

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083952.D
 Acq On : 19 Dec 2015 14:12
 Operator : UM/SJ
 Sample : PB87402BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Quant Time: Dec 21 00:42:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	59774	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	237103	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	123444	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	228248	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	201935	20.00	ng	-0.02
86) Perylene-d12	15.44	264	148667	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	254563	66.65	ng	-0.01
7) Phenol-d6	6.50	99	321380	68.74	ng	-0.01
23) Nitrobenzene-d5	7.41	82	270161	65.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	96009	70.60	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	563520	61.33	ng	-0.03
78) Terphenyl-d14	12.96	244	647637	74.18	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	40515	24.45	ng	# 96
3) Pyridine	3.23	79	117632	28.71	ng	99
4) n-Nitrosodimethylamine	3.17	42	49200	31.48	ng	100
6) Aniline	6.51	93	103649	17.21	ng	# 14
8) 2-Chlorophenol	6.64	128	142493	31.35	ng	100
9) Benzaldehyde	6.40	77	58162	20.65	ng	89
10) Phenol	6.51	94	182818	35.04	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	121090	30.55	ng	93
12) 1,3-Dichlorobenzene	6.80	146	147784	30.23	ng	97
13) 1,4-Dichlorobenzene	6.86	146	149682	29.99	ng	97
14) 1,2-Dichlorobenzene	7.02	146	146828	35.73	ng	97
15) Benzyl Alcohol	7.00	79	122115	34.52	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	125253	30.65	ng	80
17) 2-Methylphenol	7.12	107	114457	32.10	ng	96
18) Hexachloroethane	7.37	117	56512	30.86	ng	# 90
19) n-Nitroso-di-n-propylamine	7.26	70	87253	32.01	ng	# 87
20) 3+4-Methylphenols	7.28	107	149960	35.79	ng	# 47
22) Acetophenone	7.26	105	193195	33.84	ng	# 94
24) Nitrobenzene	7.44	77	149279	34.75	ng	91
25) Isophorone	7.68	82	256956	32.87	ng	97
26) 2-Nitrophenol	7.76	139	79660	35.82	ng	98
27) 2,4-Dimethylphenol	7.80	122	138038	36.03	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	149567	32.35	ng	100
29) 2,4-Dichlorophenol	8.00	162	113228	32.58	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	115094	30.83	ng	99
31) Naphthalene	8.16	128	410544	33.82	ng	99
32) Benzoic acid	7.93	122	62561	45.29	ng	96
33) 4-Chloroaniline	8.20	127	63731	11.84	ng	98
34) Hexachlorobutadiene	8.28	225	72879	31.27	ng	99
35) Caprolactam	8.57	113	28099	24.47	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	142625	36.01	ng	91
37) 2-Methylnaphthalene	8.85	142	291928	35.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	114514	29.42	ng	97
40) Hexachlorocyclopentadiene	9.00	237	63470	56.02	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083952.D
 Acq On : 19 Dec 2015 14:12
 Operator : UM/SJ
 Sample : PB87402BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Quant Time: Dec 21 00:42:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

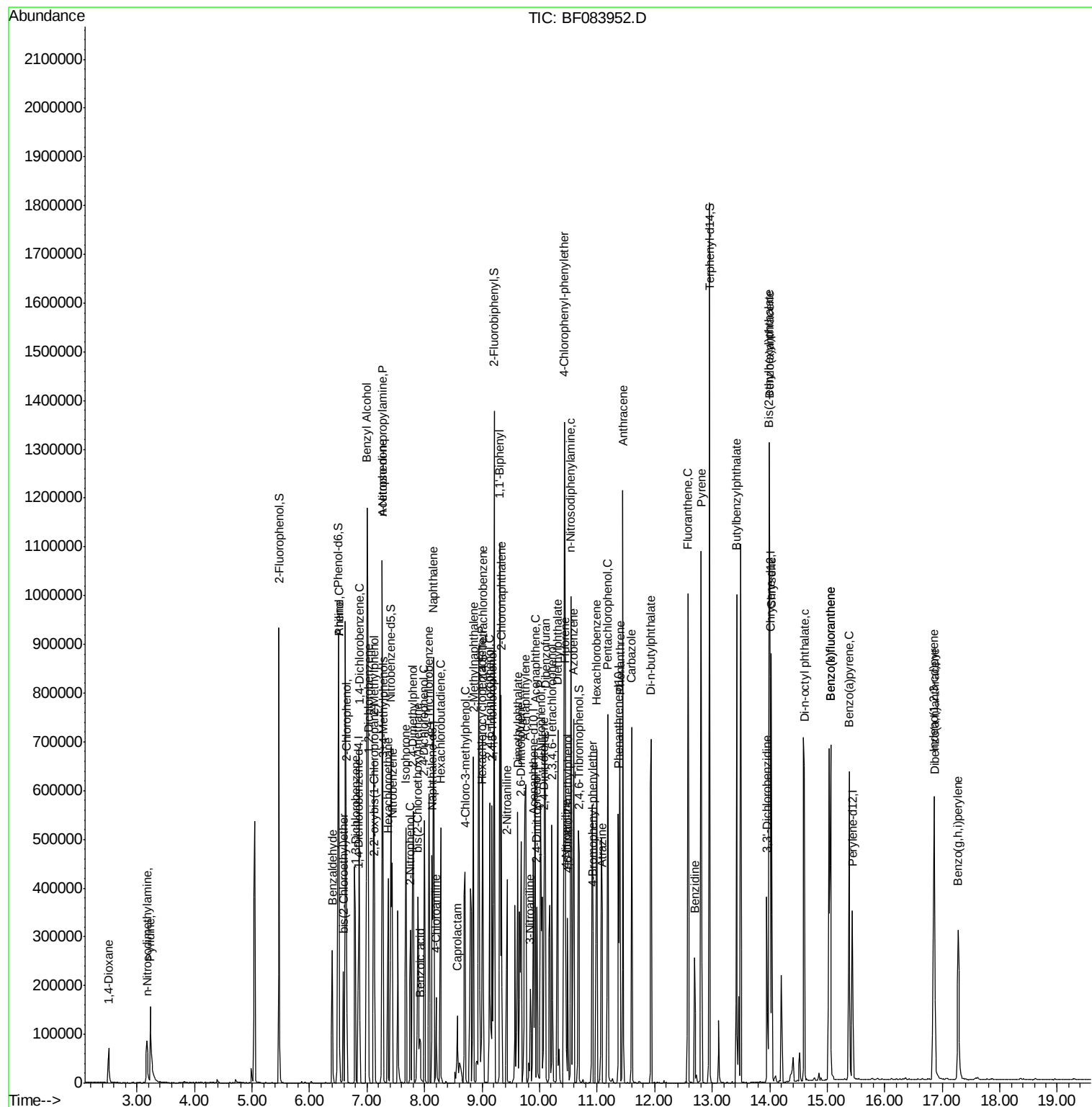
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	79464	30.92	ng	96
43) 2,4,5-Trichlorophenol	9.17	196	85521	33.63	ng #	87
45) 1,1'-Biphenyl	9.31	154	346859	33.04	ng	99
46) 2-Chloronaphthalene	9.33	162	252634	30.58	ng	99
47) 2-Nitroaniline	9.44	65	81621	33.43	ng #	61
48) Acenaphthylene	9.76	152	430725	29.93	ng	100
49) Dimethylphthalate	9.62	163	342409	33.06	ng #	91
50) 2,6-Dinitrotoluene	9.68	165	75107	33.24	ng #	86
51) Acenaphthene	9.93	154	297105	33.58	ng	99
52) 3-Nitroaniline	9.84	138	39765	16.70	ng	97
53) 2,4-Dinitrophenol	9.95	184	50421	64.45	ng #	68
54) Dibenzofuran	10.10	168	391288	34.05	ng	99
55) 4-Nitrophenol	10.02	139	86854	58.41	ng #	81
56) 2,4-Dinitrotoluene	10.08	165	93697	32.35	ng	90
57) Fluorene	10.44	166	303522	33.99	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	65916	35.03	ng	98
59) Diethylphthalate	10.32	149	356087	33.25	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	145052	32.93	ng	99
61) 4-Nitroaniline	10.45	138	64222	26.06	ng	99
62) Azobenzene	10.59	77	325293	36.24	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	42093	31.48	ng #	70
65) n-Nitrosodiphenylamine	10.54	169	255617	30.78	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	82243	29.47	ng	96
67) Hexachlorobenzene	10.99	284	100388	34.17	ng	99
68) Atrazine	11.08	200	90667	34.46	ng	93
69) Pentachlorophenol	11.18	266	82083	66.67	ng	99
70) Phenanthrene	11.40	178	439757	31.89	ng	100
71) Anthracene	11.45	178	441921	33.15	ng	99
72) Carbazole	11.60	167	418260	31.76	ng	99
73) Di-n-butylphthalate	11.94	149	557929	36.05	ng	100
74) Fluoranthene	12.58	202	435008	31.61	ng	100
76) Benzidine	12.69	184	117990	14.59	ng	99
77) Pyrene	12.81	202	444229	35.36	ng	99
79) Butylbenzylphthalate	13.42	149	227374	33.82	ng	98
80) Benzo(a)anthracene	14.00	228	383652	30.90	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	81861	17.64	ng #	94
82) Chrysene	14.03	228	327795	27.33	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	311132	34.67	ng	100
84) Di-n-octyl phthalate	14.60	149	530829	37.79	ng	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	297532	33.18	ng	99
87) Benzo(b)fluoranthene	15.06	252	659636	60.86	ng	99
88) Benzo(k)fluoranthene	15.06	252	659636	73.77	ng #	96
89) Benzo(a)pyrene	15.38	252	295555	33.02	ng #	97
90) Dibenzo(a,h)anthracene	16.87	278	248297	35.66	ng #	95
91) Benzo(g,h,i)perylene	17.28	276	249429	36.55	ng	99

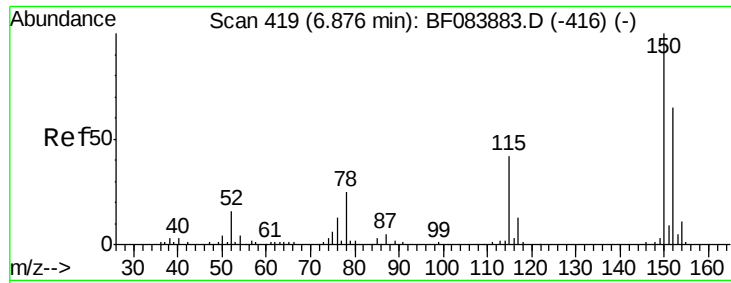
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083952.D
Acq On : 19 Dec 2015 14:12
Operator : UM/SJ
Sample : PB87402BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Quant Time: Dec 21 00:42:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

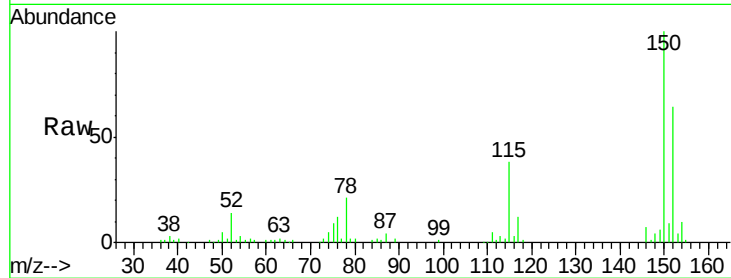




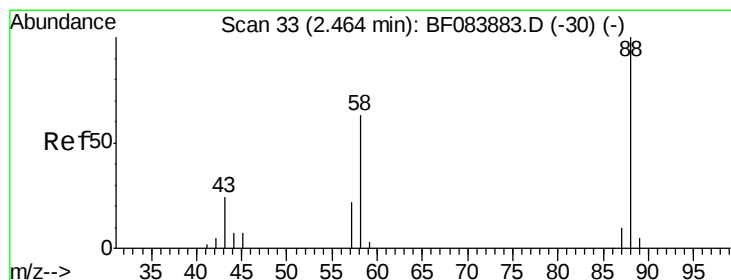
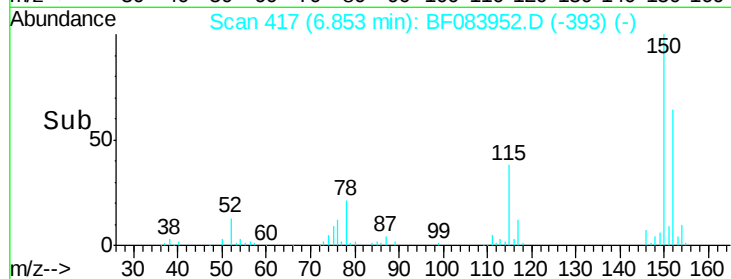
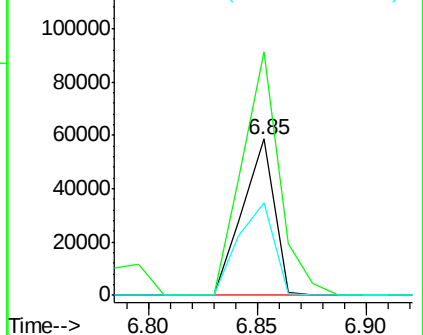
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tgt Ion:152 Resp: 59774
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.0 184.4
 115 59.1 51.4 77.2

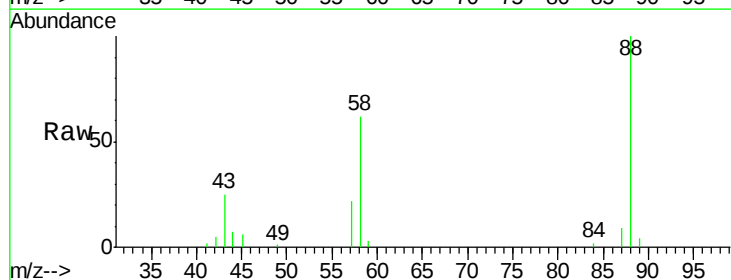


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

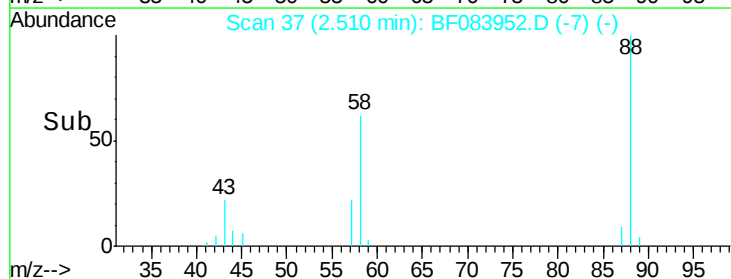
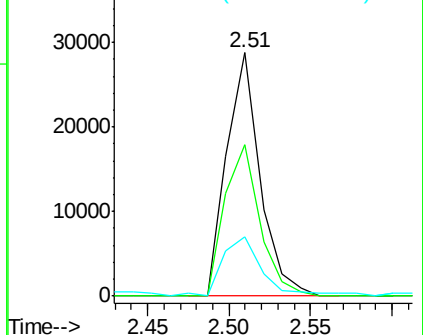


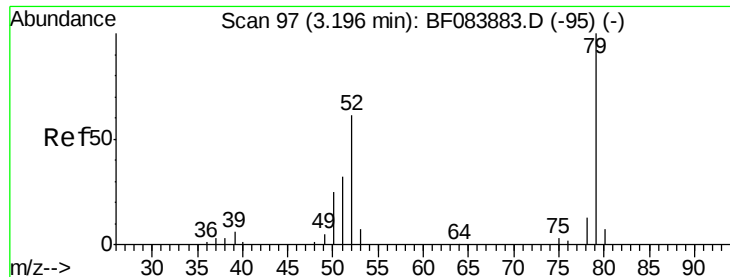
#2
 1,4-Dioxane
 Concen: 24.45 ng
 RT: 2.51 min Scan# 37
 Delta R.T. 0.05 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion: 88 Resp: 40515
 Ion Ratio Lower Upper
 88 100
 58 65.4 51.2 76.8
 43 29.7 19.5 29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.71 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

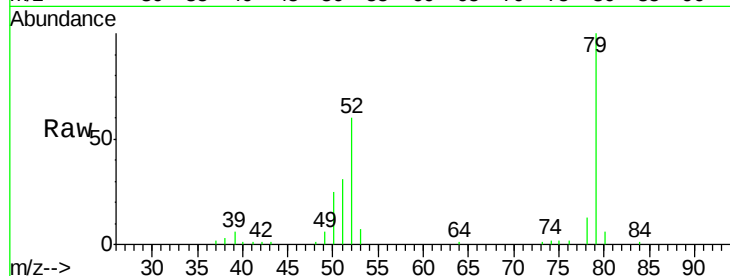
Tgt Ion: 79 Resp: 117632

Ion Ratio Lower Upper

79 100

52 60.1 49.0 73.4

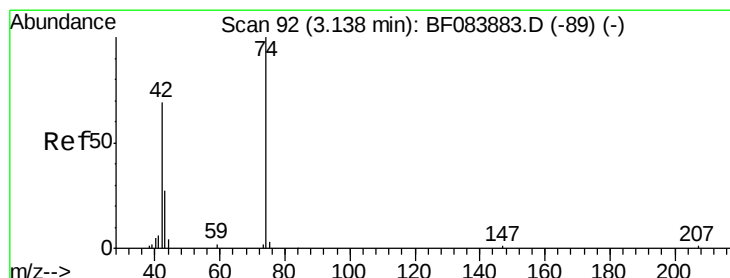
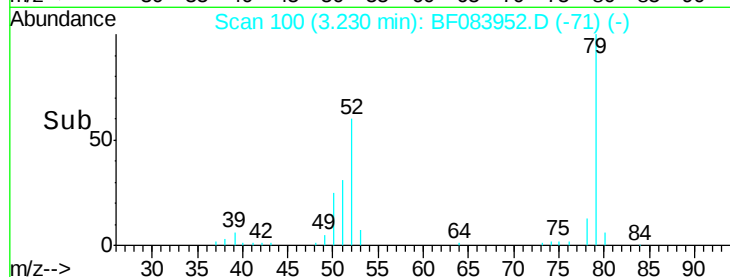
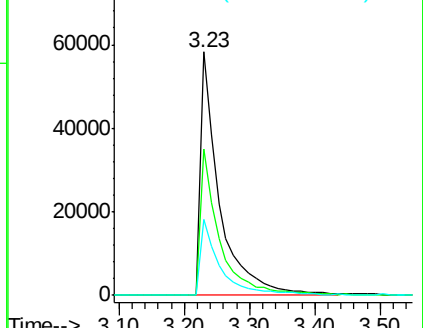
51 31.0 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.48 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

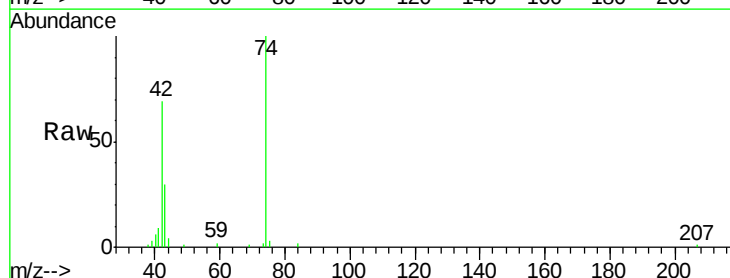
Tgt Ion: 42 Resp: 49200

Ion Ratio Lower Upper

42 100

74 144.5 115.7 173.5

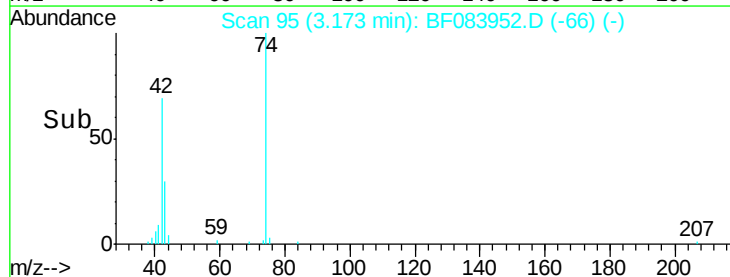
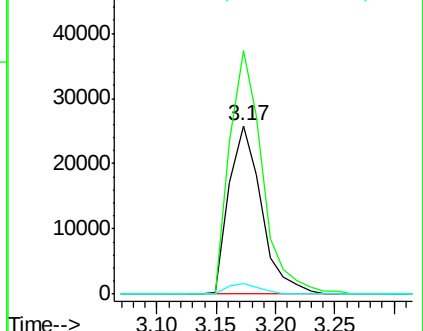
44 6.5 5.1 7.7

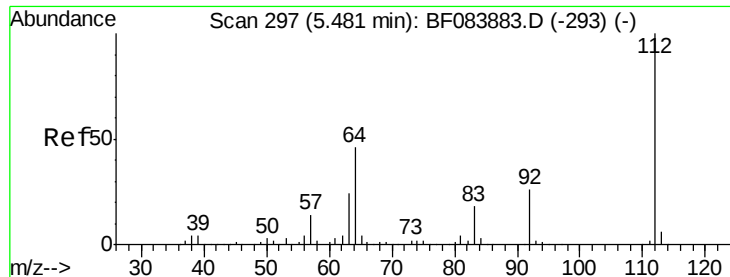


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 66.65 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

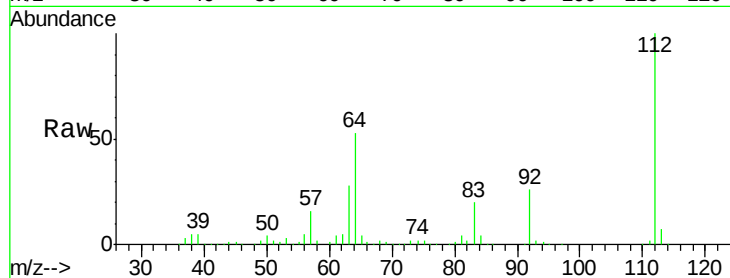
Instrument :

BNA_F

ClientSampleId :

PB87402BSD

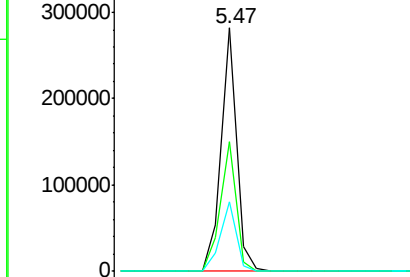
Tgt Ion:	112	Resp:	254563
Ion	Ratio	Lower	Upper
112	100		
64	53.3	36.6	55.0
63	28.4	19.4	29.0



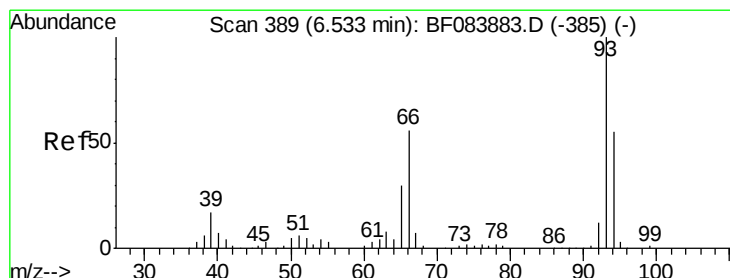
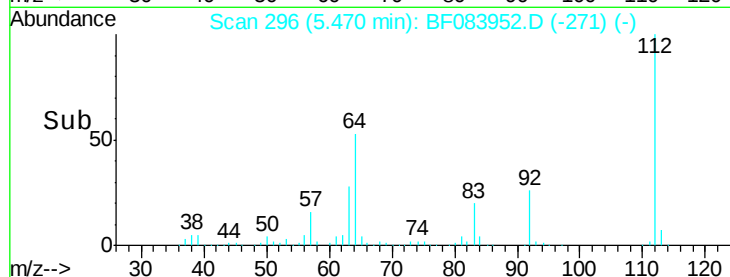
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 17.21 ng

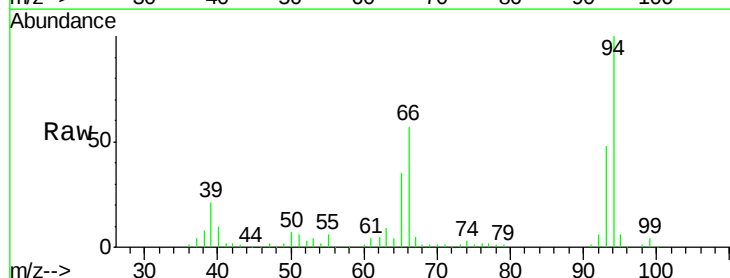
RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

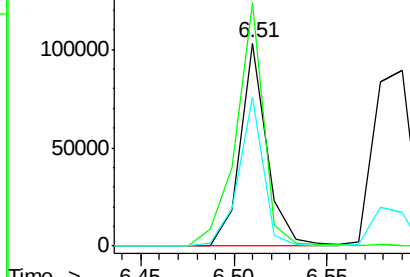
Tgt Ion:	93	Resp:	103649
Ion	Ratio	Lower	Upper
93	100		
66	120.0	44.9	67.3#
65	73.7	23.7	35.5#



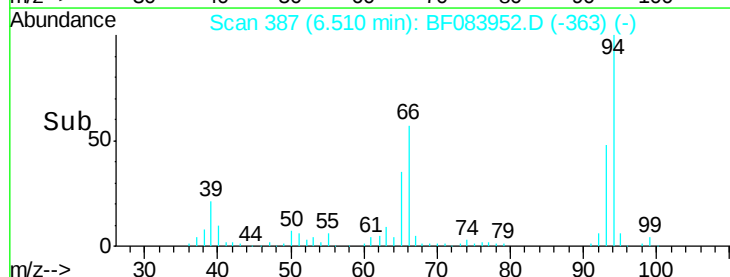
Abundance Ion 93.00 (92.70 to 93.70): BF0

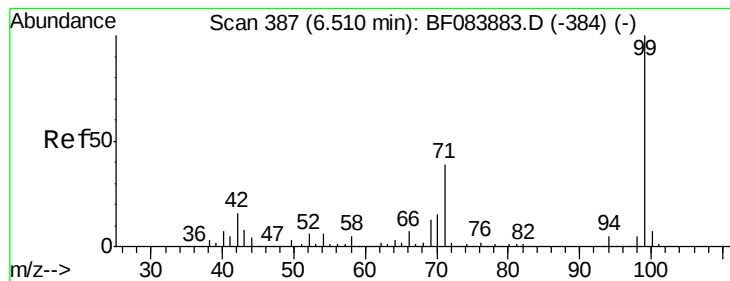
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 68.74 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

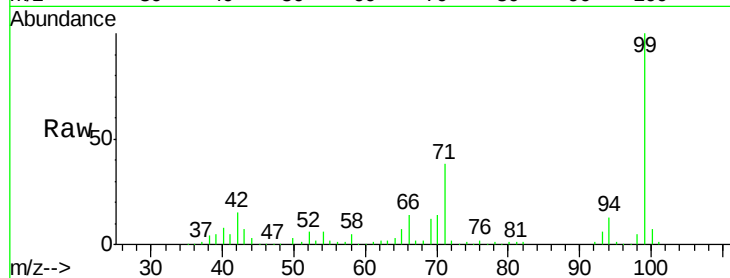
Tgt Ion: 99 Resp: 321380

Ion Ratio Lower Upper

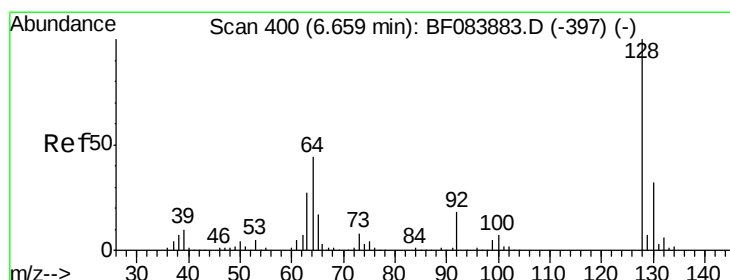
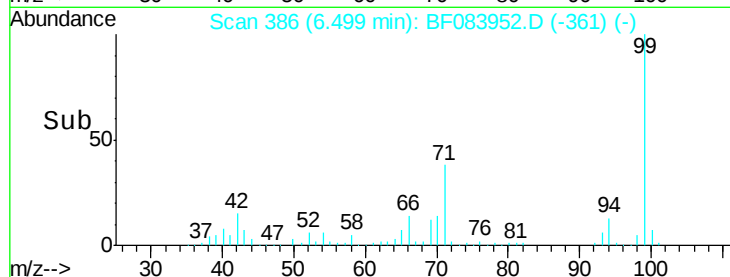
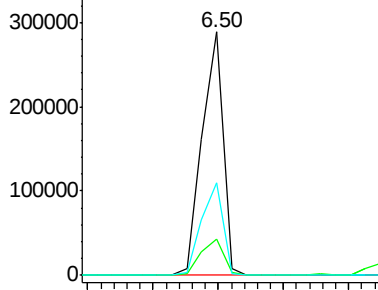
99 100

42 15.1 12.8 19.2

71 38.3 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.35 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

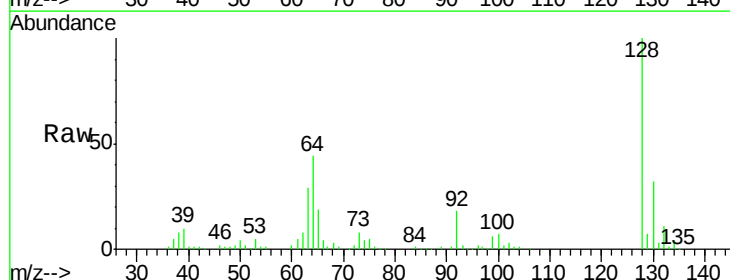
Tgt Ion: 128 Resp: 142493

Ion Ratio Lower Upper

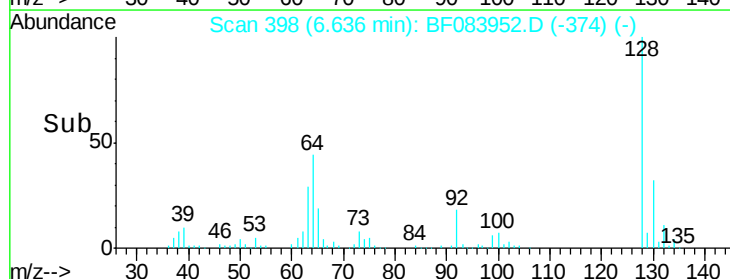
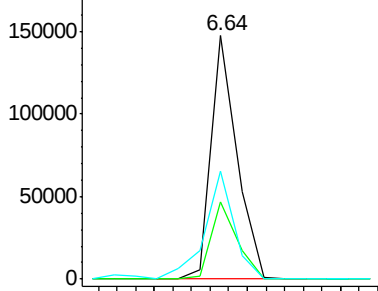
128 100

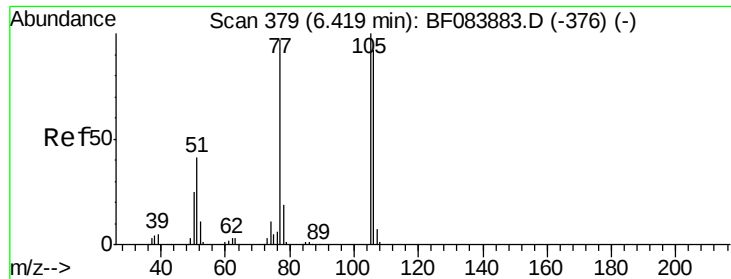
130 31.5 11.6 51.6

64 44.1 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.65 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

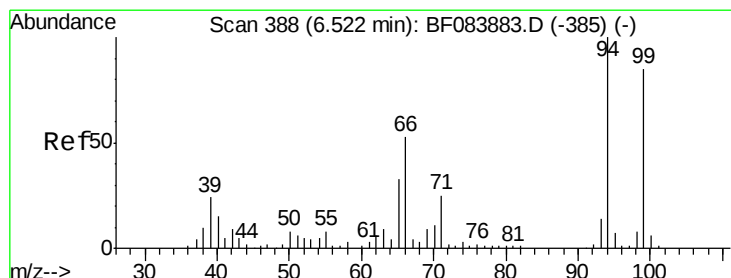
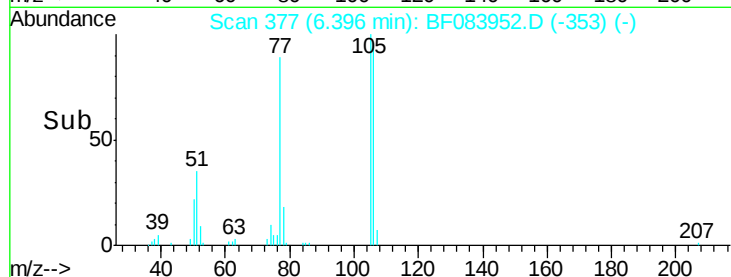
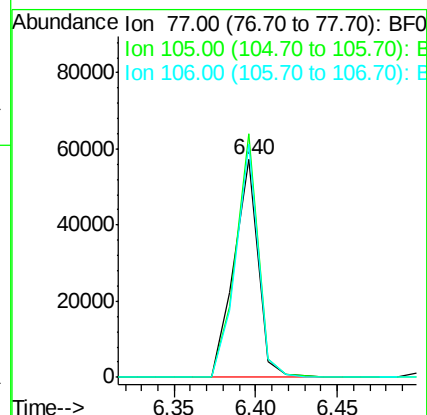
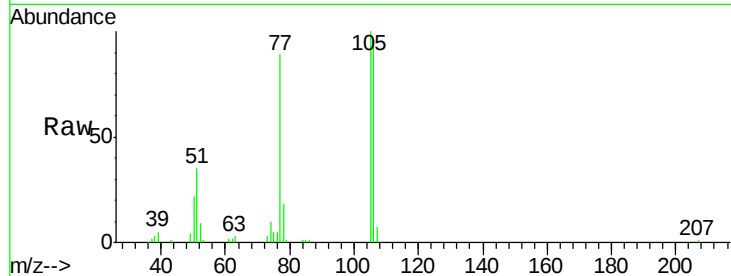
Tgt Ion: 77 Resp: 58162

Ion Ratio Lower Upper

77 100

105 111.8 83.0 123.0

106 107.2 74.6 114.6



#10

Phenol

Concen: 35.04 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

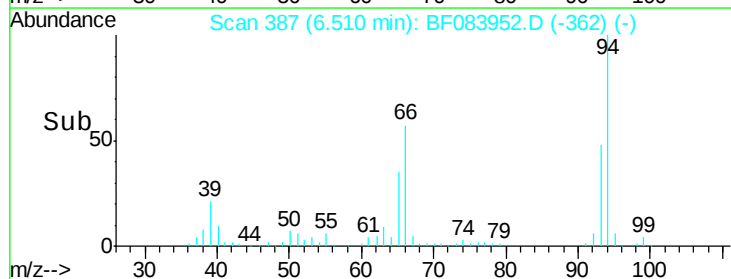
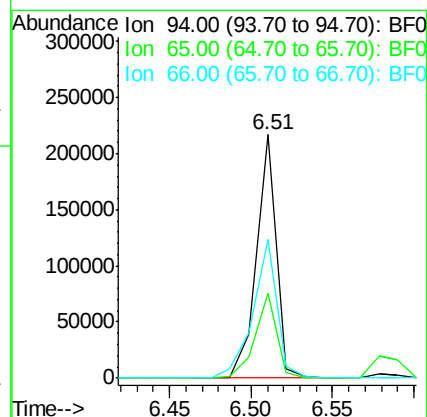
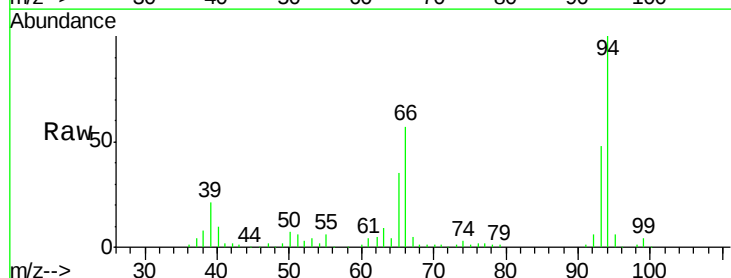
Tgt Ion: 94 Resp: 182818

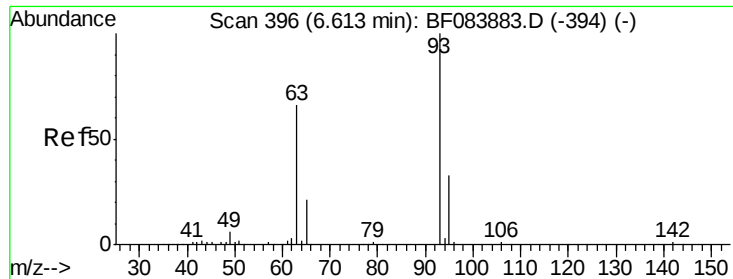
Ion Ratio Lower Upper

94 100

65 35.0 12.9 52.9

66 57.1 32.7 72.7

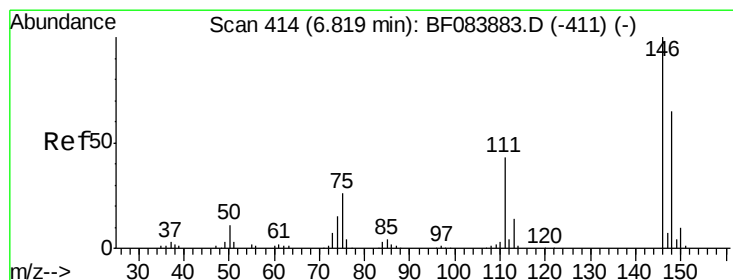
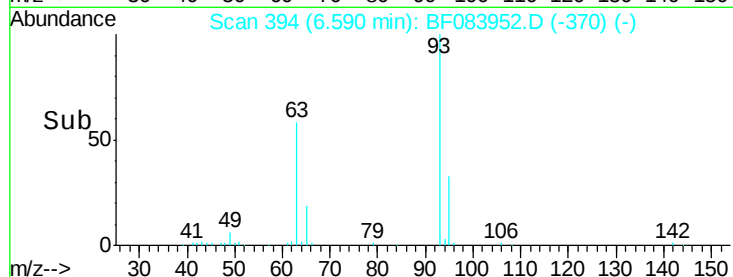
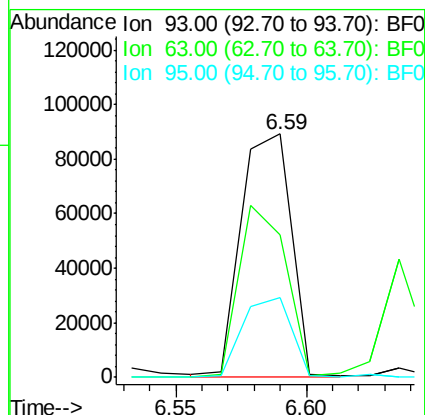
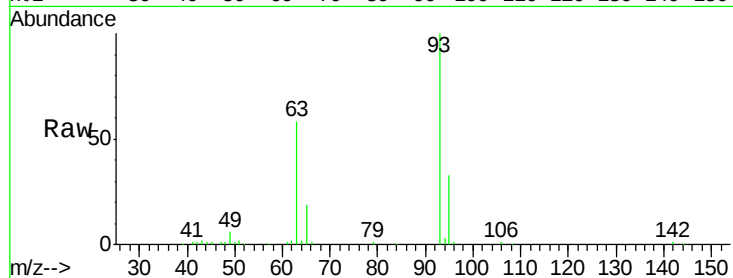




#11
bis(2-Chloroethyl)ether
Concen: 30.55 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

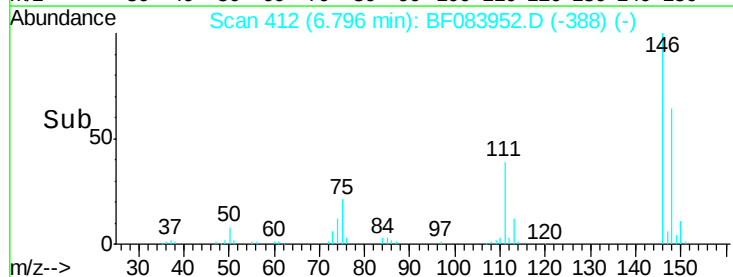
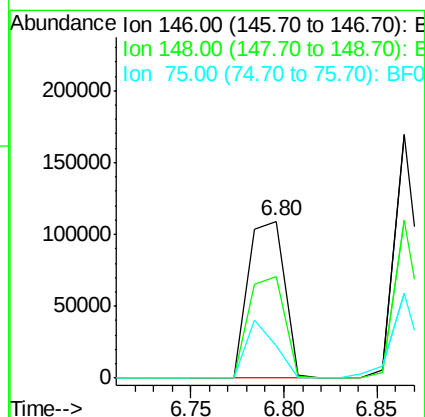
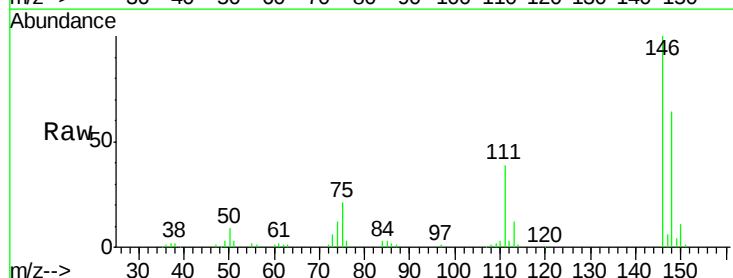
Instrument :
BNA_F
ClientSampleId :
PB87402BSD

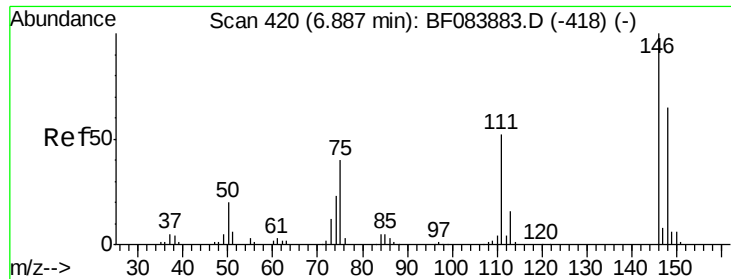
Tgt Ion:	93	Resp:	121090
Ion	Ratio	Lower	Upper
93	100		
63	58.3	45.9	85.9
95	32.7	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 30.23 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion:	146	Resp:	147784
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
75	20.9	20.5	30.7

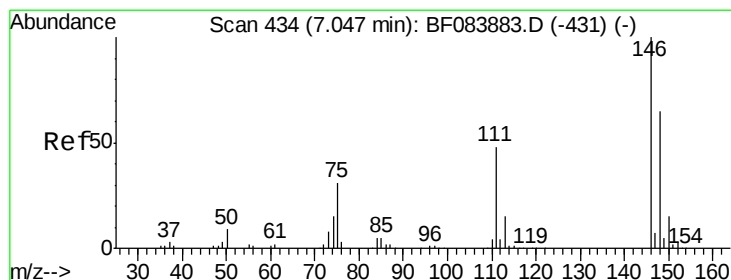
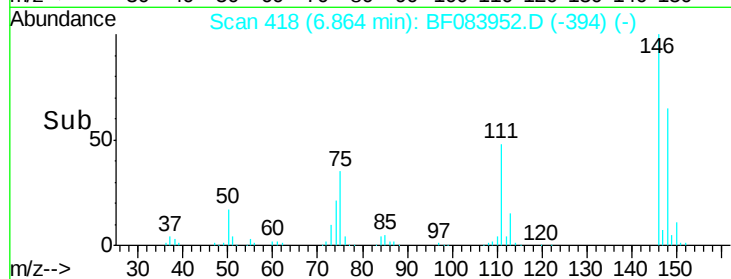
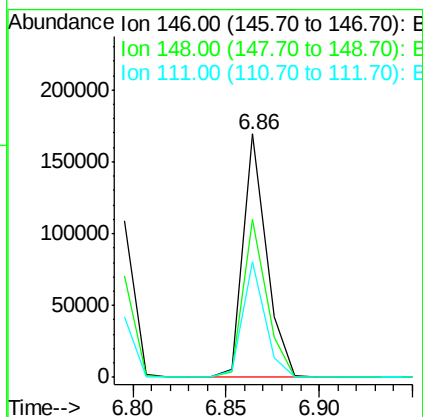
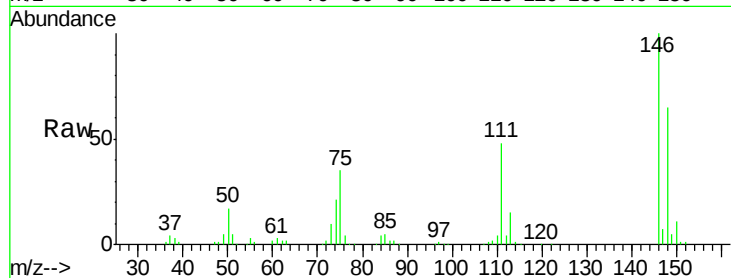




#13
 1,4-Dichlorobenzene
 Concen: 29.99 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

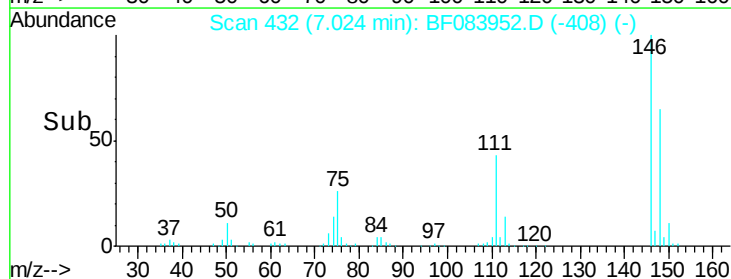
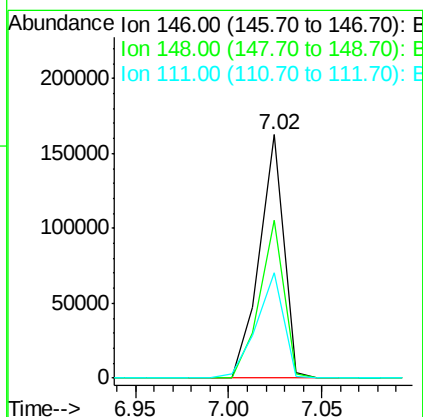
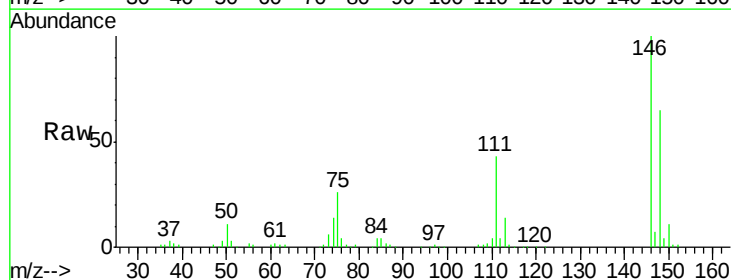
Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

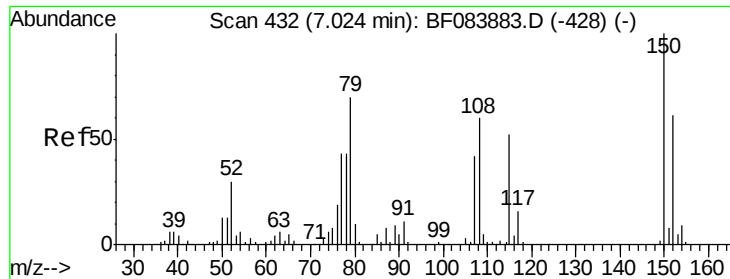
Tgt Ion:146 Resp: 149682
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.9 77.9
 111 47.7 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 35.73 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion:146 Resp: 146828
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 43.2 38.0 57.0

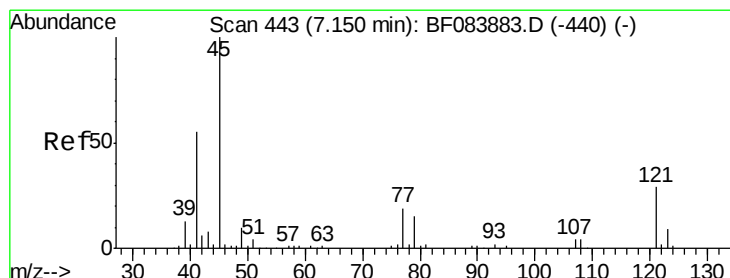
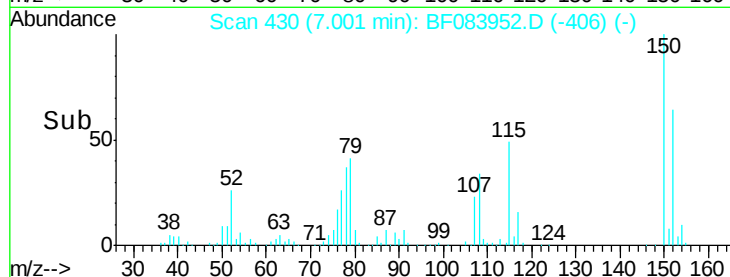
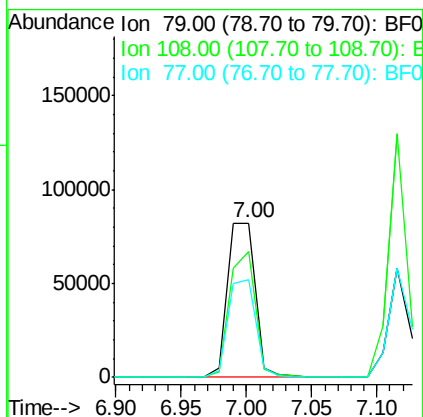
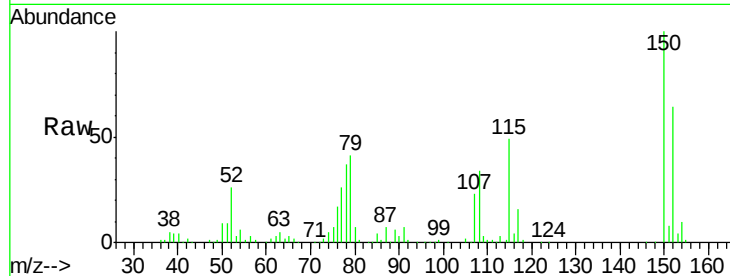




#15
Benzyl Alcohol
Concen: 34.52 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

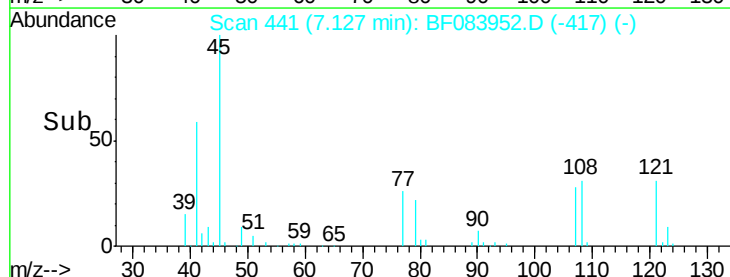
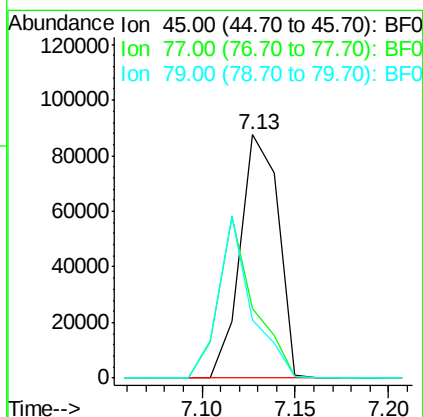
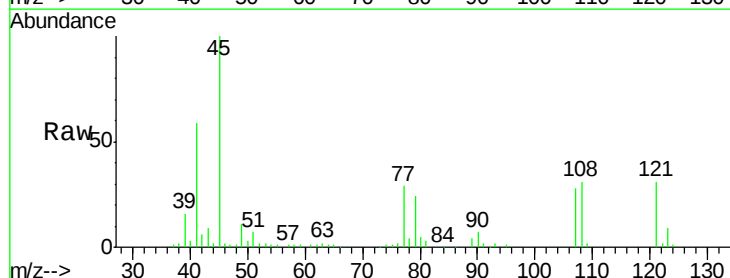
Instrument :
BNA_F
ClientSampleId :
PB87402BSD

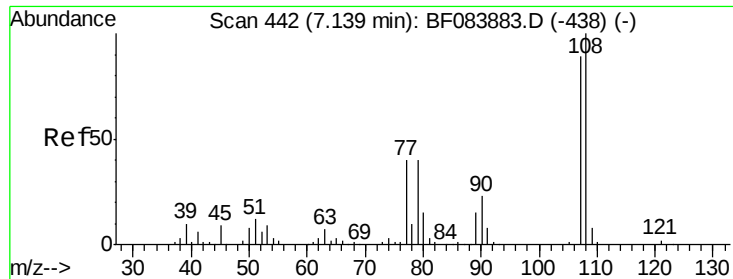
Tgt Ion: 79 Resp: 122115
Ion Ratio Lower Upper
79 100
108 81.4 69.0 103.4
77 63.7 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.65 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion: 45 Resp: 125253
Ion Ratio Lower Upper
45 100
77 28.8 0.0 39.6
79 23.6 0.0 35.0

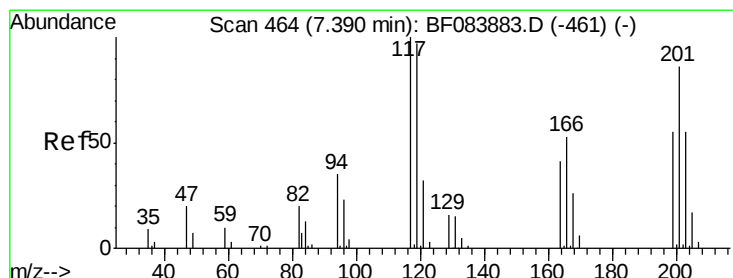
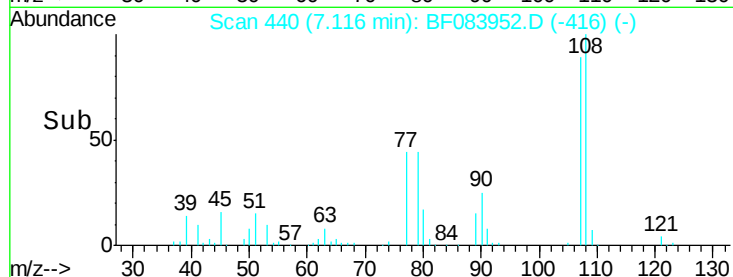
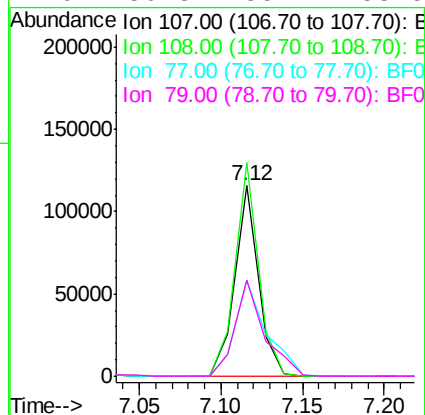
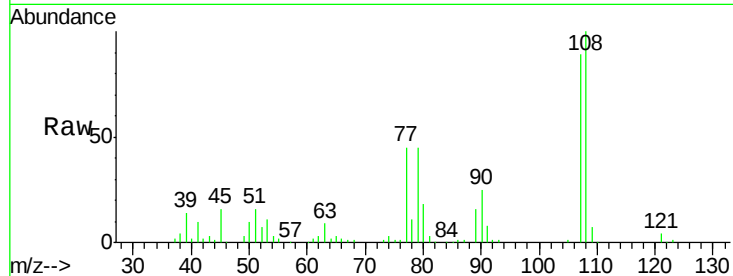




#17
2-Methylphenol
Concen: 32.10 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

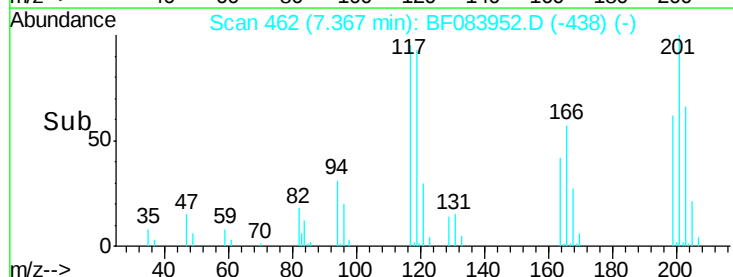
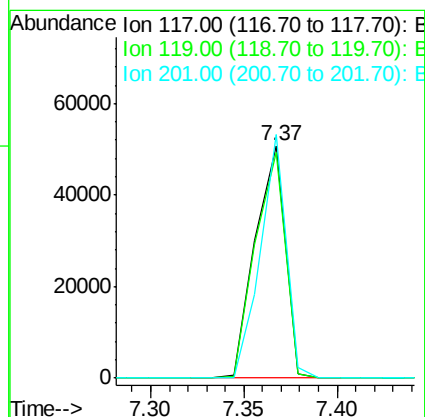
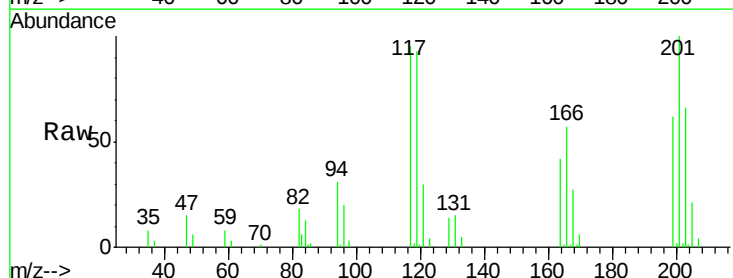
Instrument :
BNA_F
ClientSampleId :
PB87402BSD

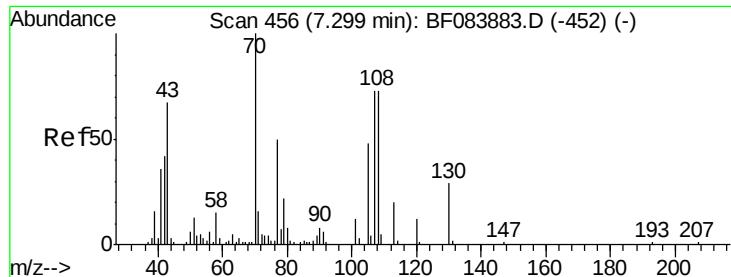
Tgt Ion:	107	Resp:	114457
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.8	134.6
77	50.4	35.7	53.5
79	50.3	35.7	53.5



#18
Hexachloroethane
Concen: 30.86 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion:	117	Resp:	56512
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	104.9	68.6	103.0#

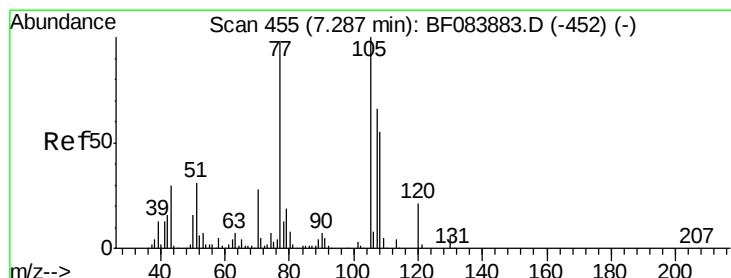
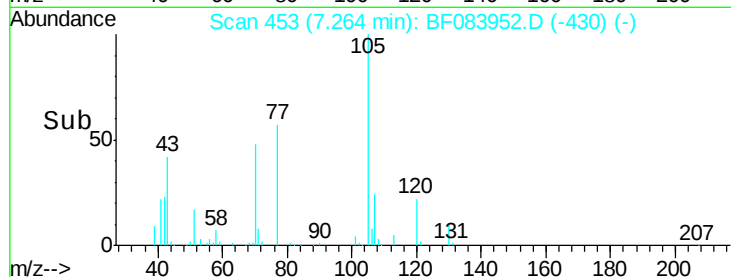
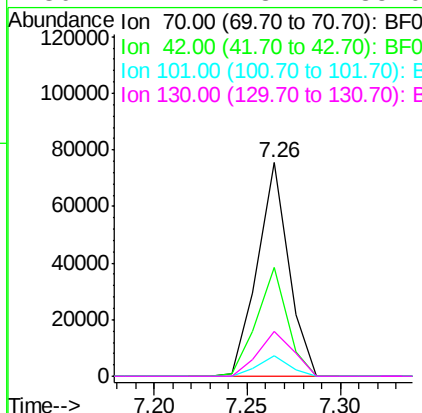
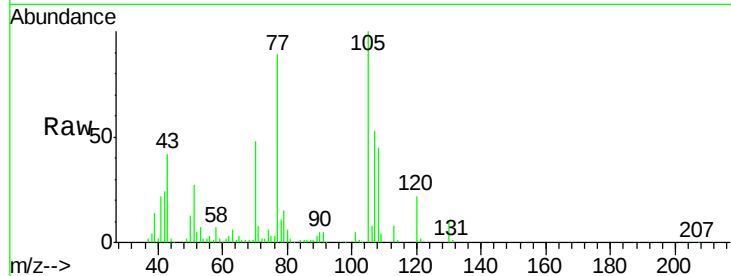




#19
n-Nitroso-di-n-propylamine
Concen: 32.01 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

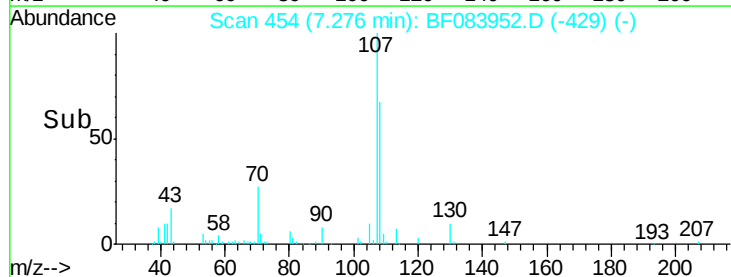
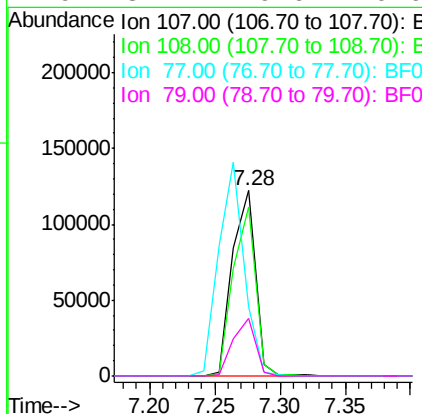
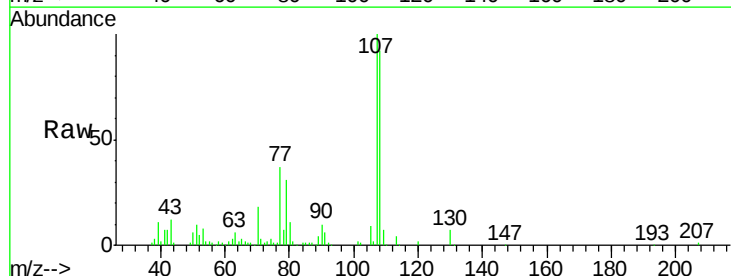
Instrument :
BNA_F
ClientSampleId :
PB87402BSD

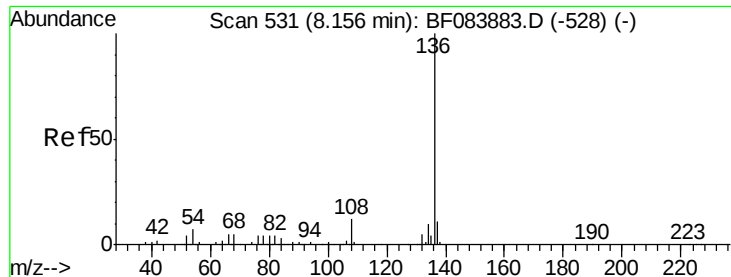
Tgt Ion: 70 Resp: 87253
Ion Ratio Lower Upper
70 100
42 50.8 33.3 49.9#
101 9.6 9.3 13.9
130 21.1 23.4 35.0#



#20
3+4-Methylphenols
Concen: 35.79 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion: 107 Resp: 149960
Ion Ratio Lower Upper
107 100
108 91.5 64.1 104.1
77 37.2 128.9 168.9#
79 31.2 9.6 49.6

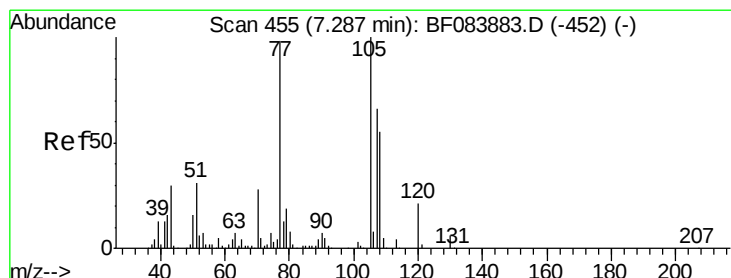
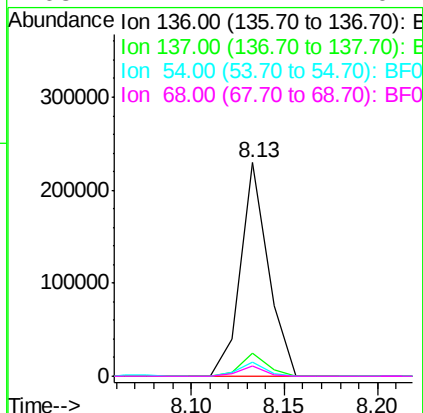
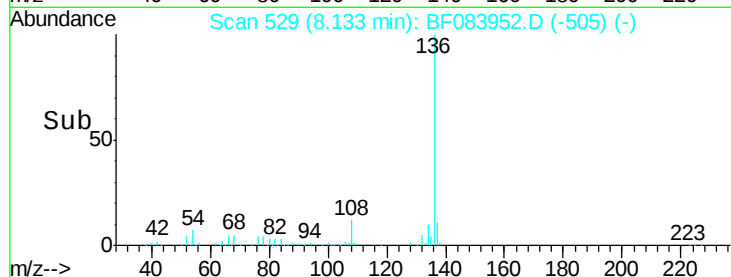
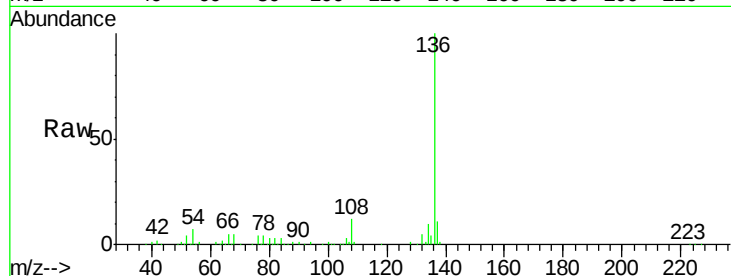




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

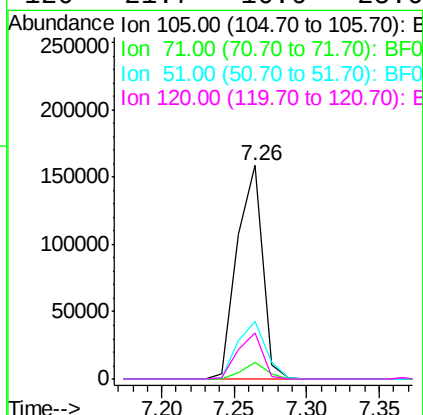
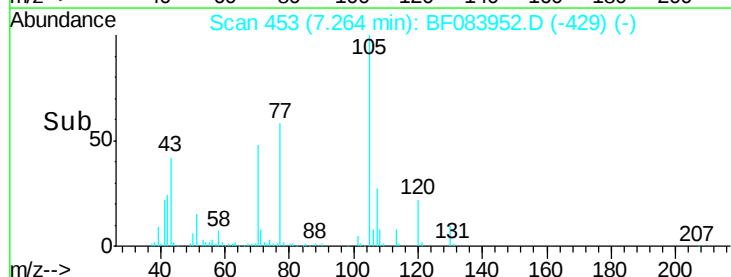
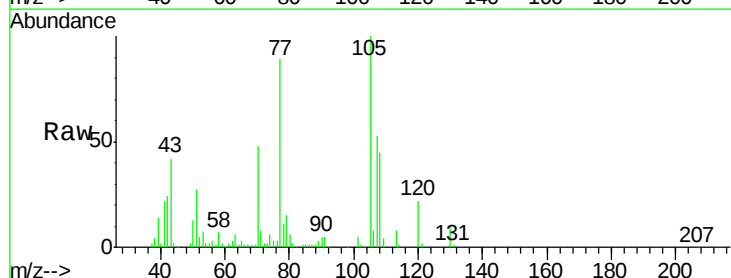
Instrument :
BNA_F
ClientSampleId :
PB87402BSD

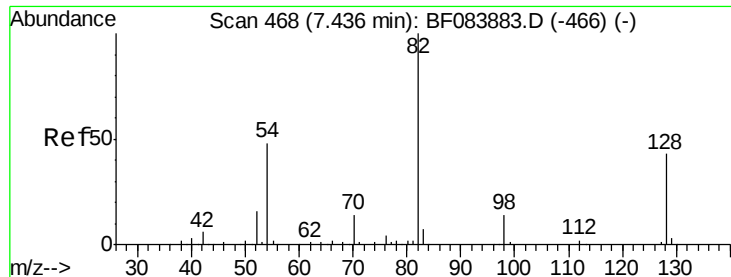
Tgt Ion:	136	Resp:	237103
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	6.7	5.8	8.8
68	4.7	4.2	6.2



#22
Acetophenone
Concen: 33.84 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion:	105	Resp:	193195
Ion Ratio	Lower	Upper	
105	100		
71	7.9	3.7	5.5#
51	26.9	25.1	37.7
120	21.7	16.6	25.0

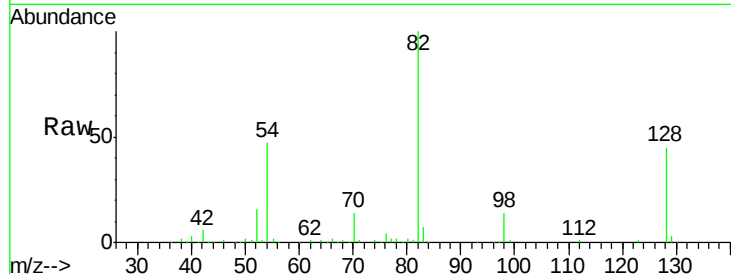




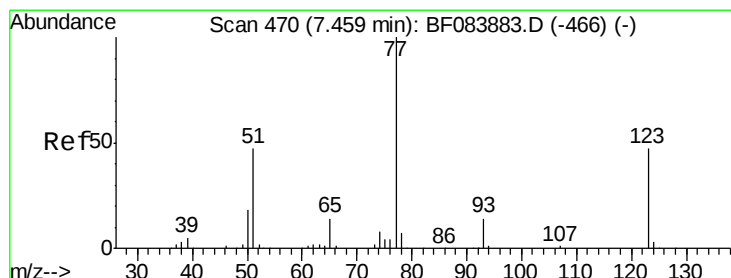
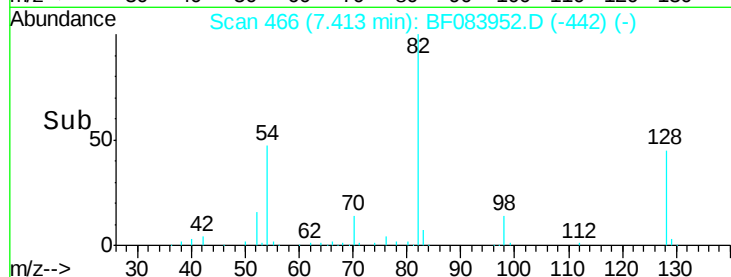
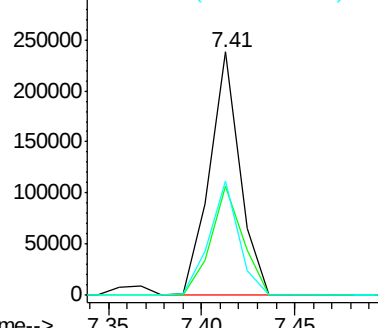
#23
 Nitrobenzene-d5
 Concen: 65.03 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tgt Ion: 82 Resp: 270161
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 51.8
 54 46.7 38.4 57.6

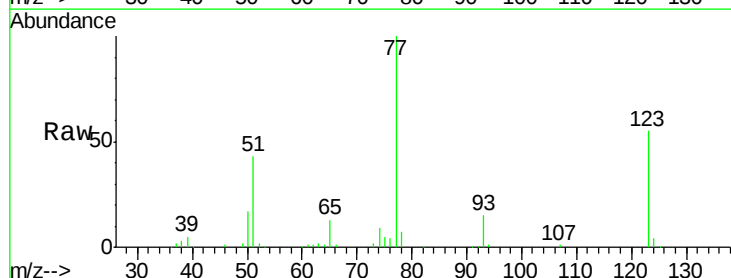


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

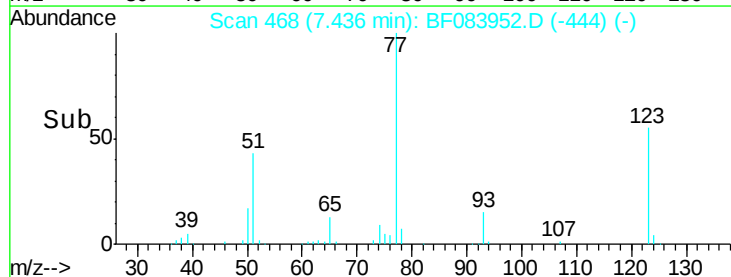
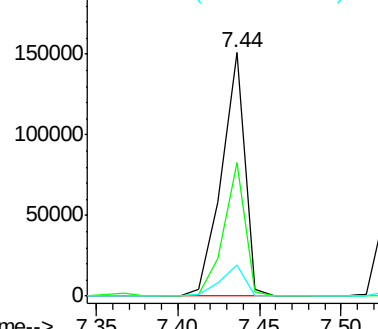


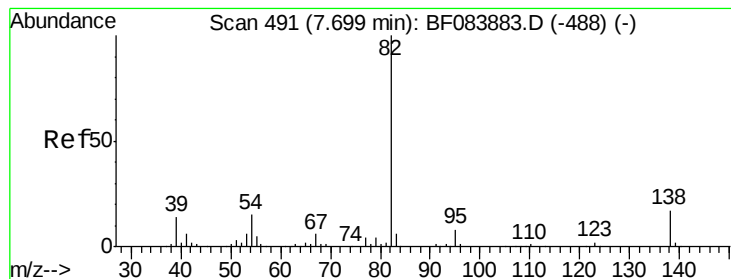
#24
 Nitrobenzene
 Concen: 34.75 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion: 77 Resp: 149279
 Ion Ratio Lower Upper
 77 100
 123 54.6 37.4 56.2
 65 13.0 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 32.87 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

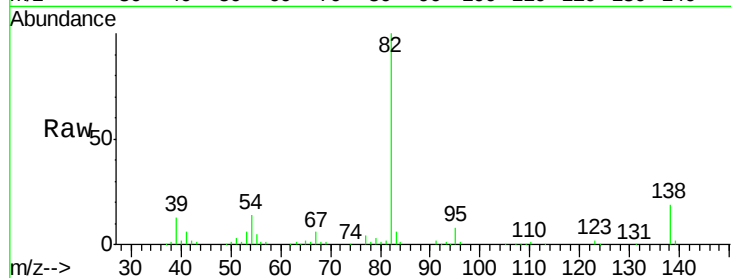
Tgt Ion: 82 Resp: 256956

Ion Ratio Lower Upper

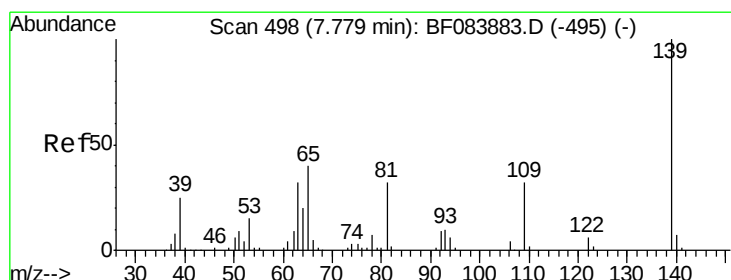
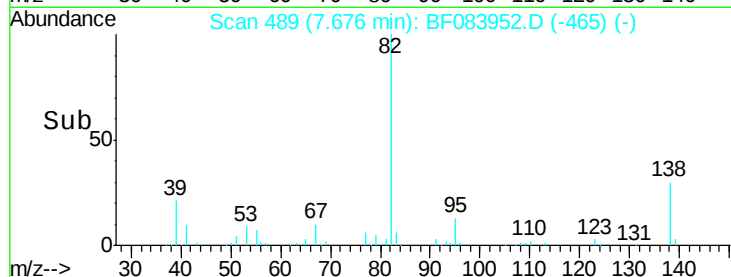
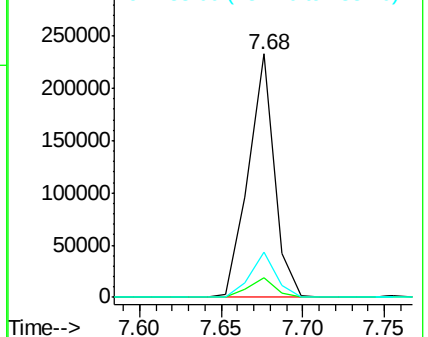
82 100

95 8.2 6.6 10.0

138 18.6 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.82 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

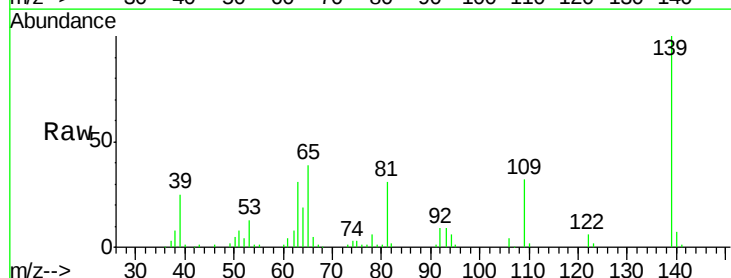
Tgt Ion: 139 Resp: 79660

Ion Ratio Lower Upper

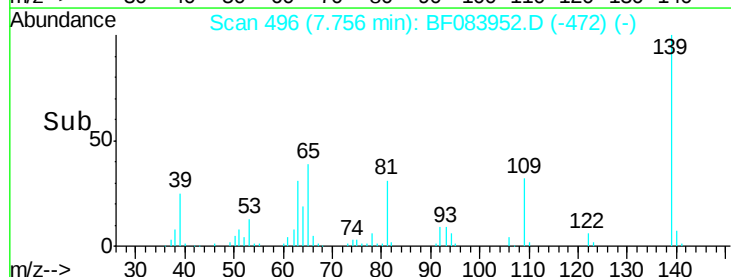
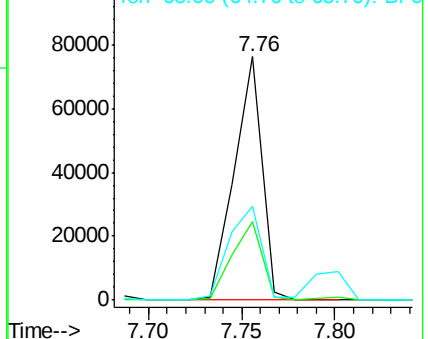
139 100

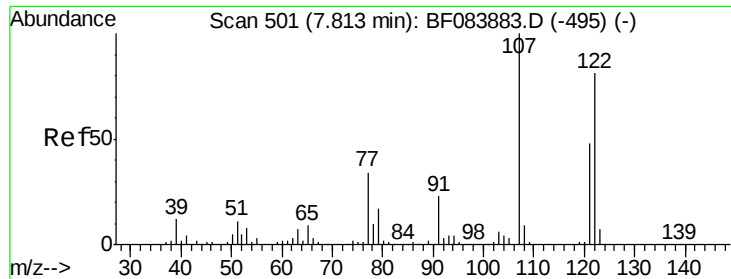
109 32.1 25.4 38.2

65 38.5 32.3 48.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.03 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

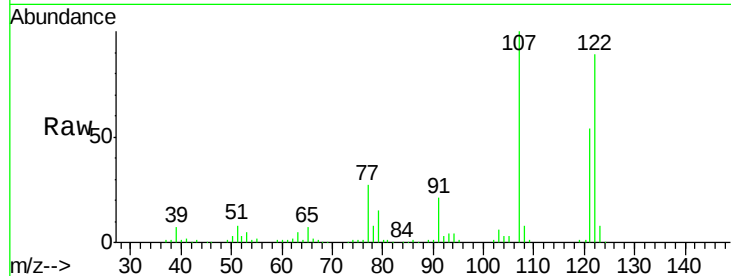
Tgt Ion:122 Resp: 138038

Ion Ratio Lower Upper

122 100

107 112.8 99.1 148.7

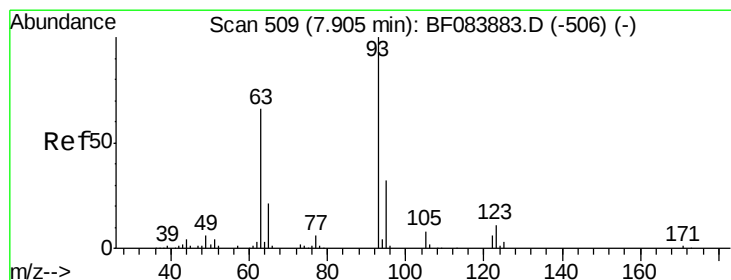
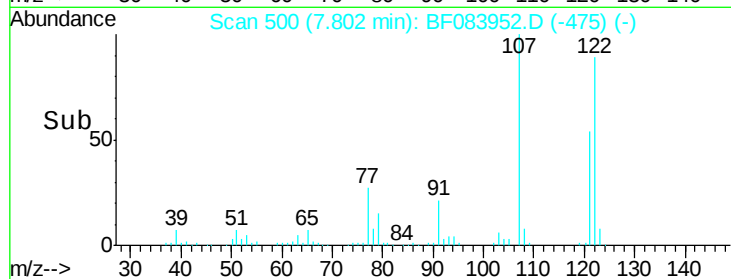
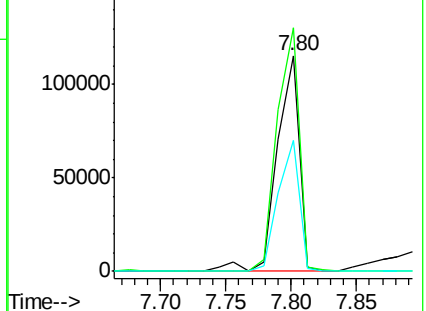
121 60.6 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.35 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

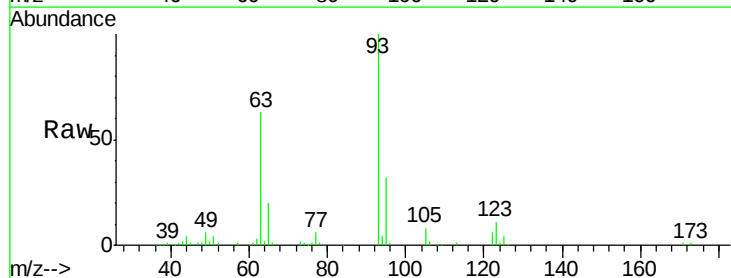
Tgt Ion: 93 Resp: 149567

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

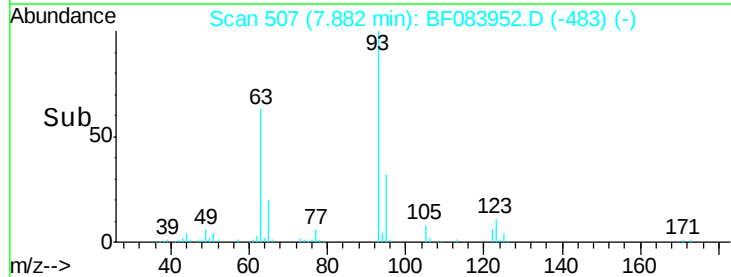
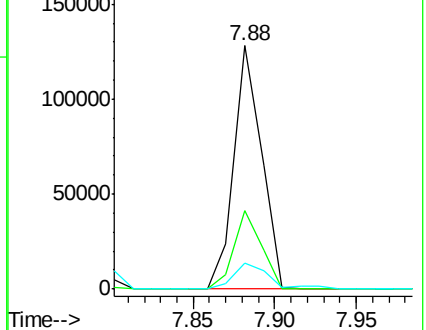
123 10.8 8.6 12.8

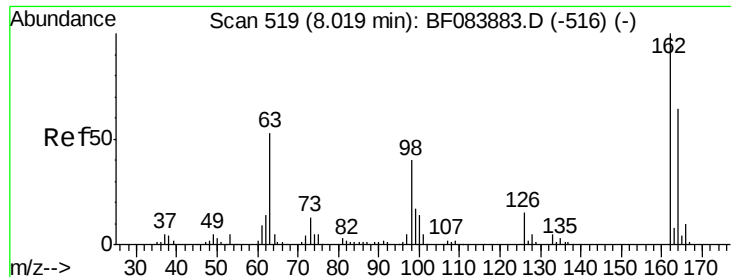


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

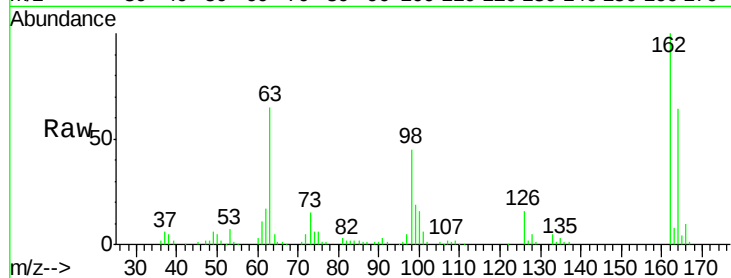




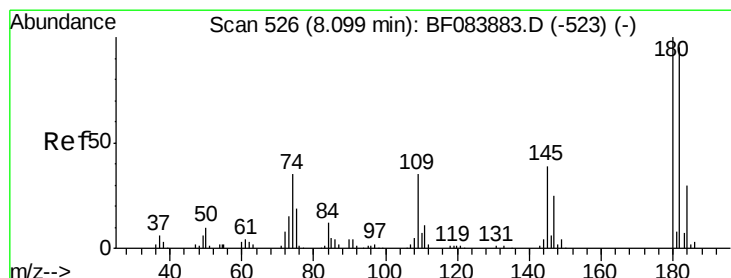
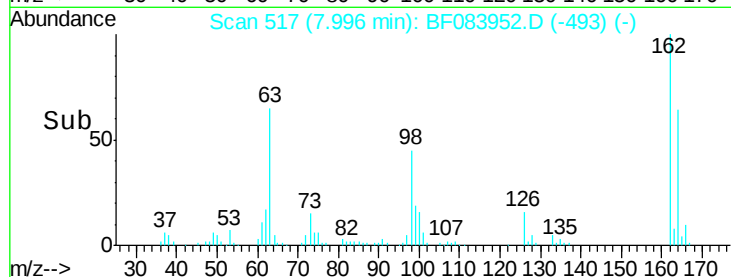
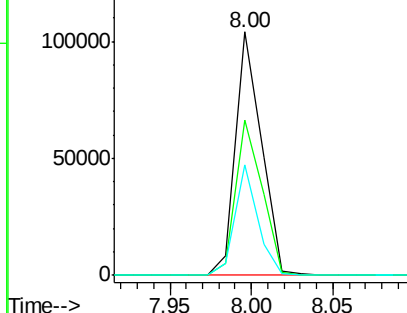
#29
2,4-Dichlorophenol
Concen: 32.58 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tgt Ion:162 Resp: 113228
Ion Ratio Lower Upper
162 100
164 63.7 44.1 84.1
98 45.4 20.2 60.2

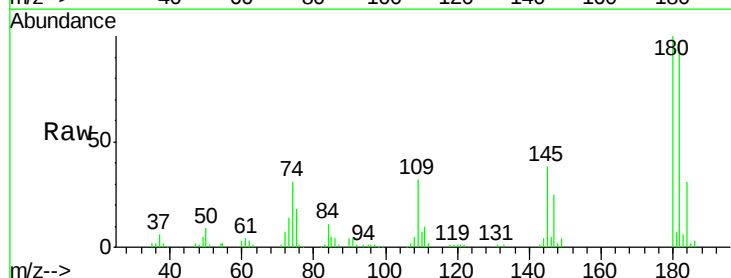


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

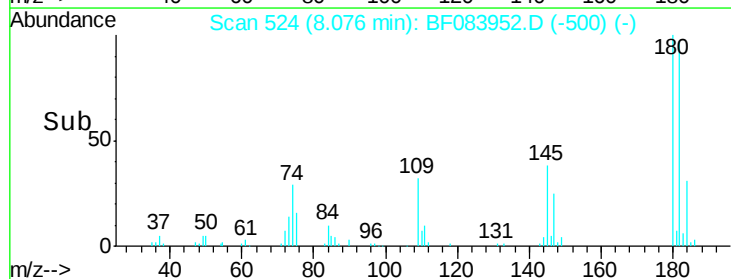
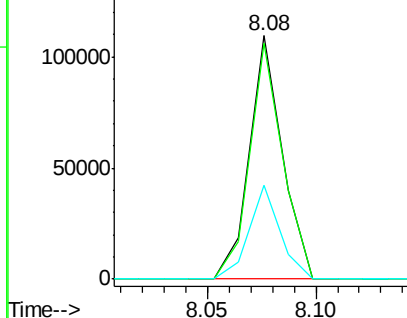


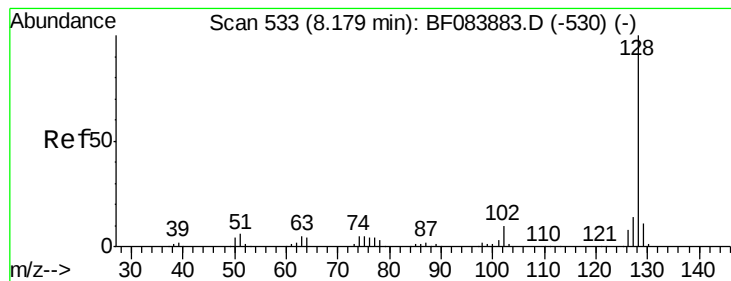
#30
1,2,4-Trichlorobenzene
Concen: 30.83 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion:180 Resp: 115094
Ion Ratio Lower Upper
180 100
182 96.8 76.4 114.6
145 38.4 31.6 47.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 33.82 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

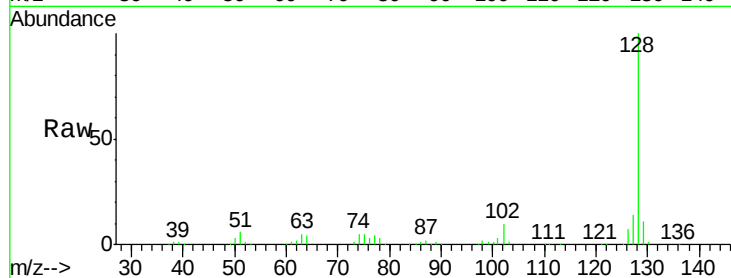
Tgt Ion:128 Resp: 410544

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

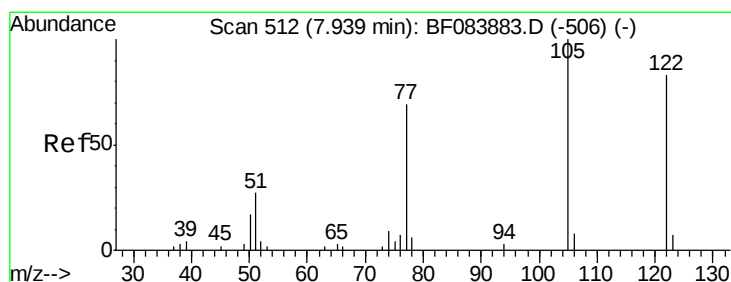
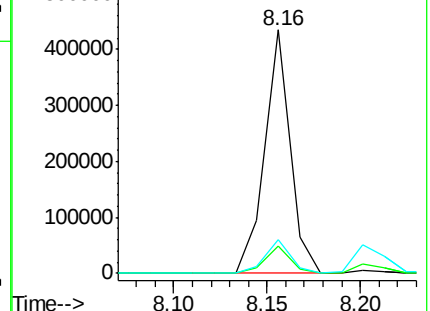
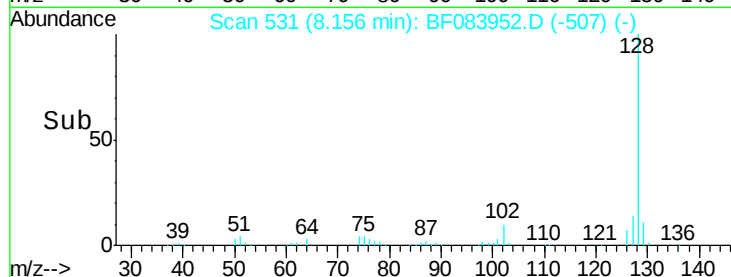
127 13.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.29 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

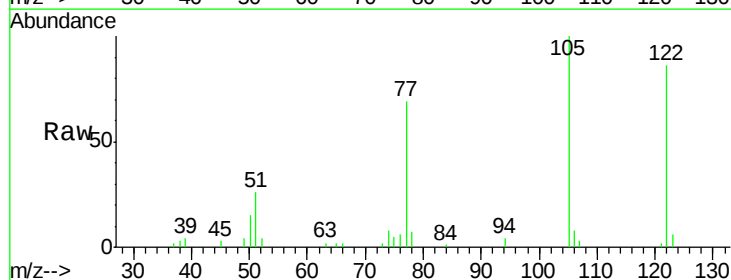
Tgt Ion:122 Resp: 62561

Ion Ratio Lower Upper

122 100

105 116.5 100.3 140.3

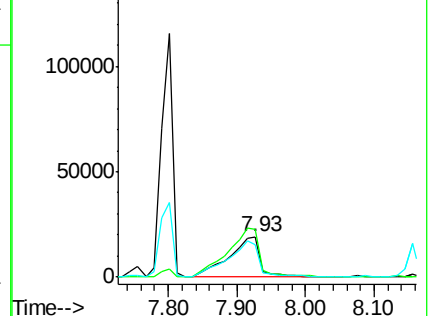
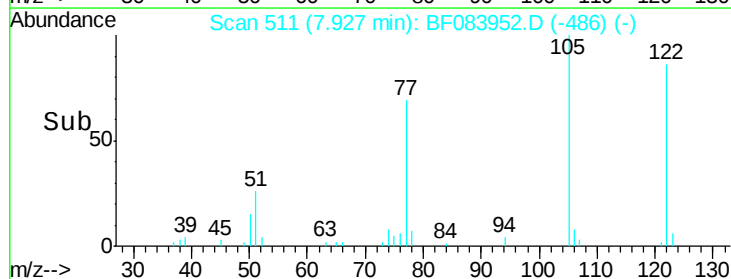
77 80.0 63.5 103.5

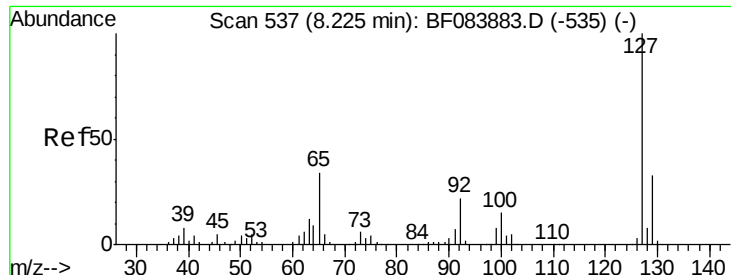


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

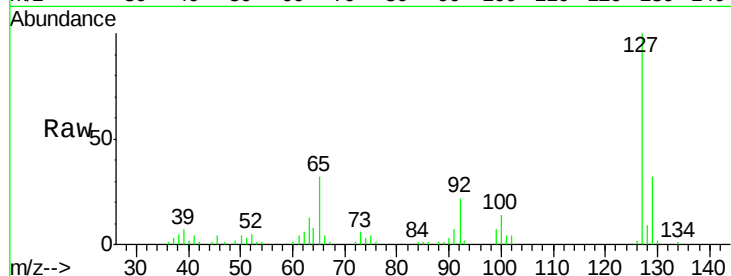




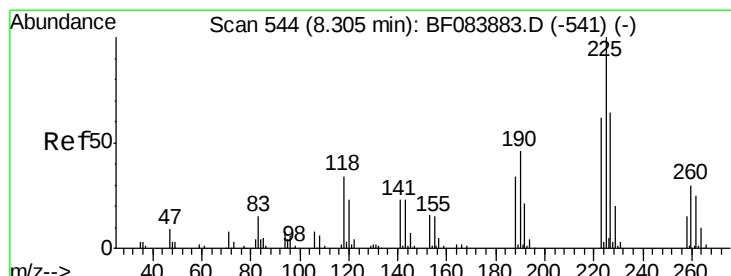
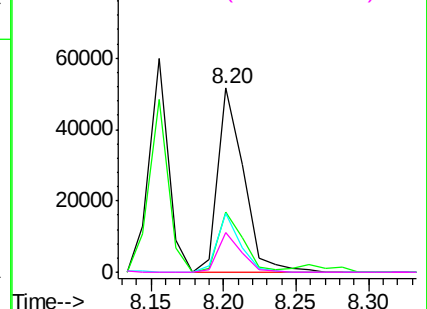
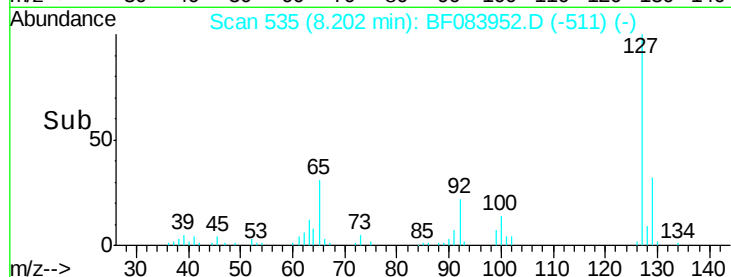
#33
4-Chloroaniline
Concen: 11.84 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tgt Ion:	127	Resp:	63731
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	31.8	27.2	40.8
92	21.8	17.7	26.5

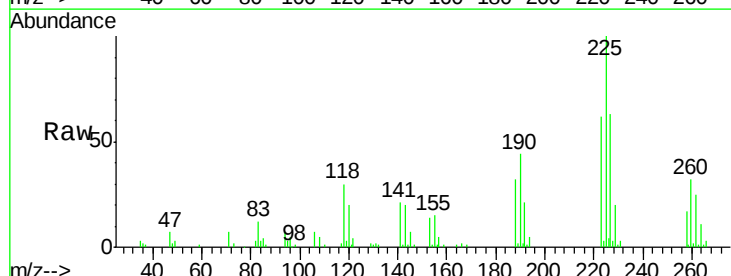


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

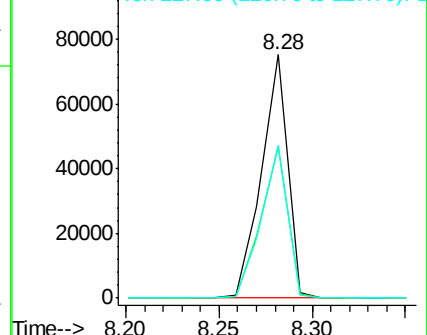
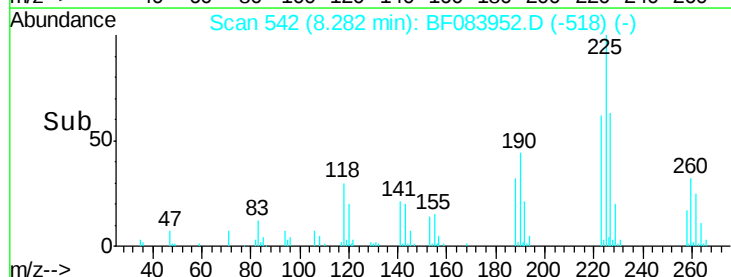


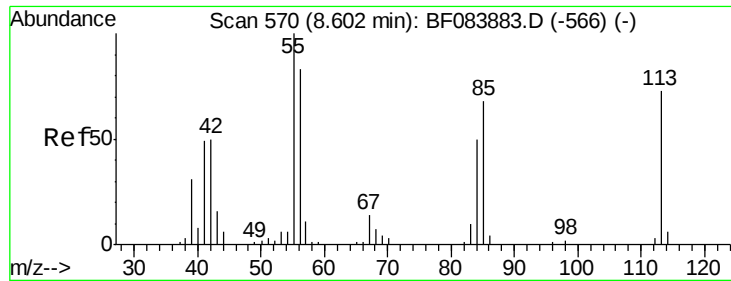
#34
Hexachlorobutadiene
Concen: 31.27 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion:	225	Resp:	72879
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.0
227	62.8	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.47 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

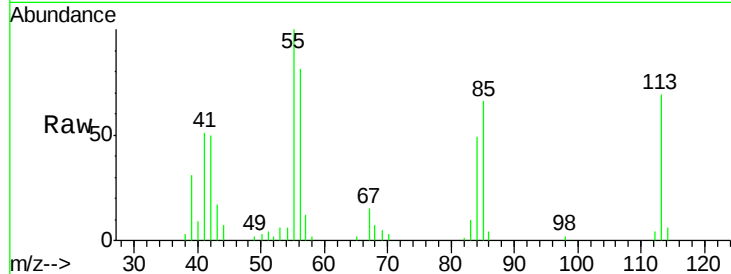
Tgt Ion:113 Resp: 28099

Ion Ratio Lower Upper

113 100

55 144.4 116.9 156.9

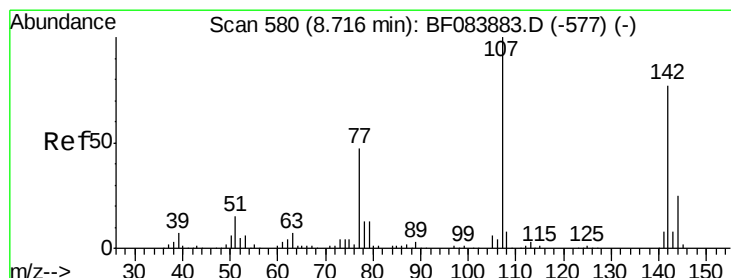
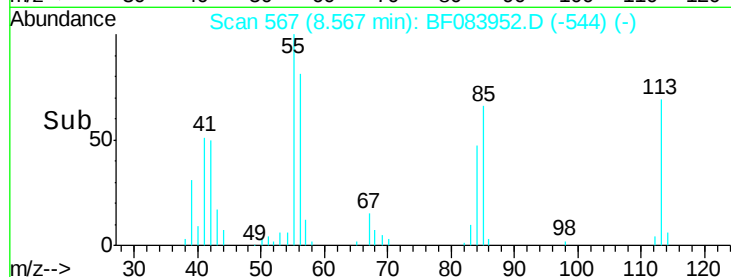
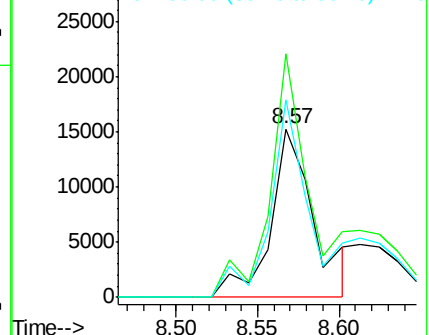
56 117.5 93.8 133.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.01 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

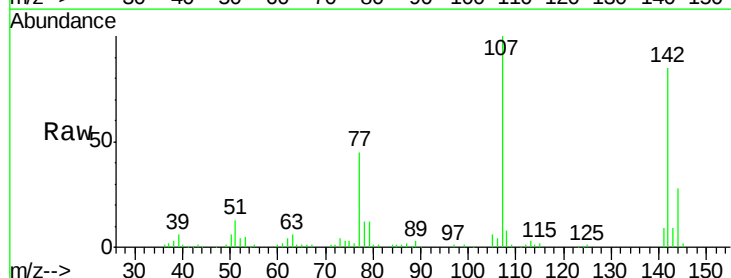
Tgt Ion:107 Resp: 142625

Ion Ratio Lower Upper

107 100

144 28.4 19.7 29.5

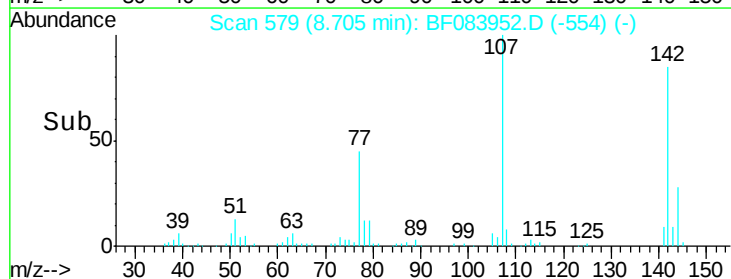
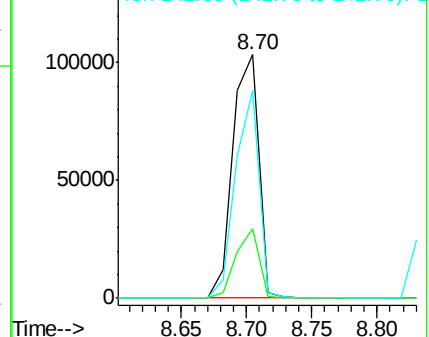
142 85.5 61.8 92.6

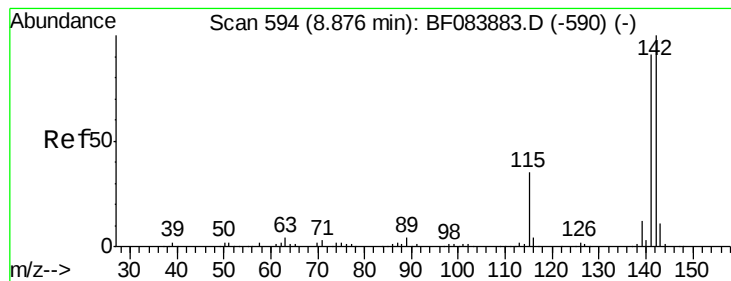


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.42 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

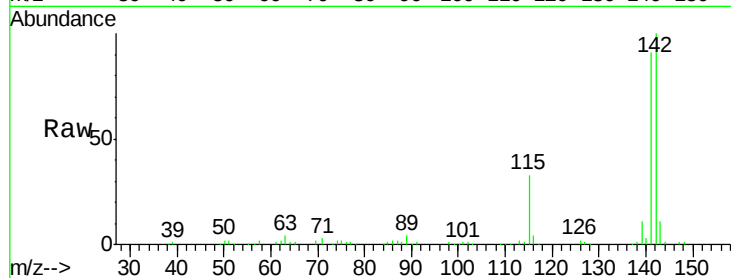
Tgt Ion:142 Resp: 291928

Ion Ratio Lower Upper

142 100

141 91.2 72.4 108.6

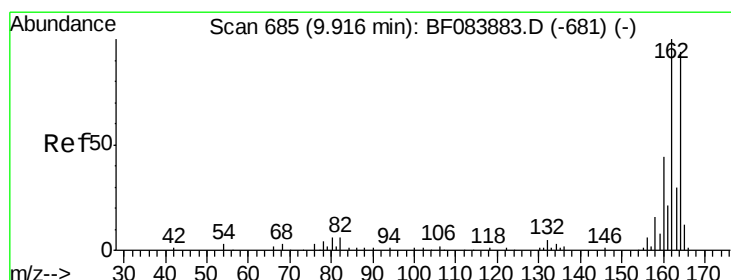
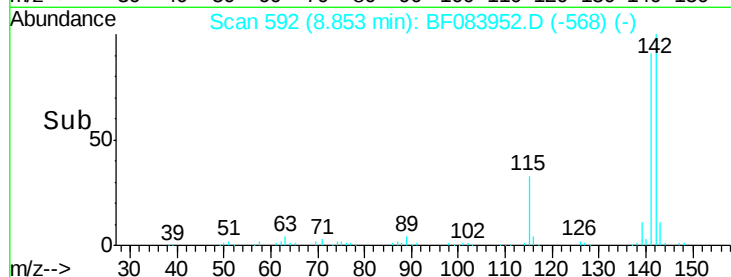
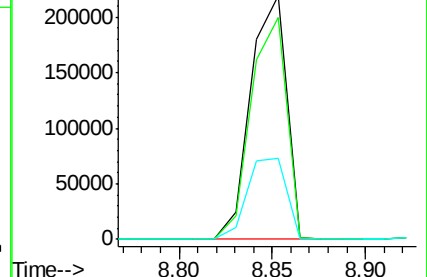
115 33.3 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

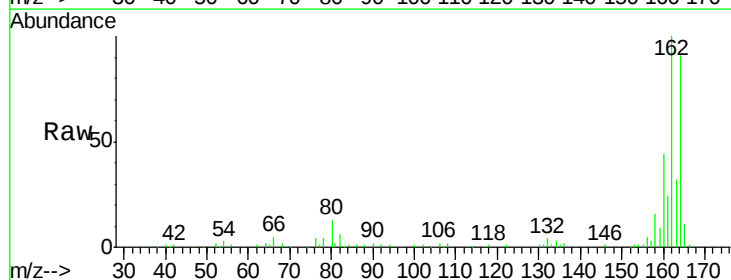
Tgt Ion:164 Resp: 123444

Ion Ratio Lower Upper

164 100

162 109.9 85.1 127.7

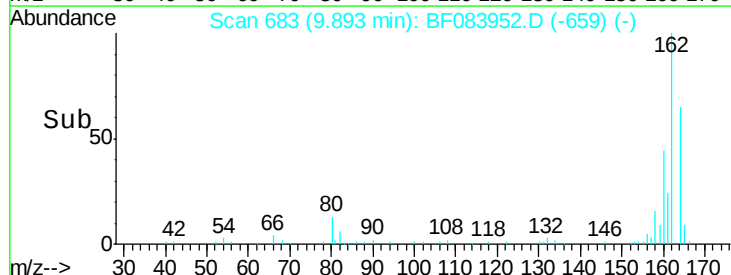
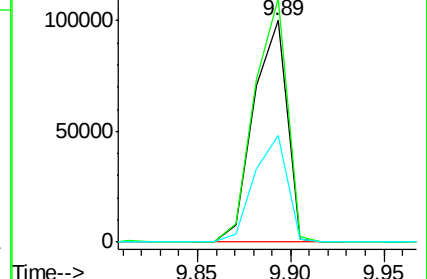
160 48.1 37.5 56.3

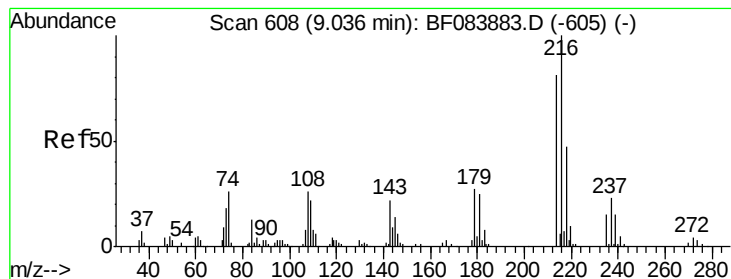


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.42 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

Tgt Ion:216 Resp: 114514

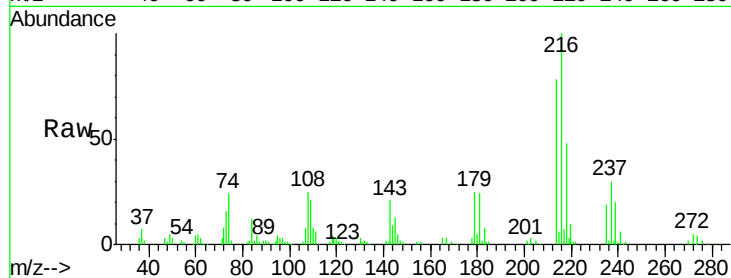
Ion Ratio Lower Upper

216 100

214 77.0 64.2 96.2

179 23.0 18.7 28.1

108 22.7 16.8 25.2

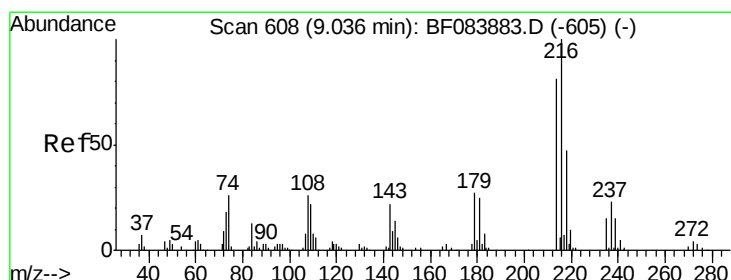
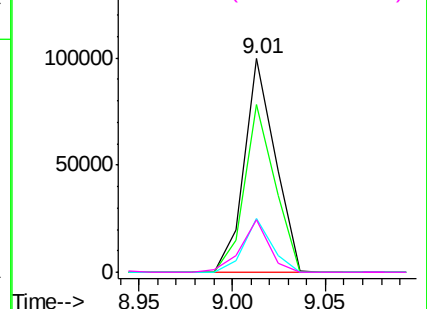
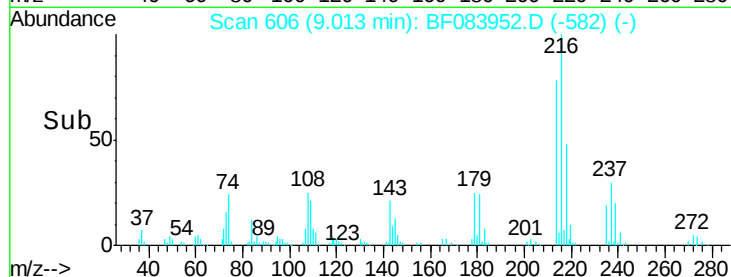


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 56.02 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

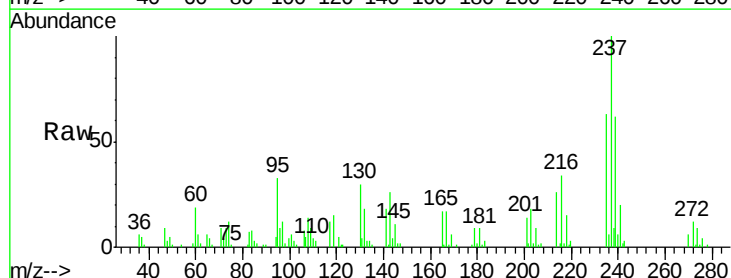
Tgt Ion:237 Resp: 63470

Ion Ratio Lower Upper

237 100

235 63.0 43.1 83.1

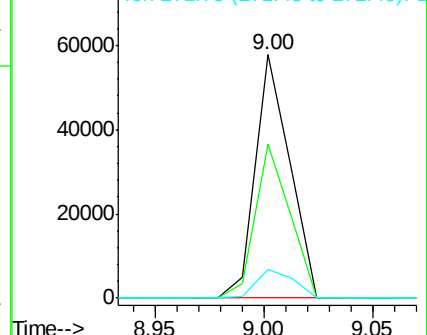
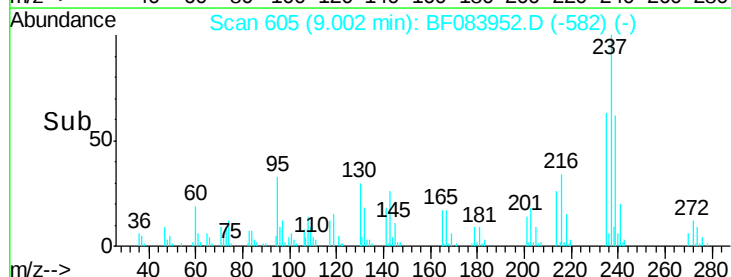
272 11.6 0.0 35.1

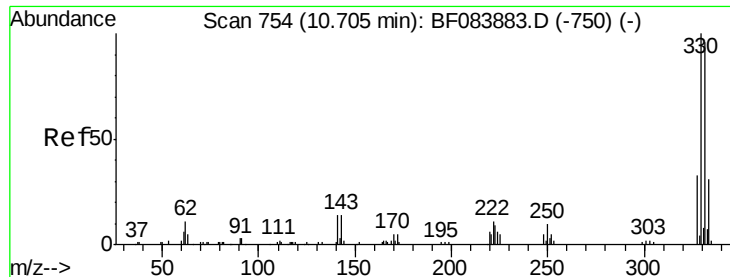


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

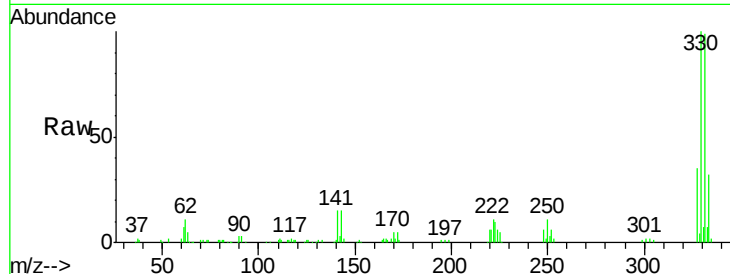




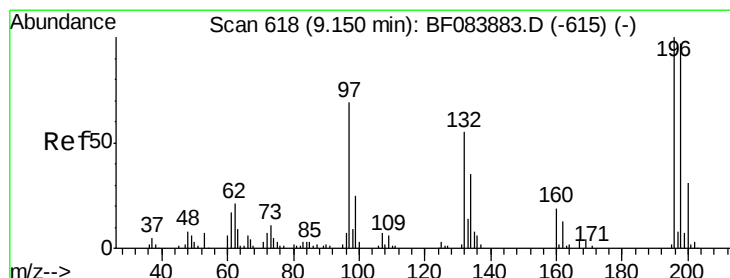
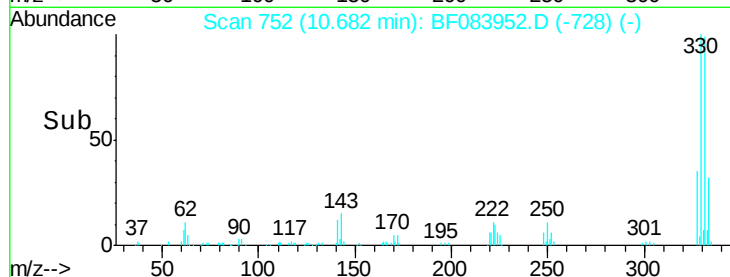
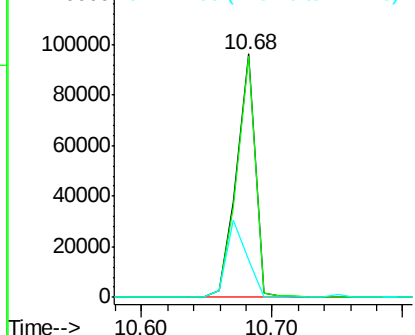
#41
 2,4,6-Tribromophenol
 Concen: 70.60 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tgt Ion:330 Resp: 96009
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 34.4 27.8 41.6

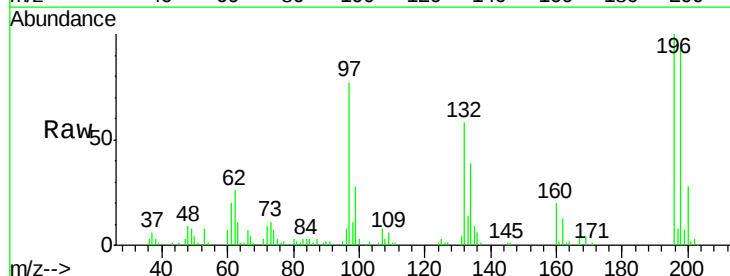


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

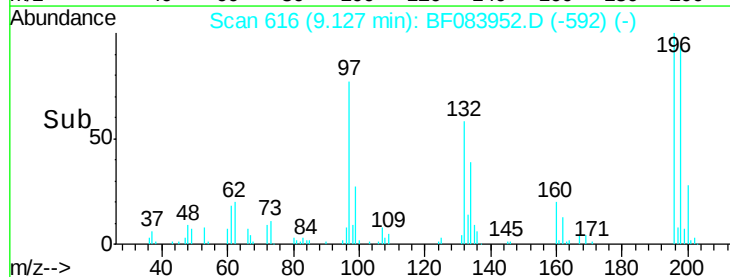
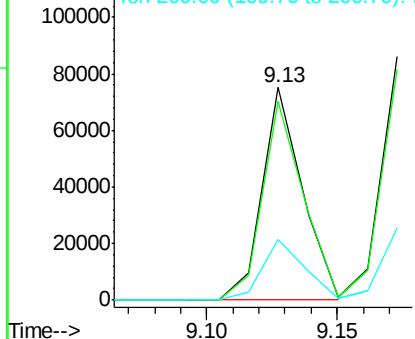


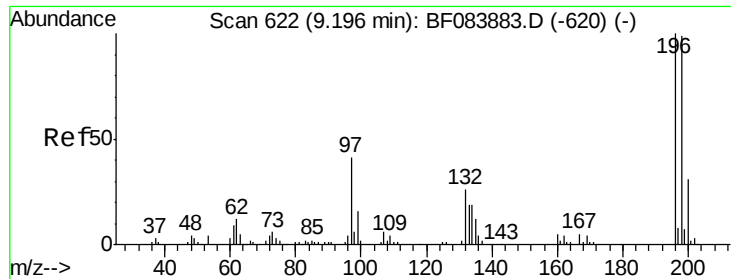
#42
 2,4,6-Trichlorophenol
 Concen: 30.92 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion:196 Resp: 79464
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.7 116.5
 200 28.5 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

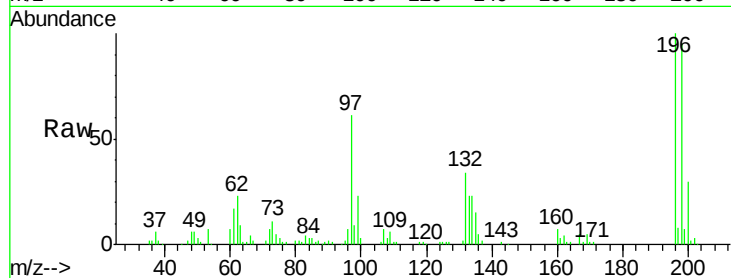




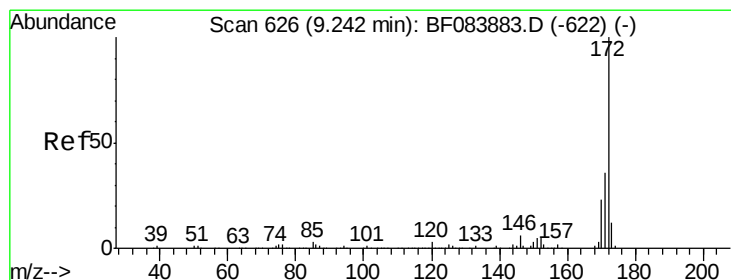
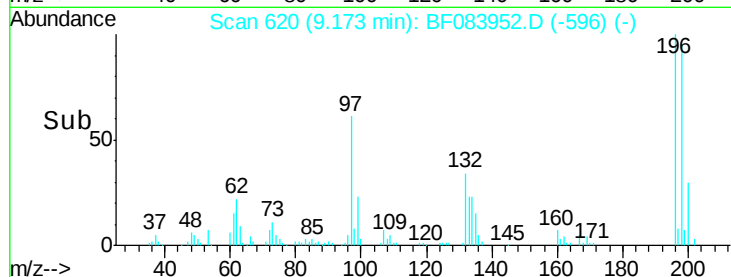
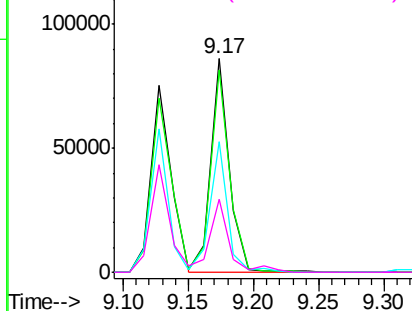
#43
 2,4,5-Trichlorophenol
 Concen: 33.63 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tgt Ion:196 Resp: 85521
 Ion Ratio Lower Upper
 196 100
 198 94.6 79.0 118.6
 97 61.4 33.0 49.6#
 132 34.3 21.1 31.7#

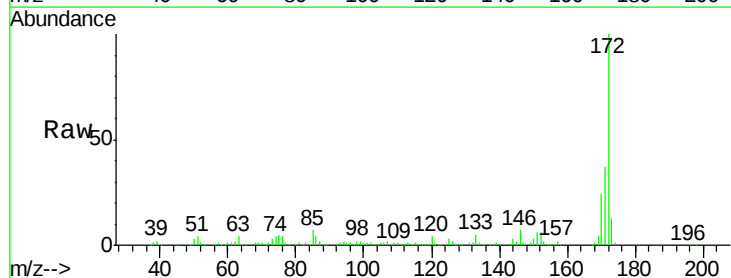


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

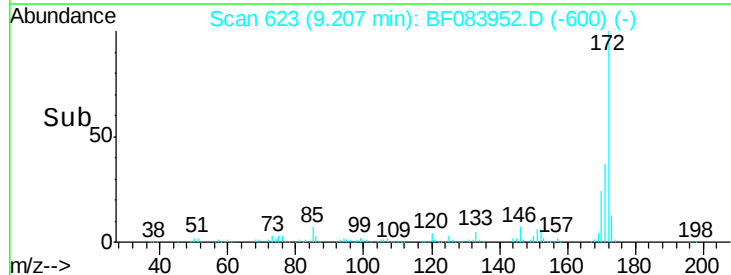
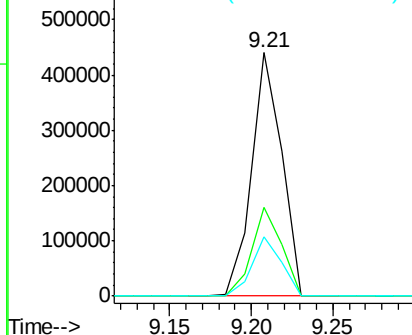


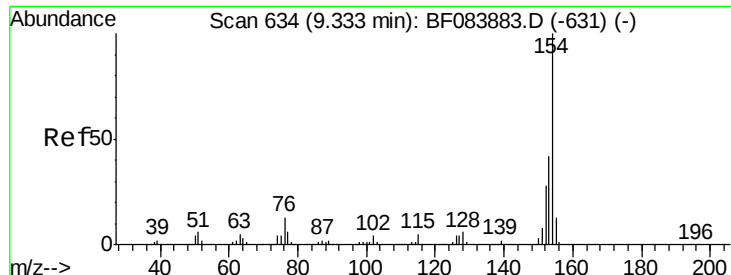
#44
 2-Fluorobiphenyl
 Concen: 61.33 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion:172 Resp: 563520
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.1 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

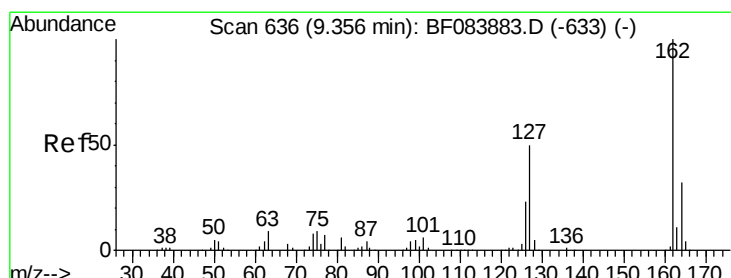
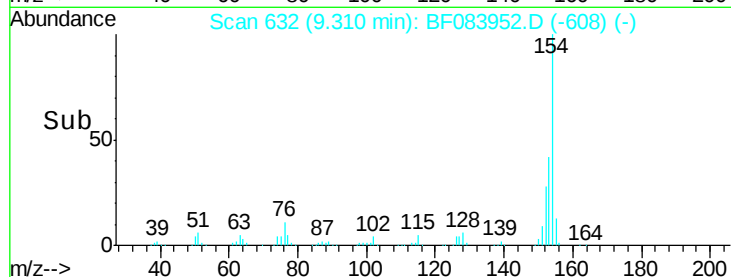
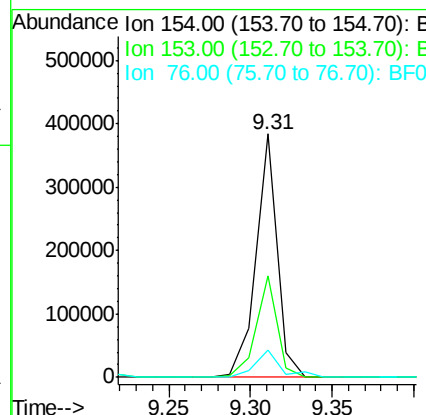
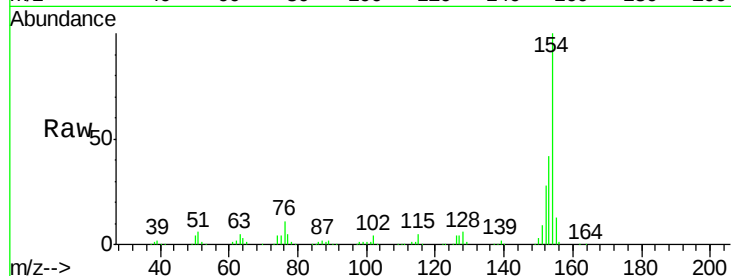




#45
 1,1'-Biphenyl
 Concen: 33.04 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

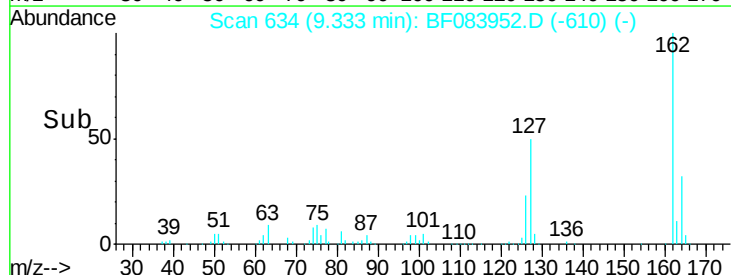
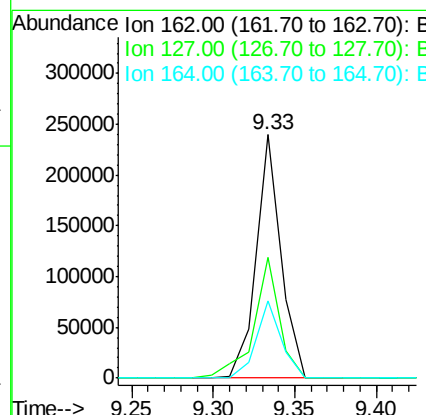
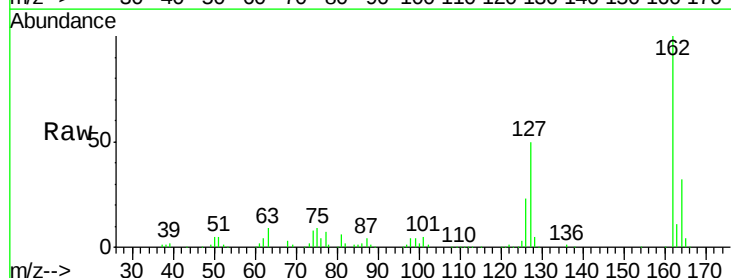
Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

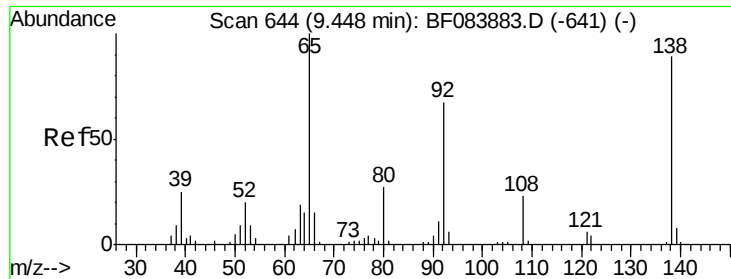
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.6	61.6
76	11.5	0.0	32.7



#46
 2-Chloronaphthalene
 Concen: 30.58 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	49.5	40.2	60.4
164	31.7	25.7	38.5

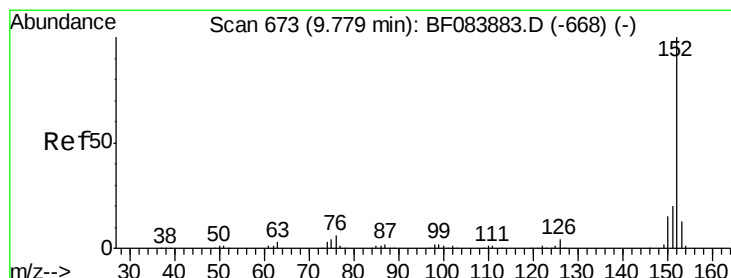
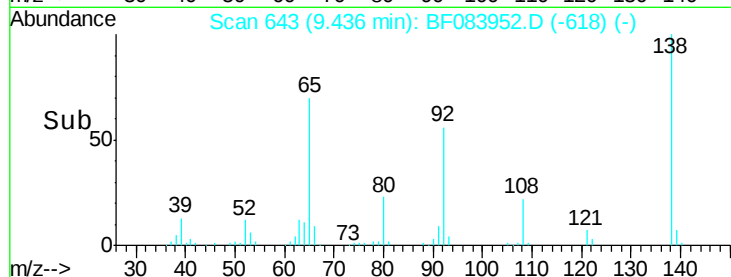
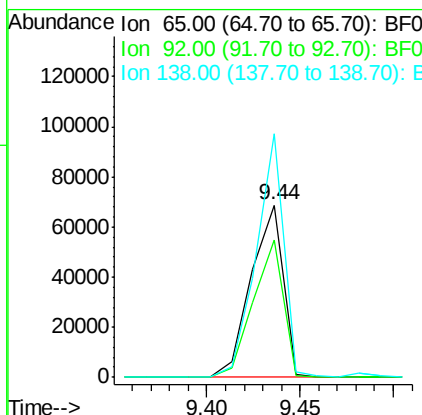
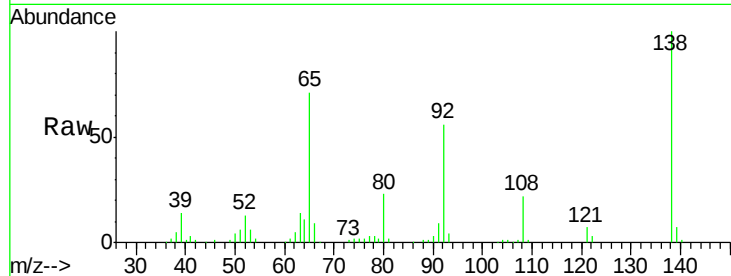




#47
2-Nitroaniline
Concen: 33.43 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

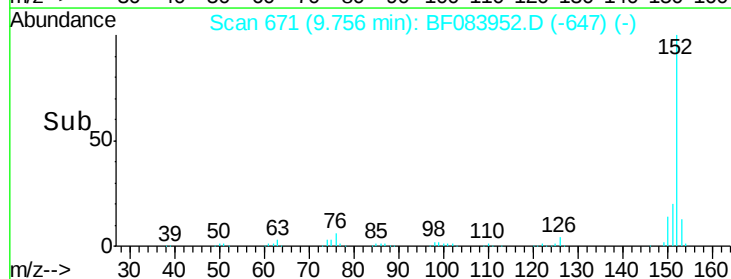
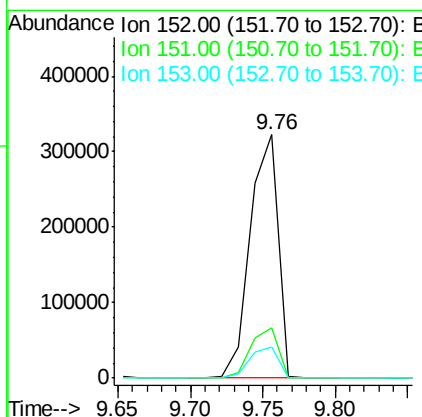
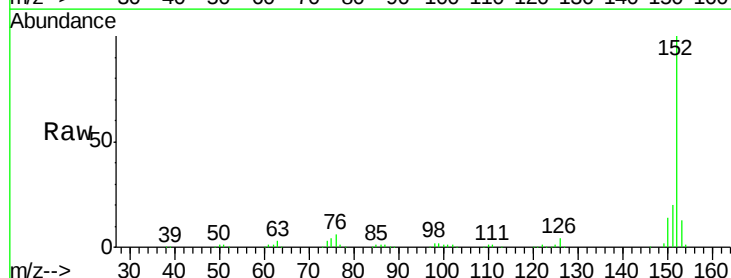
Instrument :
BNA_F
ClientSampleId :
PB87402BSD

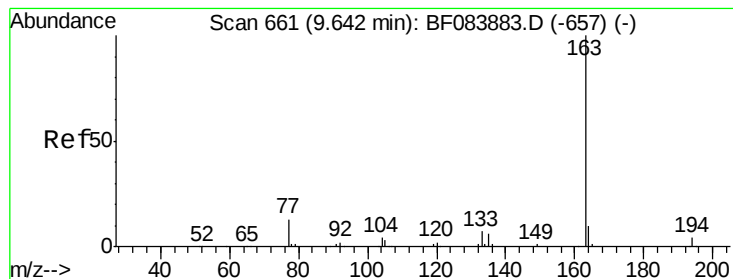
Tgt Ion: 65 Resp: 81621
Ion Ratio Lower Upper
65 100
92 79.8 53.4 80.2
138 141.3 71.1 106.7#



#48
Acenaphthylene
Concen: 29.93 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion: 152 Resp: 430725
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 12.7 10.4 15.6





#49

Dimethylphthalate

Concen: 33.06 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

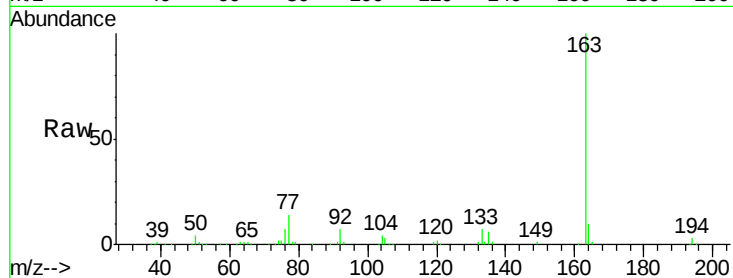
Tgt Ion:163 Resp: 342409

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

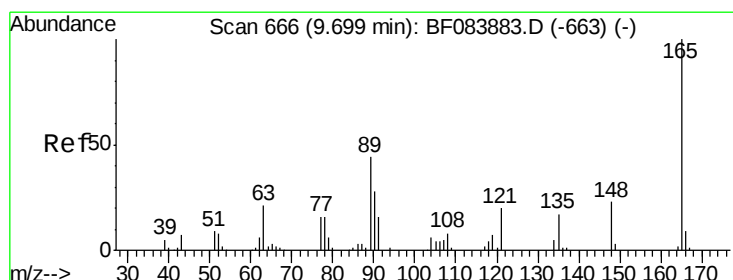
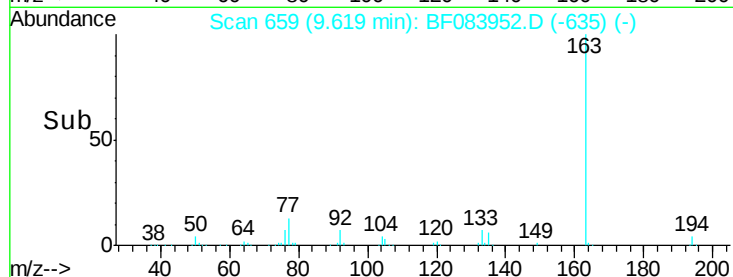
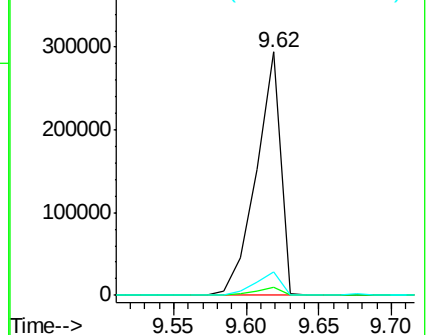
164 9.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 33.24 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

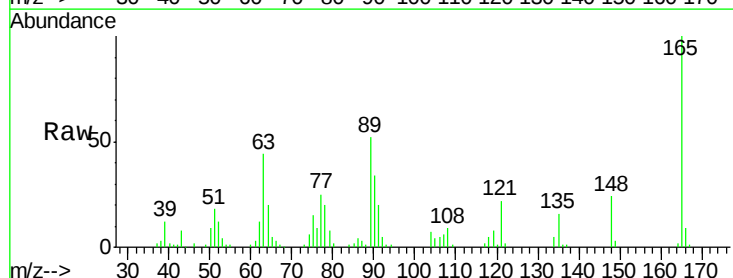
Tgt Ion:165 Resp: 75107

Ion Ratio Lower Upper

165 100

63 44.2 28.8 43.2#

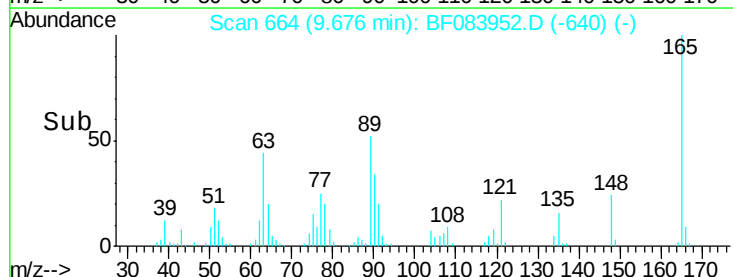
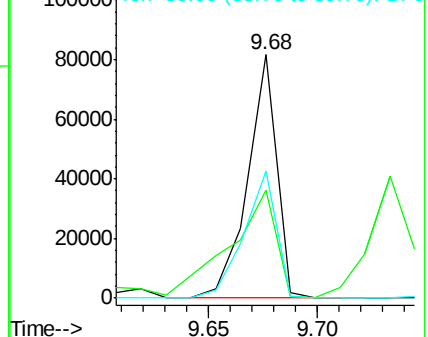
89 52.5 35.1 52.7

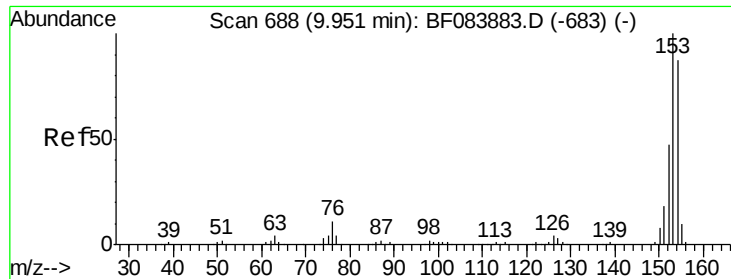


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.58 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampled :

PB87402BSD

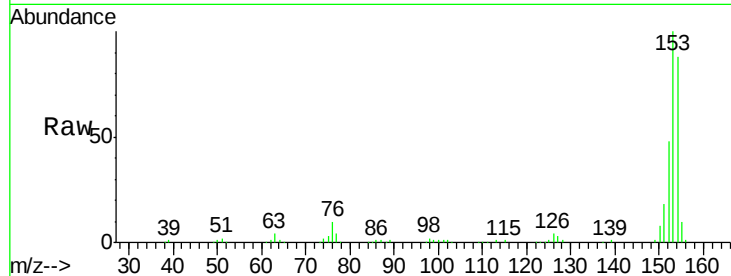
Tgt Ion:154 Resp: 297105

Ion Ratio Lower Upper

154 100

153 113.1 91.5 137.3

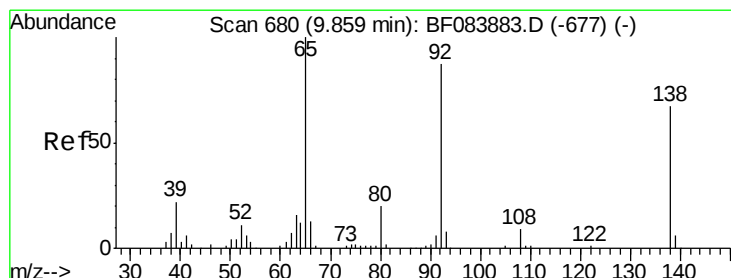
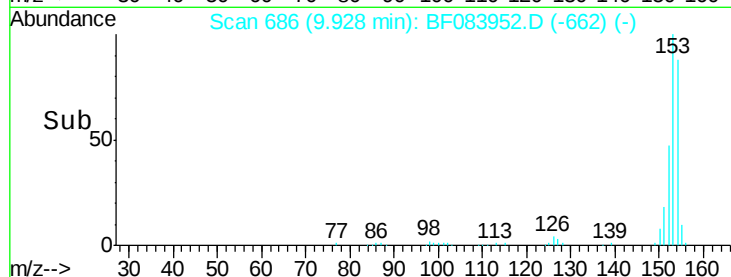
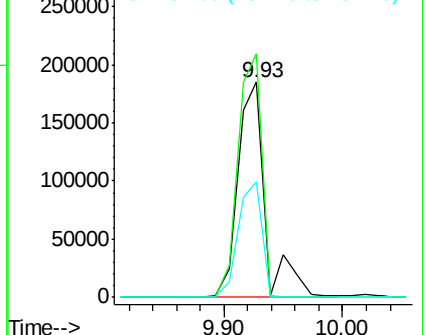
152 53.9 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.70 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

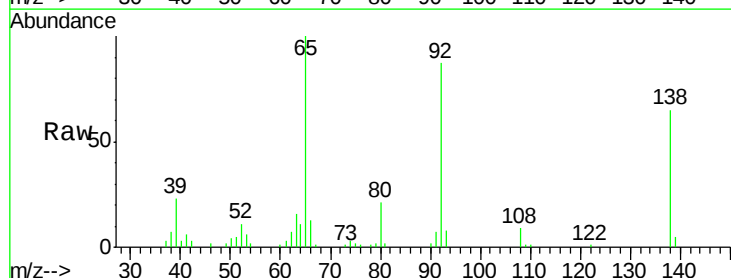
Tgt Ion:138 Resp: 39765

Ion Ratio Lower Upper

138 100

108 13.9 10.5 15.7

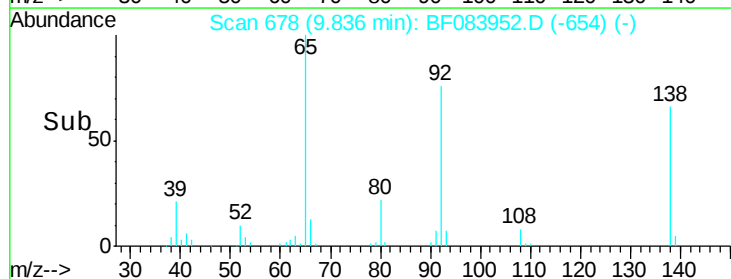
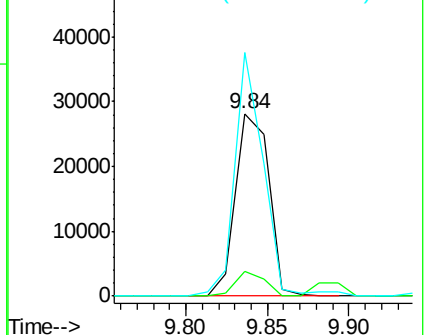
92 133.5 103.9 155.9

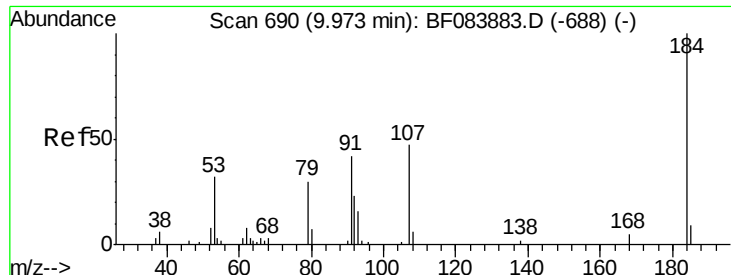


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

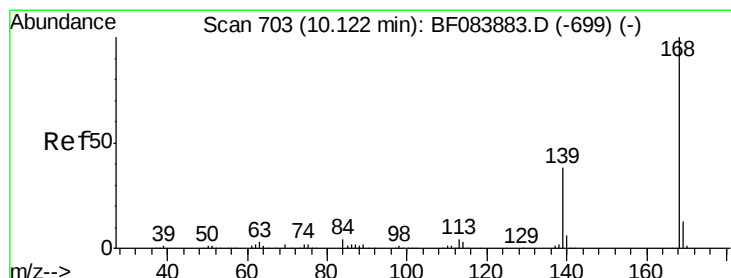
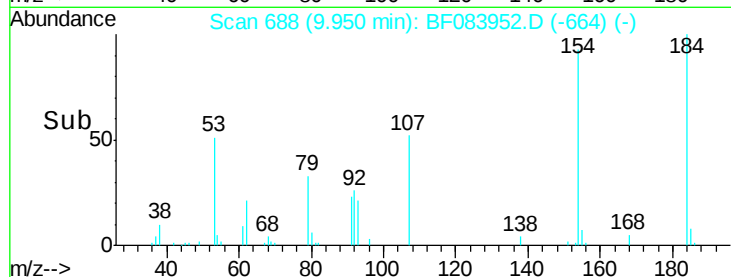
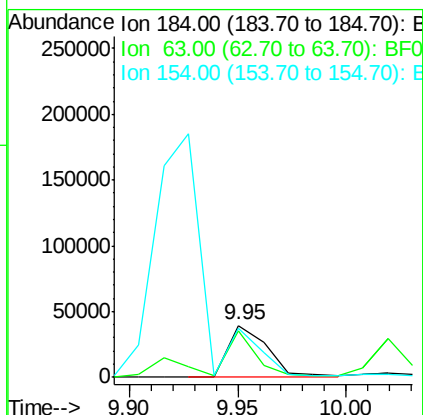
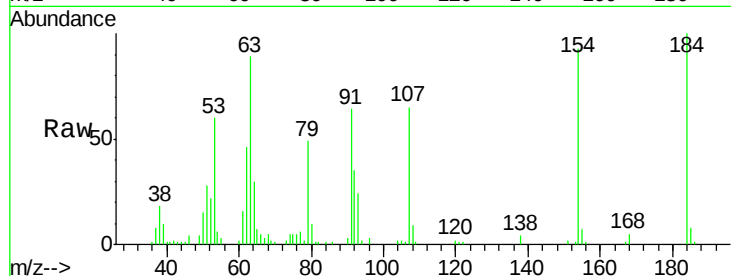




#53
2,4-Dinitrophenol
Concen: 64.45 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

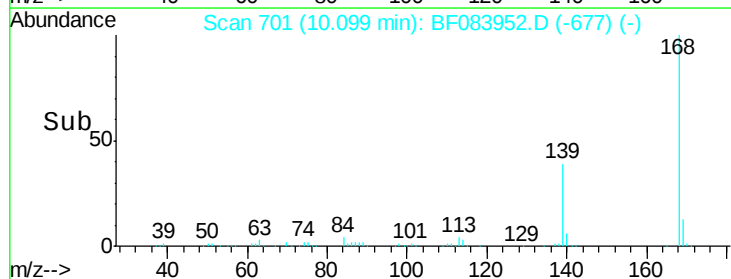
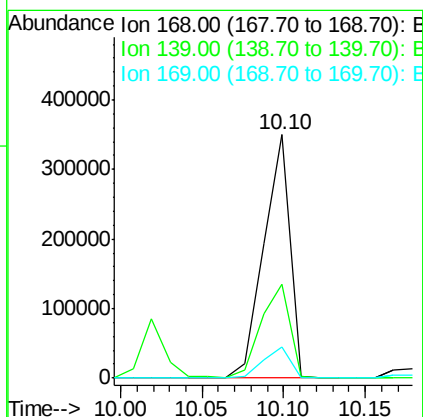
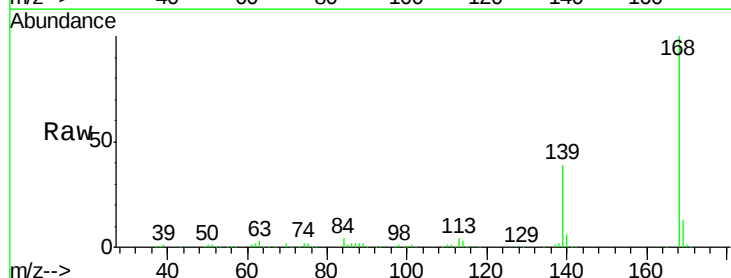
Instrument :
BNA_F
ClientSampleId :
PB87402BSD

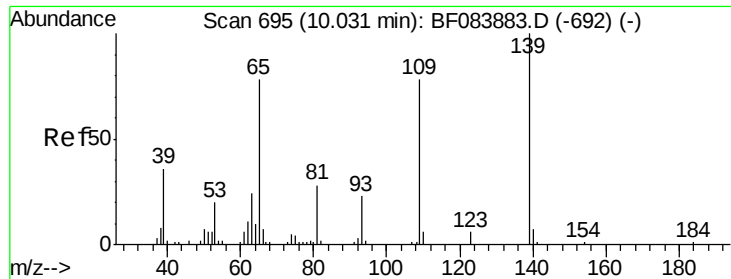
Tgt Ion:184 Resp: 50421
Ion Ratio Lower Upper
184 100
63 88.8 43.1 64.7#
154 93.2 60.5 90.7#



#54
Dibenzofuran
Concen: 34.05 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion:168 Resp: 391288
Ion Ratio Lower Upper
168 100
139 38.6 30.5 45.7
169 12.8 10.4 15.6





#55

4-Nitrophenol

Concen: 58.41 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

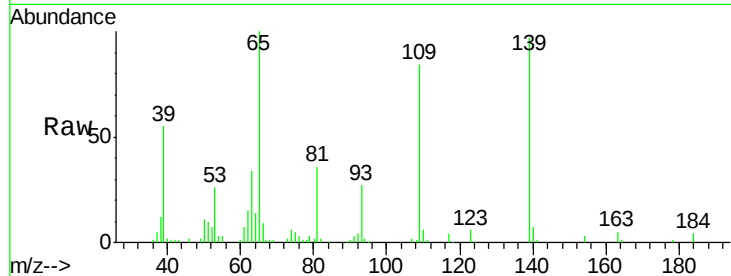
Tgt Ion:139 Resp: 86854

Ion Ratio Lower Upper

139 100

109 86.9 58.5 98.5

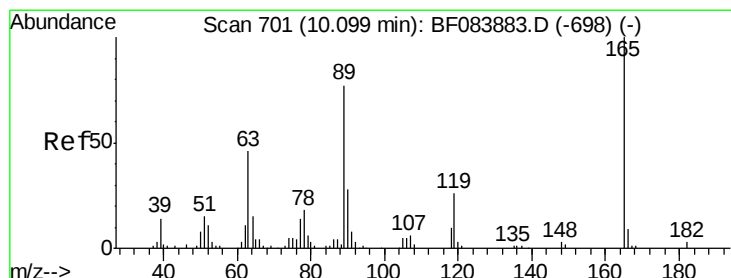
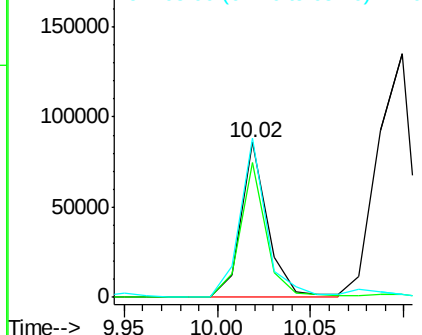
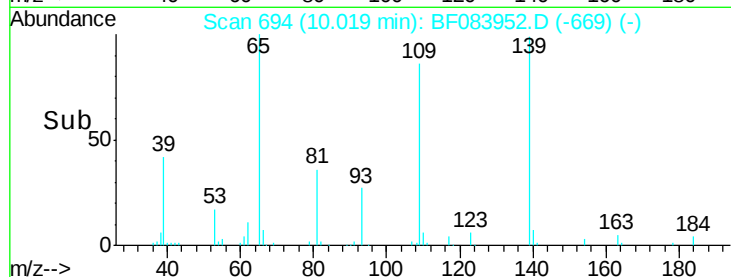
65 103.0 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 32.35 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:165 Resp: 93697

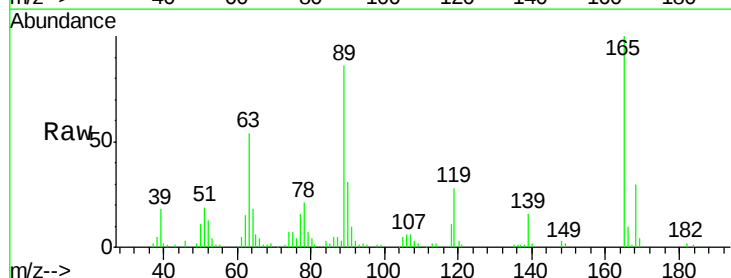
Ion Ratio Lower Upper

165 100

63 53.6 36.7 55.1

89 86.0 61.9 92.9

182 2.3 2.0 3.0

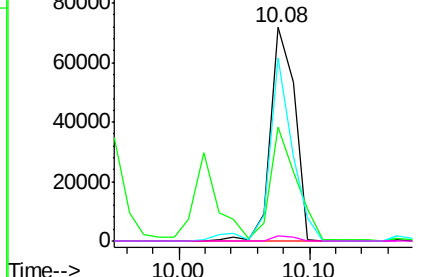
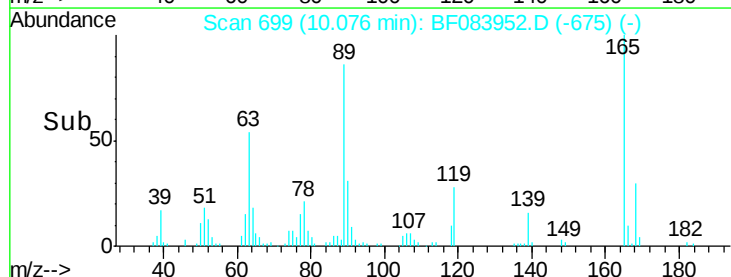


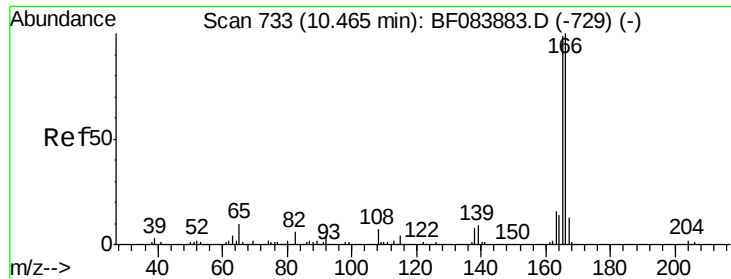
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

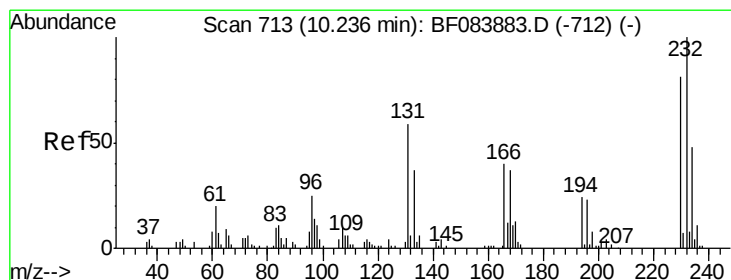
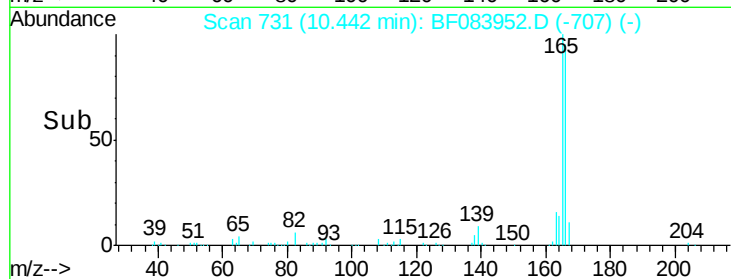
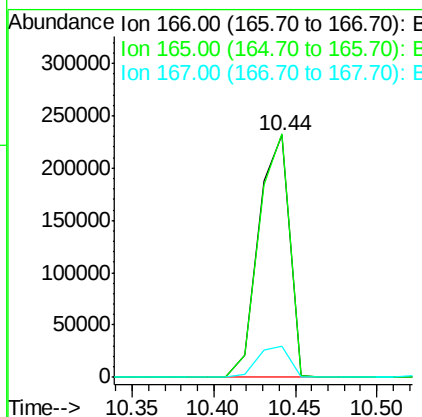
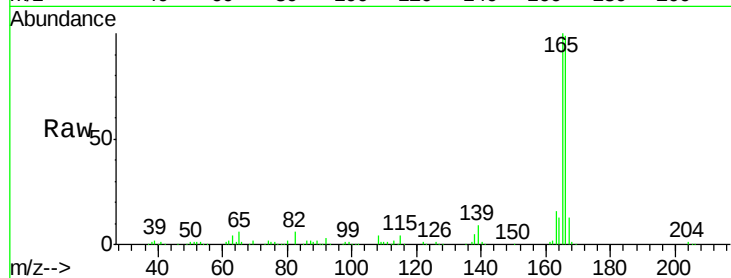




#57
 Fluorene
 Concen: 33.99 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

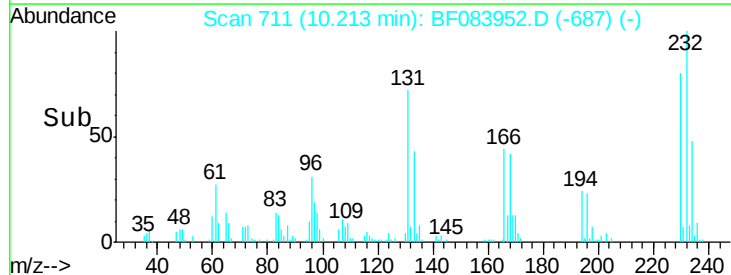
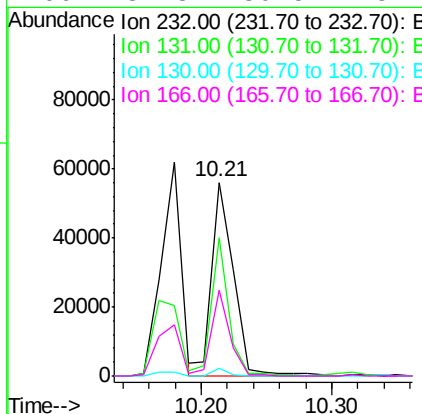
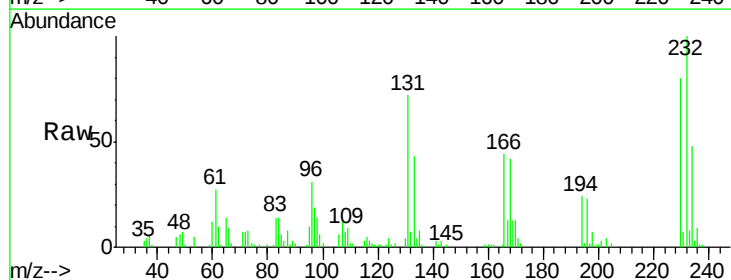
Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

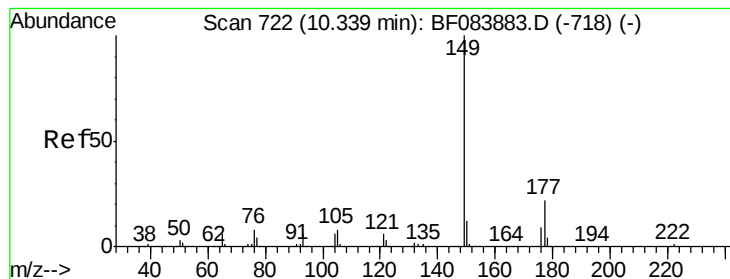
Tgt Ion:166 Resp: 303522
 Ion Ratio Lower Upper
 166 100
 165 100.5 79.1 118.7
 167 12.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.03 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion:232 Resp: 65916
 Ion Ratio Lower Upper
 232 100
 131 57.3 47.0 70.6
 130 2.7 2.0 3.0
 166 37.3 30.5 45.7





#59

Diethylphthalate

Concen: 33.25 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

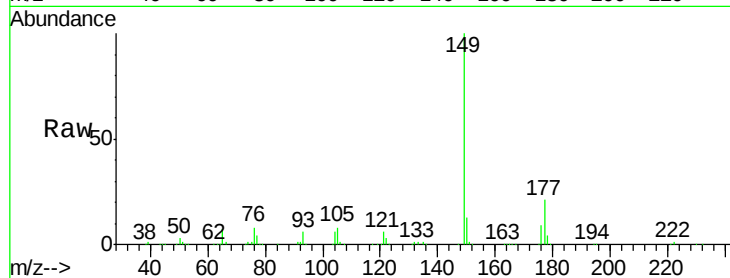
Tgt Ion:149 Resp: 356087

Ion Ratio Lower Upper

149 100

177 21.3 17.3 25.9

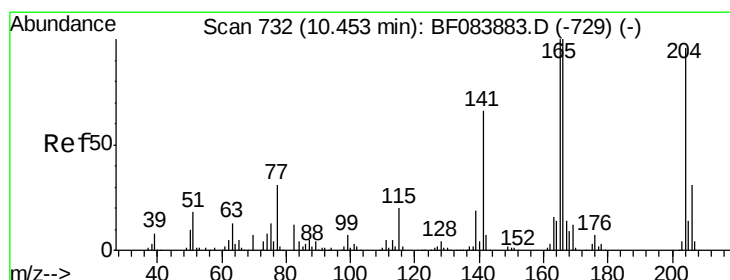
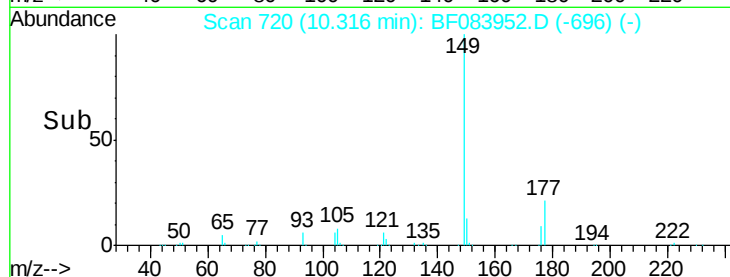
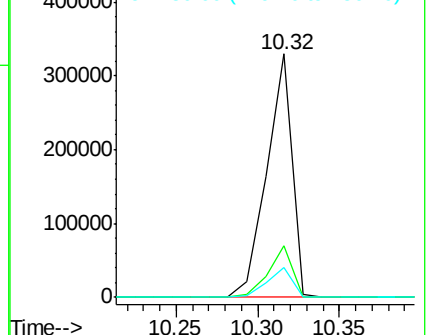
150 12.5 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.93 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

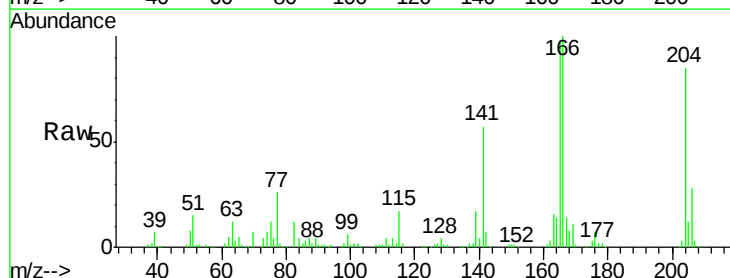
Tgt Ion:204 Resp: 145052

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

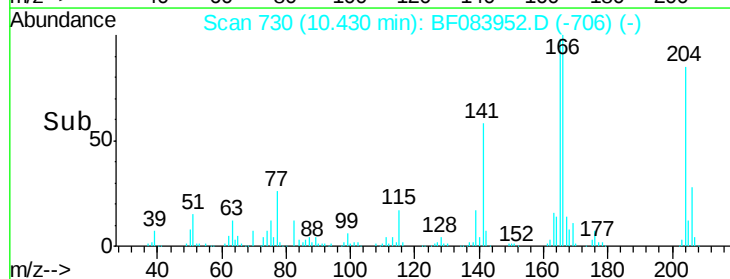
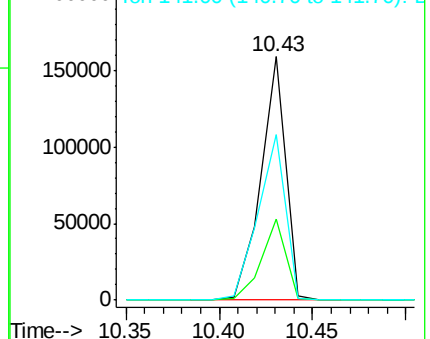
141 67.9 55.1 82.7

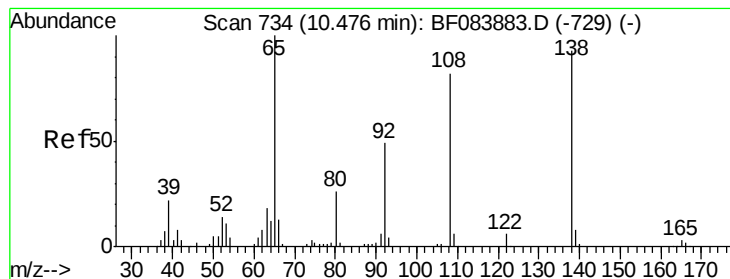


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 26.06 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

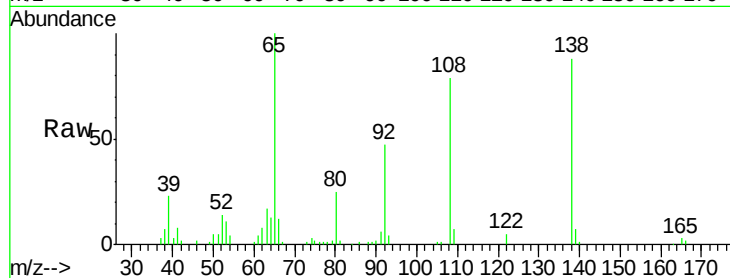
Tgt Ion:138 Resp: 64222

Ion Ratio Lower Upper

138 100

92 53.2 32.6 72.6

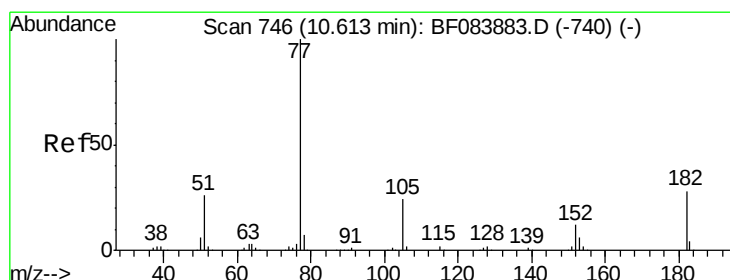
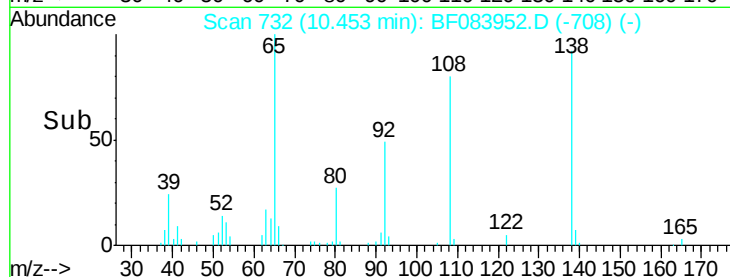
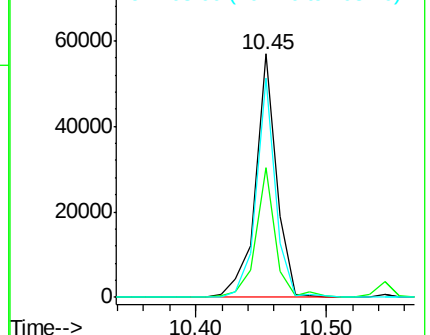
108 90.2 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.24 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion: 77 Resp: 325293

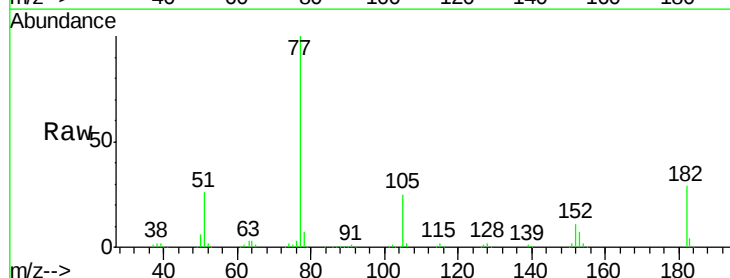
Ion Ratio Lower Upper

77 100

182 29.1 8.3 48.3

105 25.1 4.6 44.6

51 26.0 6.2 46.2

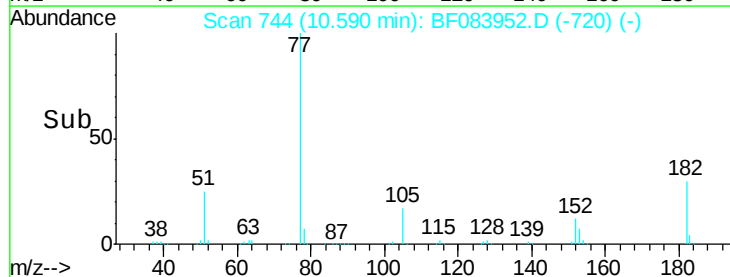
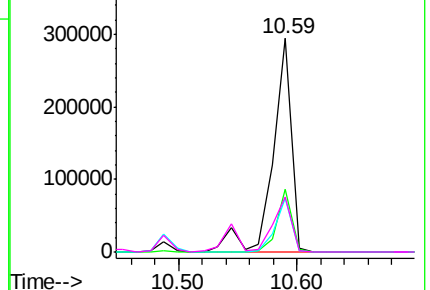


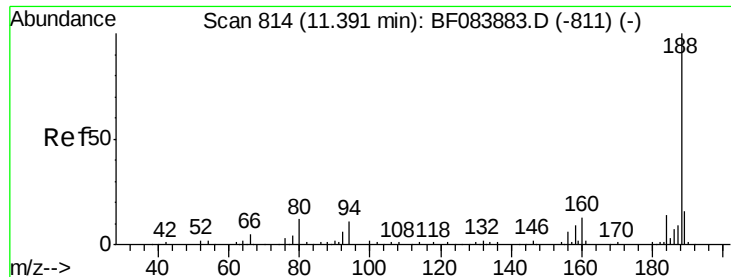
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

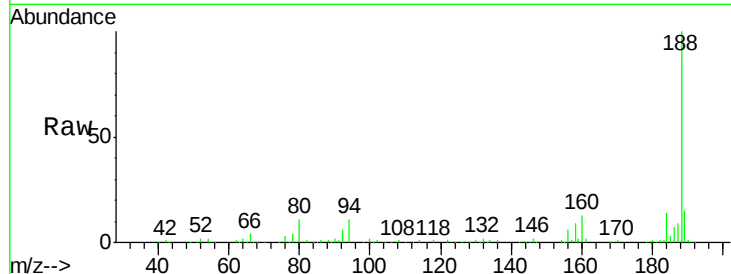




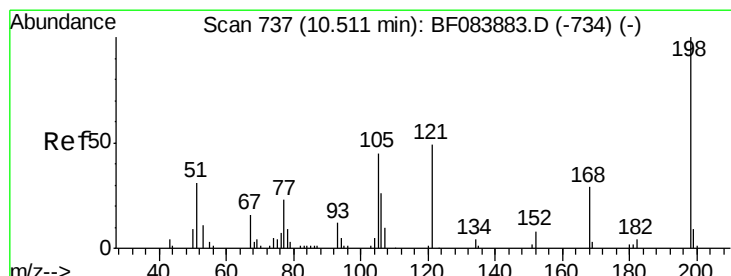
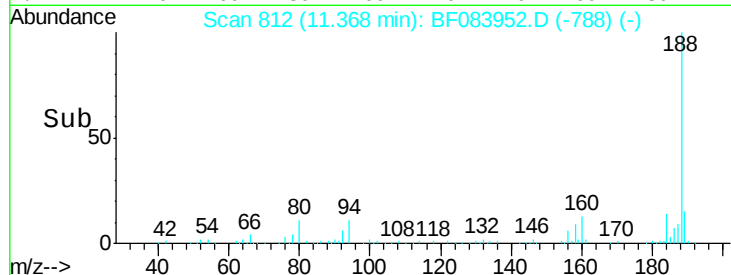
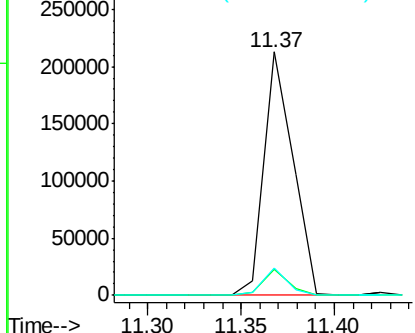
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tgt Ion:188 Resp: 228248
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.0 13.4
 80 11.1 9.6 14.4

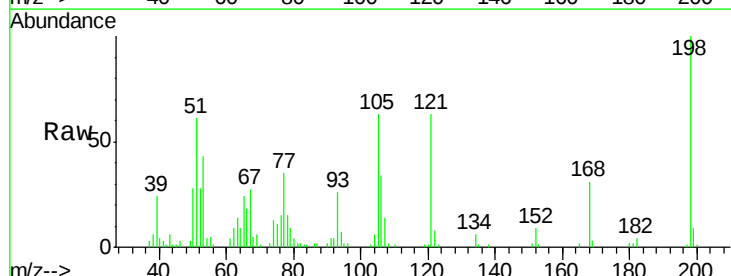


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

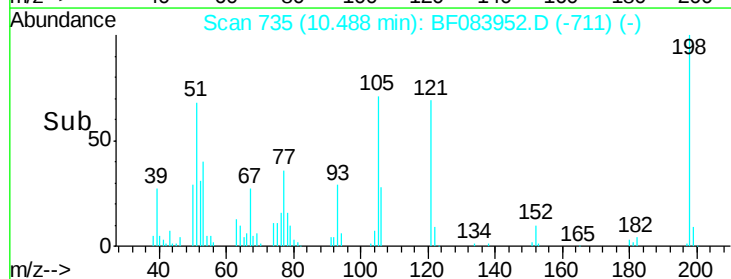
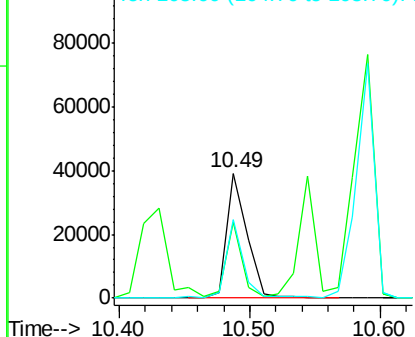


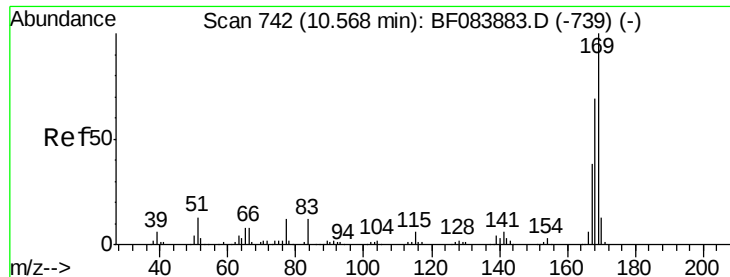
#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.48 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion:198 Resp: 42093
 Ion Ratio Lower Upper
 198 100
 51 60.5 18.9 58.9#
 105 63.1 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 30.78 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

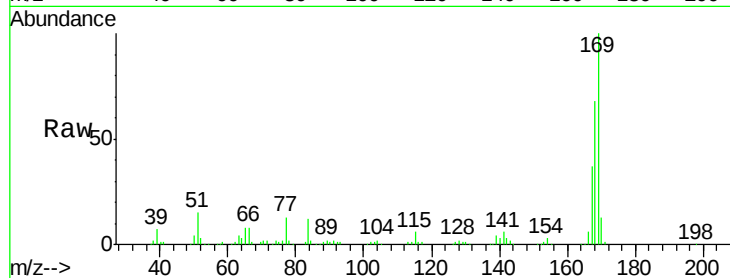
Tgt Ion:169 Resp: 255617

Ion Ratio Lower Upper

169 100

168 68.2 55.1 82.7

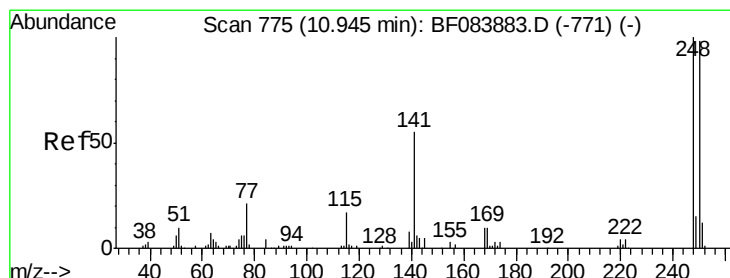
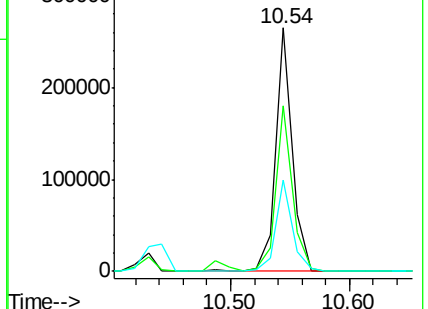
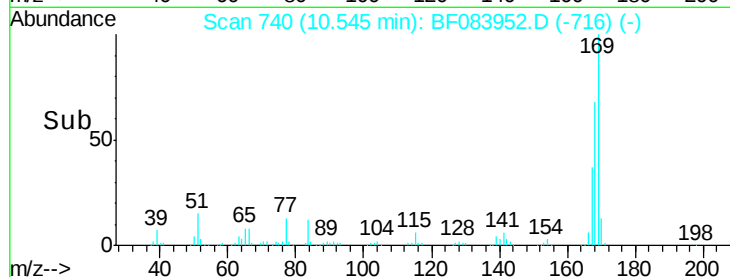
167 37.4 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 29.47 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

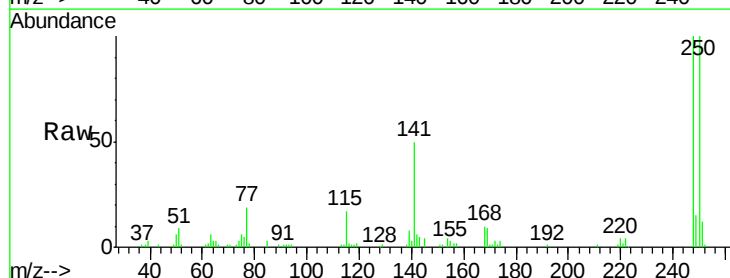
Tgt Ion:248 Resp: 82243

Ion Ratio Lower Upper

248 100

250 100.2 78.4 117.6

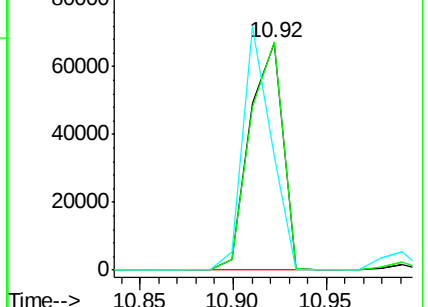
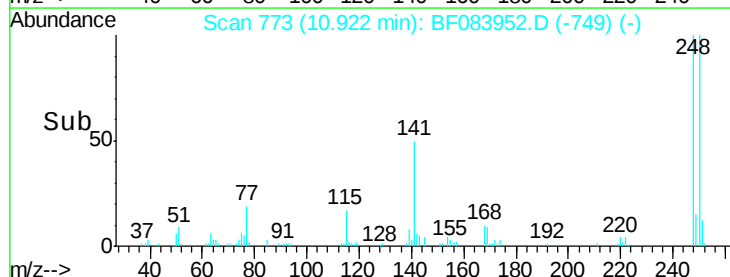
141 50.0 44.0 66.0

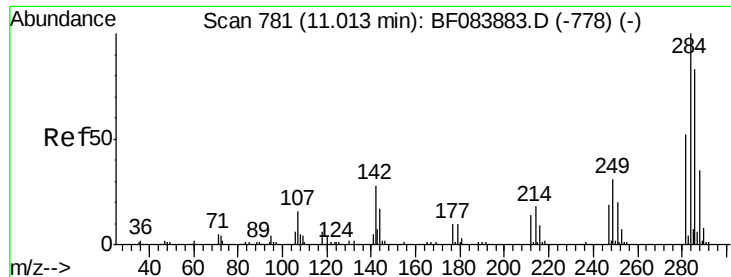


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

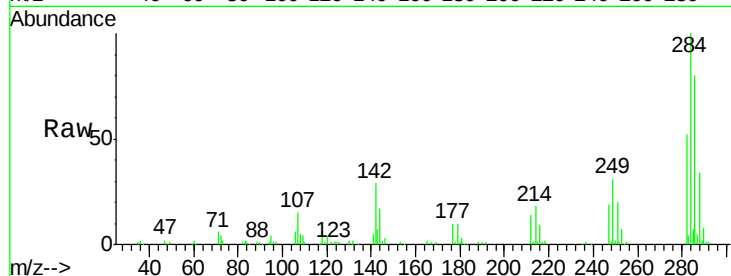




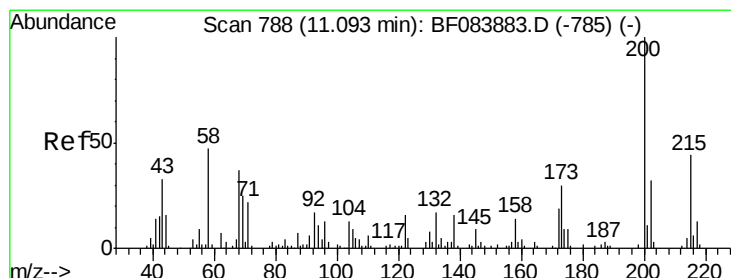
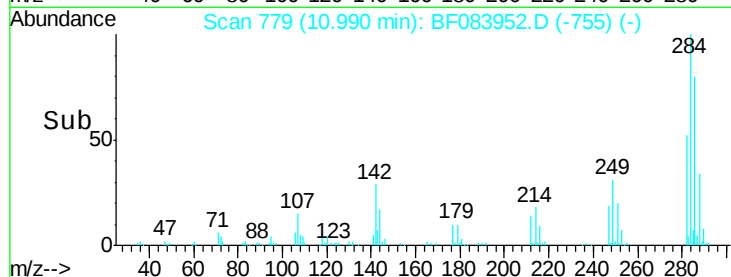
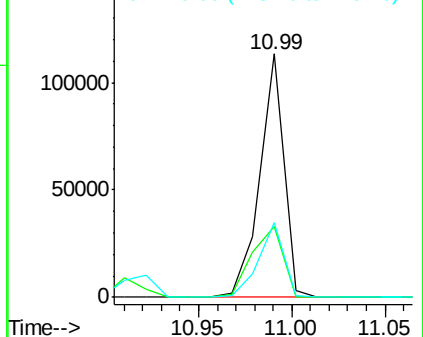
#67
Hexachlorobenzene
Concen: 34.17 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	22.2	33.4
249	30.8	24.6	37.0

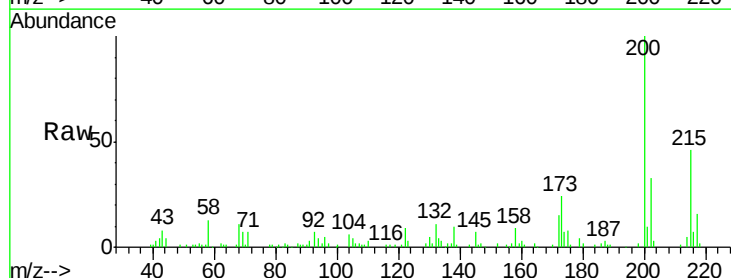


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

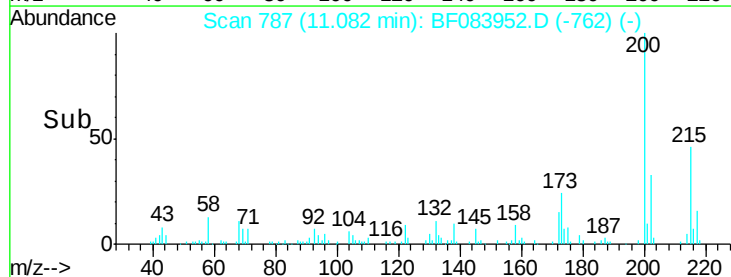
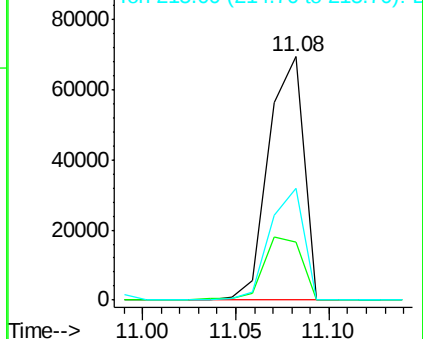


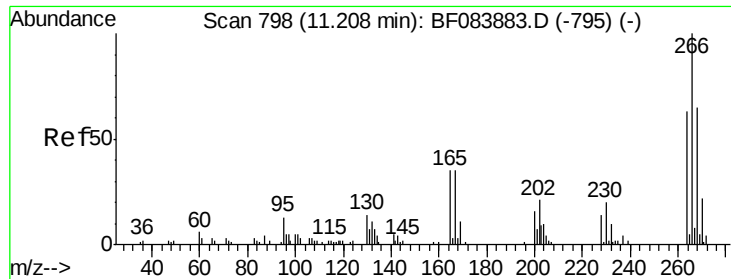
#68
Atrazine
Concen: 34.46 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.7	9.5	49.5
215	46.2	23.8	63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

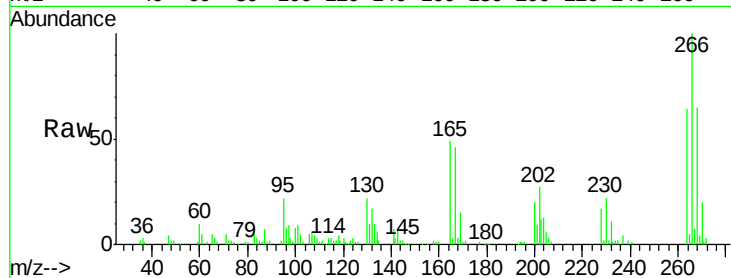




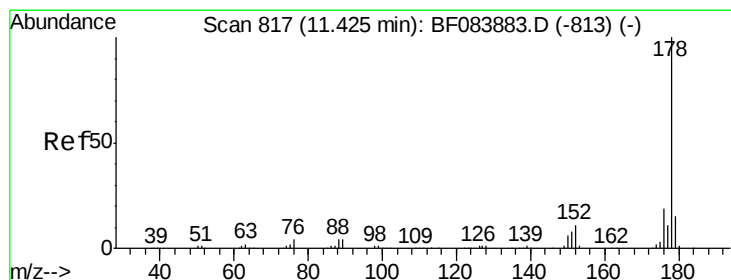
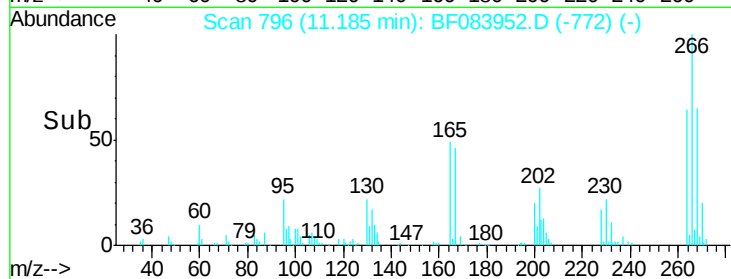
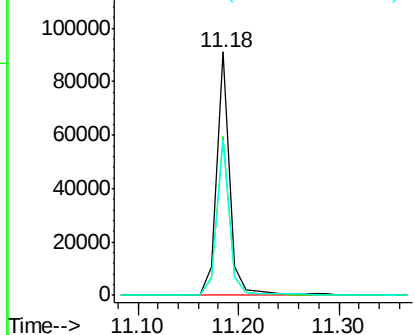
#69
 Pentachlorophenol
 Concen: 66.67 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tgt Ion:266 Resp: 82083
 Ion Ratio Lower Upper
 266 100
 268 65.5 52.4 78.6
 264 63.6 50.2 75.2

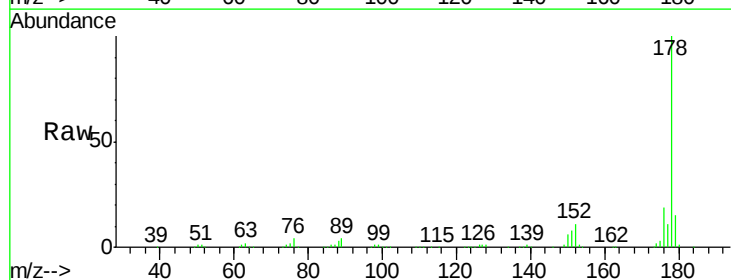


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

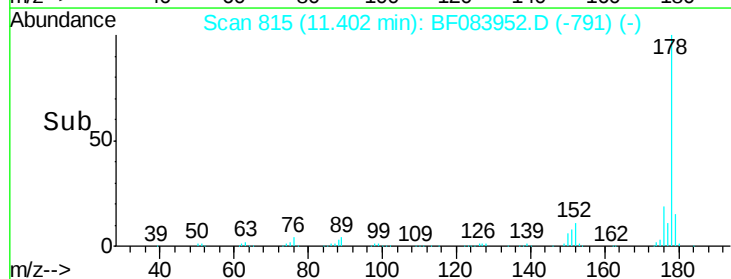
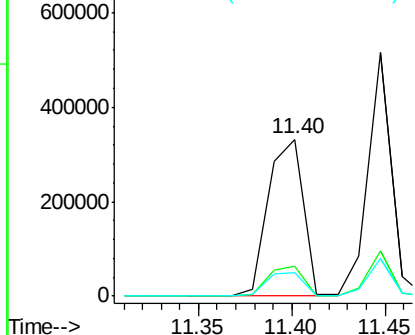


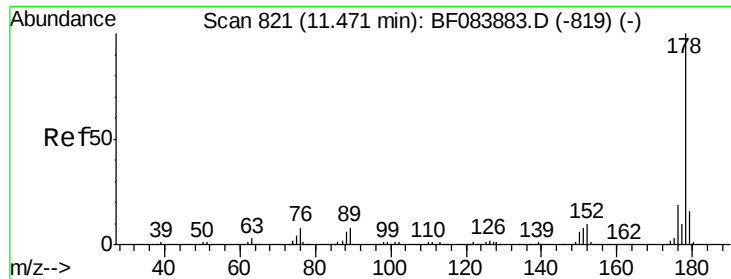
#70
 Phenanthrene
 Concen: 31.89 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion:178 Resp: 439757
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 14.7 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

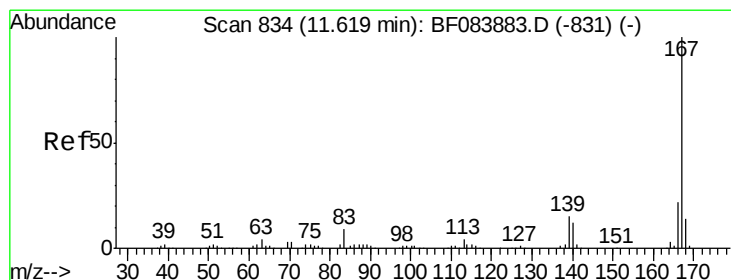
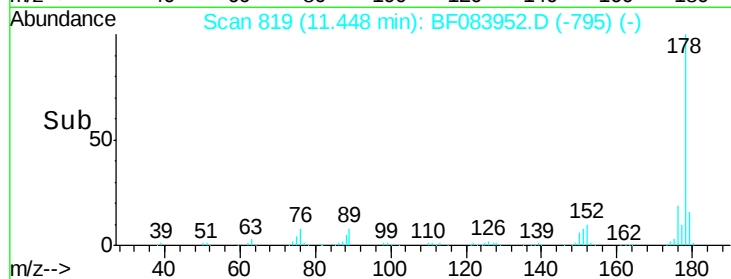
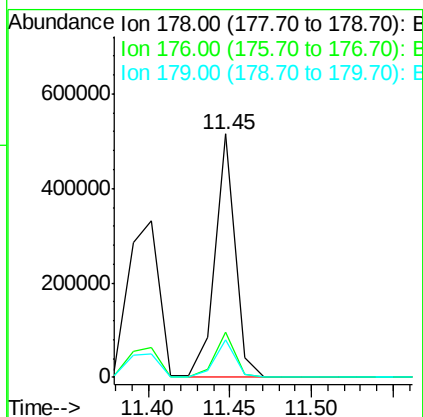
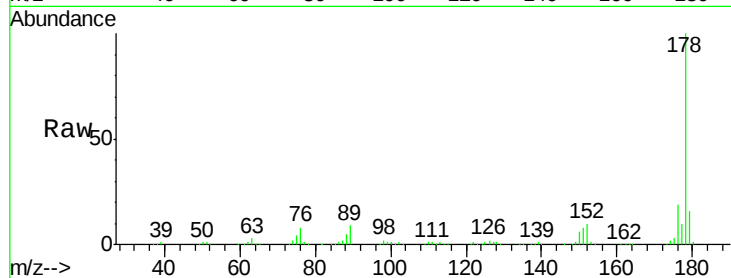




#71
 Anthracene
 Concen: 33.15 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

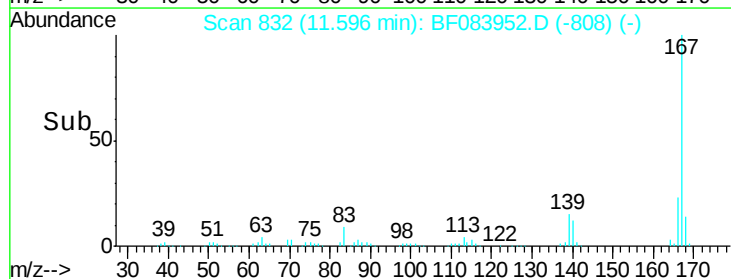
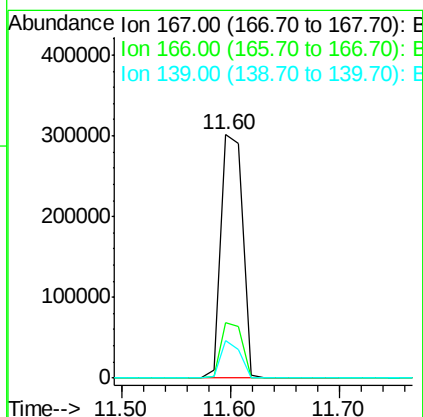
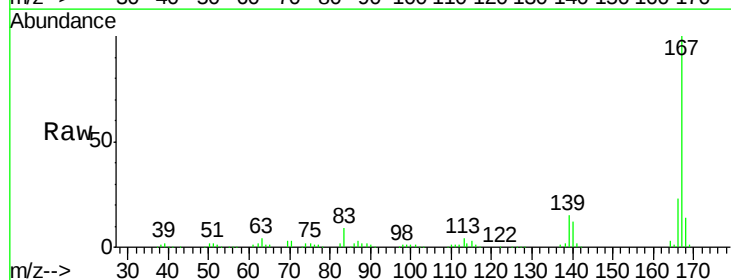
Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

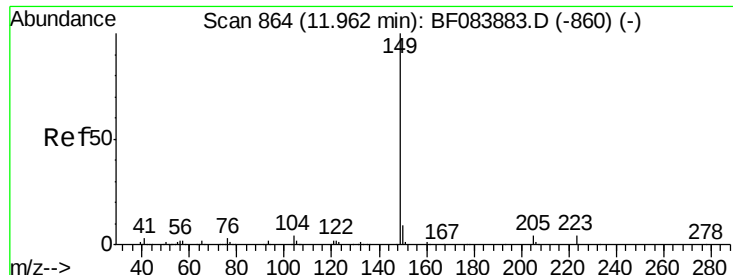
Tgt Ion:178 Resp: 441921
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.7 12.5 18.7



#72
 Carbazole
 Concen: 31.76 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion:167 Resp: 418260
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 15.3 11.8 17.8





#73

Di-n-butylphthalate

Concen: 36.05 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

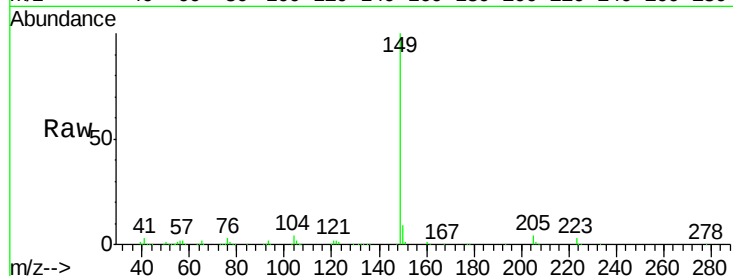
Tgt Ion:149 Resp: 557929

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

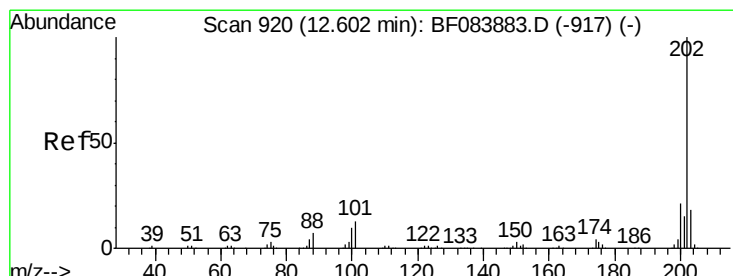
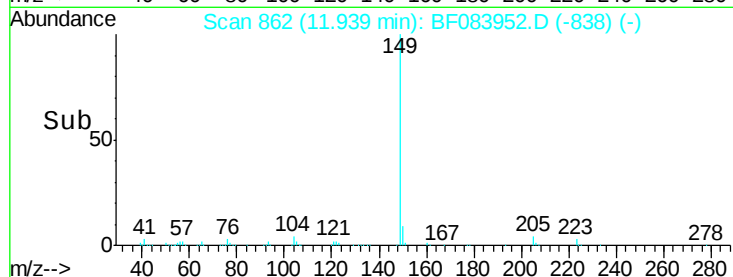
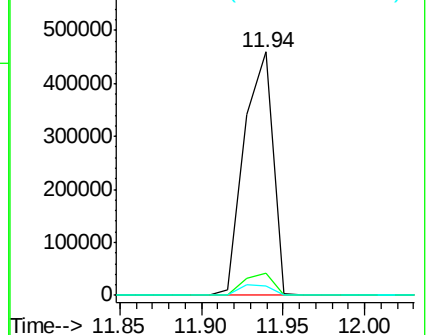
104 4.0 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.61 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

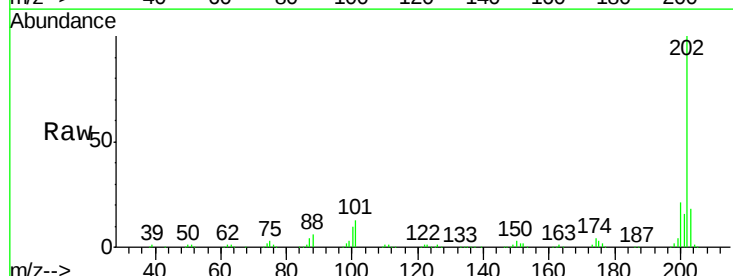
Tgt Ion:202 Resp: 435008

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.8

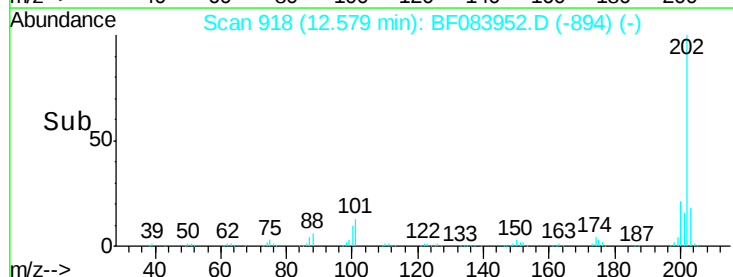
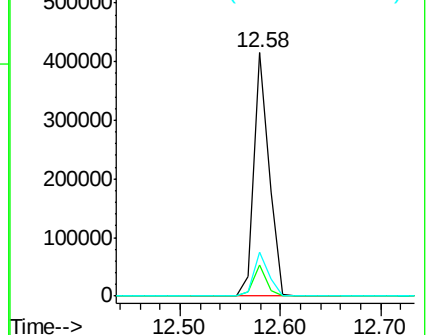
203 17.8 0.0 37.9

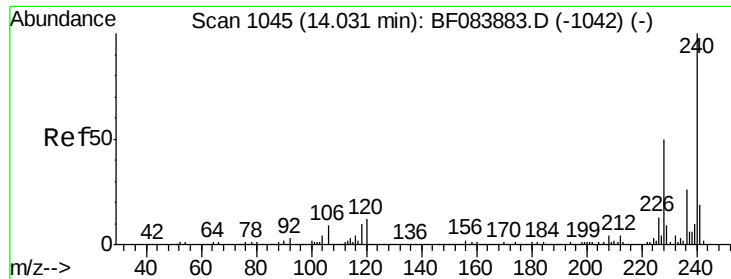


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

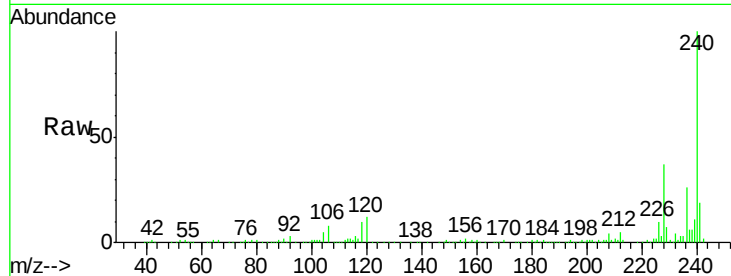
Tgt Ion:240 Resp: 201935

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

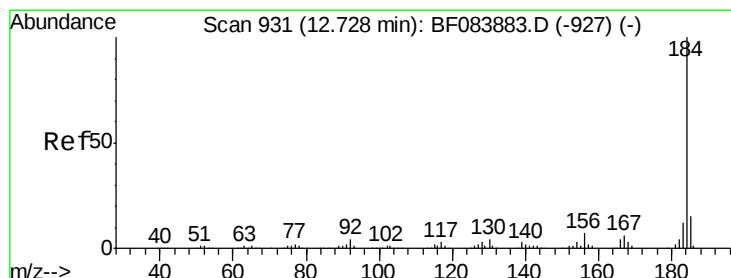
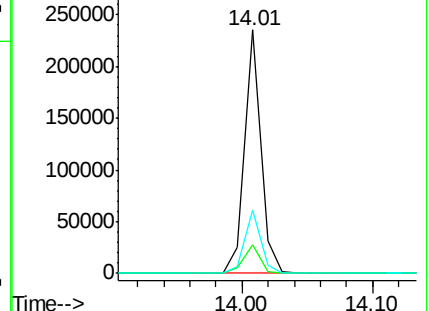
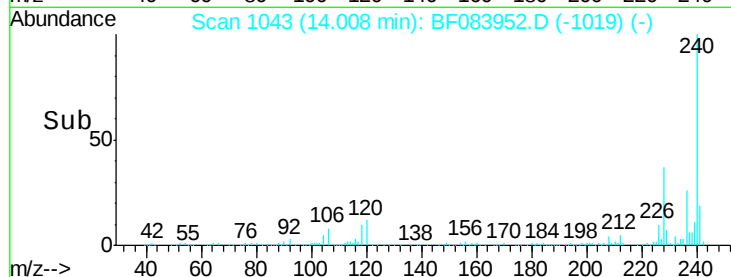
236 26.2 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.59 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

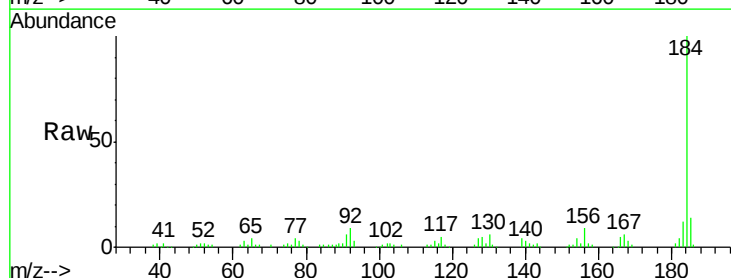
Tgt Ion:184 Resp: 117990

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.2

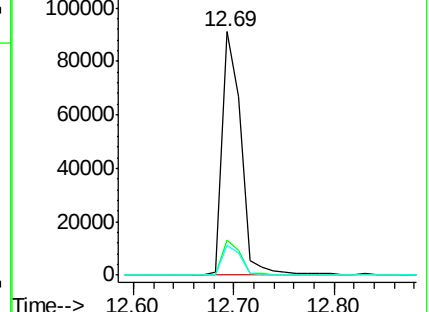
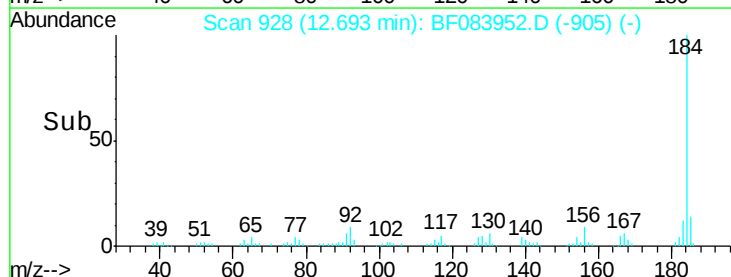
183 12.2 9.8 14.8

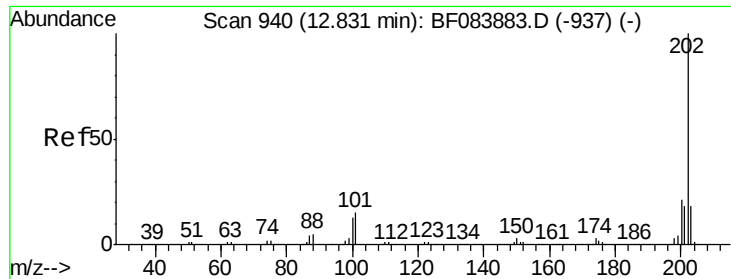


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

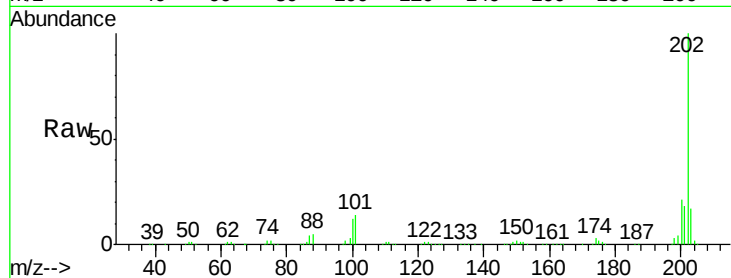




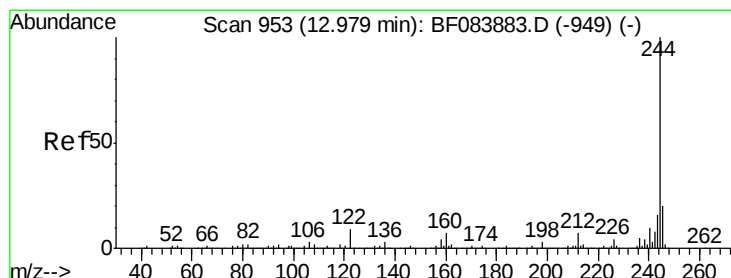
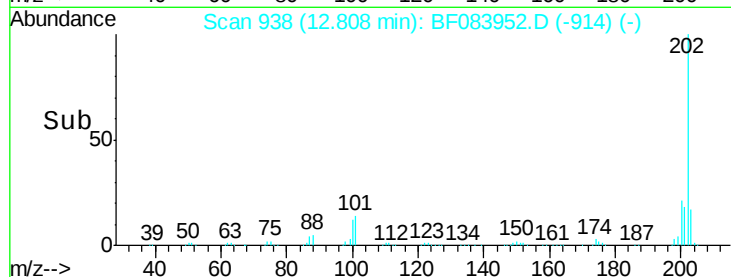
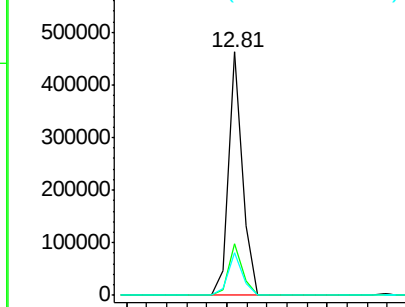
#77
 Pyrene
 Concen: 35.36 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tgt Ion: 202 Resp: 444229
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.2 25.8
 203 17.4 14.3 21.5

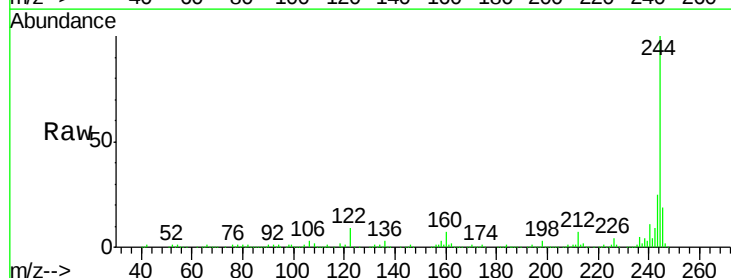


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

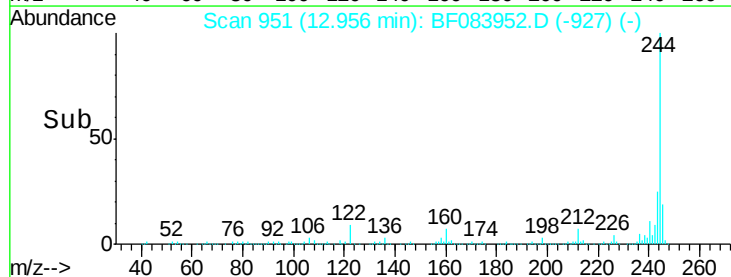
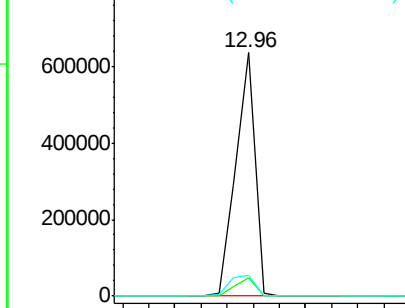


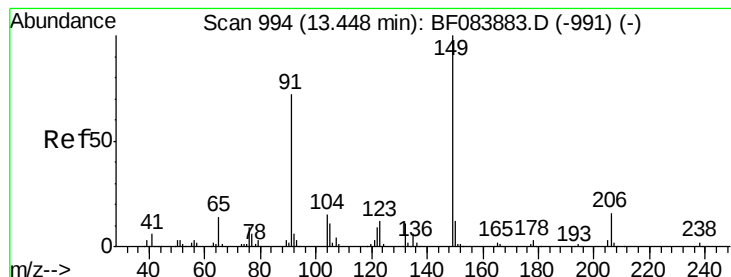
#78
 Terphenyl-d14
 Concen: 74.18 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion: 244 Resp: 647637
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 8.6 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 33.82 ng

RT: 13.42 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

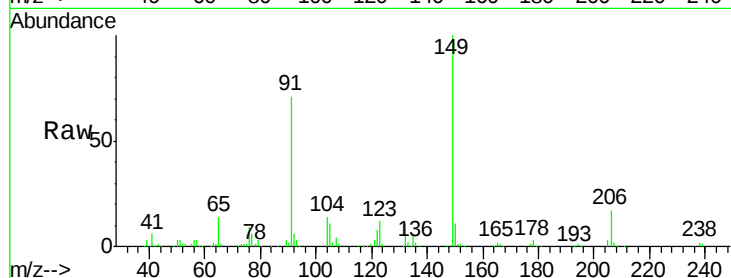
Tgt Ion:149 Resp: 227374

Ion Ratio Lower Upper

149 100

91 70.5 57.6 86.4

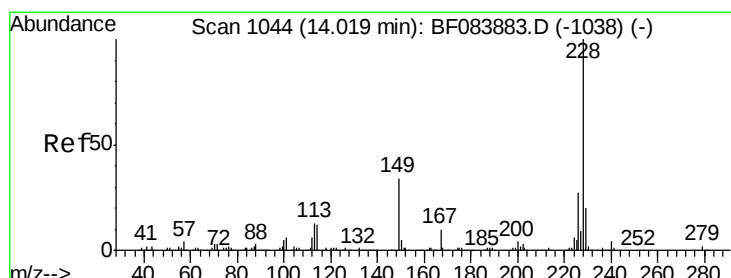
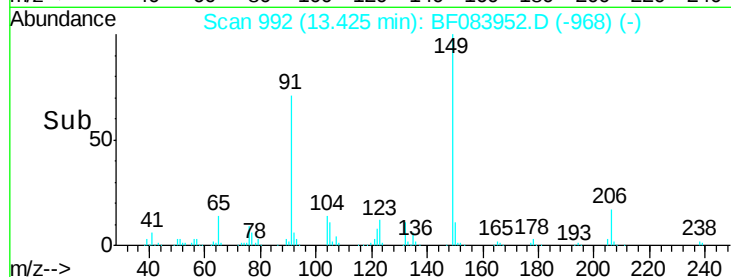
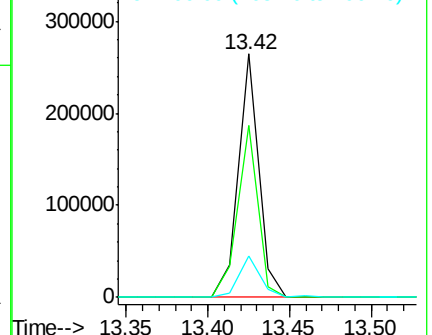
206 16.8 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 30.90 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

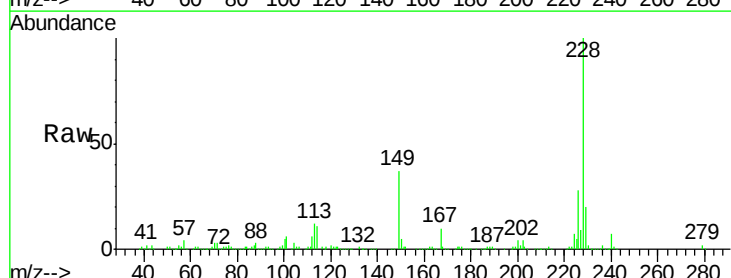
Tgt Ion:228 Resp: 383652

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.6

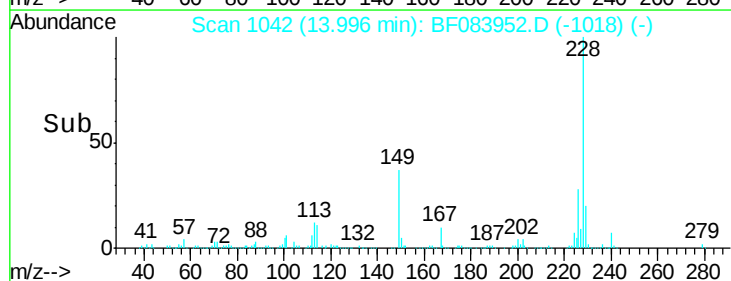
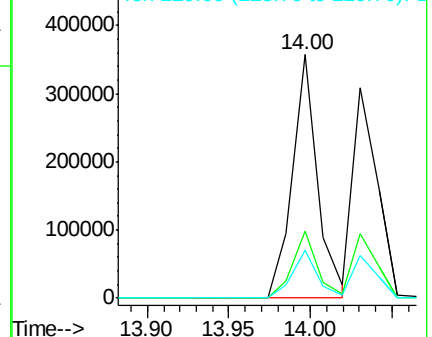
229 19.6 15.8 23.8

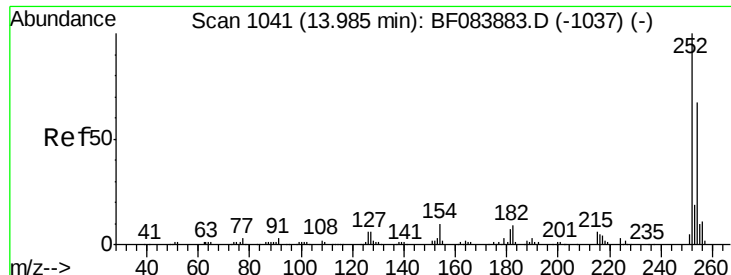


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

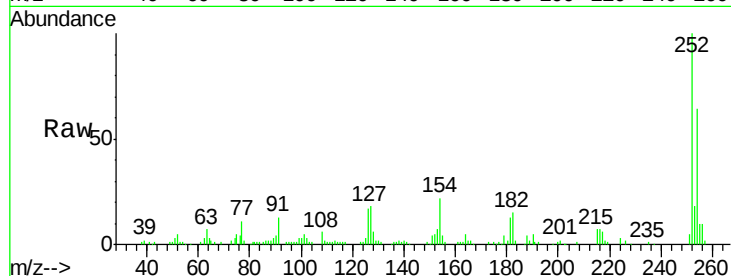




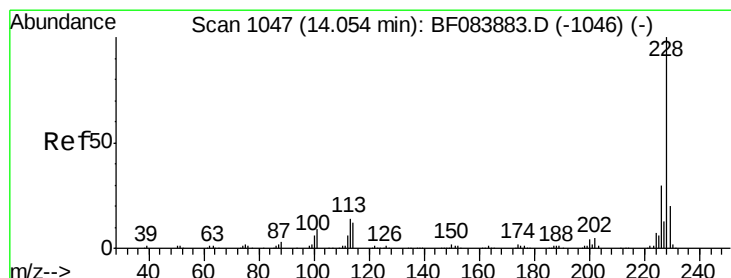
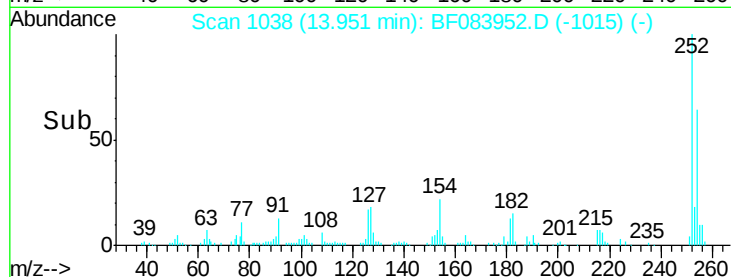
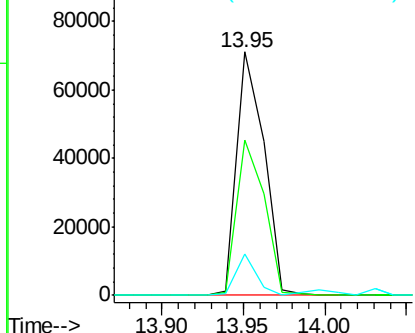
#81
 3,3'-Dichlorobenzidine
 Concen: 17.64 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tgt Ion:252 Resp: 81861
 Ion Ratio Lower Upper
 252 100
 254 63.7 53.5 80.3
 126 17.1 4.9 7.3#

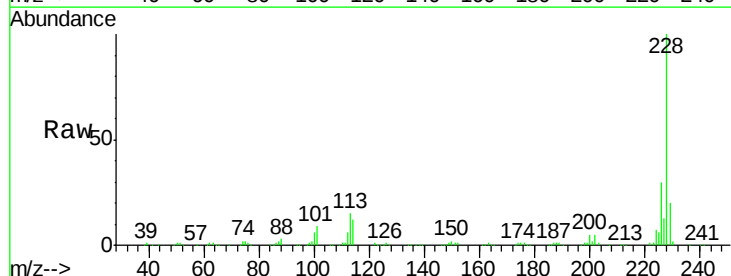


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

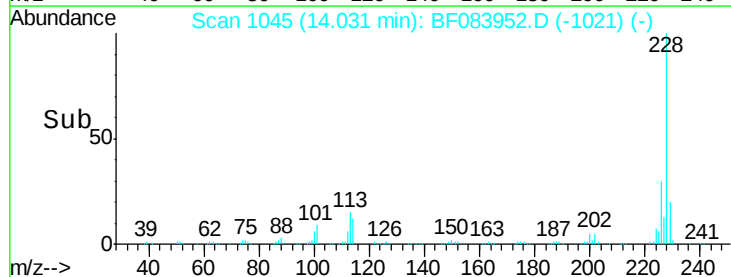
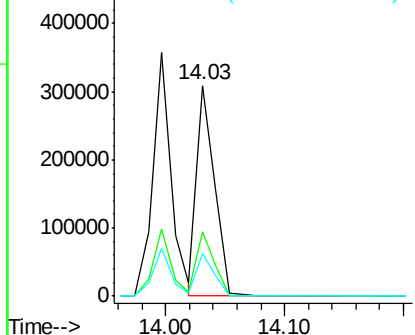


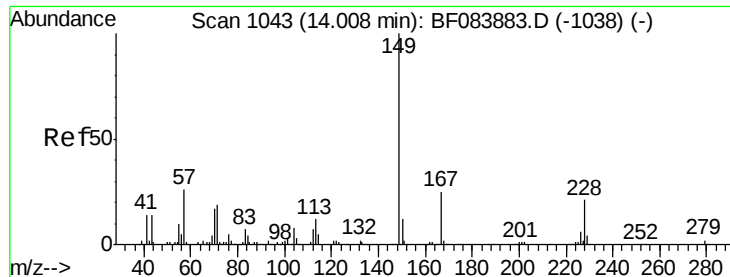
#82
 Chrysene
 Concen: 27.33 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion:228 Resp: 327795
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.3 36.5
 229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

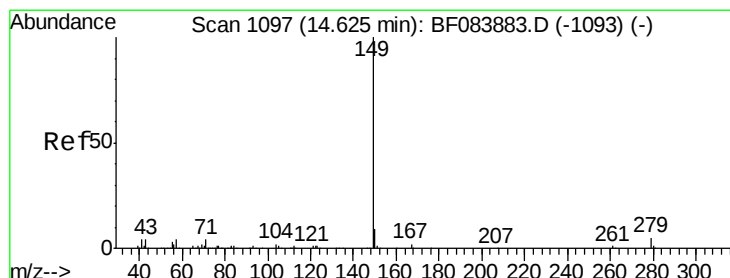
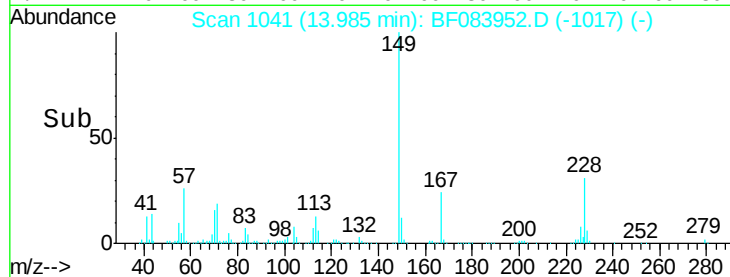
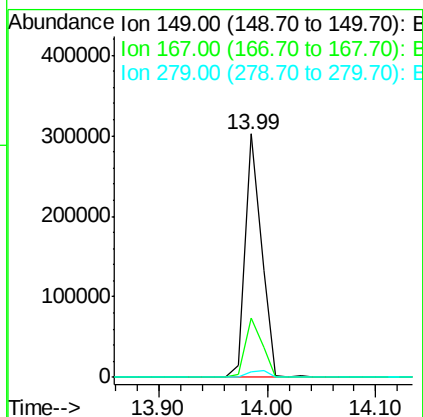
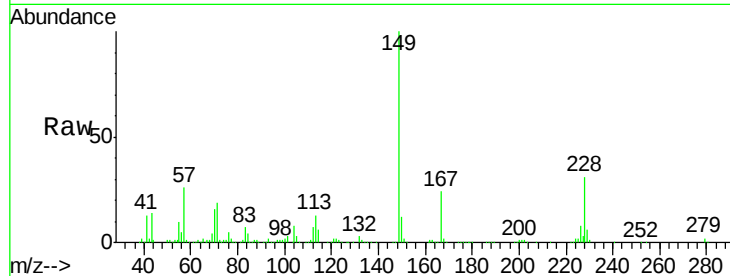




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.67 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

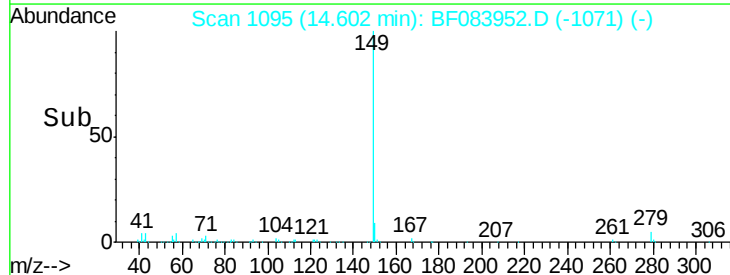
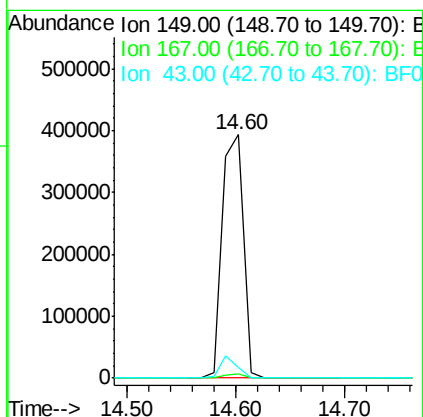
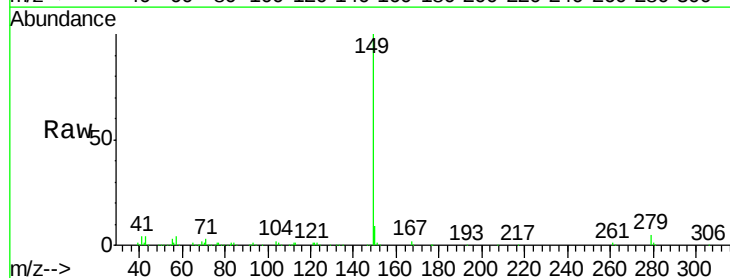
Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

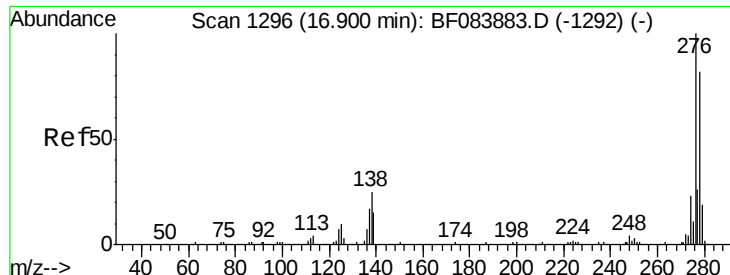
Tgt Ion:149 Resp: 311132
 Ion Ratio Lower Upper
 149 100
 167 24.5 19.7 29.5
 279 2.5 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 37.79 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion:149 Resp: 530829
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.1 5.6 8.4

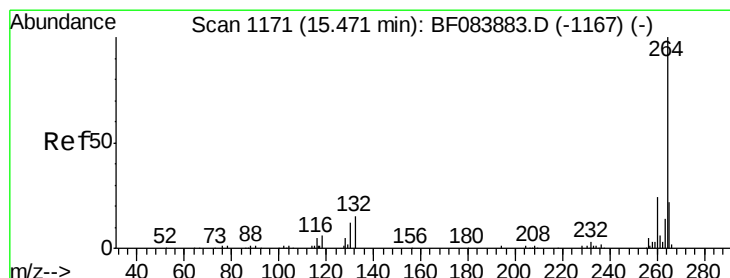
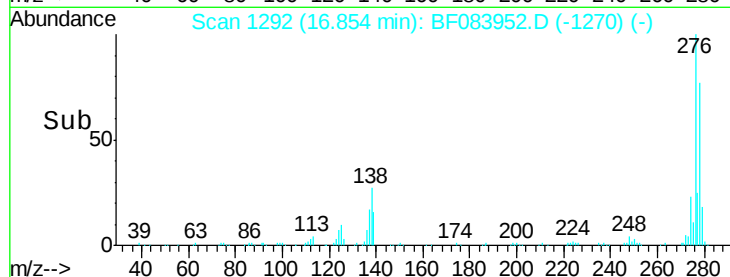
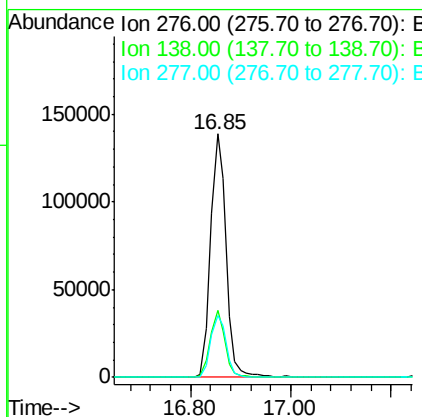
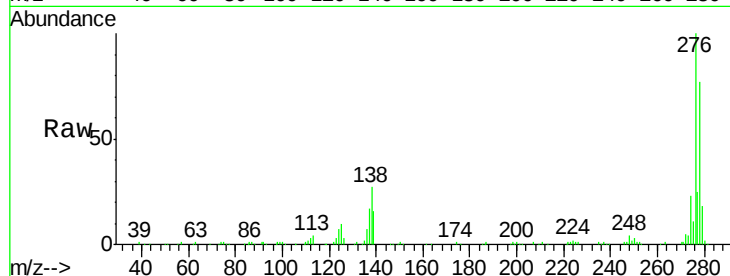




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.18 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

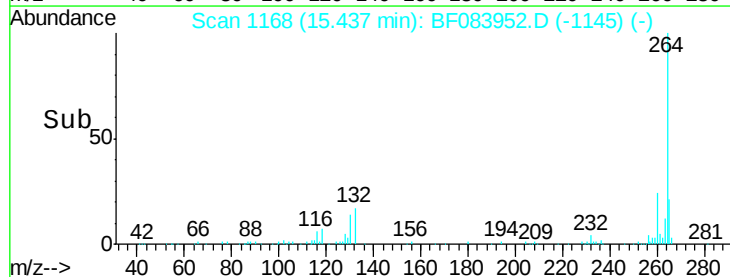
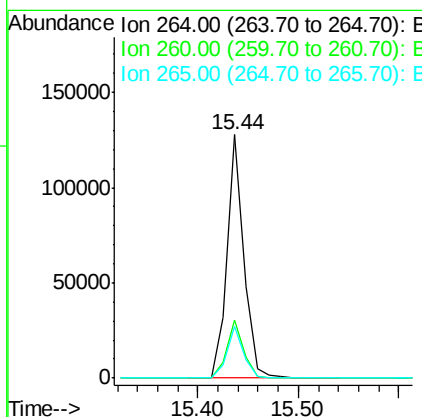
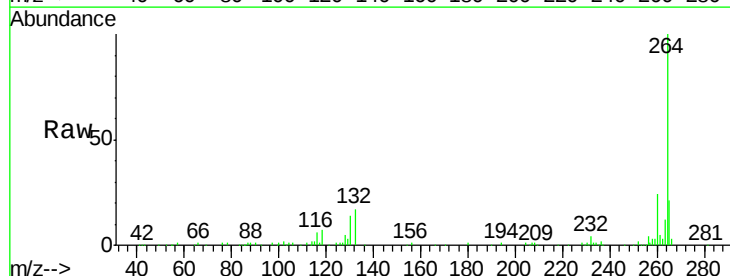
Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

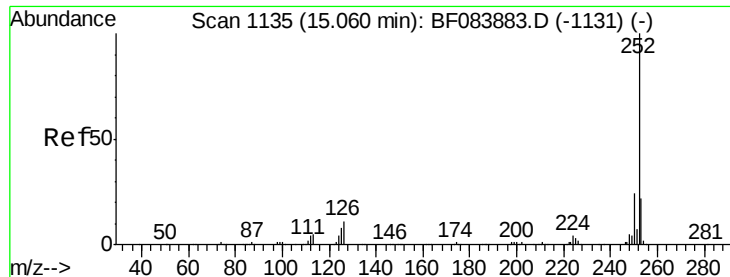
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.6	30.8
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.03 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.3	17.8	26.6

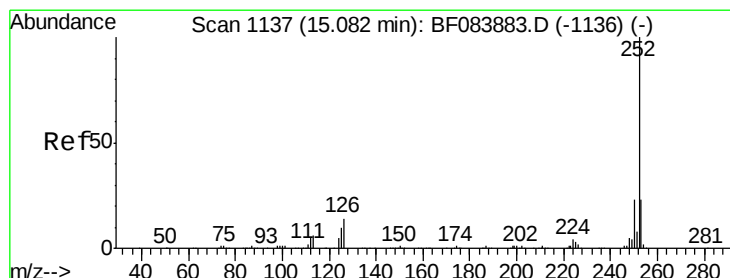
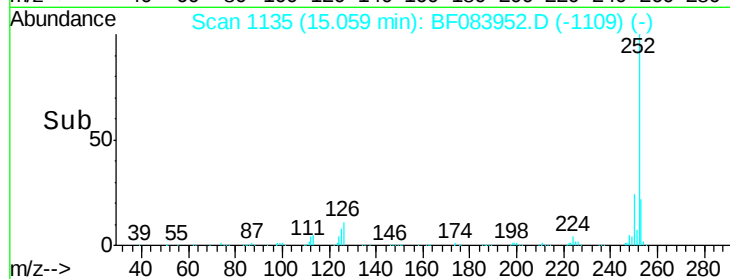
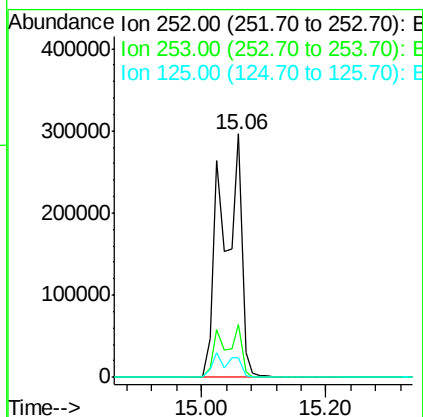
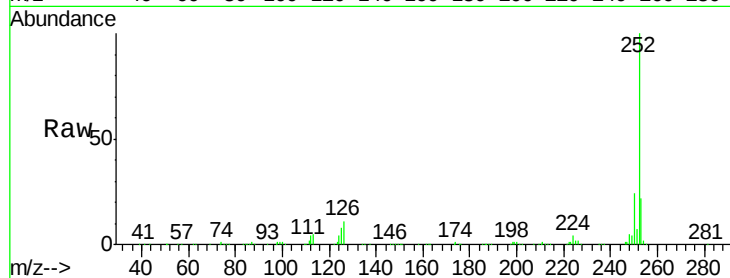




#87
Benzo(b)fluoranthene
Concen: 60.86 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

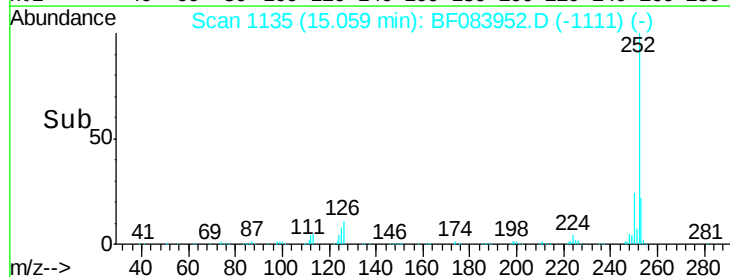
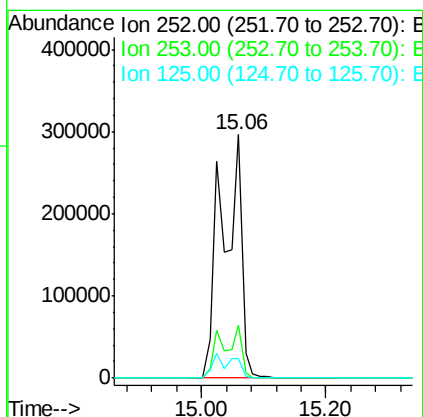
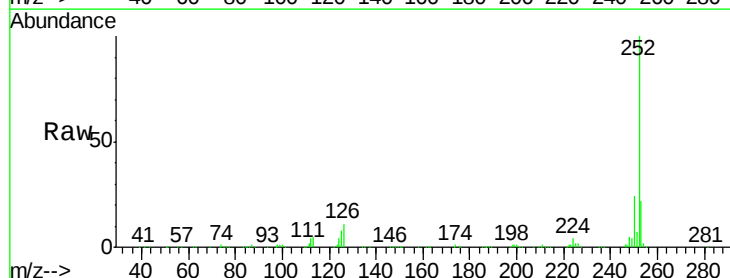
Instrument :
BNA_F
ClientSampleId :
PB87402BSD

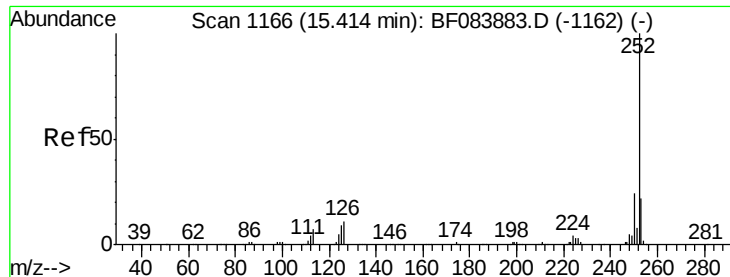
Tgt Ion:252 Resp: 659636
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 7.8 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 73.77 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion:252 Resp: 659636
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 7.8 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 33.02 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

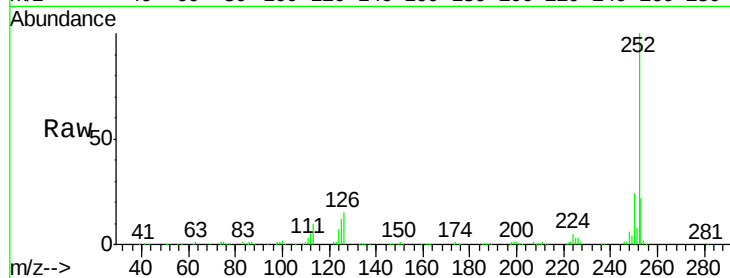
Tgt Ion: 252 Resp: 295555

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

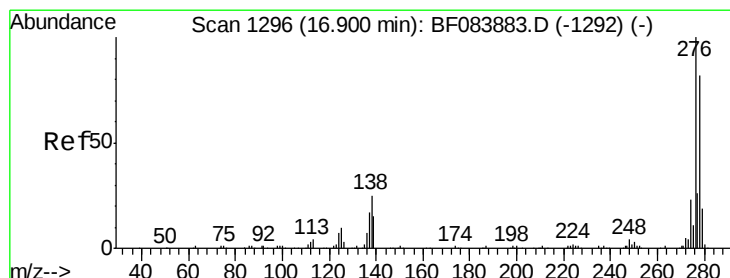
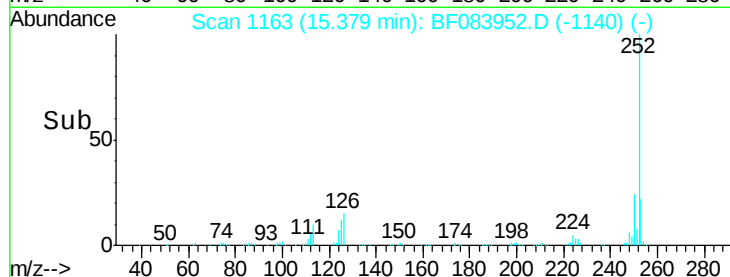
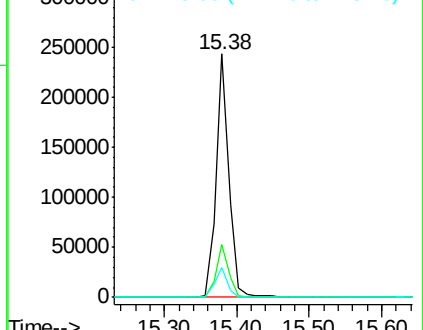
125 12.0 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.66 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

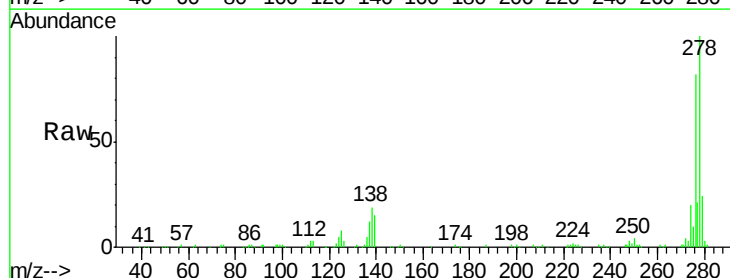
Tgt Ion: 278 Resp: 248297

Ion Ratio Lower Upper

278 100

139 14.5 15.0 22.4#

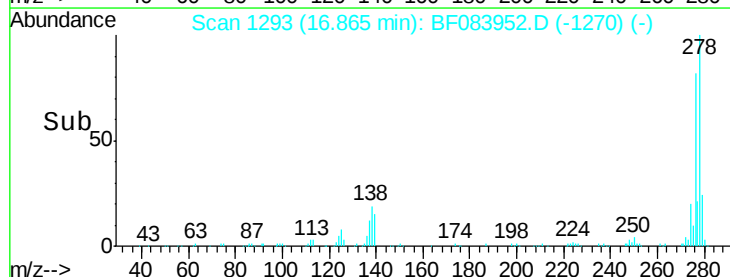
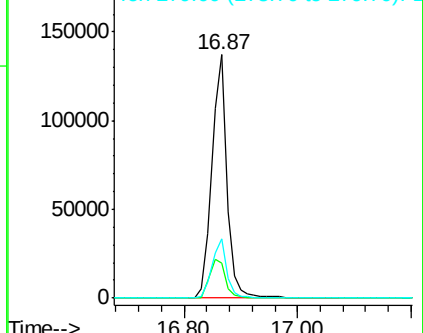
279 24.2 18.9 28.3

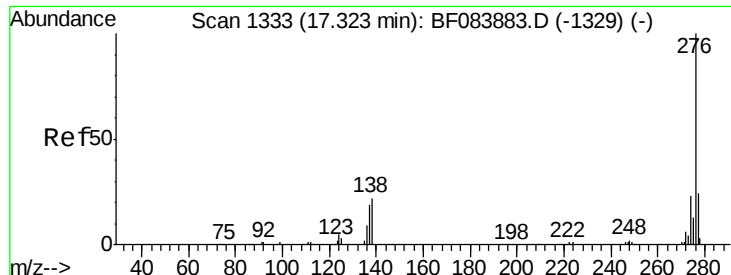


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.55 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.05 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

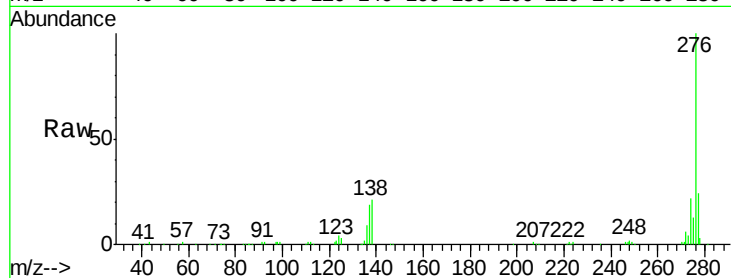
Tgt Ion: 276 Resp: 249429

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 21.2 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

