

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084072.D
 Acq On : 24 Dec 2015 9:27
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 24 10:45:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	51354	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	201961	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	85856	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	146690	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	98356	20.00	ng	-0.01
86) Perylene-d12	15.41	264	89473	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	233763	77.61	ng	0.01
7) Phenol-d6	6.49	99	291789	82.40	ng	0.01
23) Nitrobenzene-d5	7.39	82	261409	79.51	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	70764	85.69	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	510679	80.05	ng	-0.01
78) Terphenyl-d14	12.93	244	388171	94.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	46918	32.72	ng	99
3) Pyridine	3.13	79	125952	38.59	ng	97
4) n-Nitrosodimethylamine	3.06	42	50673	41.77	ng	95
6) Aniline	6.49	93	192632	39.30	ng	96
8) 2-Chlorophenol	6.61	128	138458	39.92	ng	98
9) Benzaldehyde	6.37	77	94574	39.99	ng	91
10) Phenol	6.50	94	176925	43.19	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	114784	36.67	ng	96
12) 1,3-Dichlorobenzene	6.76	146	159145	41.30	ng	97
13) 1,4-Dichlorobenzene	6.76	146	159145	42.30	ng	96
14) 1,2-Dichlorobenzene	6.99	146	139315	38.73	ng	97
15) Benzyl Alcohol	6.98	79	125505	45.01	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	111015	36.73	ng	# 4
17) 2-Methylphenol	7.10	107	106948	38.71	ng	# 88
18) Hexachloroethane	7.33	117	57923	41.98	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	87205	40.64	ng	# 84
20) 3+4-Methylphenols	7.25	107	139209	40.83	ng	# 51
22) Acetophenone	7.24	105	202588	42.75	ng	# 88
24) Nitrobenzene	7.41	77	148587	43.86	ng	92
25) Isophorone	7.65	82	251238	40.33	ng	98
26) 2-Nitrophenol	7.72	139	67911	37.24	ng	# 76
27) 2,4-Dimethylphenol	7.78	122	124754	39.25	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	147638	38.26	ng	100
29) 2,4-Dichlorophenol	7.98	162	111409	39.24	ng	92
30) 1,2,4-Trichlorobenzene	8.05	180	124815	42.14	ng	97
31) Naphthalene	8.13	128	430014	41.68	ng	99
32) Benzoic acid	7.90	122	44364	32.21	ng	94
33) 4-Chloroaniline	8.19	127	167706	39.75	ng	# 88
34) Hexachlorobutadiene	8.25	225	69264	39.13	ng	98
35) Caprolactam	8.58	113	34310	40.21	ng	# 73
36) 4-Chloro-3-methylphenol	8.68	107	120231	39.59	ng	90
37) 2-Methylnaphthalene	8.82	142	258360	38.67	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	121050	46.90	ng	99
40) Hexachlorocyclopentadiene	8.98	237	9633	21.31	ng	99

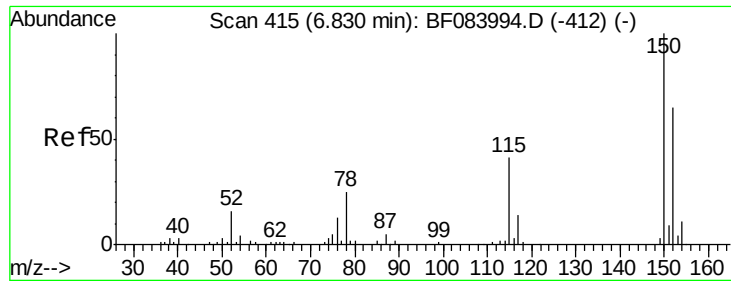
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084072.D
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 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	72716	46.78	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	73908	45.69	nq	96
45) 1,1'-Biphenyl	9.29	154	346712	45.68	nq	98
46) 2-Chloronaphthalene	9.31	162	238978	43.74	nq	98
47) 2-Nitroaniline	9.41	65	68554	46.02	nq	# 84
48) Acenaphthylene	9.72	152	359943	41.60	nq	99
49) Dimethylphthalate	9.60	163	314047	46.75	nq	# 91
50) 2,6-Dinitrotoluene	9.65	165	59155	41.72	nq	# 63
51) Acenaphthene	9.89	154	206536	40.14	nq	99
52) 3-Nitroaniline	9.82	138	59537	39.53	nq	94
53) 2,4-Dinitrophenol	9.94	184	5423	16.05	nq	# 68
54) Dibenzofuran	10.06	168	313557	40.72	nq	# 89
55) 4-Nitrophenol	10.02	139	23473	26.52	nq	100
56) 2,4-Dinitrotoluene	10.06	165	78305	43.93	nq	89
57) Fluorene	10.41	166	246810	40.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	50645	39.71	nq	97
59) Diethylphthalate	10.29	149	315274	47.75	nq	100
60) 4-Chlorophenyl-phenylether	10.41	204	119001	42.56	nq	88
61) 4-Nitroaniline	10.44	138	61487	39.91	nq	95
62) Azobenzene	10.57	77	250502	42.97	nq	88
64) 4,6-Dinitro-2-methylphenol	10.48	198	13611	15.87	nq	89
65) n-Nitrosodiphenylamine	10.52	169	216229	39.91	nq	98
66) 4-Bromophenyl-phenylether	10.89	248	67809	40.31	nq	# 64
67) Hexachlorobenzene	10.97	284	77435	42.18	nq	# 89
68) Atrazine	11.06	200	72817	44.46	nq	94
69) Pentachlorophenol	11.16	266	16991	30.02	nq	94
70) Phenanthrene	11.37	178	316467	38.17	nq	99
71) Anthracene	11.42	178	357150	42.42	nq	100
72) Carbazole	11.58	167	301977	38.36	nq	98
73) Di-n-butylphthalate	11.92	149	441650	45.18	nq	100
74) Fluoranthene	12.56	202	289100	35.16	nq	98
76) Benzidine	12.68	184	110148	31.40	nq	98
77) Pyrene	12.78	202	285003	42.71	nq	99
79) Butylbenzylphthalate	13.40	149	150680	49.09	nq	98
80) Benzo(a)anthracene	13.97	228	225224	39.71	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	82951	38.89	nq	# 100
82) Chrysene	14.01	228	204634	38.86	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	205098	48.19	nq	99
84) Di-n-octyl phthalate	14.58	149	308855	47.19	nq	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	204978	47.06	nq	98
87) Benzo(b)fluoranthene	15.04	252	441992	78.36	nq	99
88) Benzo(k)fluoranthene	15.04	252	441992	82.39	nq	97
89) Benzo(a)pyrene	15.36	252	213322	40.83	nq	98
90) Dibenzo(a,h)anthracene	16.83	278	174127	40.22	nq	# 94
91) Benzo(g,h,i)perylene	17.24	276	160354	36.62	nq	99

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

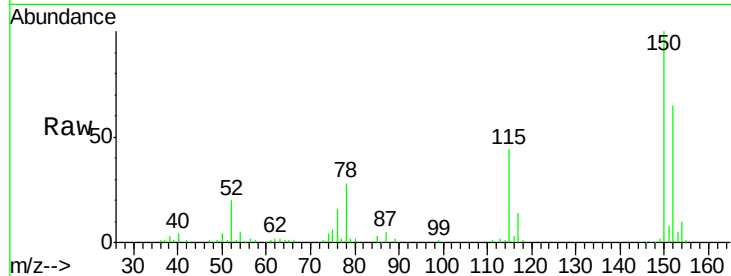


#1

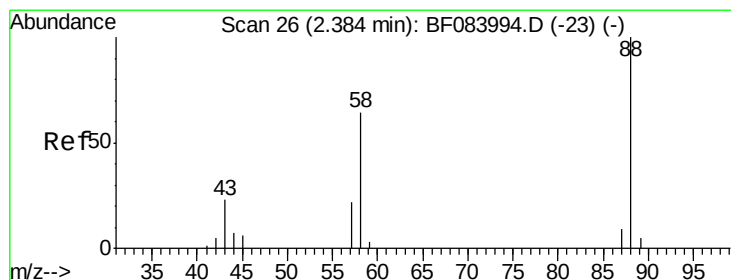
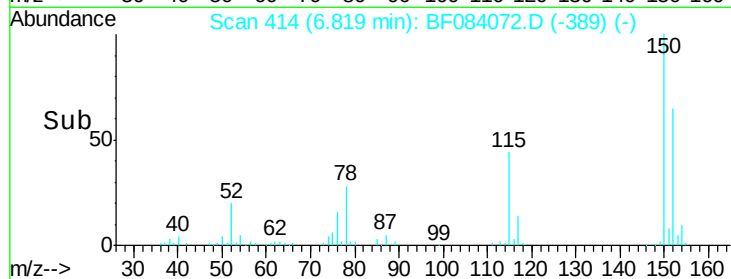
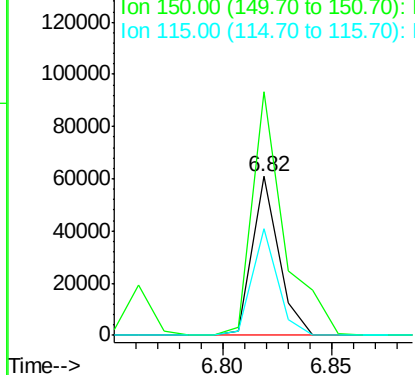
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 51354
Ion Ratio Lower Upper
152 100
150 153.5 123.0 184.4
115 66.9 51.4 77.2



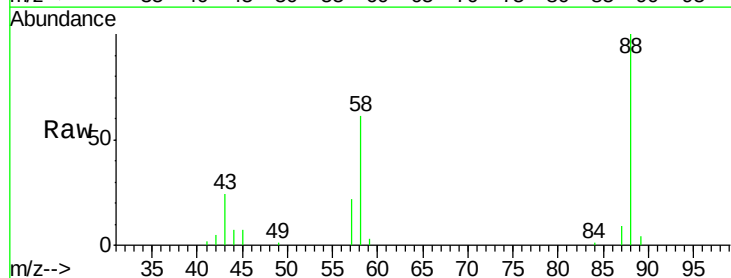
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



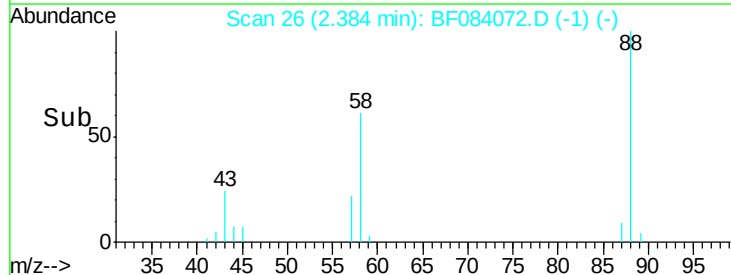
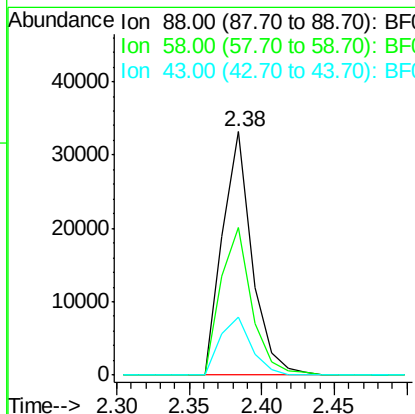
#2

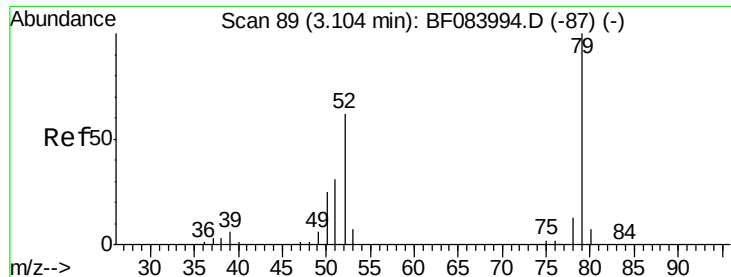
1,4-Dioxane
Concen: 32.72 ng
RT: 2.38 min Scan# 26
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion: 88 Resp: 46918
Ion Ratio Lower Upper
88 100
58 63.5 51.2 76.8
43 25.2 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

Pvridine

Concen: 38.59 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.02 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

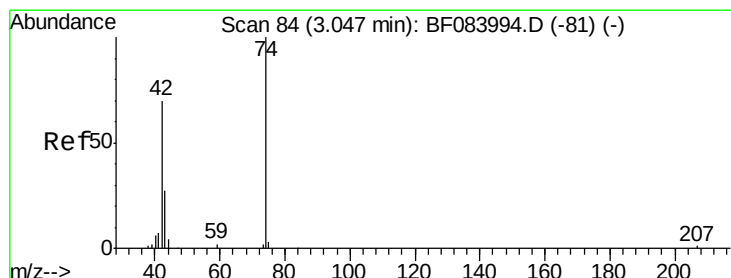
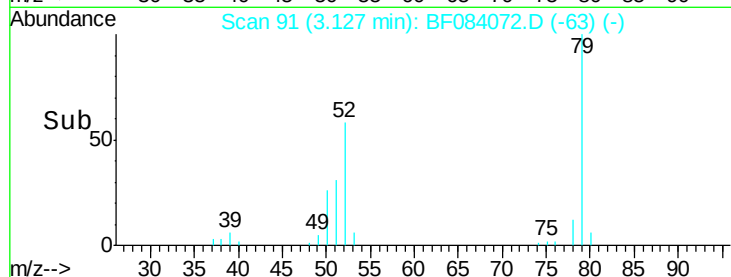
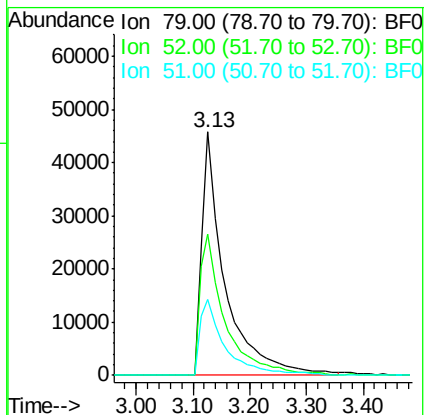
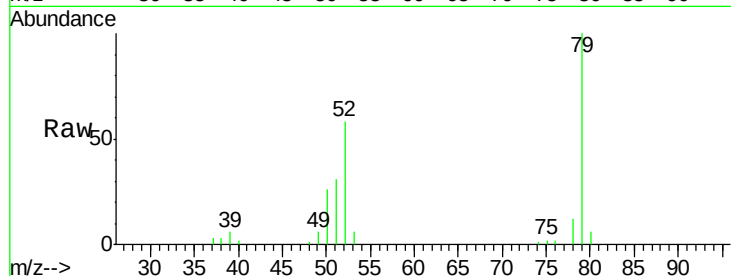
Tot Ion: 79 Resp: 125952

Ion Ratio Lower Upper

79 100

52 58.1 49.0 73.4

51 31.0 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 41.77 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

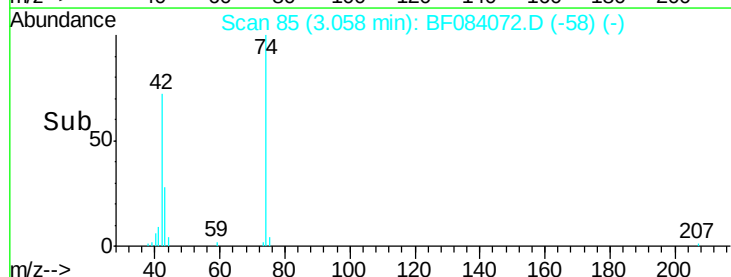
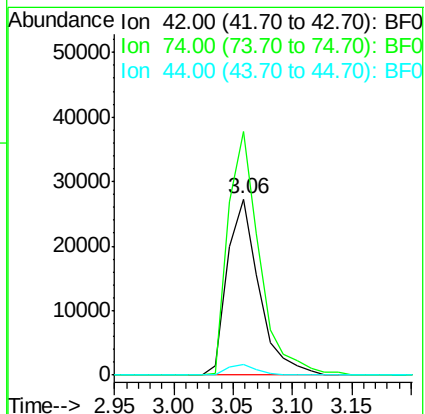
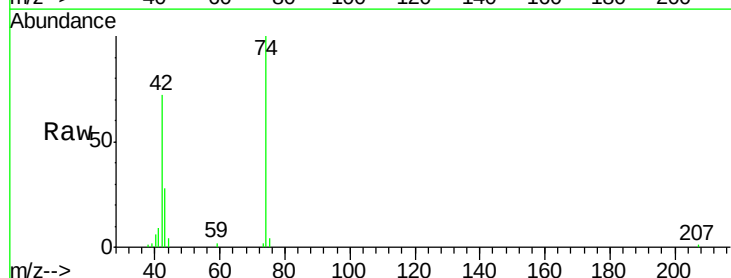
Tgt Ion: 42 Resp: 50673

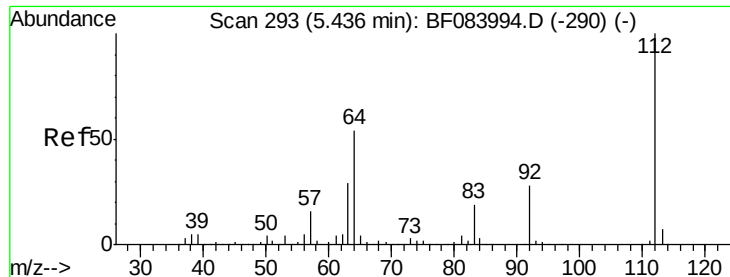
Ion Ratio Lower Upper

42 100

74 138.1 115.7 173.5

44 5.9 5.1 7.7





#5

2-Fluorophenol

Concen: 77.61 ng

RT: 5.45 min Scan# 294

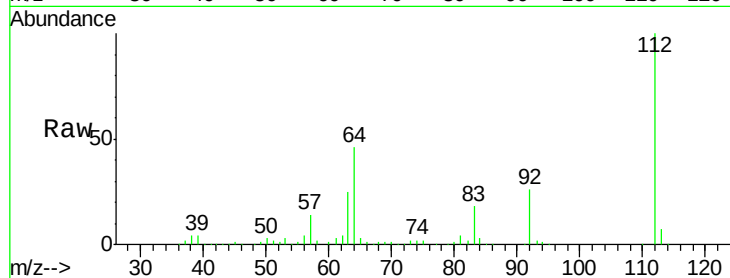
Delta R.T. 0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :
BNA_F
ClientSampled :

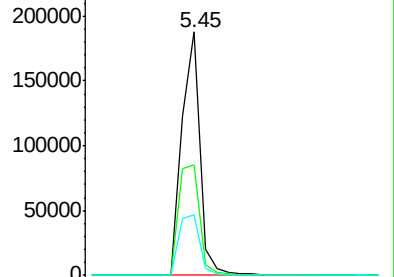
Tot Ion:	112	Resp:	233763
Ion	Ratio	Lower	Upper
112	100		
64	45.6	36.6	55.0
63	24.7	19.4	29.0



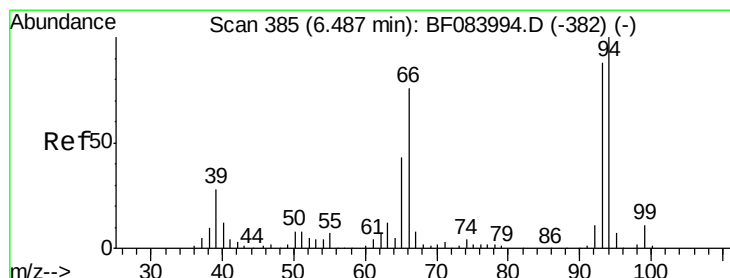
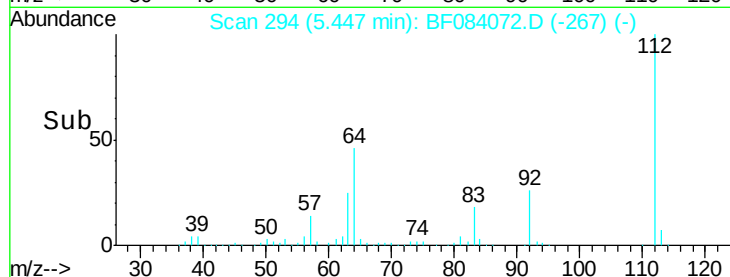
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 39.30 ng

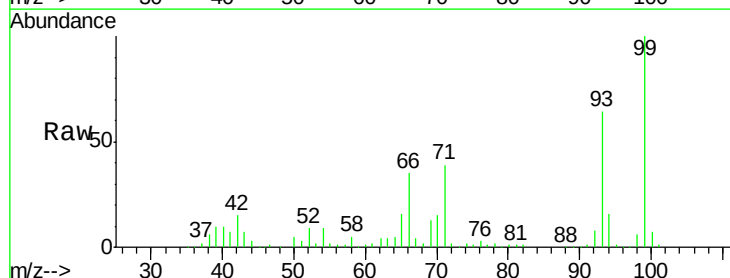
RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

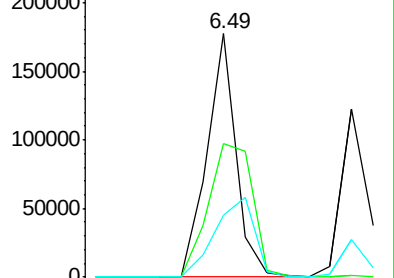
Tgt Ion:	93	Resp:	192632
Ion	Ratio	Lower	Upper
93	100		
66	54.7	44.9	67.3
65	25.7	23.7	35.5



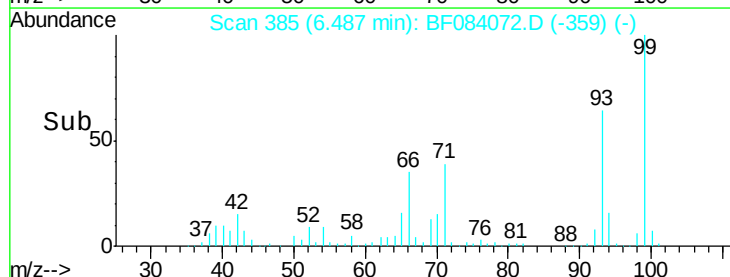
Abundance Ion 93.00 (92.70 to 93.70): BF0

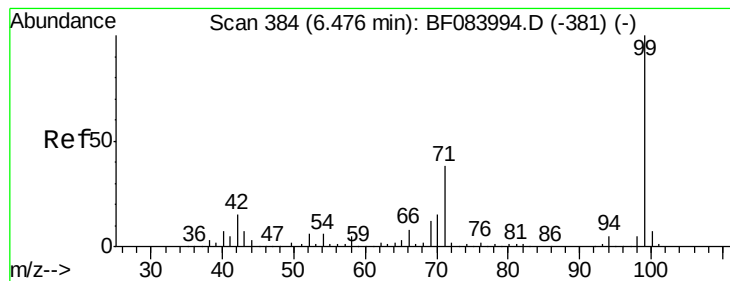
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 82.40 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

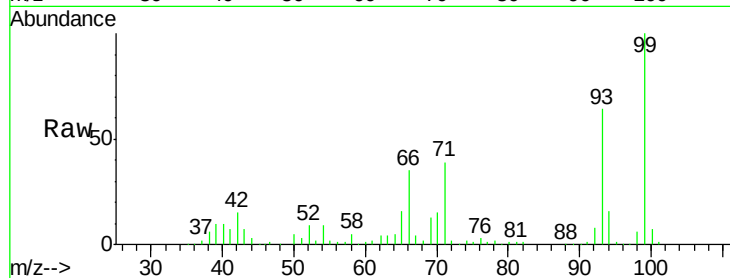
Tot Ion: 99 Resp: 291789

Ion Ratio Lower Upper

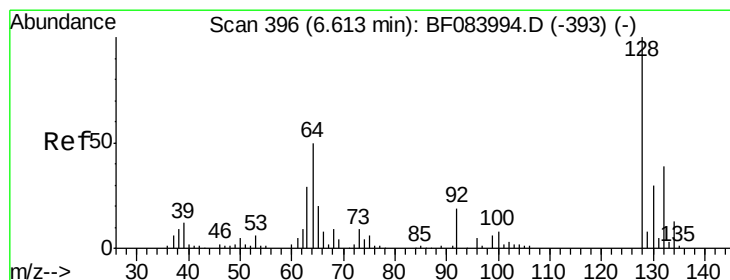
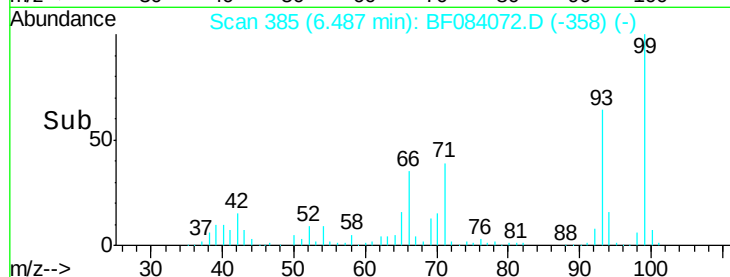
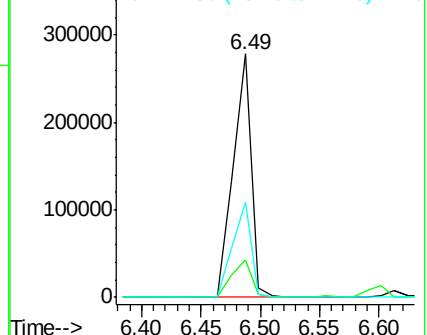
99 100

42 15.3 12.8 19.2

71 38.9 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: 39.92 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

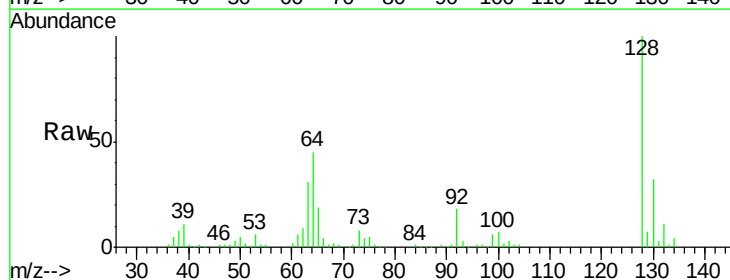
Tgt Ion:128 Resp: 138458

Ion Ratio Lower Upper

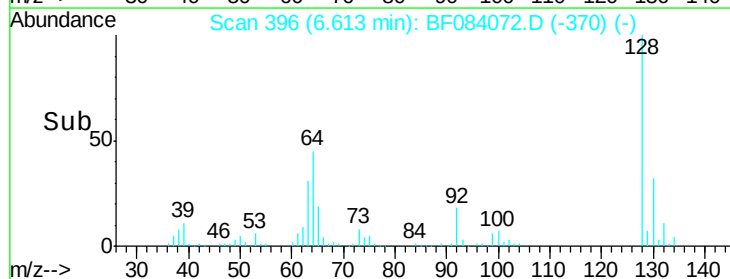
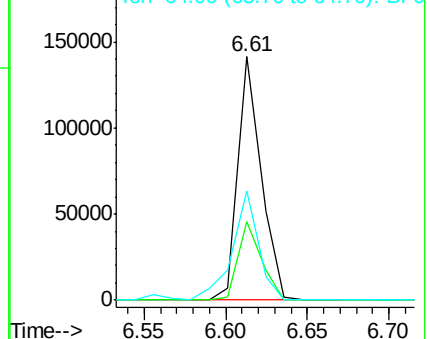
128 100

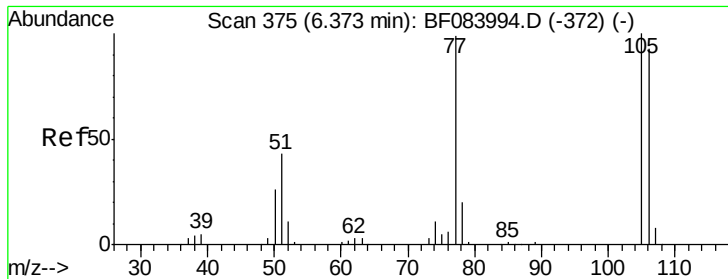
130 32.3 11.6 51.6

64 44.9 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

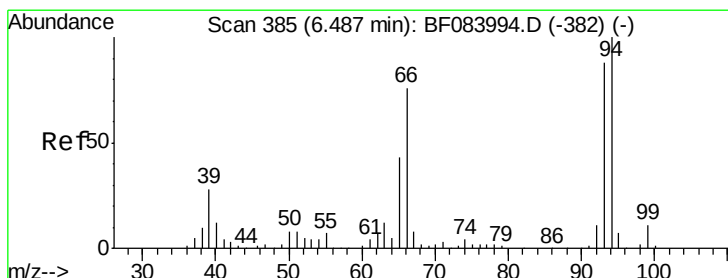
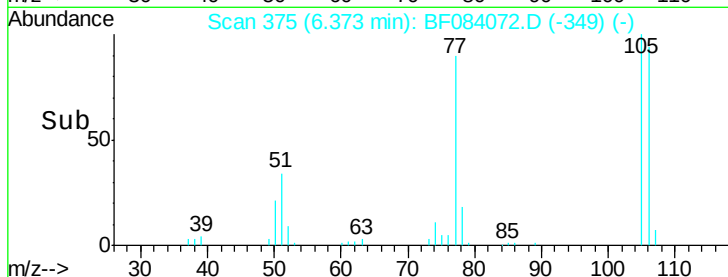
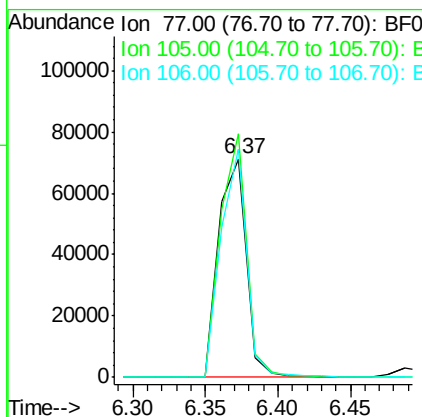
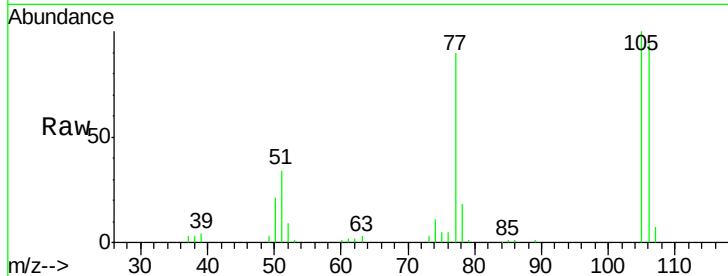




#9
Benzaldehyde
Concen: 39.99 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

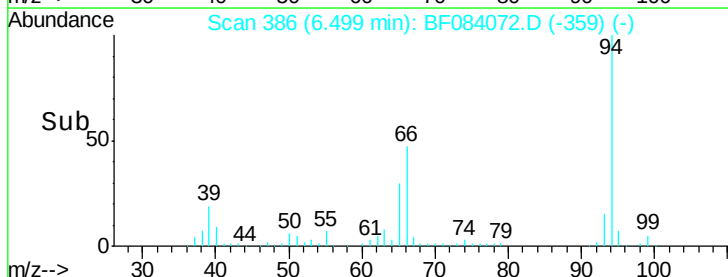
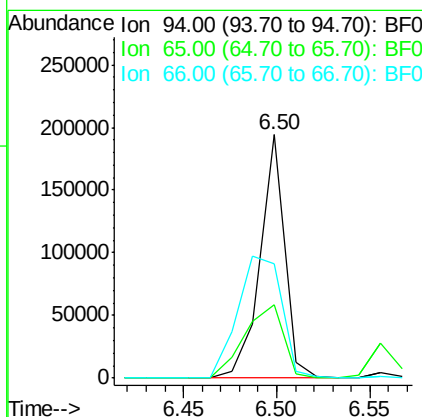
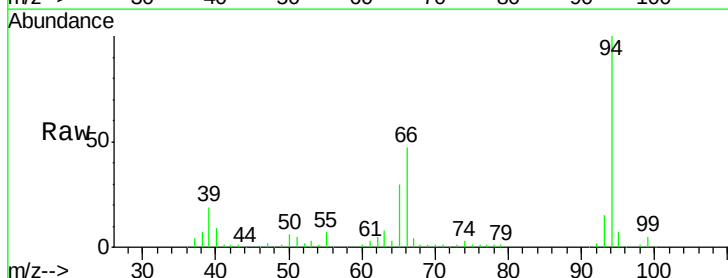
Instrument :
BNA_F
ClientSampled :

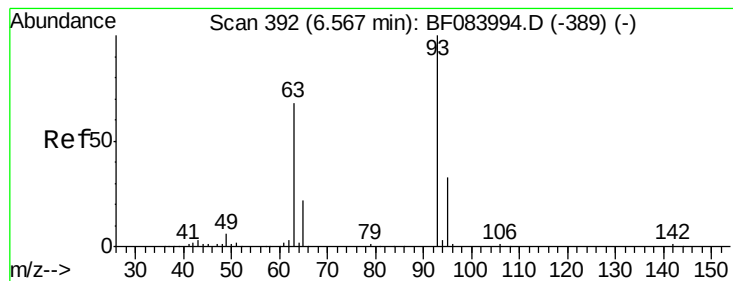
Tot Ion: 77 Resp: 94574
Ion Ratio Lower Upper
77 100
105 111.5 83.0 123.0
106 104.7 74.6 114.6



#10
Phenol
Concen: 43.19 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion: 94 Resp: 176925
Ion Ratio Lower Upper
94 100
65 30.1 12.9 52.9
66 47.1 32.7 72.7

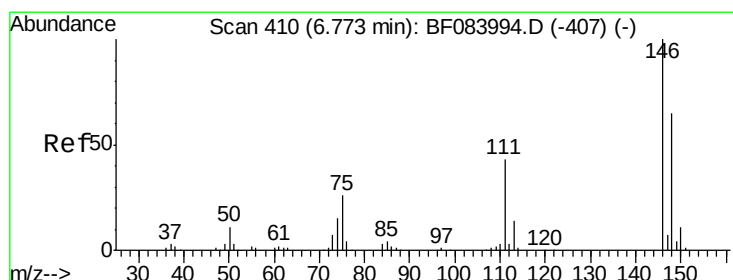
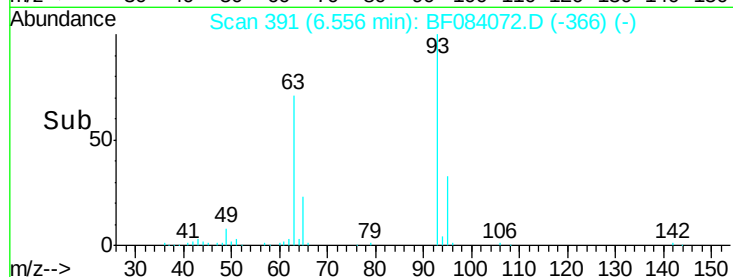
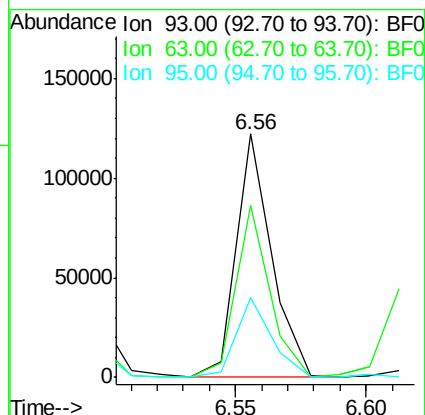
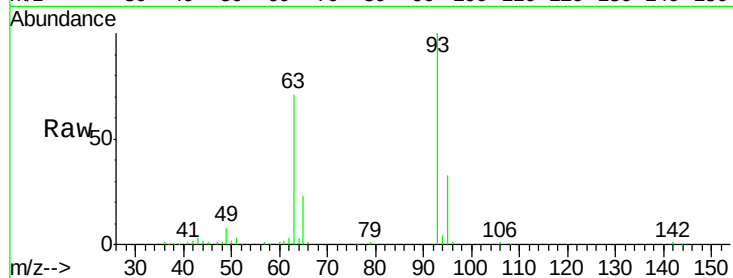




#11
bis(2-Chloroethyl)ether
Concen: 36.67 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

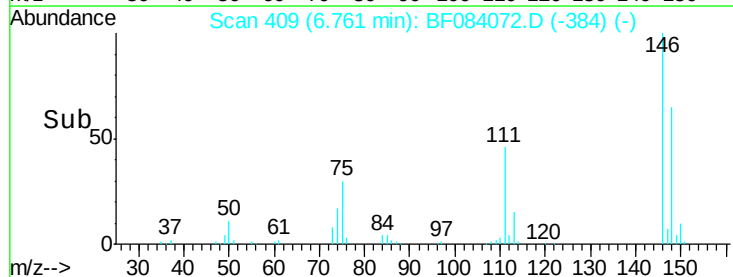
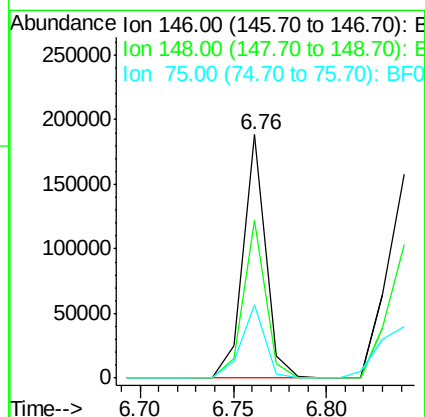
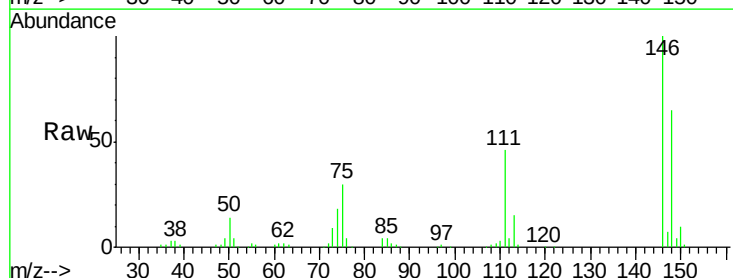
Instrument :
BNA_F
ClientSampleId :

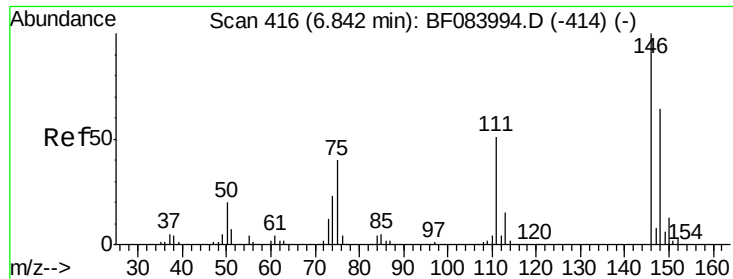
Tot Ion: 93 Resp: 114784
Ion Ratio Lower Upper
93 100
63 70.7 45.9 85.9
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.30 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion: 146 Resp: 159145
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 30.3 20.5 30.7

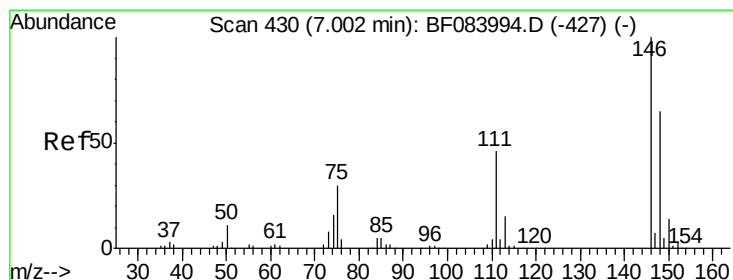
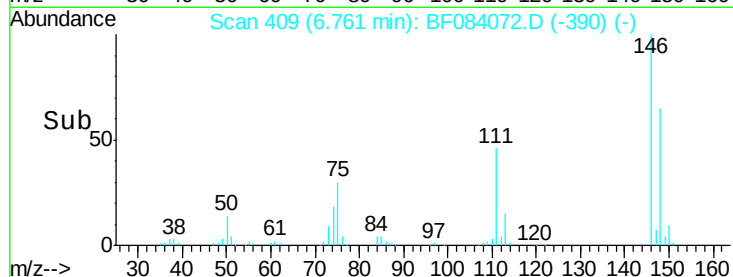
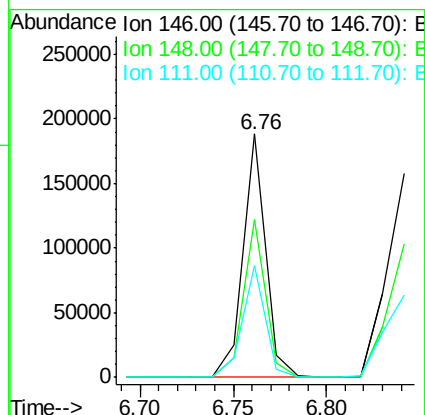
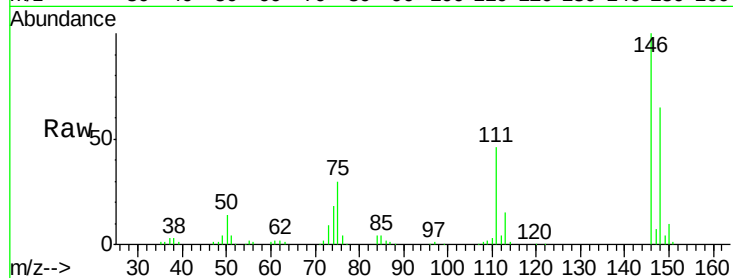




#13
 1,4-Dichlorobenzene
 Concen: 42.30 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.08 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

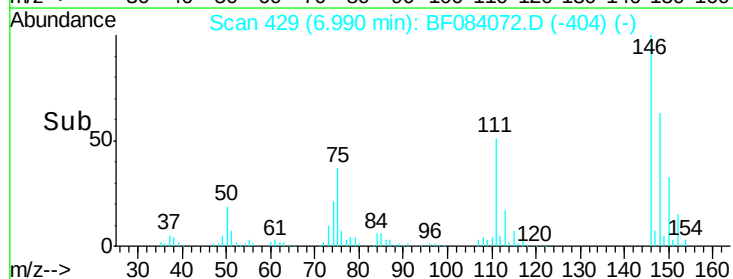
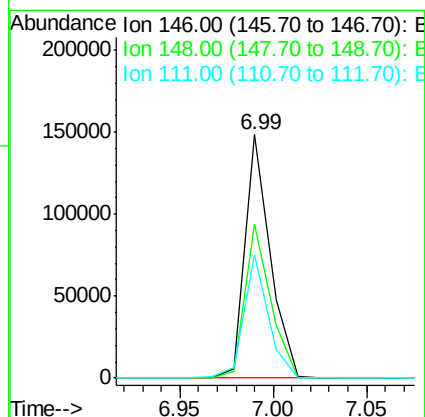
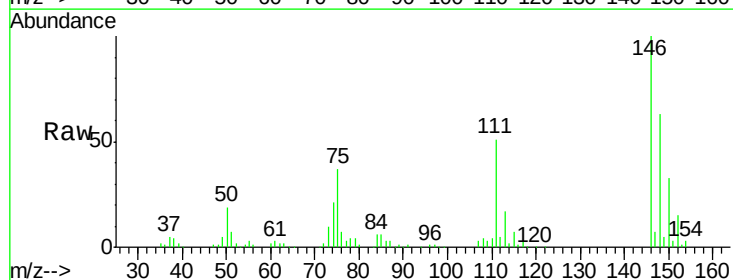
Instrument :
 BNA_F
 ClientSampleId :

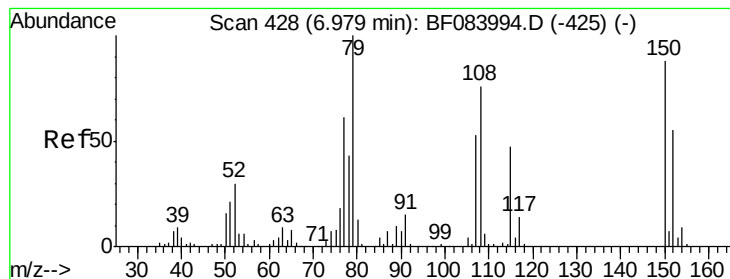
Tot Ion:146 Resp: 159145
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 45.7 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 38.73 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Tgt Ion:146 Resp: 139315
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.6 77.4
 111 50.8 38.0 57.0





#15

Benzyl Alcohol

Concen: 45.01 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

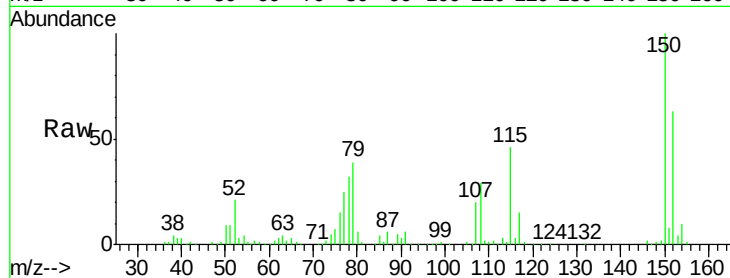
Tot Ion: 79 Resp: 125505

Ion Ratio Lower Upper

79 100

108 75.9 69.0 103.4

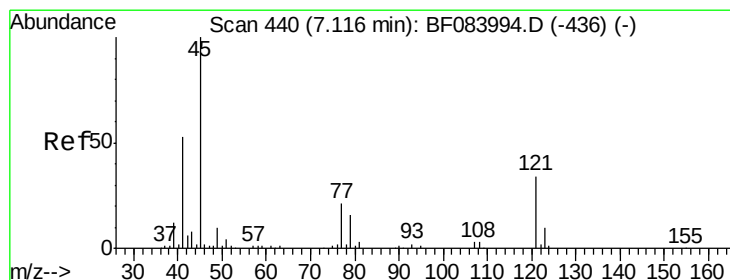
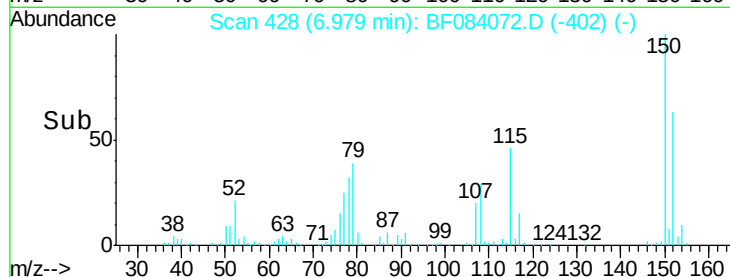
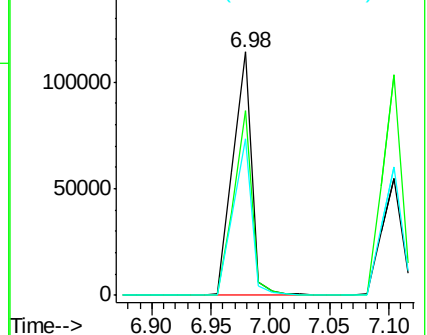
77 64.1 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.73 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

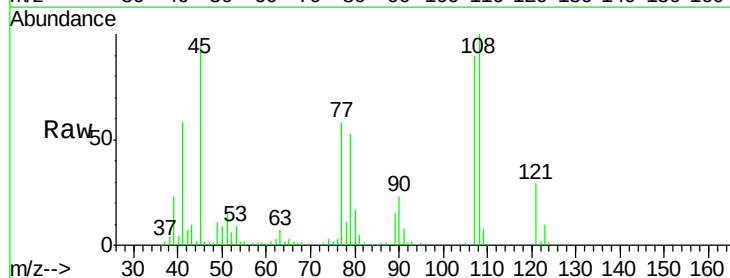
Tgt Ion: 45 Resp: 111015

Ion Ratio Lower Upper

45 100

77 62.1 0.0 39.6#

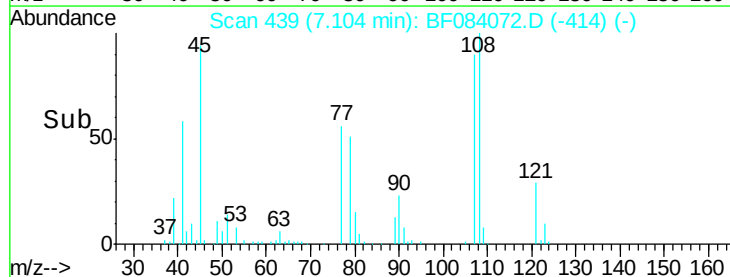
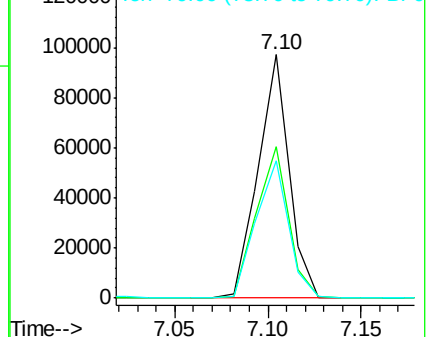
79 56.2 0.0 35.0#

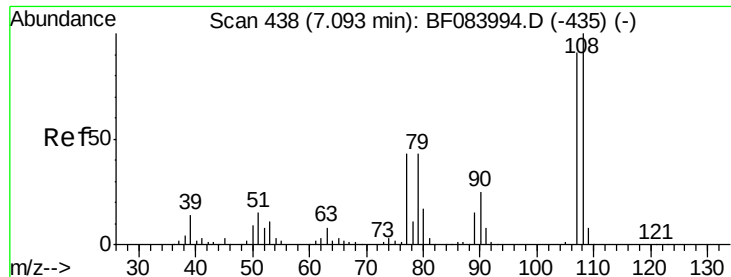


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

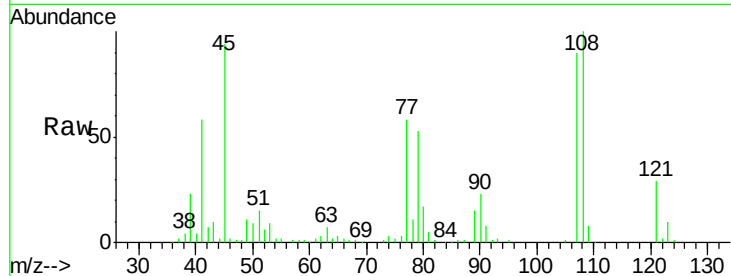




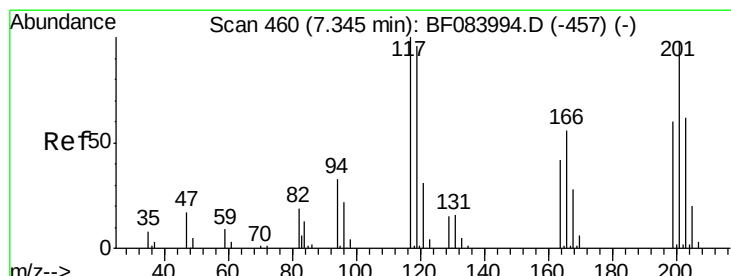
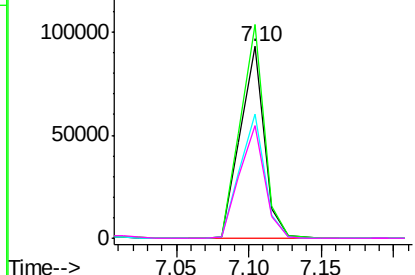
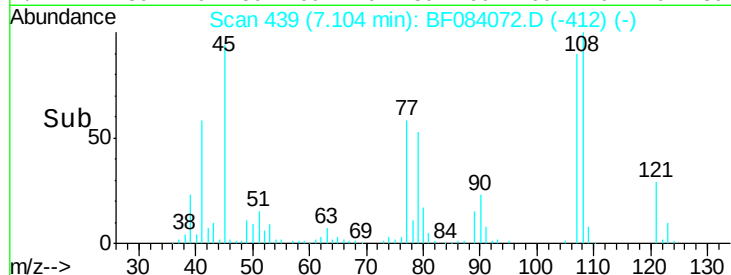
#17
2-Methylphenol
Concen: 38.71 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 106948
Ion Ratio Lower Upper
107 100
108 111.3 89.8 134.6
77 64.8 35.7 53.5#
79 58.6 35.7 53.5#

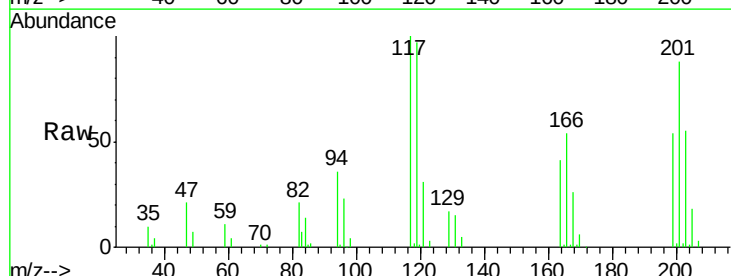


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

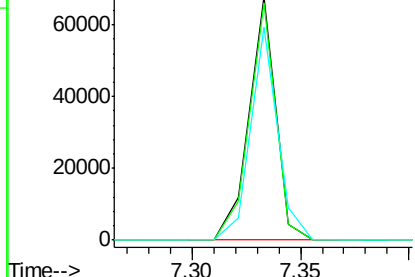
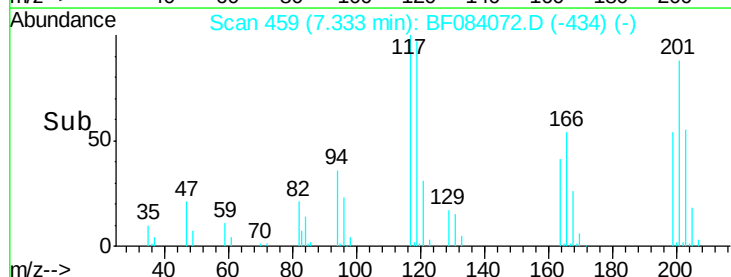


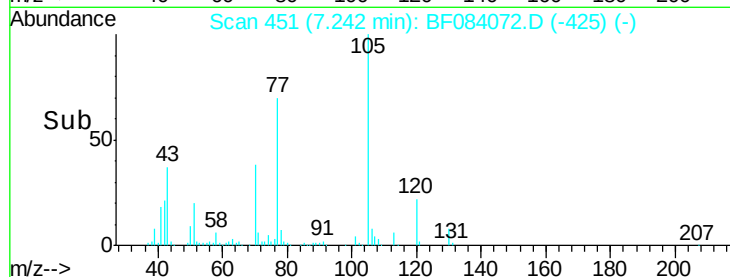
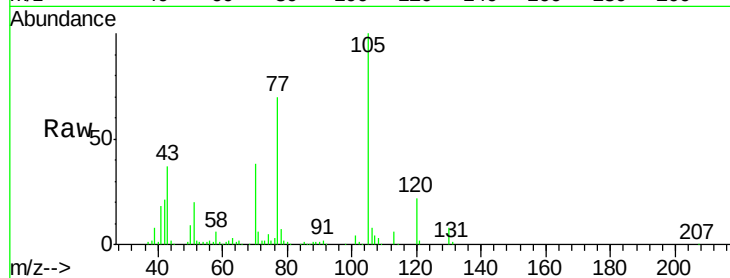
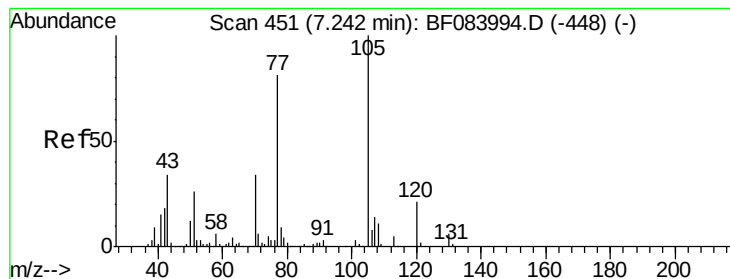
#18
Hexachloroethane
Concen: 41.98 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion:117 Resp: 57923
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0
201 87.7 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.64 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 87205

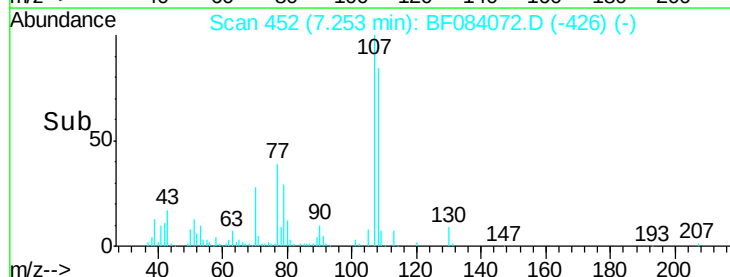
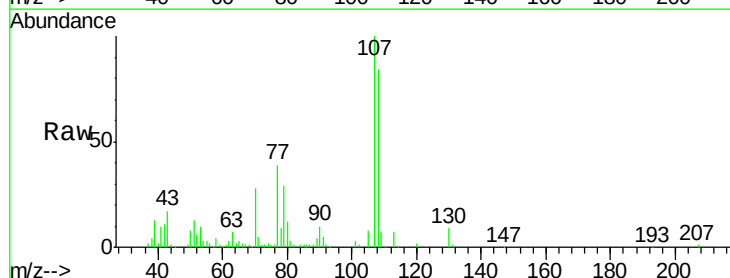
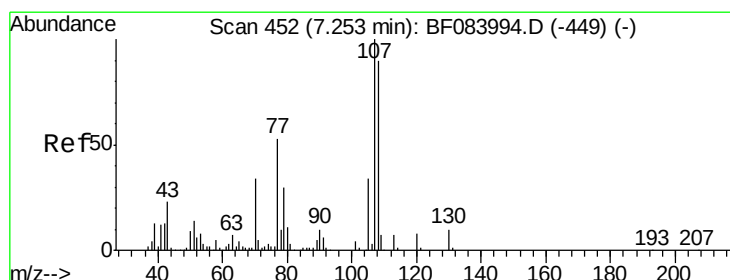
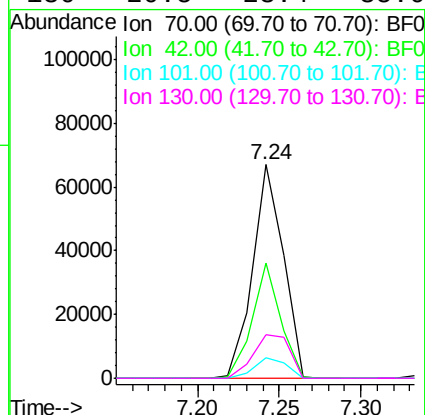
Ion Ratio Lower Upper

70 100

42 53.7 33.3 49.9#

101 9.9 9.3 13.9

130 20.5 23.4 35.0#



#20

3+4-Methylphenols

Concen: 40.83 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Tgt Ion:107 Resp: 139209

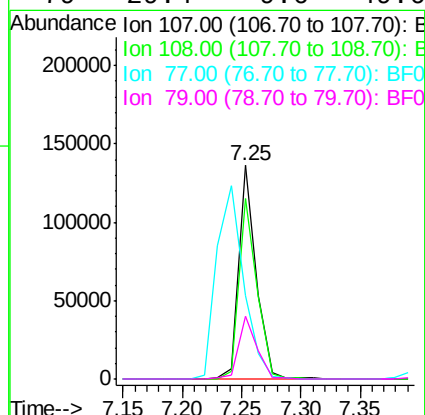
Ion Ratio Lower Upper

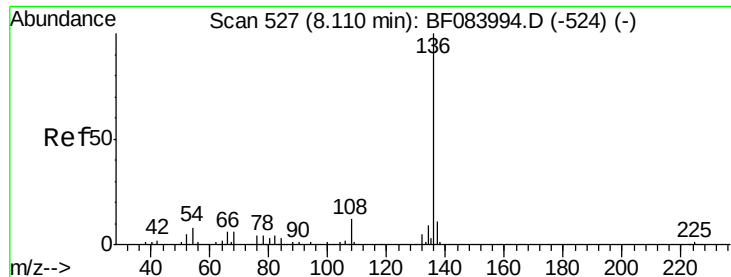
107 100

108 84.4 64.1 104.1

77 39.0 128.9 168.9#

79 29.4 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 201961

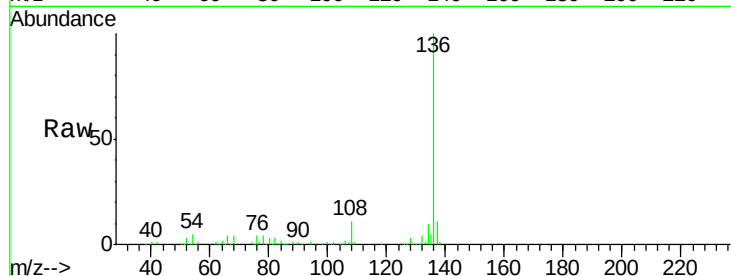
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 5.0 5.8 8.8#

68 3.9 4.2 6.2#

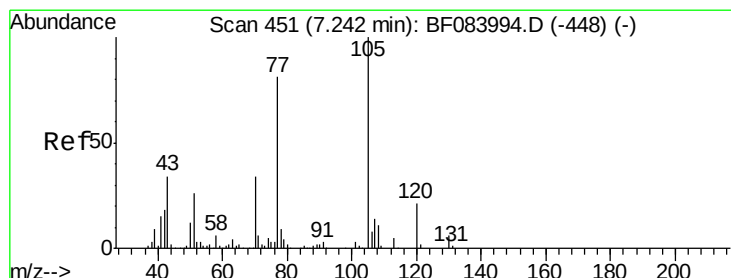
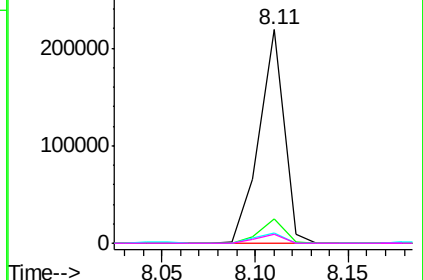
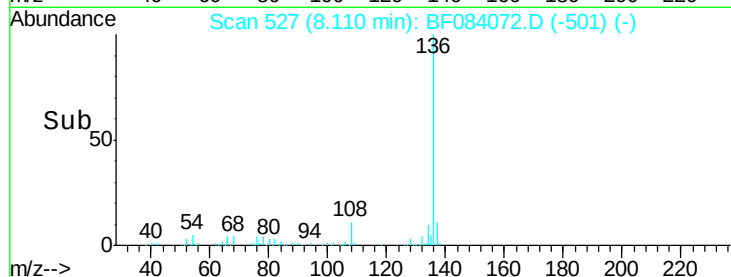


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.75 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Tgt Ion:105 Resp: 202588

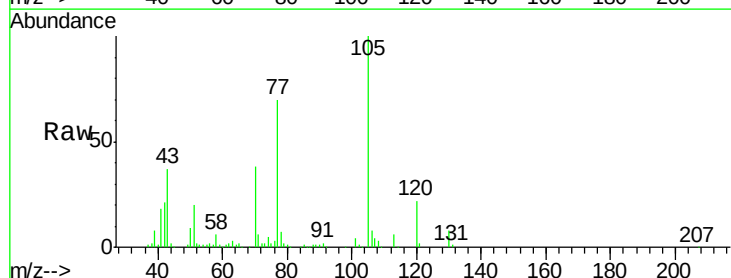
Ion Ratio Lower Upper

105 100

71 6.3 3.7 5.5#

51 20.4 25.1 37.7#

120 21.9 16.6 25.0

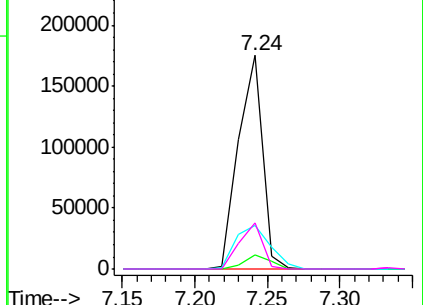
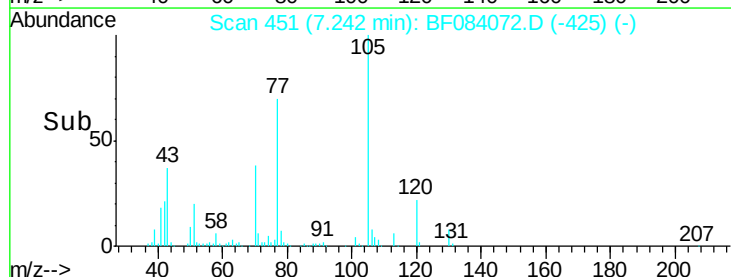


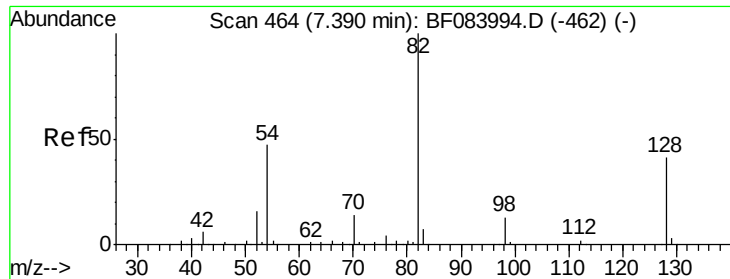
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

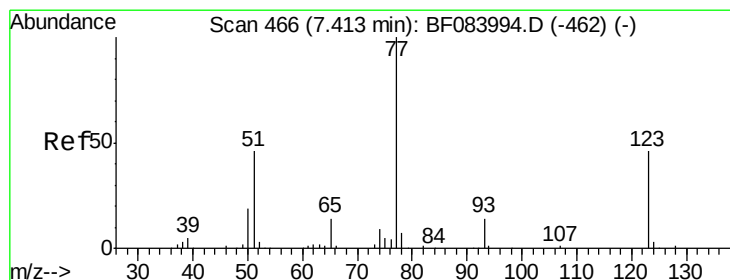
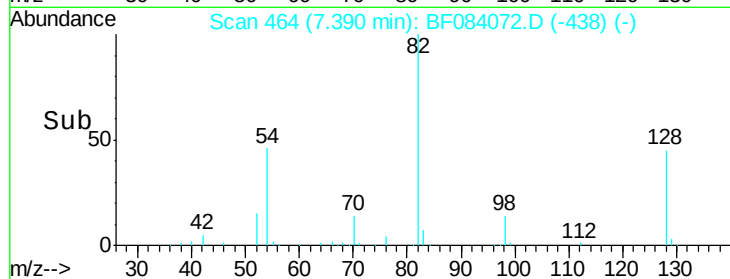
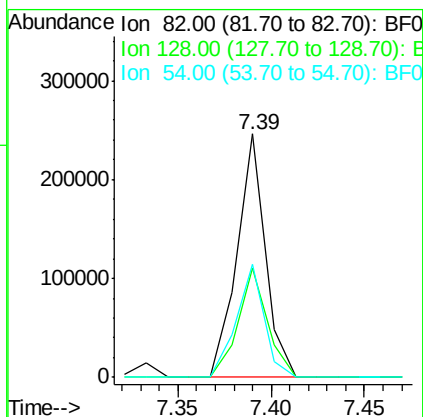
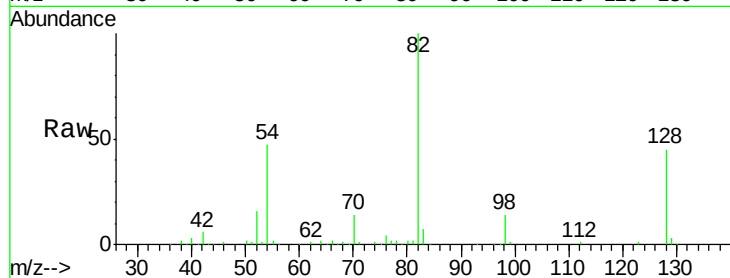




#23
 Nitrobenzene-d5
 Concen: 79.51 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

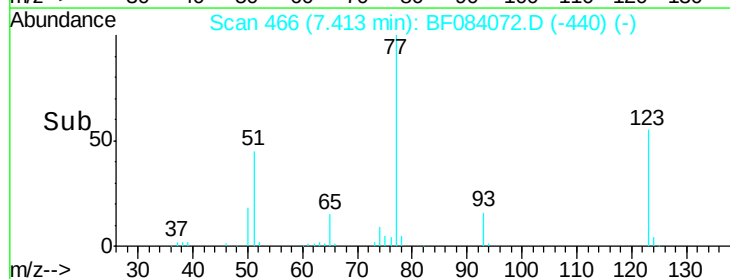
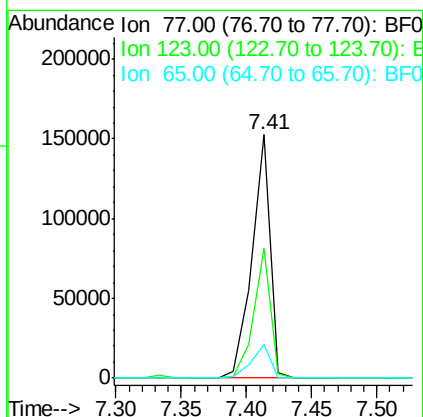
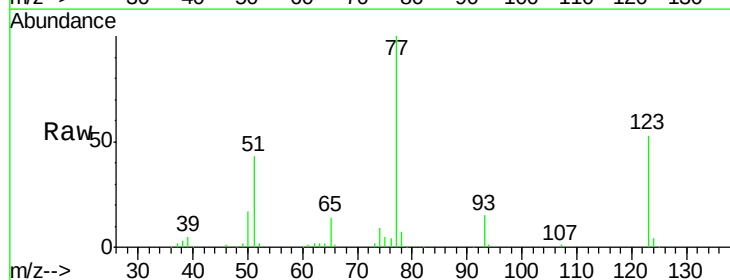
Instrument :
 BNA_F
 ClientSampleId :

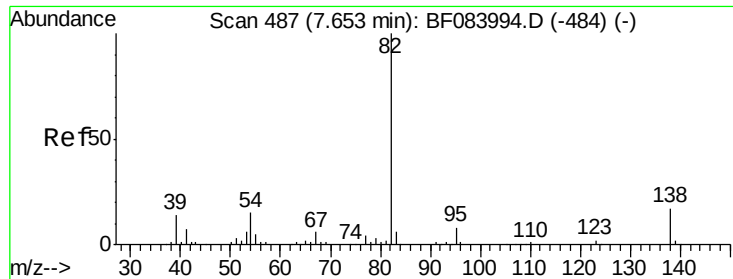
Tot Ion	82	Resp	261409
Ion Ratio	100	Lower	Upper
128	44.7	34.6	51.8
54	46.6	38.4	57.6



#24
 Nitrobenzene
 Concen: 43.86 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Tgt Ion	77	Resp	148587
Ion Ratio	100	Lower	Upper
123	53.3	37.4	56.2
65	13.8	10.9	16.3

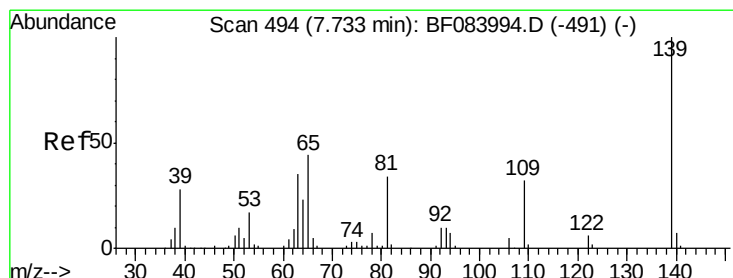
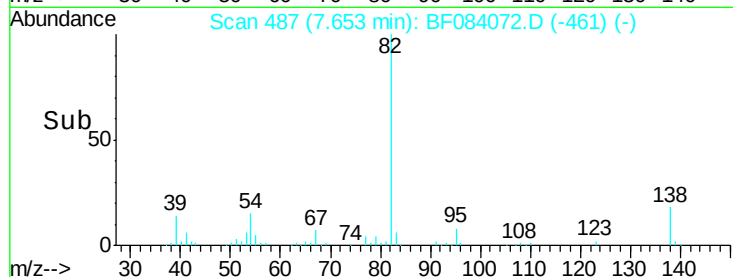
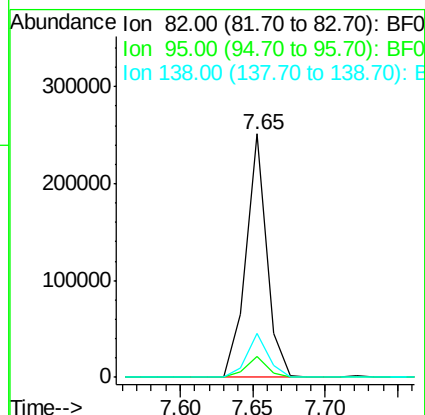
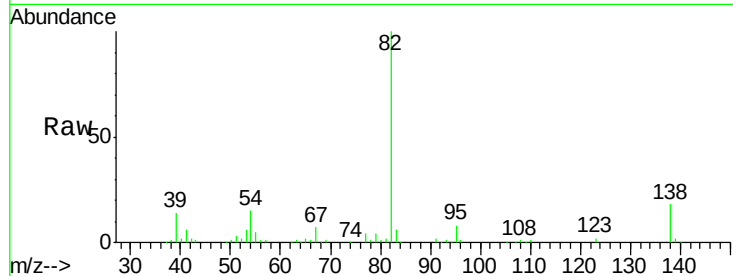




#25
Isophorone
Concen: 40.33 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

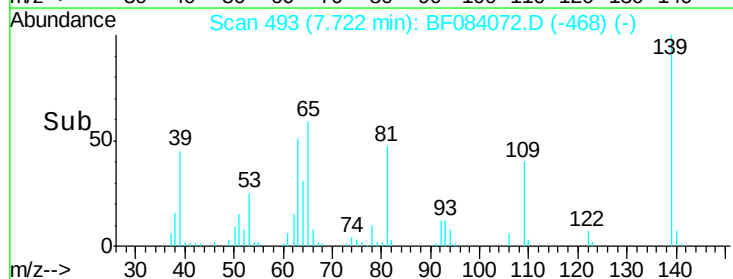
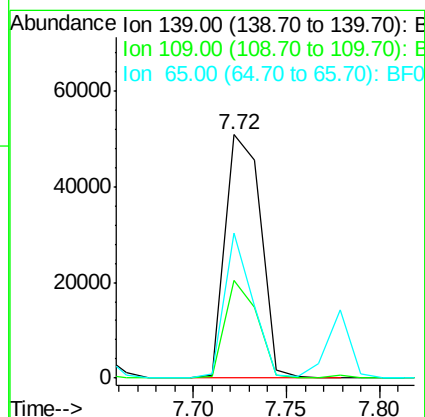
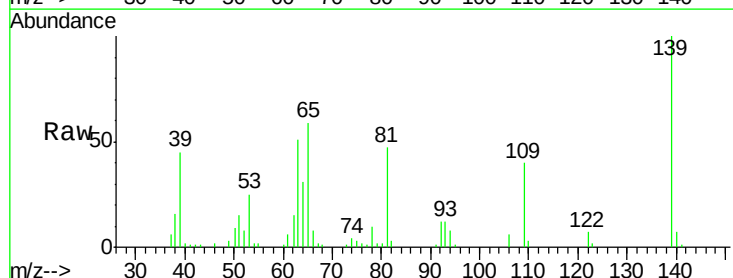
Instrument :
BNA_F
ClientSampleId :

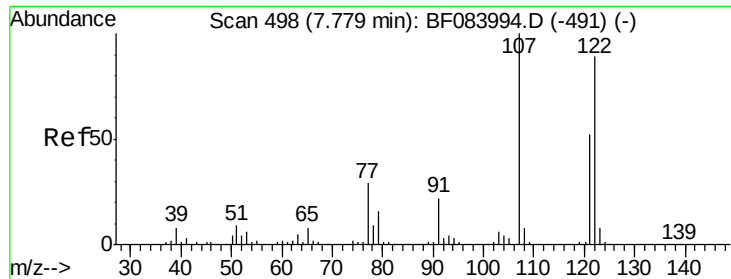
Tot Ion	82	Resp	251238
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.6	10.0
138	17.9	13.6	20.4



#26
2-Nitrophenol
Concen: 37.24 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion	139	Resp	67911
Ion Ratio	Lower	Upper	
139	100		
109	39.9	25.4	38.2#
65	59.4	32.3	48.5#

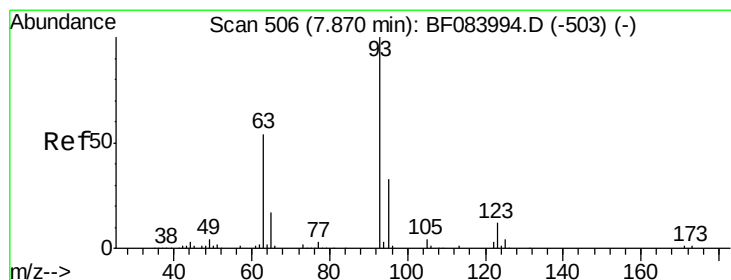
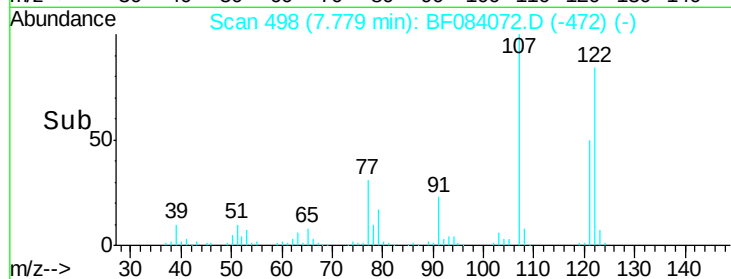
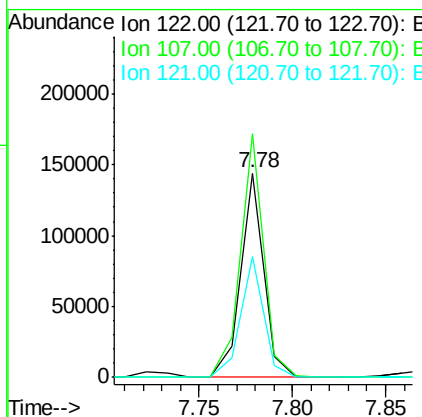
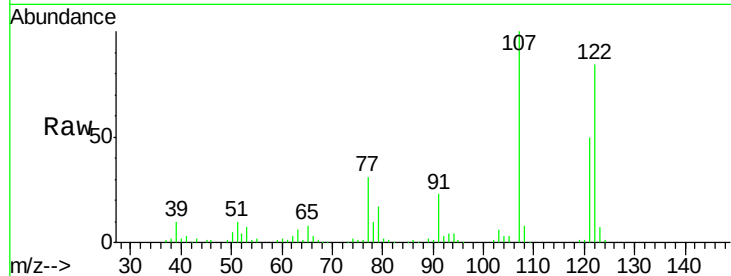




#27
2,4-Dimethylphenol
Concen: 39.25 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

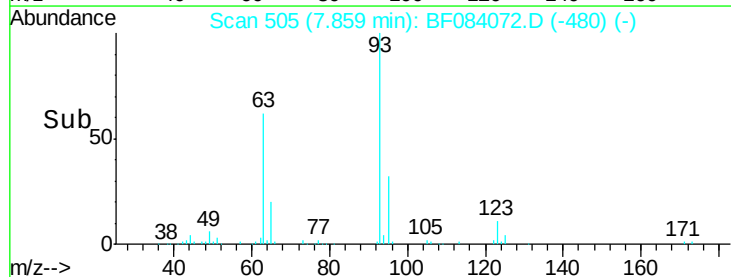
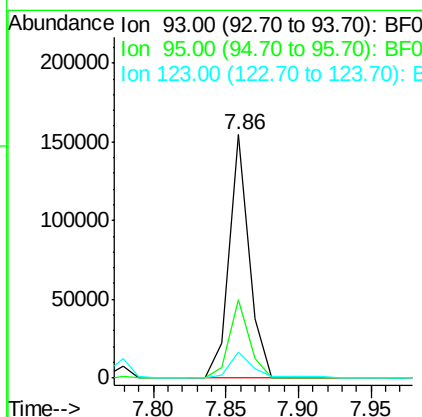
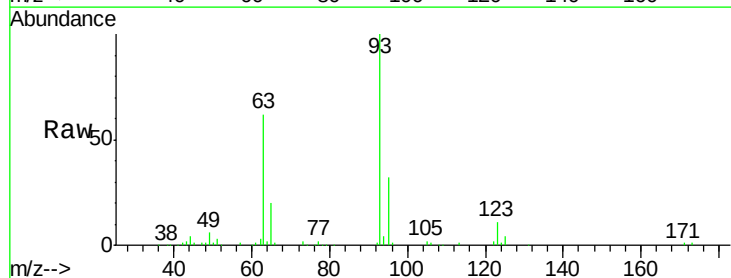
Instrument :
BNA_F
ClientSampleId :

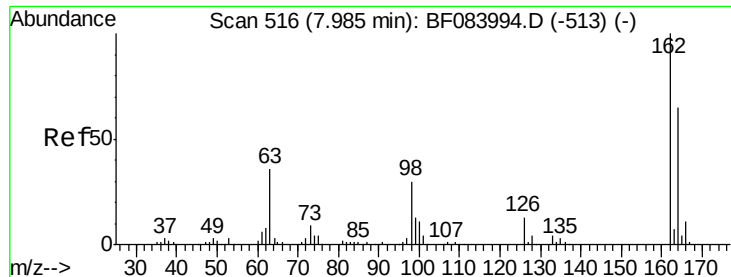
Tot Ion:122 Resp: 124754
Ion Ratio Lower Upper
122 100
107 119.3 99.1 148.7
121 59.4 47.9 71.9



#28
bis(2-Chloroethoxy)methane
Concen: 38.26 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion: 93 Resp: 147638
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.6
123 10.6 8.6 12.8

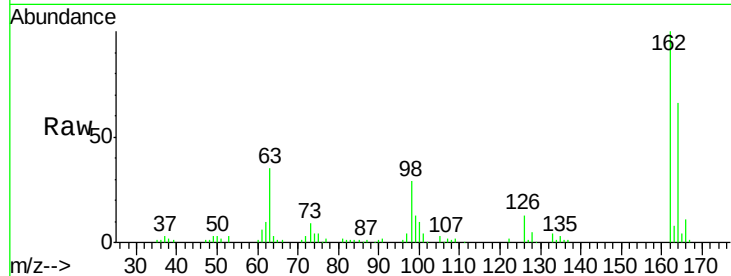




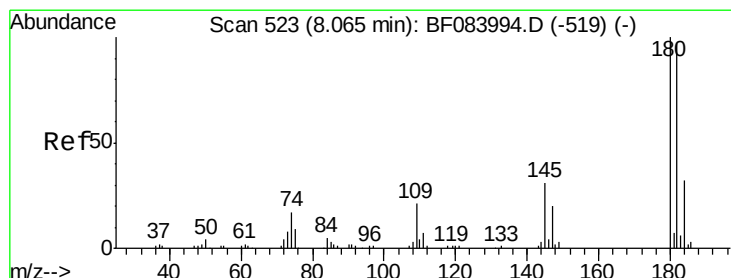
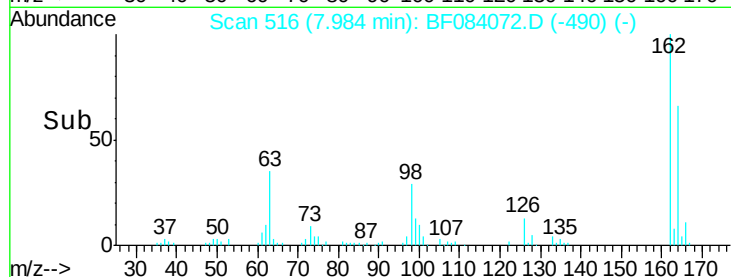
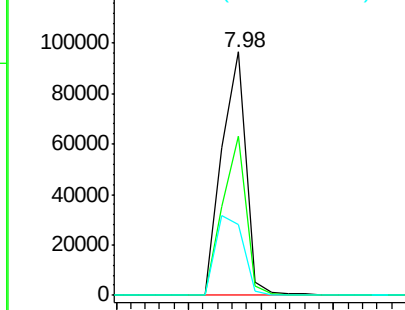
#29
 2,4-Dichlorophenol
 Concen: 39.24 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 111409
 Ion Ratio Lower Upper
 162 100
 164 65.6 44.1 84.1
 98 29.3 20.2 60.2

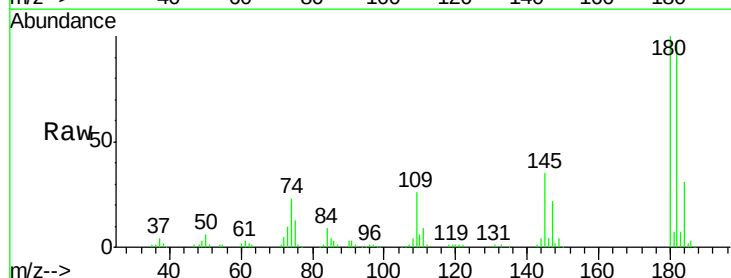


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

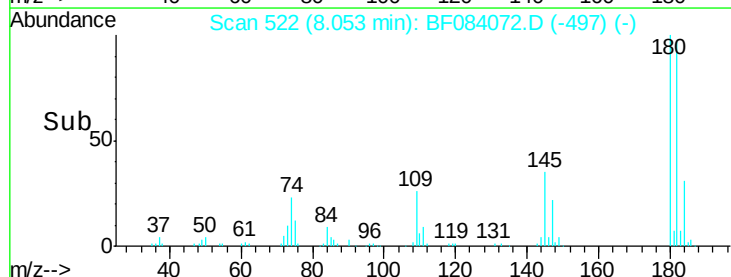
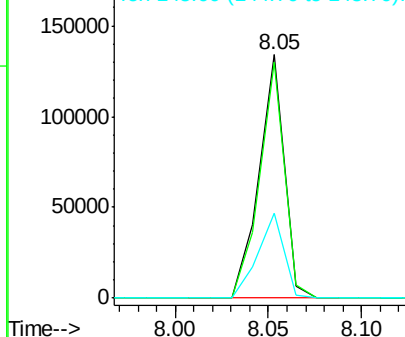


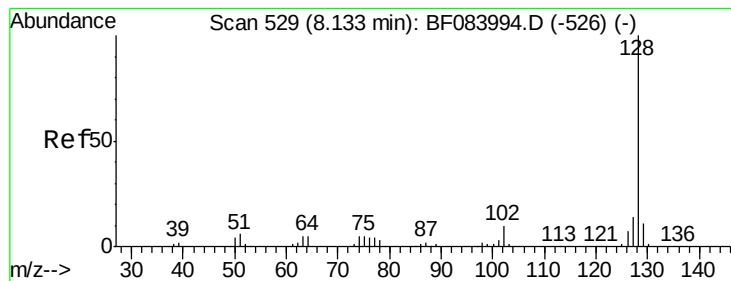
#30
 1,2,4-Trichlorobenzene
 Concen: 42.14 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Tgt Ion:180 Resp: 124815
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.4 114.6
 145 34.8 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: 41.68 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

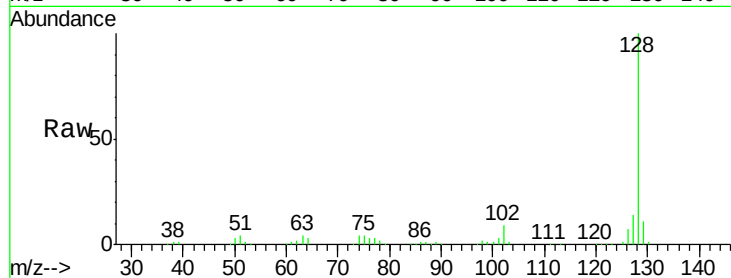
Tot Ion:128 Resp: 430014

Ion Ratio Lower Upper

128 100

129 10.7 9.1 13.7

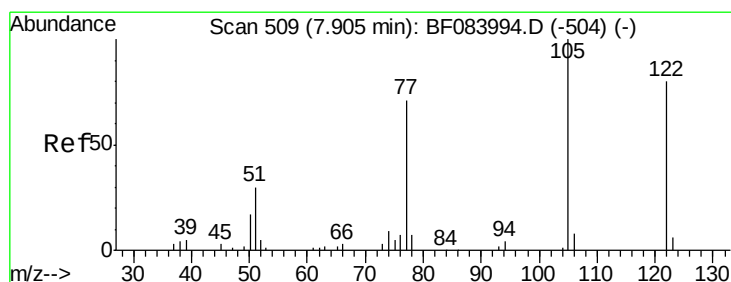
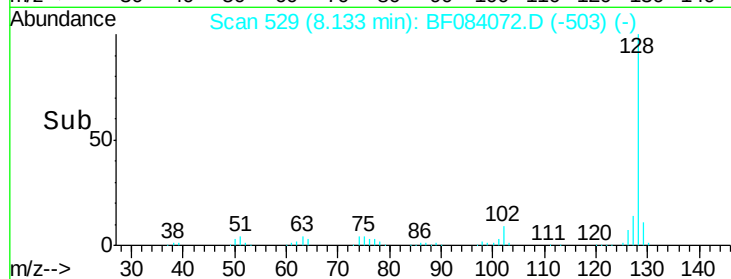
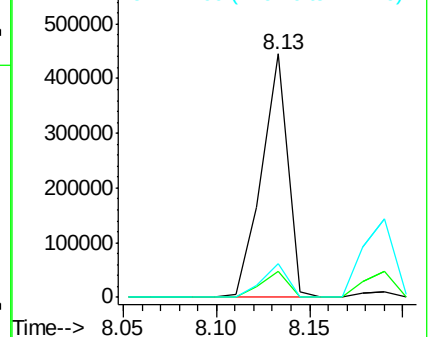
127 13.9 11.1 16.7



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: 32.21 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

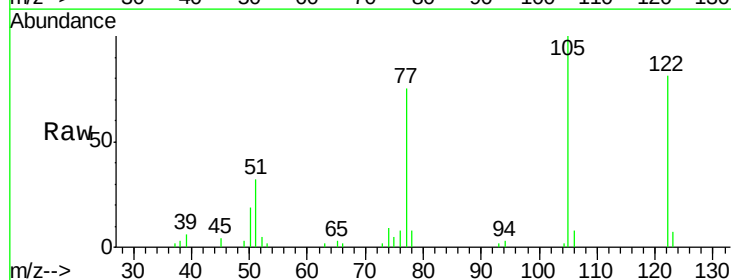
Tgt Ion:122 Resp: 44364

Ion Ratio Lower Upper

122 100

105 123.1 100.3 140.3

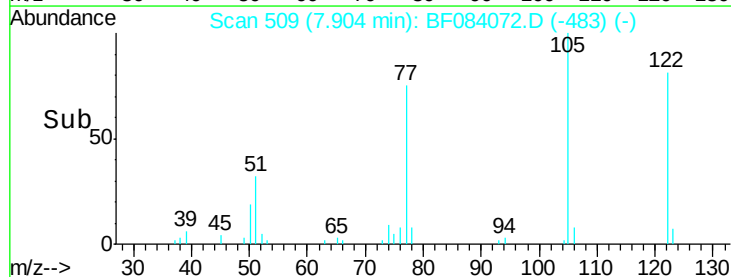
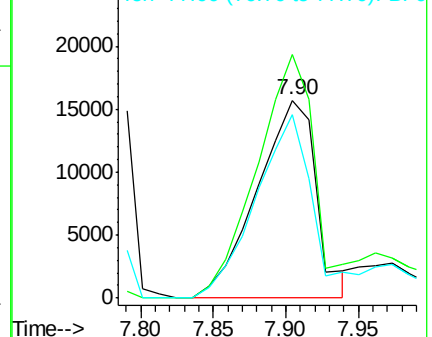
77 92.7 63.5 103.5

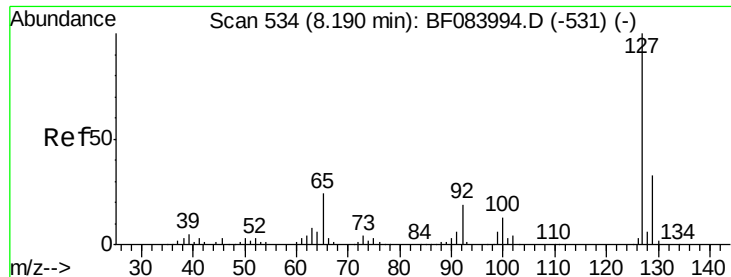


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

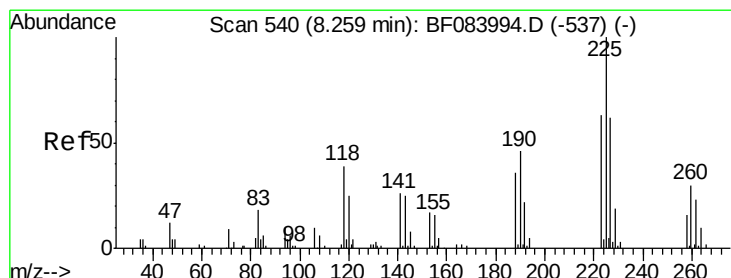
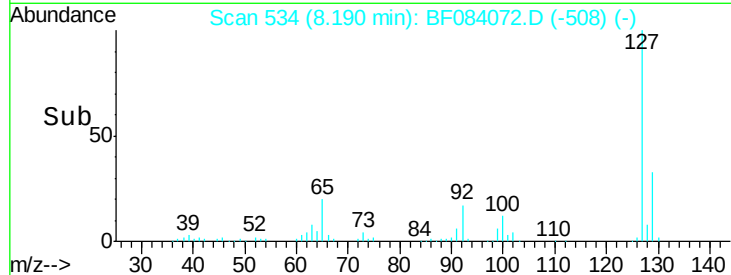
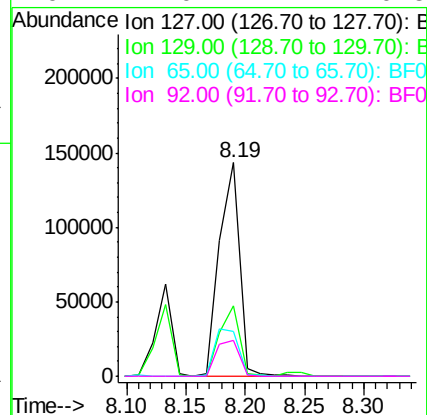
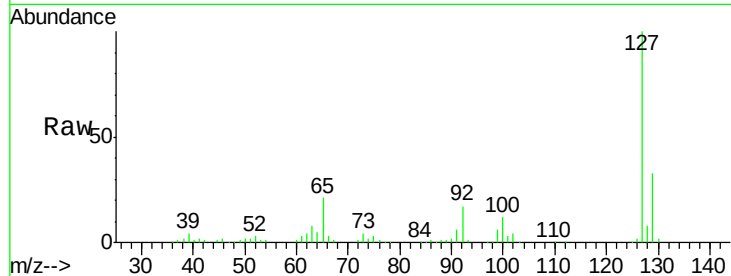




#33
4-Chloroaniline
Concen: 39.75 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

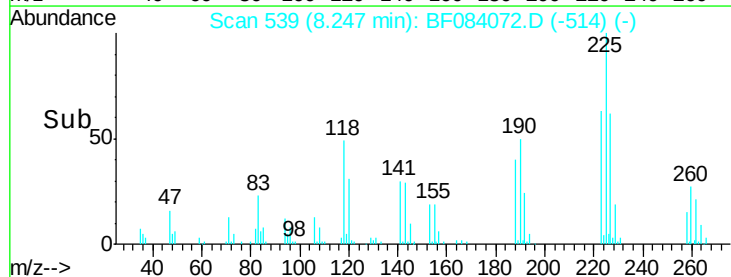
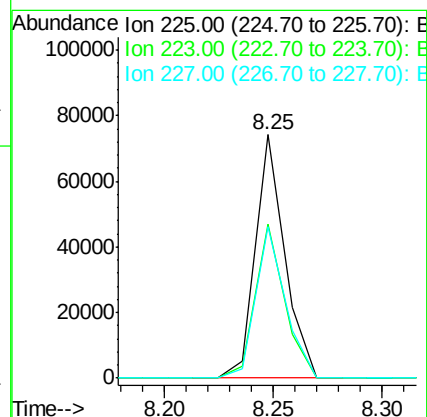
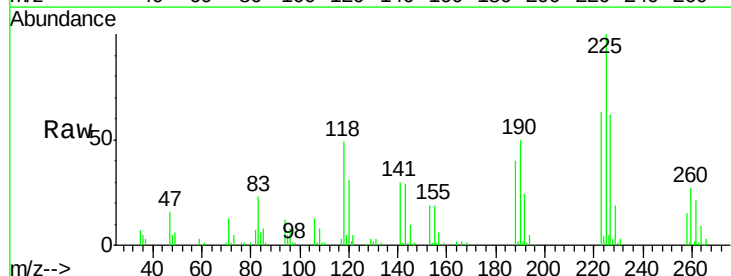
Instrument :
BNA_F
ClientSampleId :

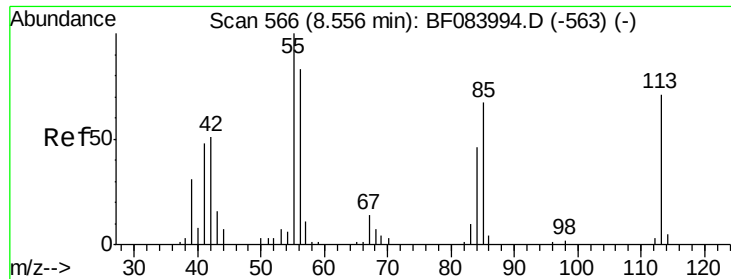
Tot Ion:	127	Resp:	167706
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	20.8	27.2	40.8#
92	17.0	17.7	26.5#



#34
Hexachlorobutadiene
Concen: 39.13 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion:	225	Resp:	69264
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	62.3	50.8	76.2

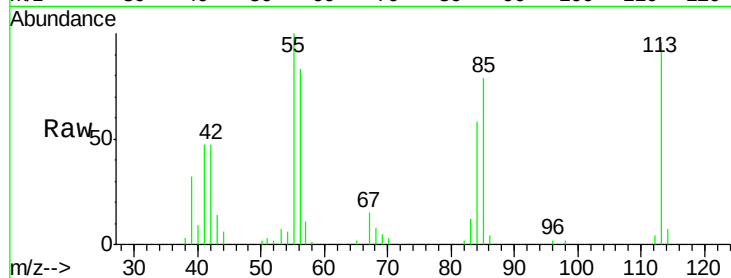




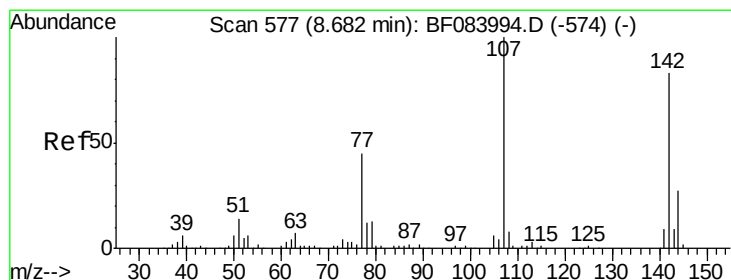
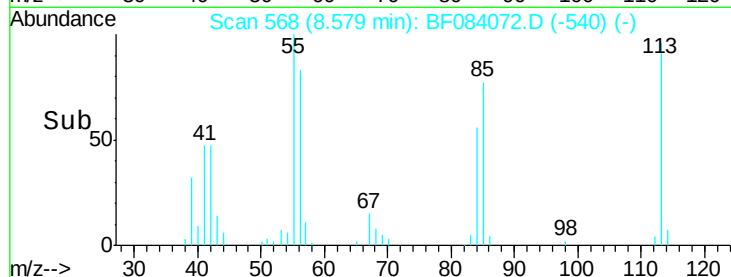
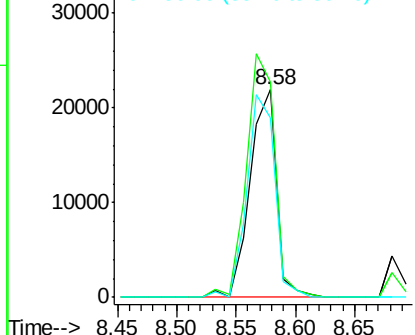
#35
Caprolactam
Concen: 40.21 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 34310
Ion Ratio Lower Upper
113 100
55 103.6 116.9 156.9#
56 86.4 93.8 133.8#

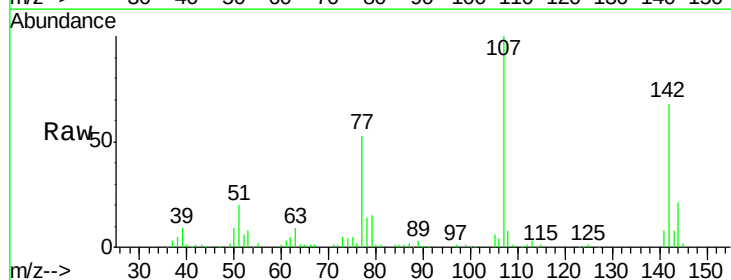


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

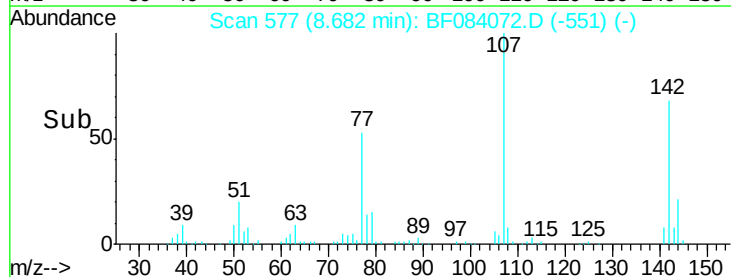
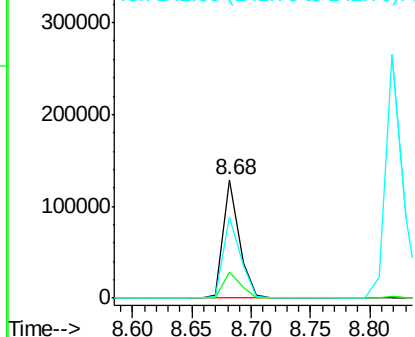


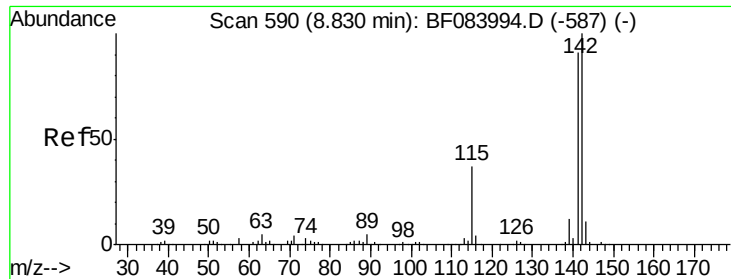
#36
4-Chloro-3-methylphenol
Concen: 39.59 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion:107 Resp: 120231
Ion Ratio Lower Upper
107 100
144 21.4 19.7 29.5
142 67.8 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

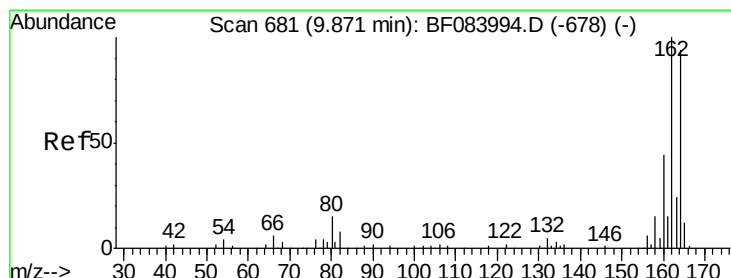
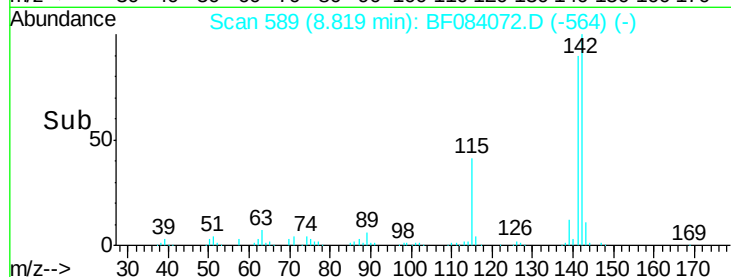
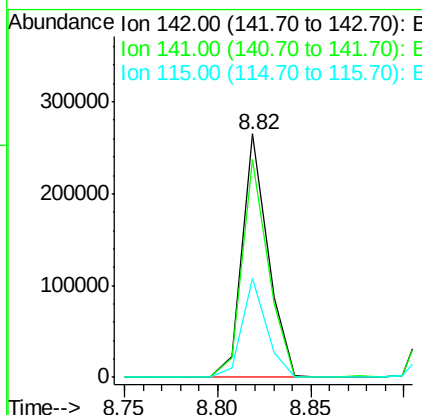
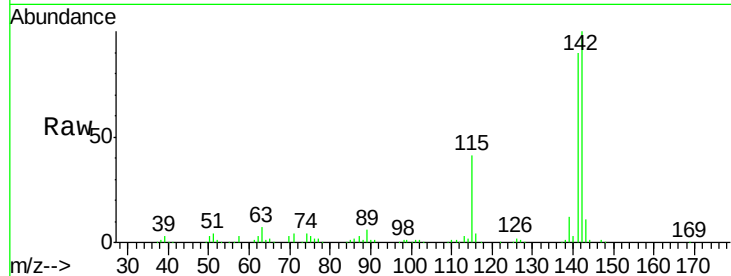




#37
2-Methylnaphthalene
Concen: 38.67 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

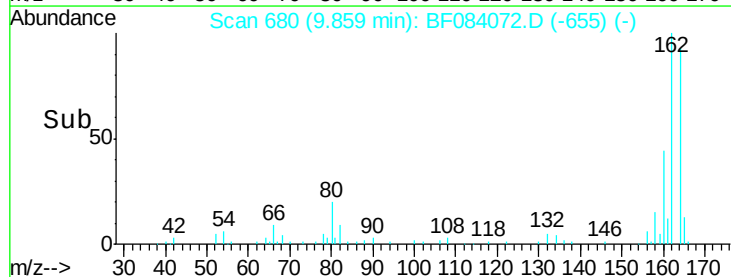
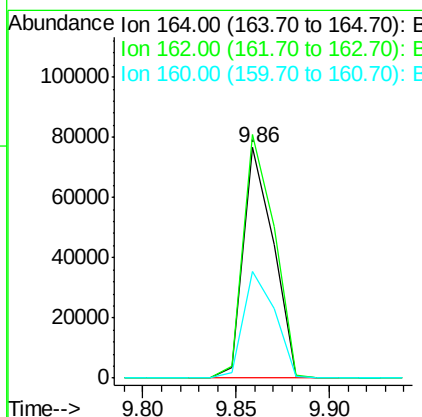
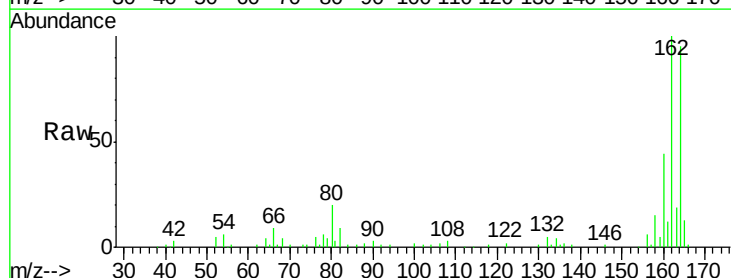
Instrument :
BNA_F
ClientSampleId :

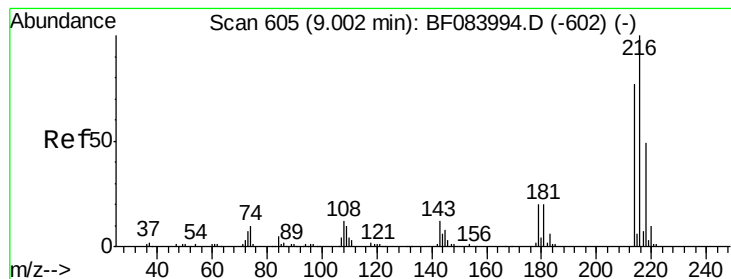
Tot Ion:142 Resp: 258360
Ion Ratio Lower Upper
142 100
141 89.5 72.4 108.6
115 40.7 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion:164 Resp: 85856
Ion Ratio Lower Upper
164 100
162 105.6 85.1 127.7
160 46.3 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.90 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 121050

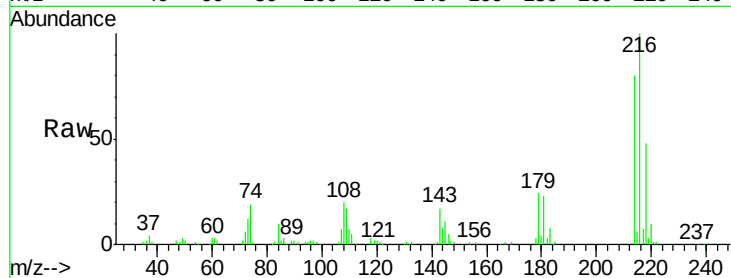
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 24.1 18.7 28.1

108 21.0 16.8 25.2

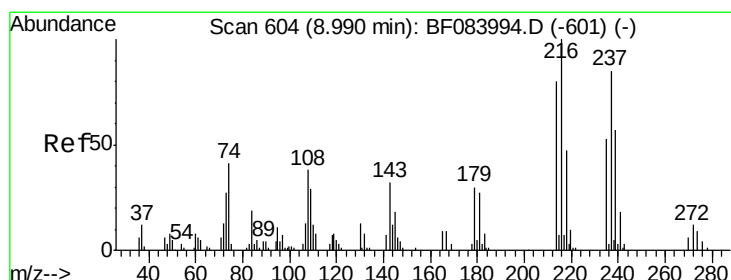
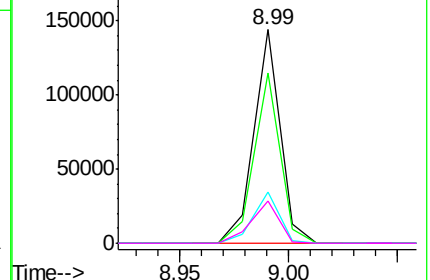
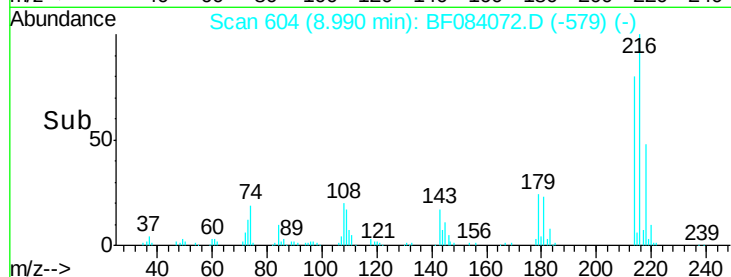


Abundance Ion 216.00 (215.70 to 216.70): E

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: 21.31 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

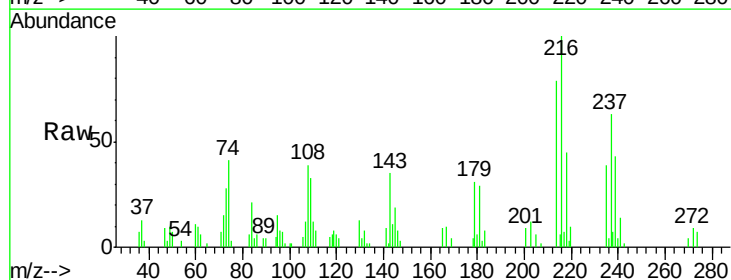
Tgt Ion:237 Resp: 9633

Ion Ratio Lower Upper

237 100

235 62.3 43.1 83.1

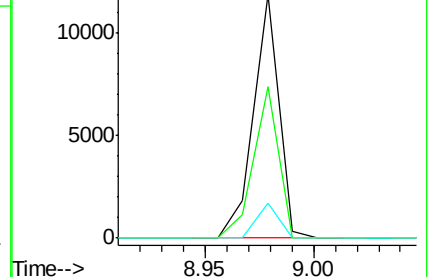
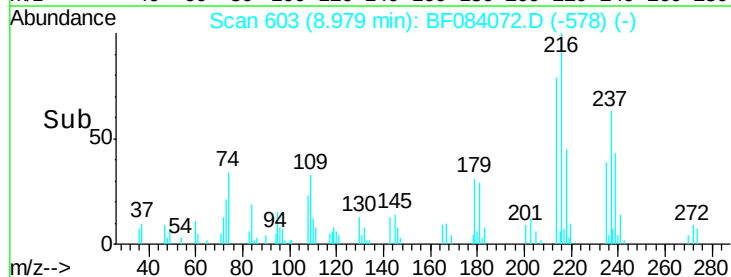
272 14.6 0.0 35.1

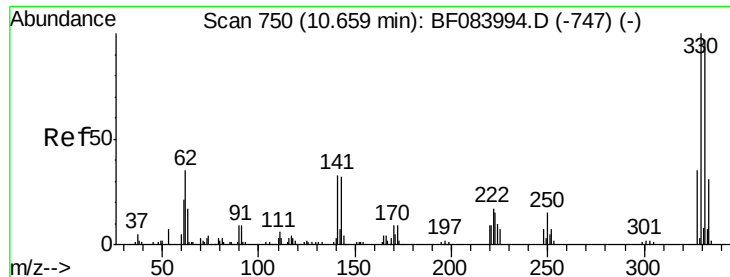


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

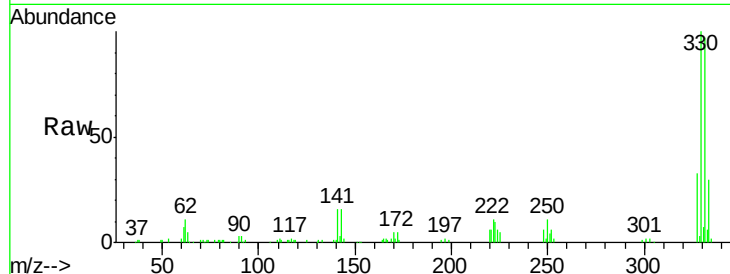




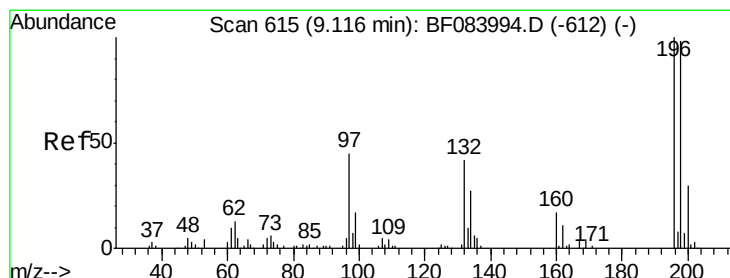
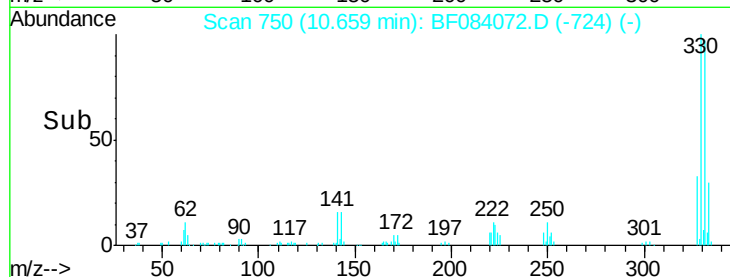
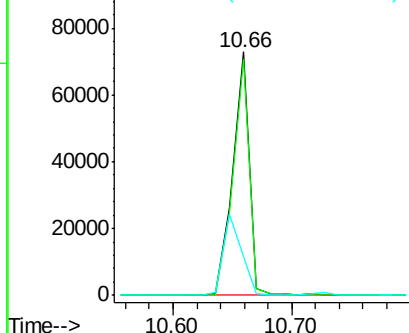
#41
 2,4,6-Tribromophenol
 Concen: 85.69 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 70764
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 35.7 27.8 41.6

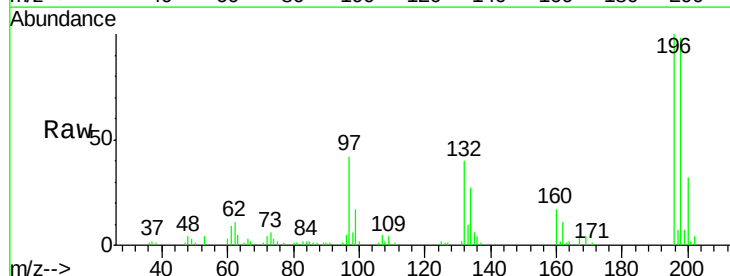


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

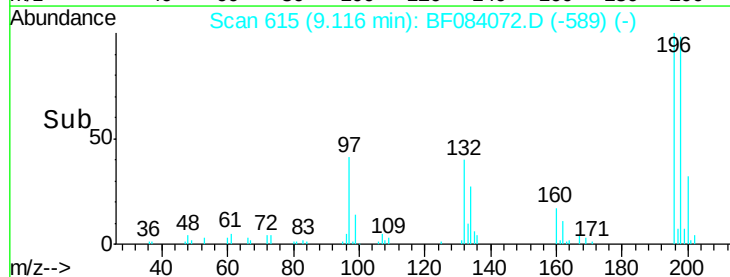
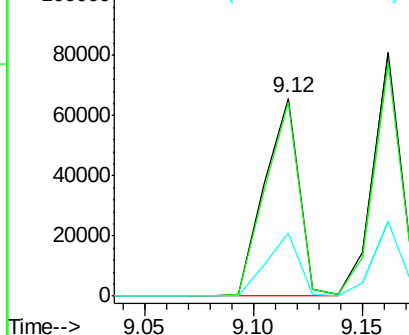


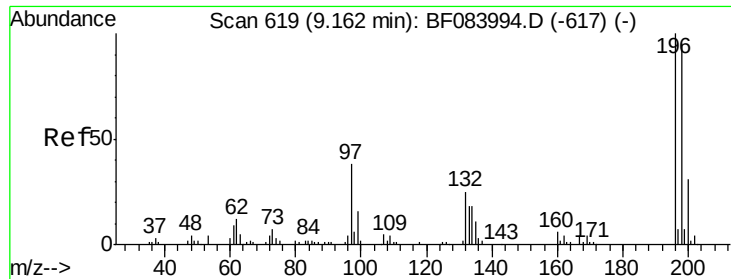
#42
 2,4,6-Trichlorophenol
 Concen: 46.78 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Tgt Ion:196 Resp: 72716
 Ion Ratio Lower Upper
 196 100
 198 97.9 77.7 116.5
 200 32.1 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

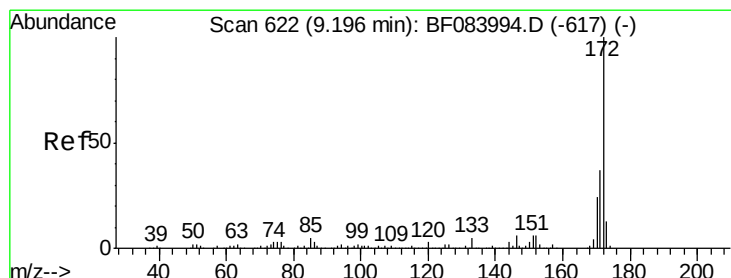
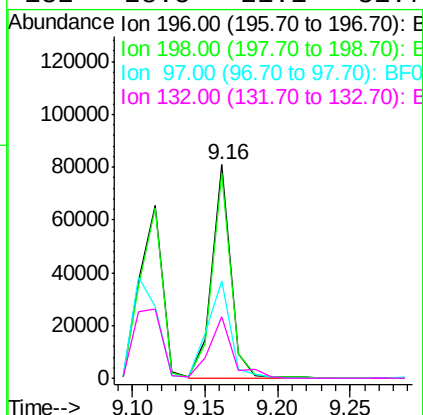
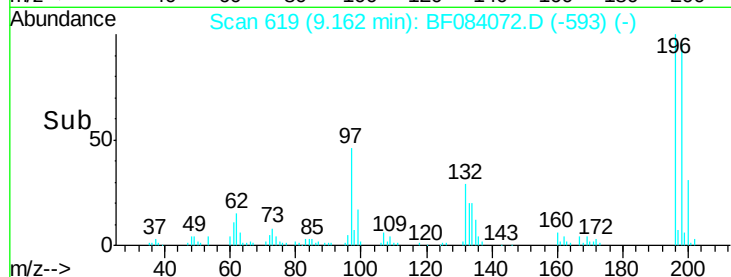
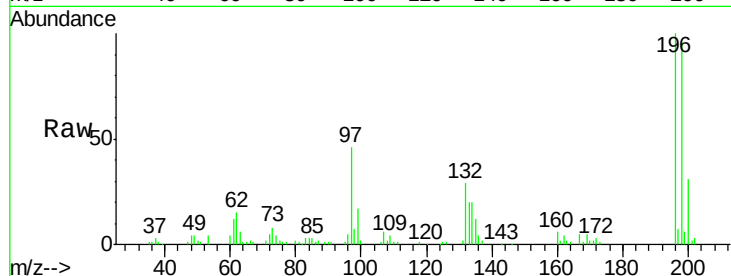




#43
 2,4,5-Trichlorophenol
 Concen: 45.69 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

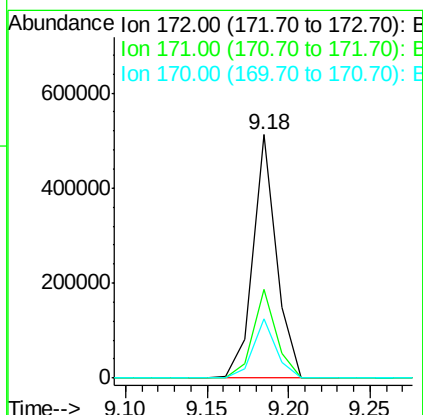
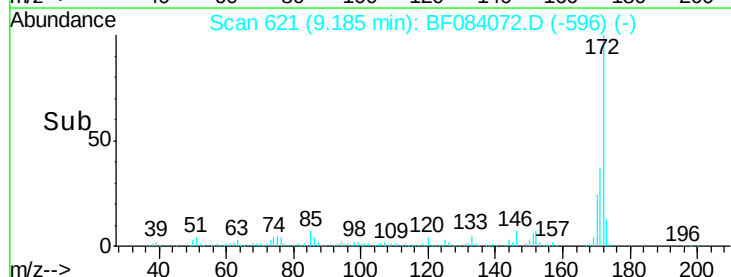
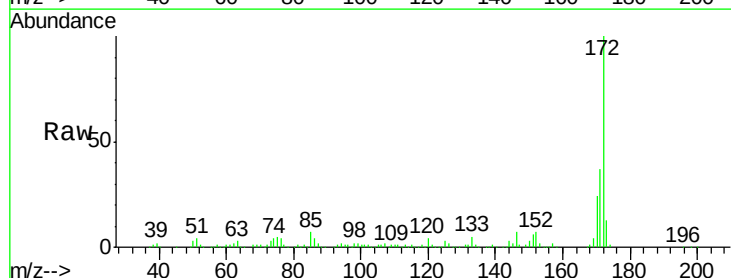
Instrument :
 BNA_F
 ClientSampleId :

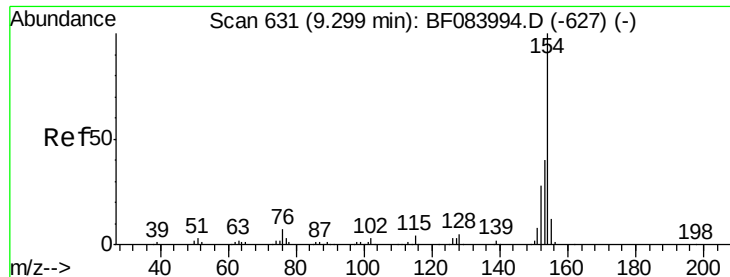
Tot Ion:	196	Resp:	73908
Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.0	118.6
97	45.7	33.0	49.6
132	28.5	21.1	31.7



#44
 2-Fluorobiphenyl
 Concen: 80.05 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Tgt Ion:	172	Resp:	510679
Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.3	18.6	27.8





#45

1,1'-Biphenyl

Concen: 45.68 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampled :

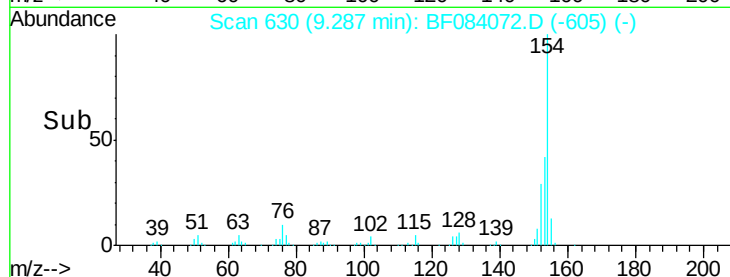
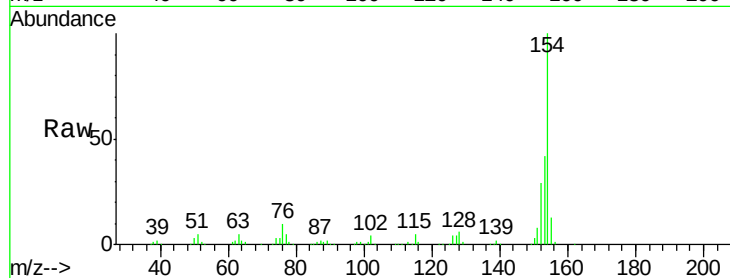
Tot Ion:154 Resp: 346712

Ion Ratio Lower Upper

154 100

153 41.6 21.6 61.6

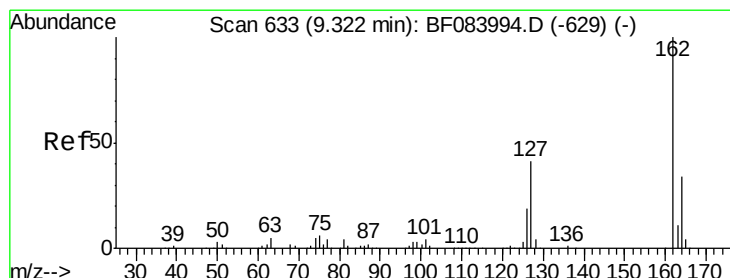
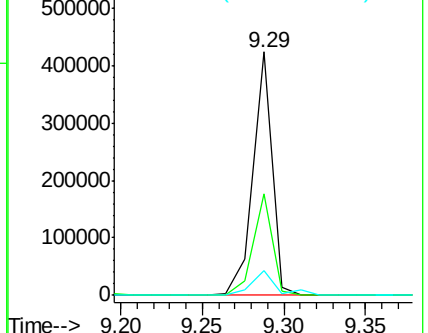
76 10.2 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.74 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

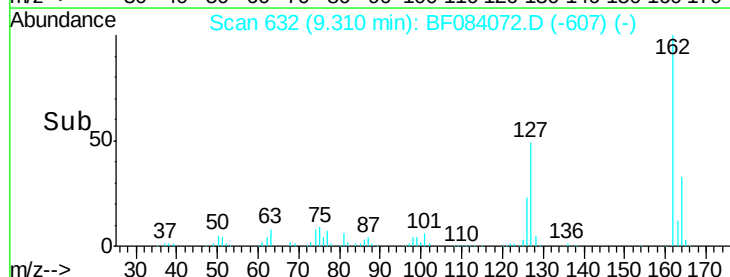
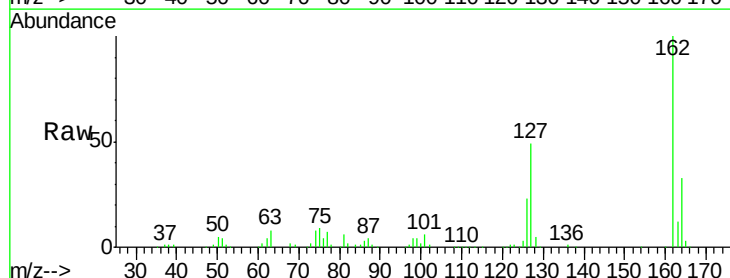
Tgt Ion:162 Resp: 238978

Ion Ratio Lower Upper

162 100

127 49.0 40.2 60.4

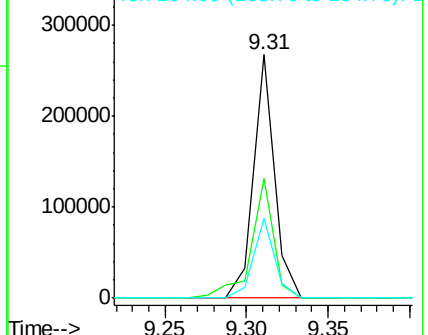
164 32.8 25.7 38.5

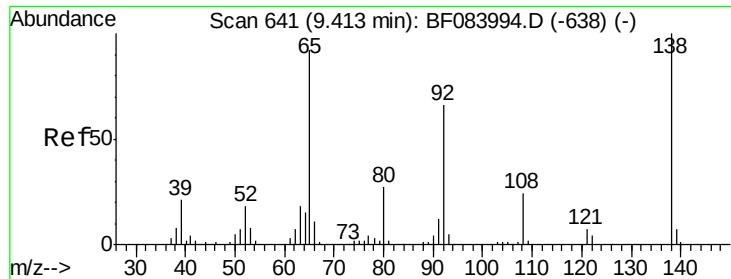


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

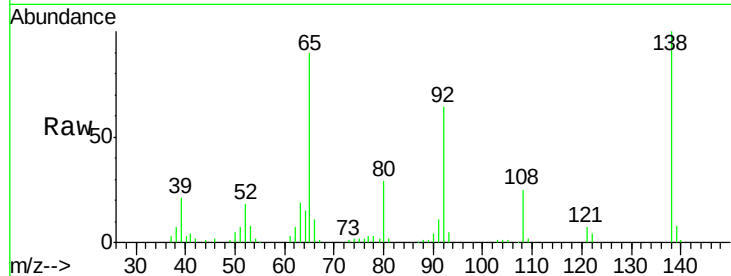




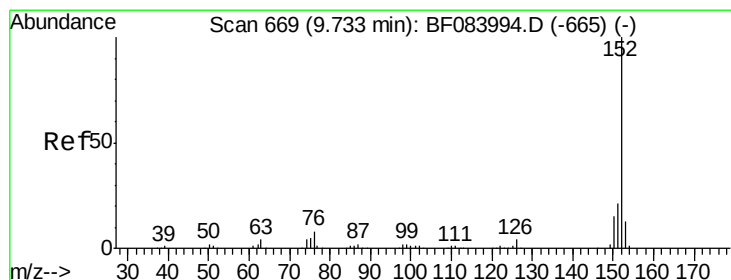
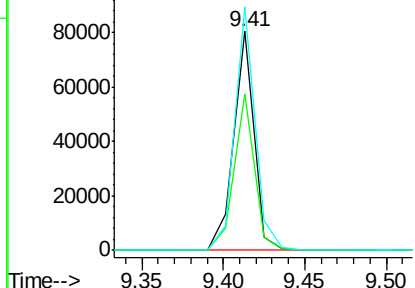
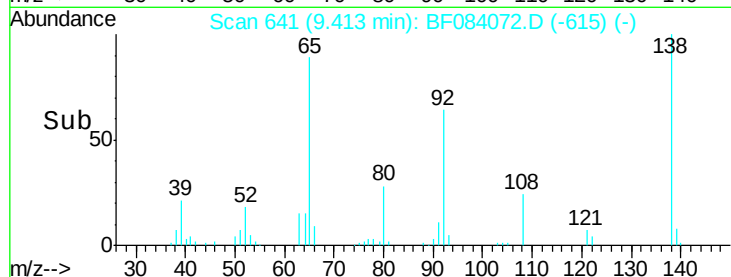
#47
2-Nitroaniline
Concen: 46.02 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 68554
Ion Ratio Lower Upper
65 100
92 71.7 53.4 80.2
138 111.2 71.1 106.7#

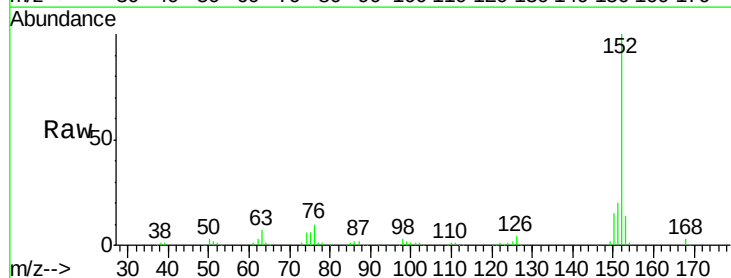


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

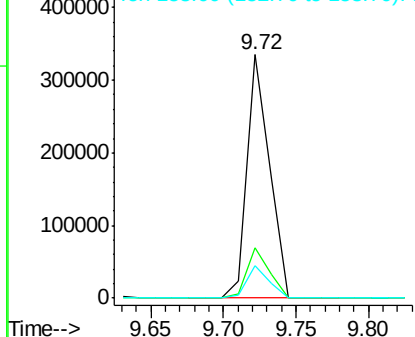
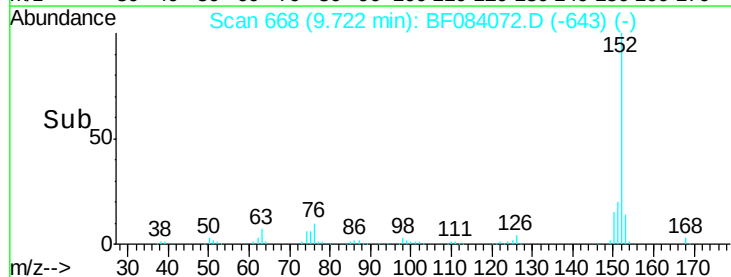


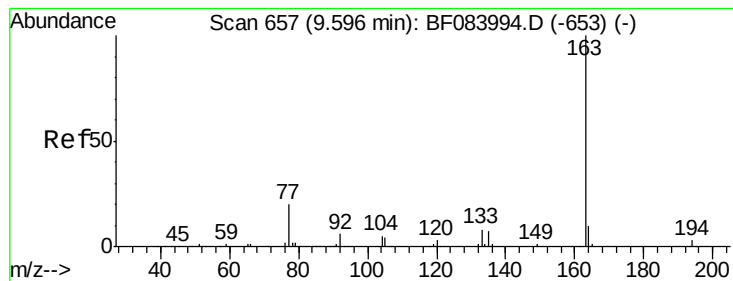
#48
Acenaphthylene
Concen: 41.60 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion: 152 Resp: 359943
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 46.75 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

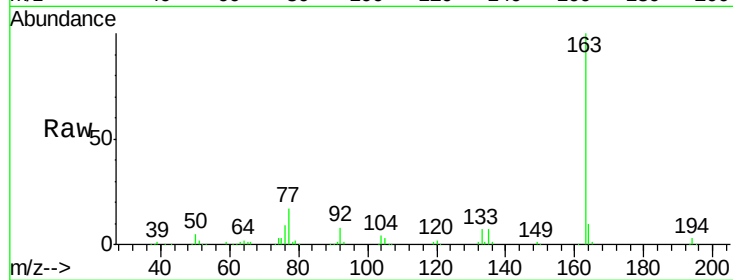
Tot Ion:163 Resp: 314047

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

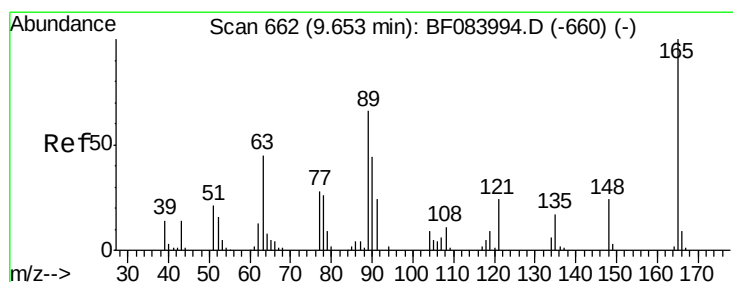
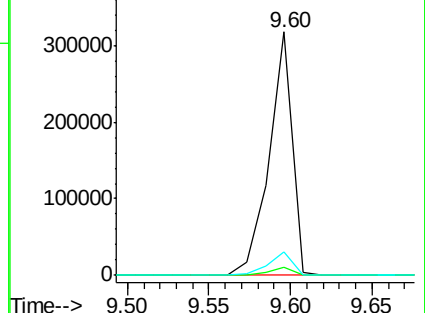
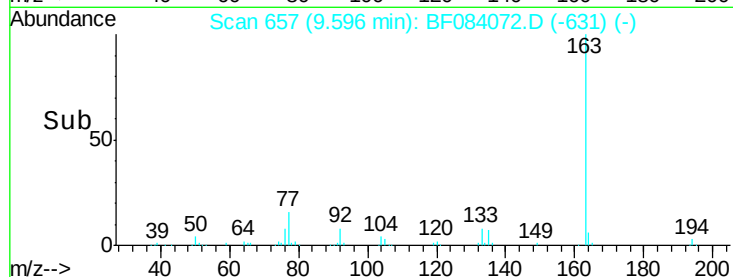
164 9.9 8.0 12.0



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: 41.72 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

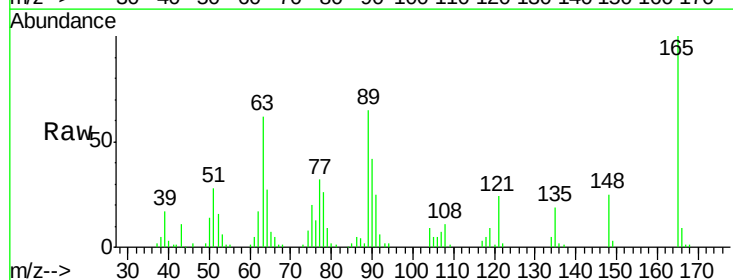
Tgt Ion:165 Resp: 59155

Ion Ratio Lower Upper

165 100

63 61.7 28.8 43.2#

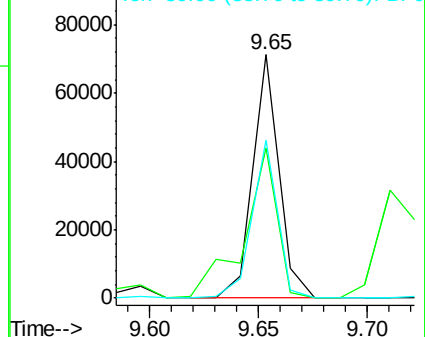
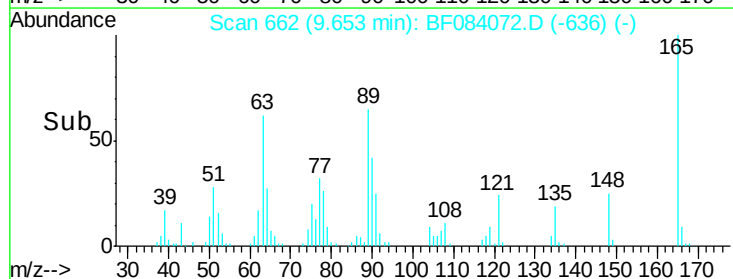
89 64.7 35.1 52.7#

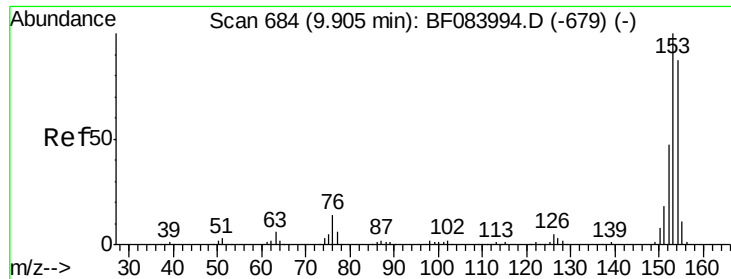


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.14 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

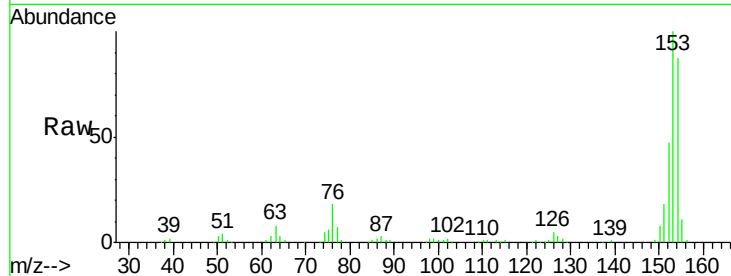
Tot Ion:154 Resp: 206536

Ion Ratio Lower Upper

154 100

153 115.3 91.5 137.3

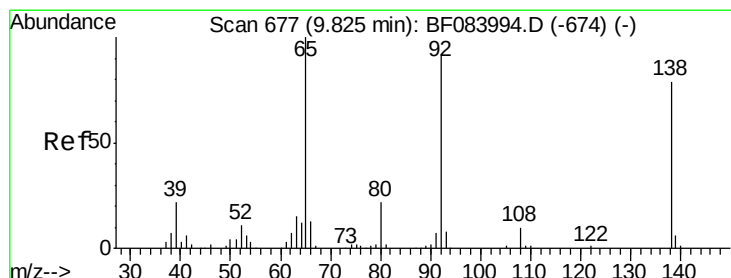
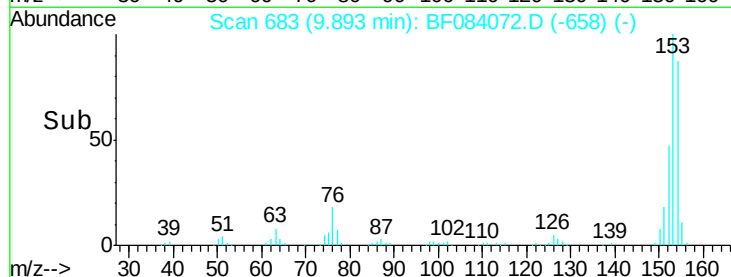
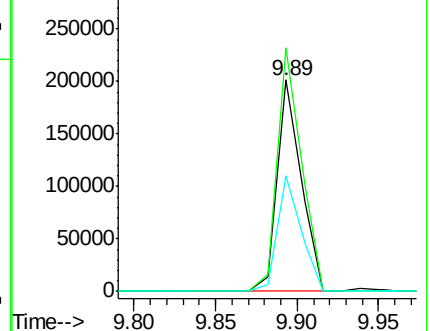
152 54.5 43.0 64.6



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: 39.53 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

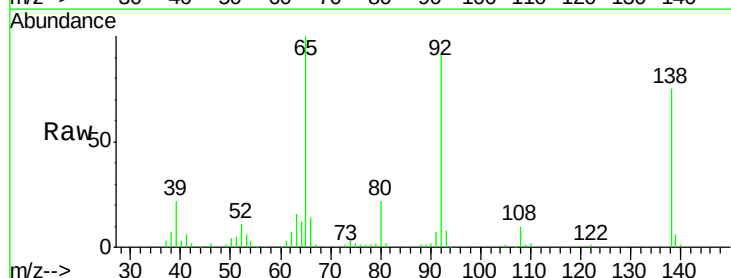
Tgt Ion:138 Resp: 59537

Ion Ratio Lower Upper

138 100

108 12.9 10.5 15.7

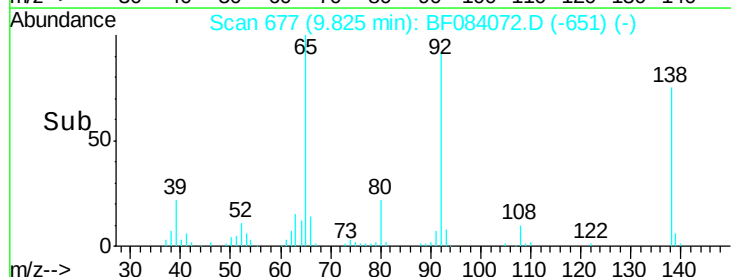
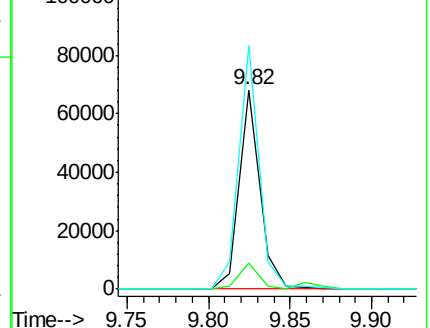
92 122.2 103.9 155.9

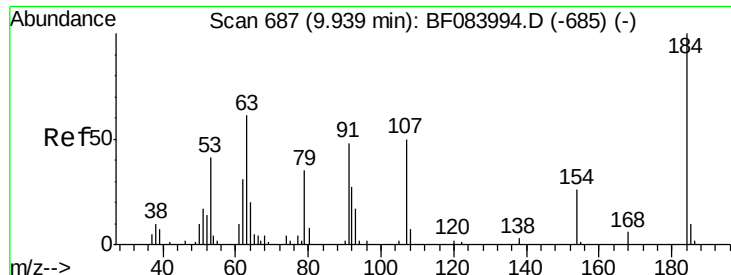


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

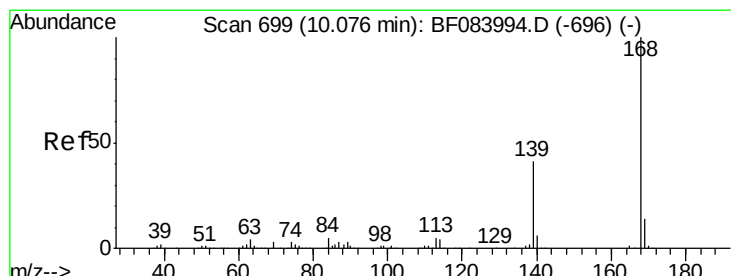
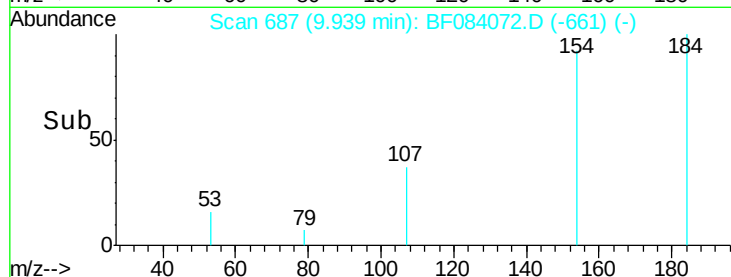
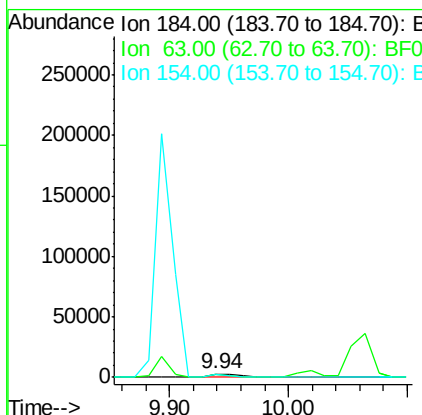
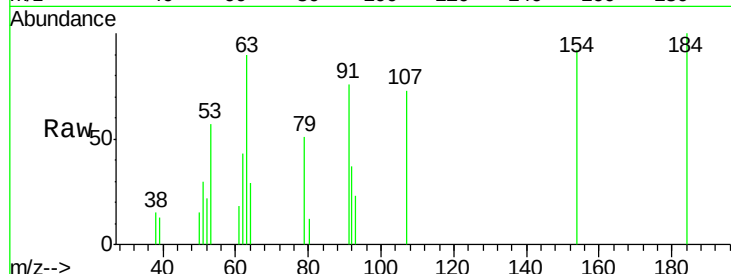




#53
 2,4-Dinitrophenol
 Concen: 16.05 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

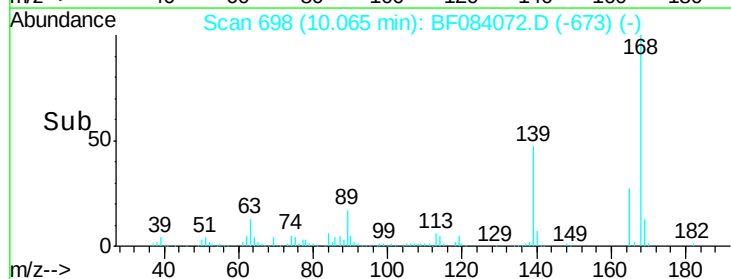
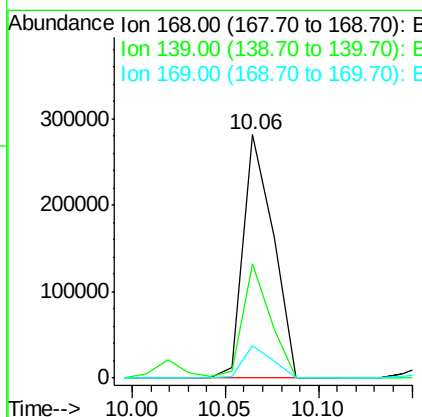
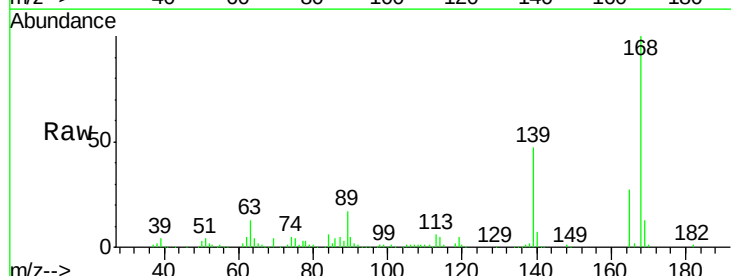
Instrument :
 BNA_F
 ClientSampleId :

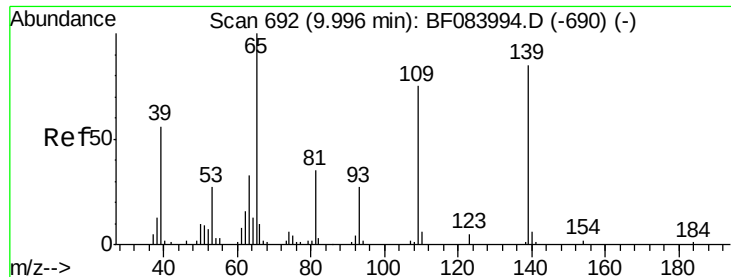
Tot Ion:184 Resp: 5423
 Ion Ratio Lower Upper
 184 100
 63 90.3 43.1 64.7#
 154 92.1 60.5 90.7#



#54
 Dibenzofuran
 Concen: 40.72 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Tgt Ion:168 Resp: 313557
 Ion Ratio Lower Upper
 168 100
 139 46.9 30.5 45.7#
 169 13.4 10.4 15.6

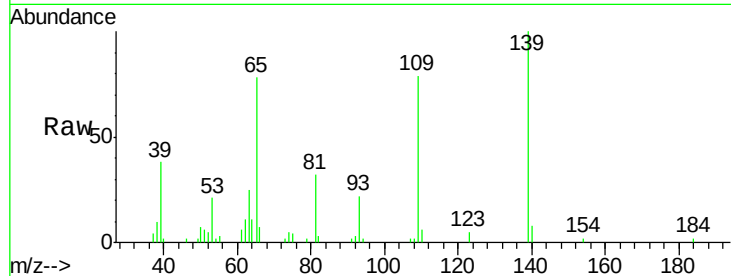




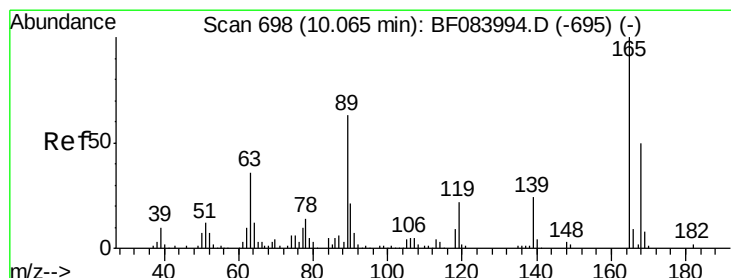
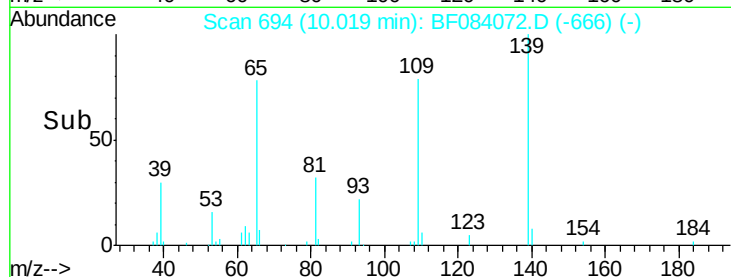
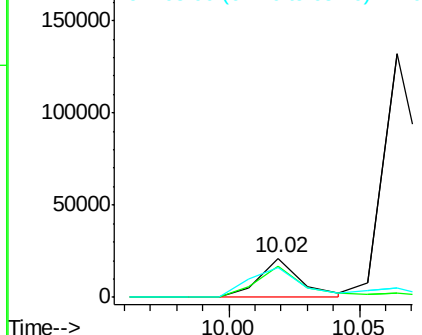
#55
4-Nitrophenol
Concen: 26.52 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.02 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 23473
Ion Ratio Lower Upper
139 100
109 78.8 58.5 98.5
65 77.9 57.6 97.6

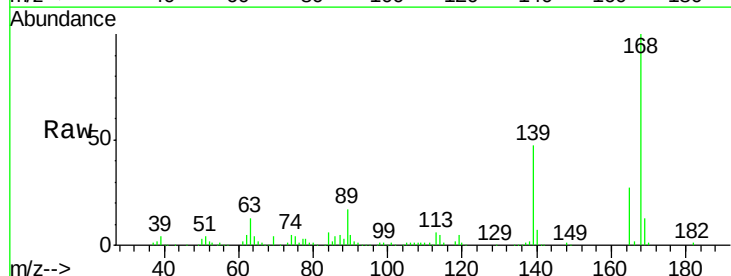


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

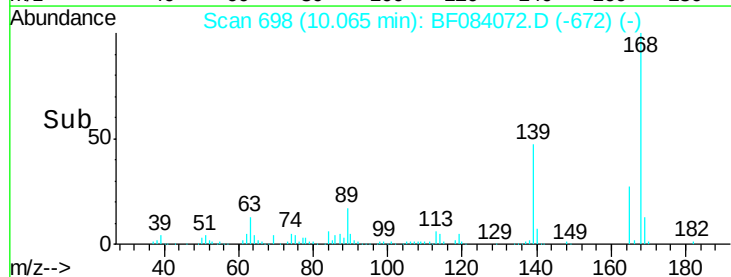
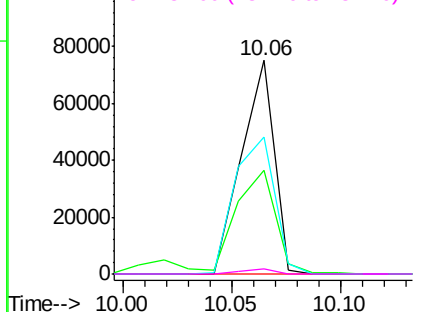


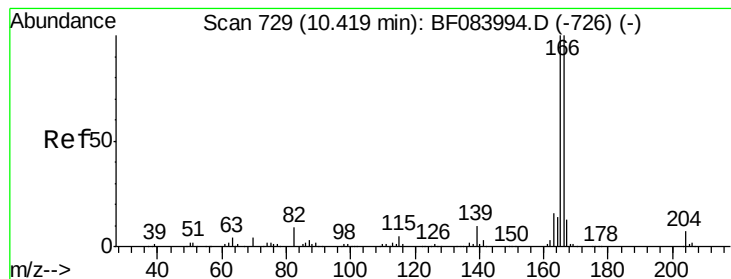
#56
2,4-Dinitrotoluene
Concen: 43.93 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion:165 Resp: 78305
Ion Ratio Lower Upper
165 100
63 48.4 36.7 55.1
89 64.2 61.9 92.9
182 2.5 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: 40.45 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

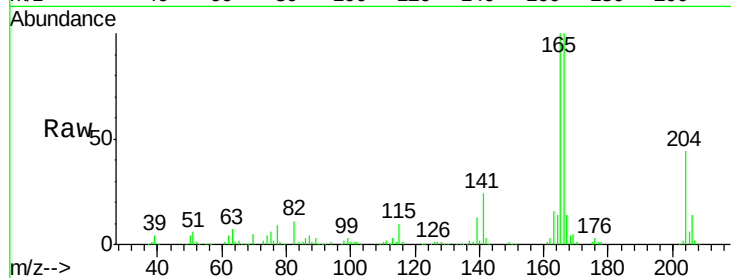
Tot Ion:166 Resp: 246810

Ion Ratio Lower Upper

166 100

165 100.2 79.1 118.7

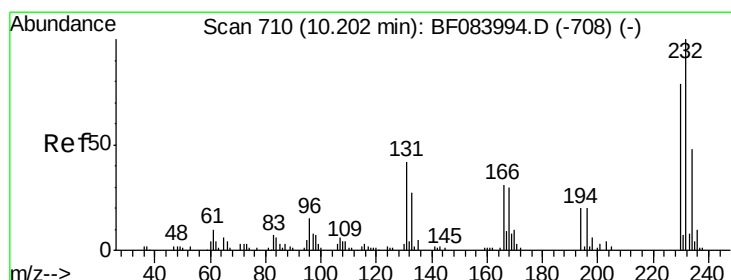
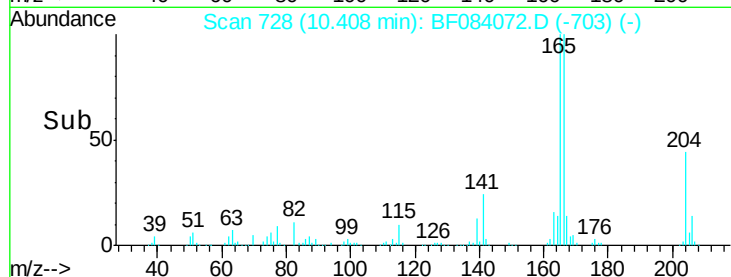
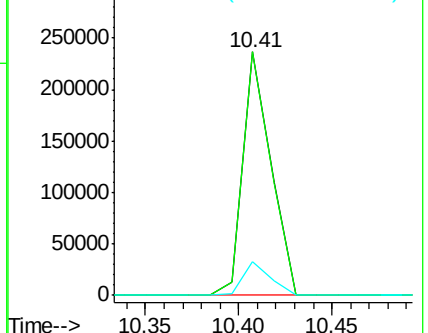
167 13.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.71 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Tgt Ion:232 Resp: 50645

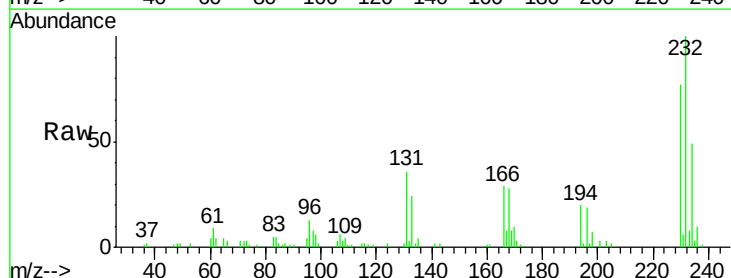
Ion Ratio Lower Upper

232 100

131 56.3 47.0 70.6

130 2.8 2.0 3.0

166 36.5 30.5 45.7

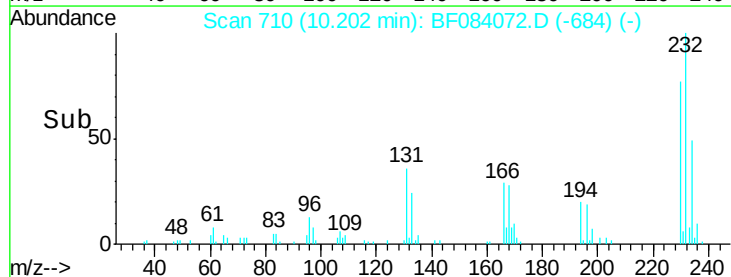
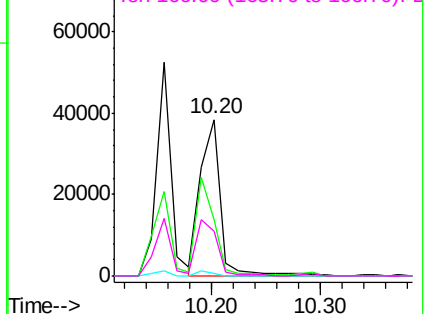


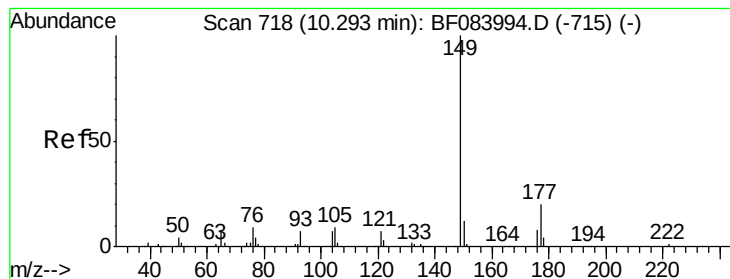
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.75 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

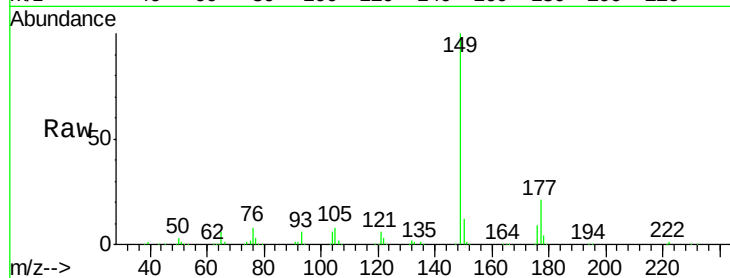
Tot Ion:149 Resp: 315274

Ion Ratio Lower Upper

149 100

177 21.4 17.3 25.9

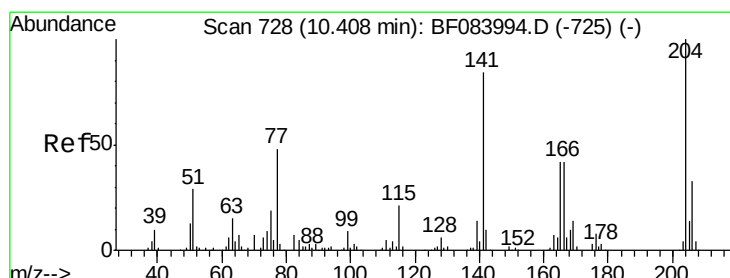
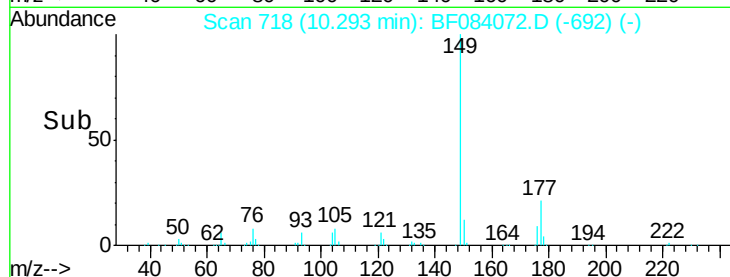
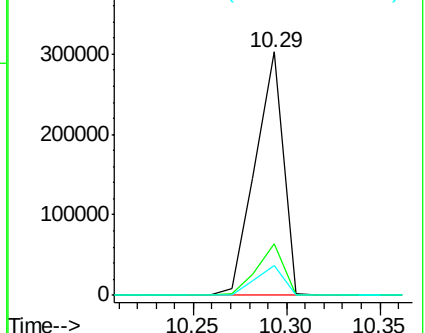
150 12.3 9.8 14.8



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: 42.56 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

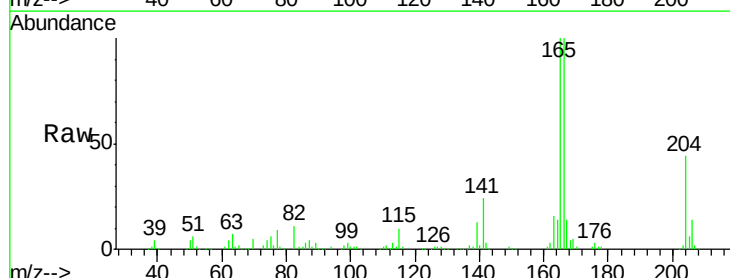
Tgt Ion:204 Resp: 119001

Ion Ratio Lower Upper

204 100

206 32.7 25.7 38.5

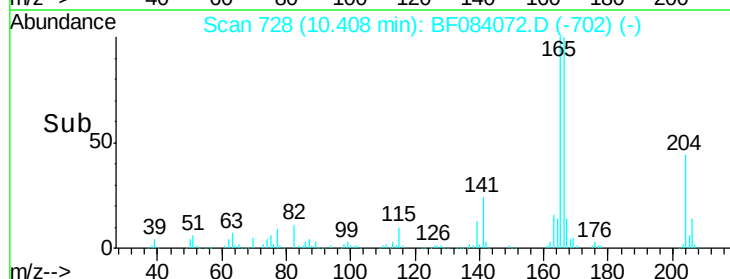
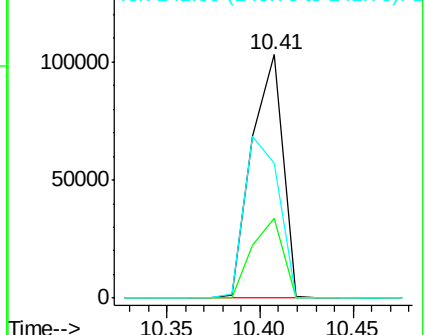
141 55.4 55.1 82.7

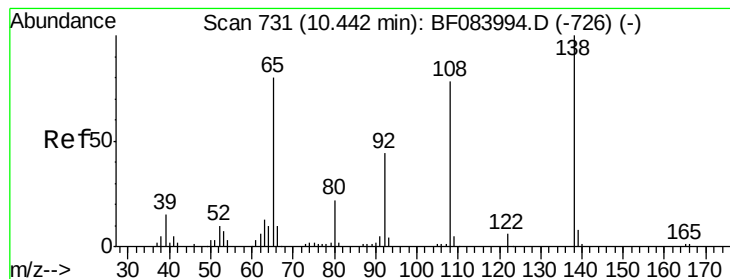


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.91 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :
BNA_F
ClientSampleId :

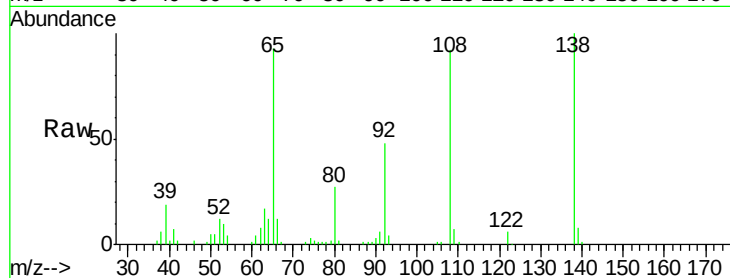
Tot Ion:138 Resp: 61487

Ion Ratio Lower Upper

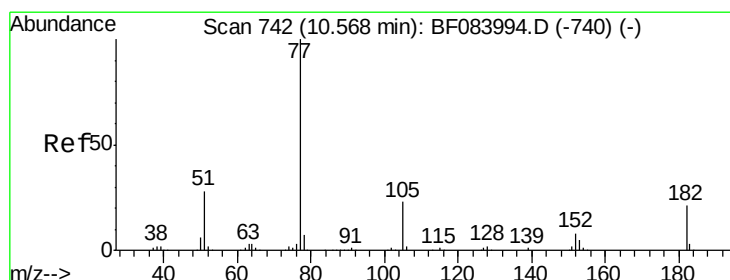
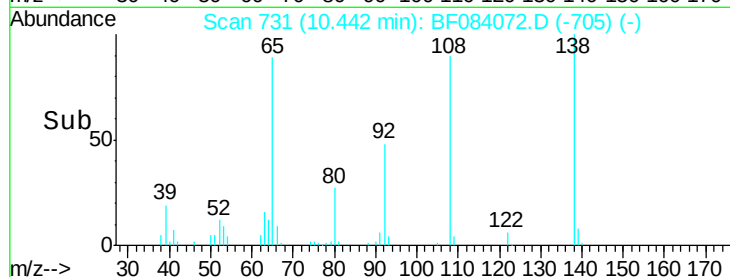
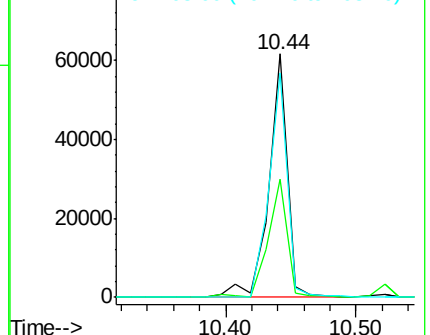
138 100

92 48.4 32.6 72.6

108 92.1 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: 42.97 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Tgt Ion: 77 Resp: 250502

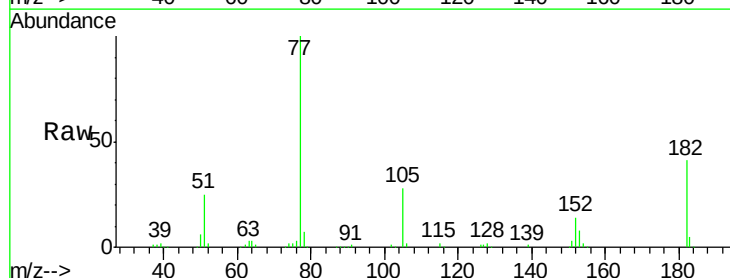
Ion Ratio Lower Upper

77 100

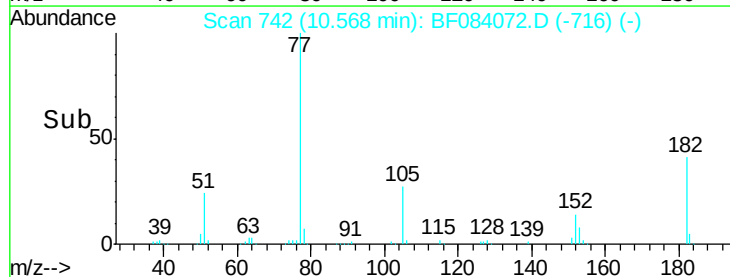
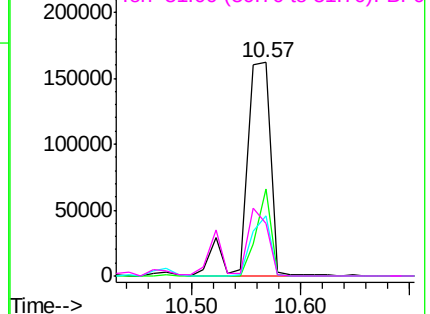
182 40.8 8.3 48.3

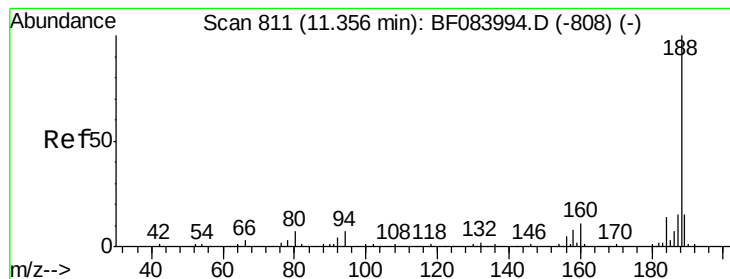
105 28.0 4.6 44.6

51 24.6 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: 11.34 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampled :

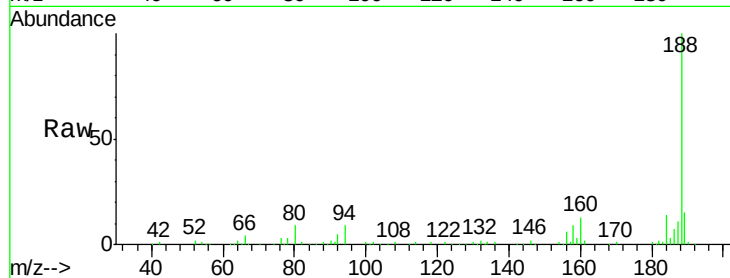
Tot Ion:188 Resp: 146690

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.4#

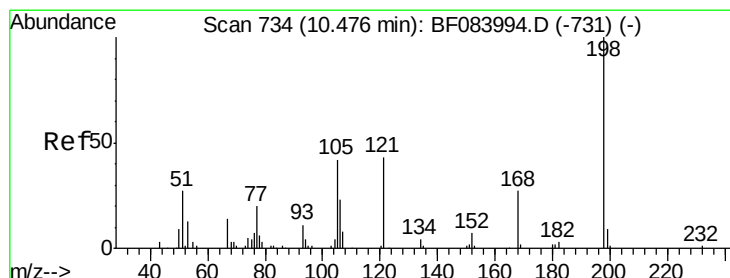
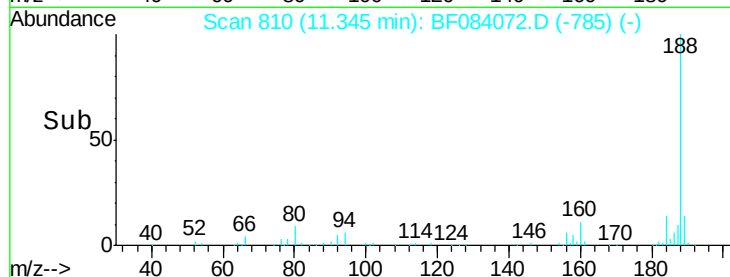
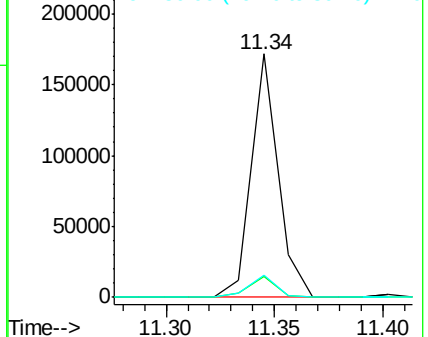
80 9.1 9.6 14.4#



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: 15.87 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

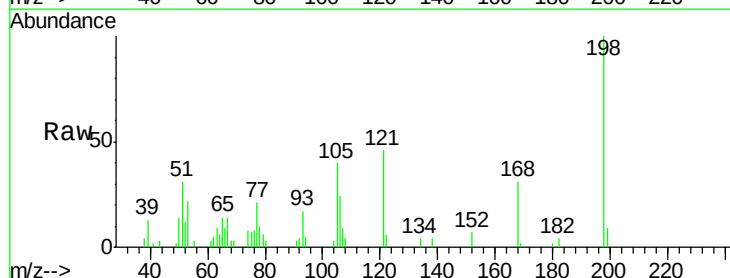
Tgt Ion:198 Resp: 13611

Ion Ratio Lower Upper

198 100

51 30.6 18.9 58.9

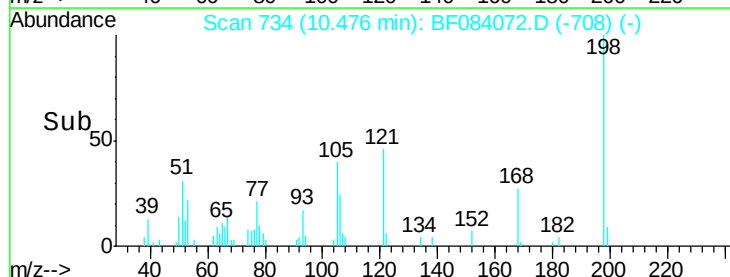
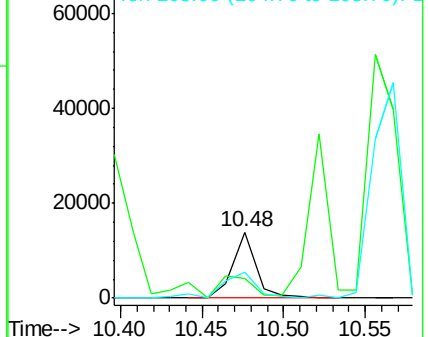
105 40.0 26.4 66.4

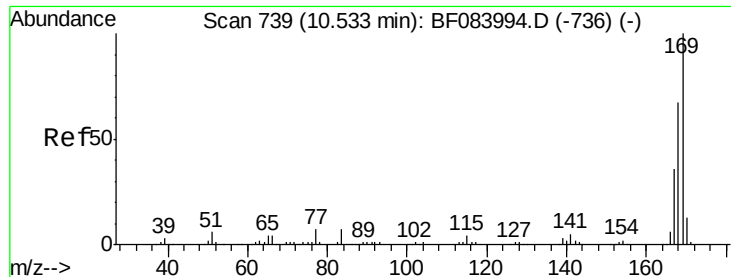


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

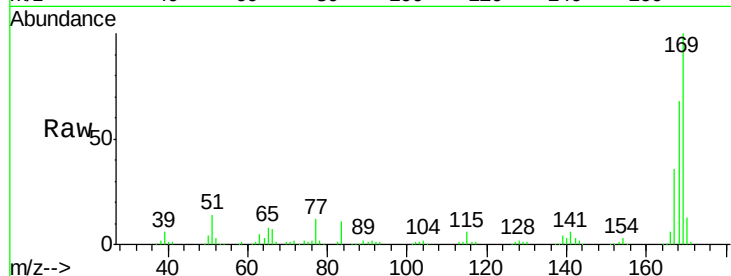




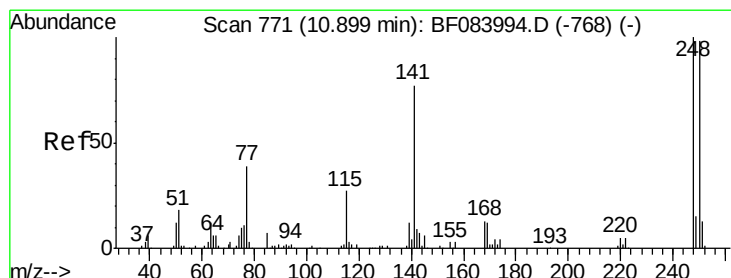
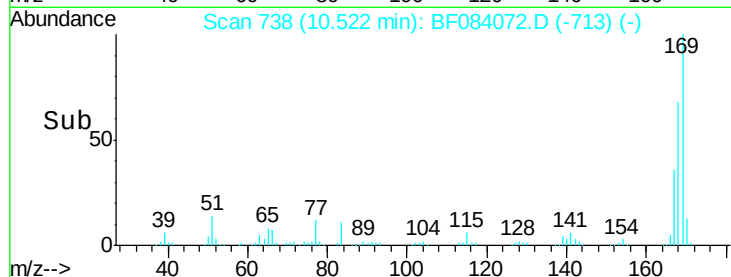
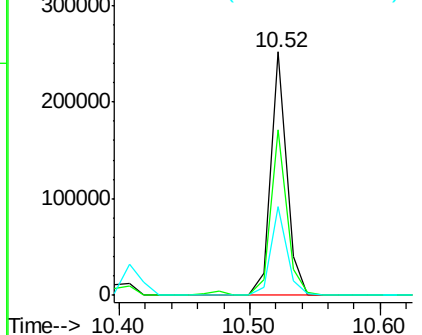
#65
n-Nitrosodiphenylamine
Concen: 39.91 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 216229
Ion Ratio Lower Upper
169 100
168 67.9 55.1 82.7
167 36.3 30.0 45.0

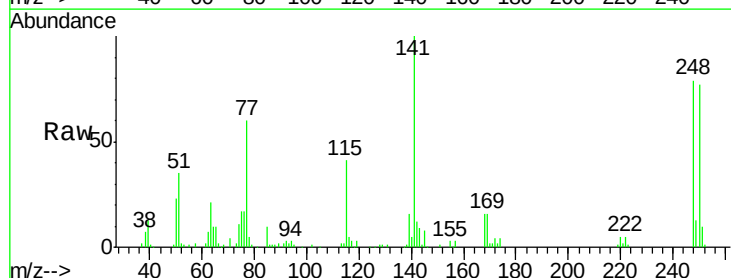


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

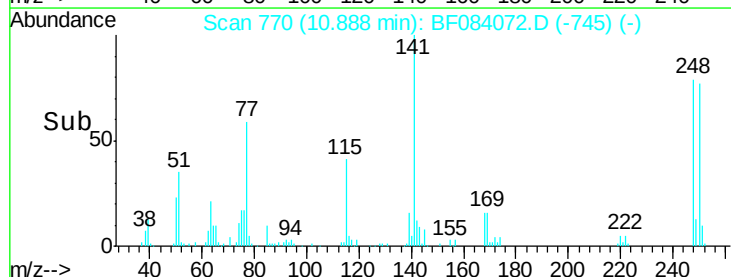
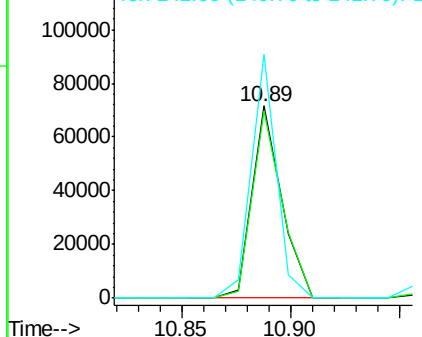


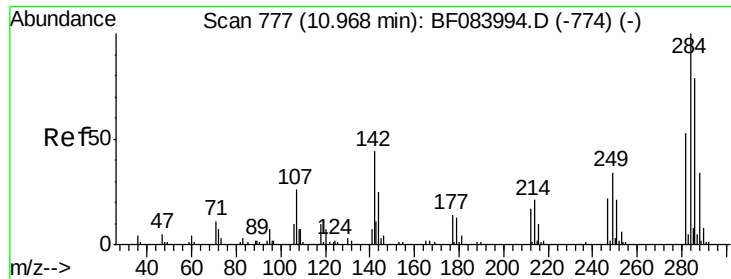
#66
4-Bromophenyl-phenylether
Concen: 40.31 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion:248 Resp: 67809
Ion Ratio Lower Upper
248 100
250 97.5 78.4 117.6
141 126.6 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

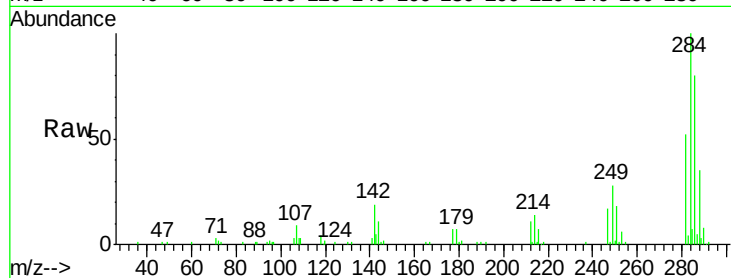




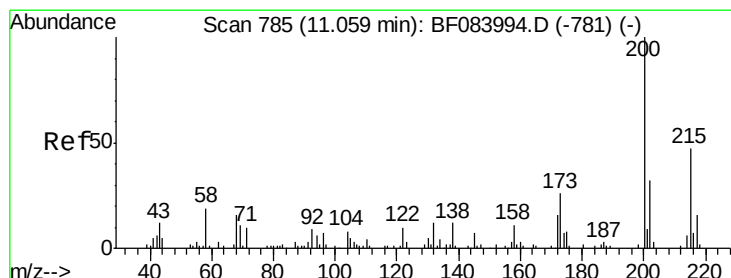
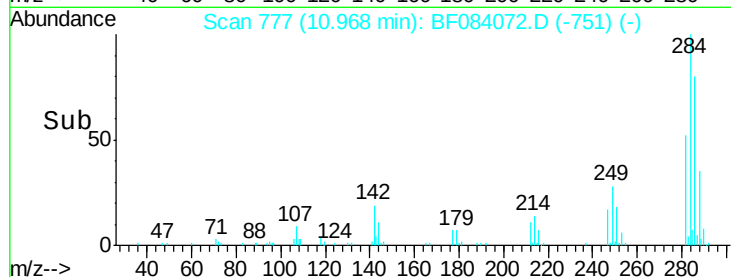
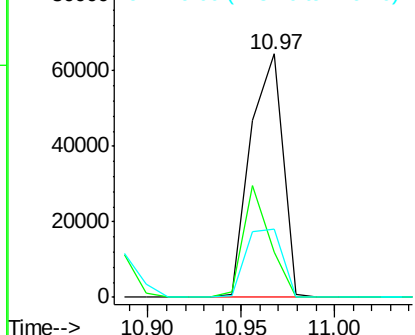
#67
Hexachlorobenzene
Concen: 42.18 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 77435
Ion Ratio Lower Upper
284 100
142 18.7 22.2 33.4#
249 28.0 24.6 37.0

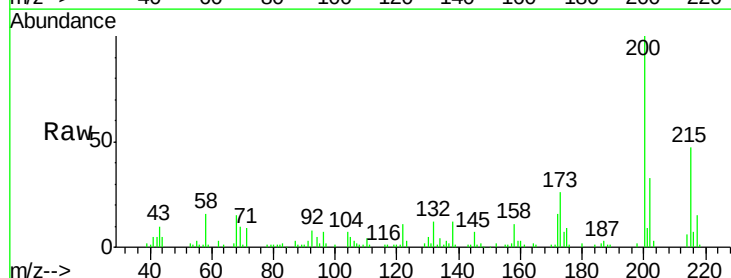


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

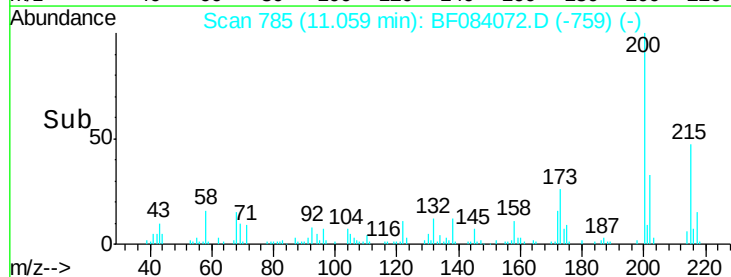
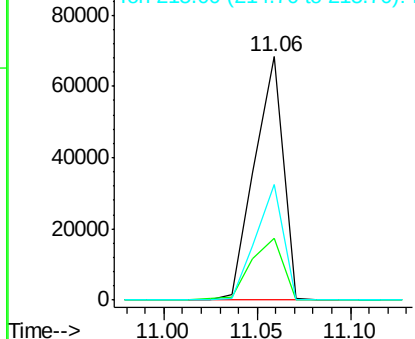


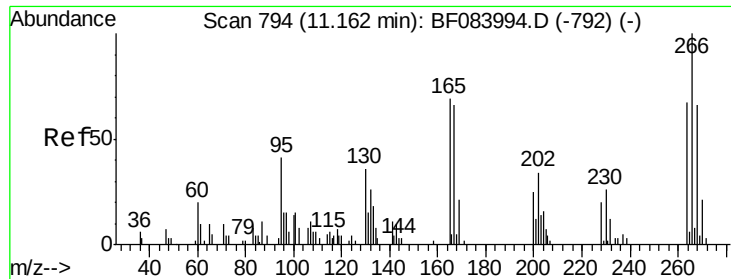
#68
Atrazine
Concen: 44.46 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion:200 Resp: 72817
Ion Ratio Lower Upper
200 100
173 25.6 9.5 49.5
215 47.3 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

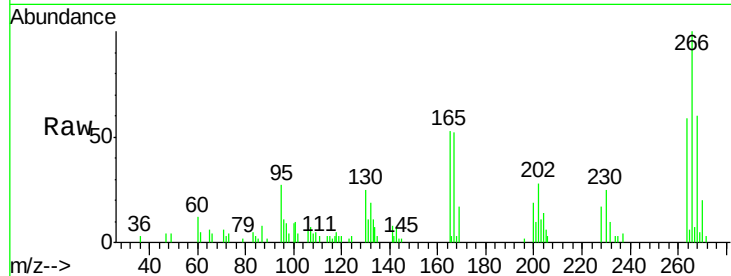




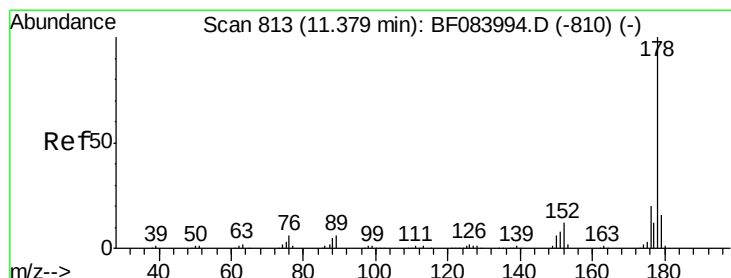
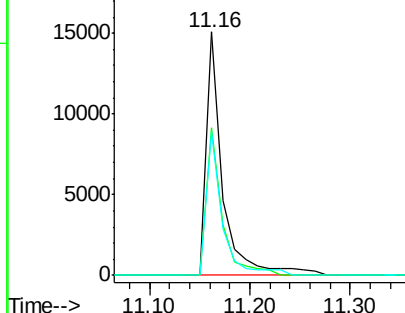
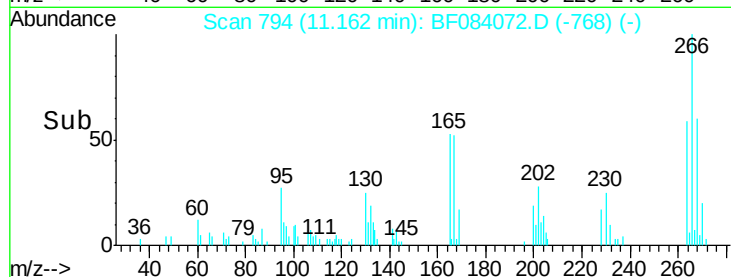
#69
 Pentachlorophenol
 Concen: 30.02 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 16991
 Ion Ratio Lower Upper
 266 100
 268 60.4 52.4 78.6
 264 58.9 50.2 75.2

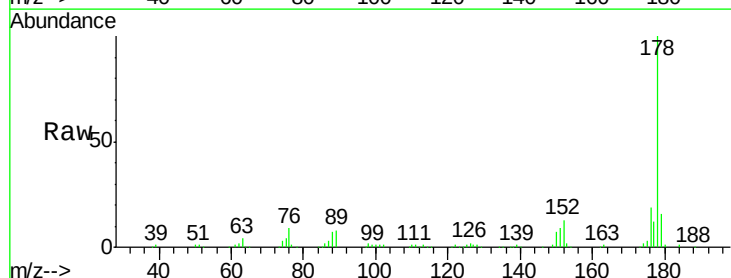


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

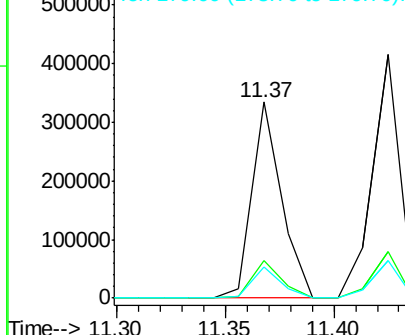
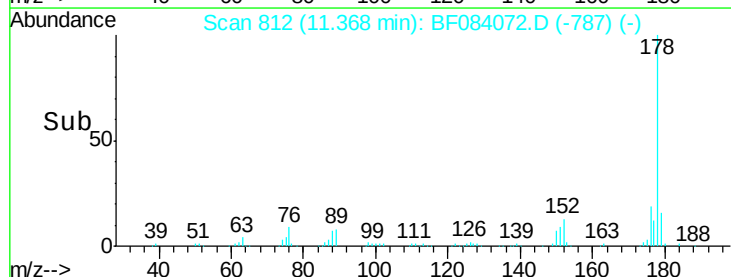


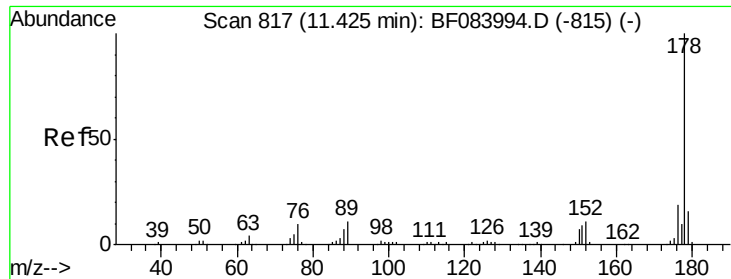
#70
 Phenanthrene
 Concen: 38.17 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Tgt Ion:178 Resp: 316467
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.7 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

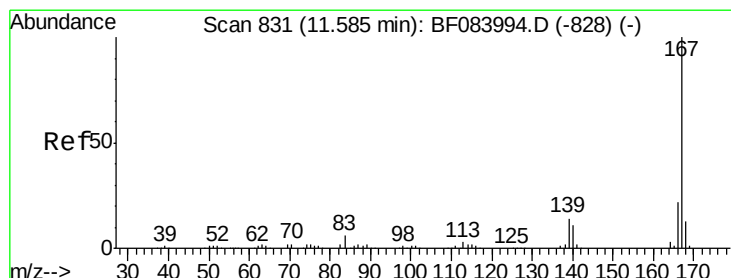
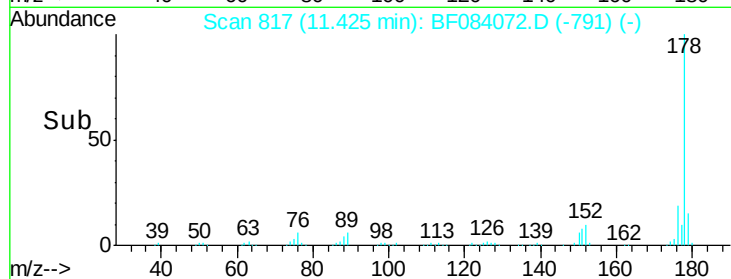
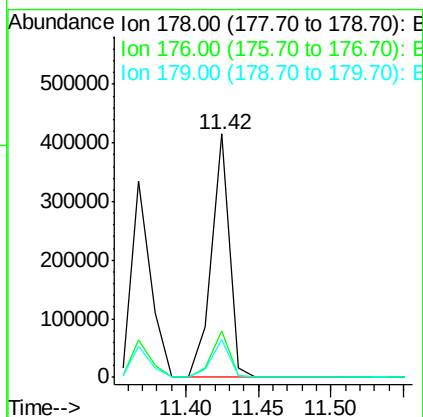
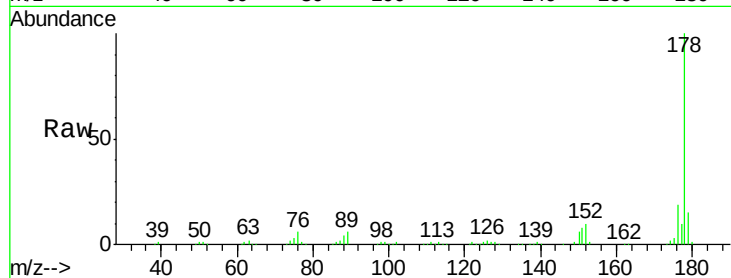




#71
 Anthracene
 Concen: 42.42 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

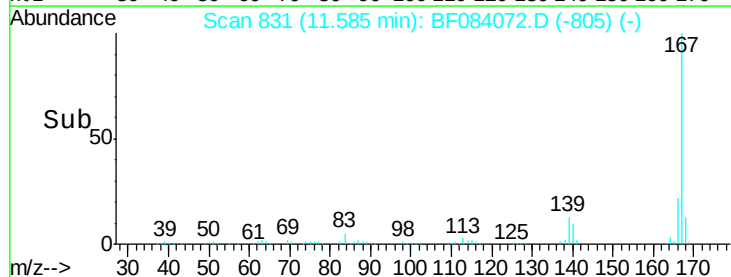
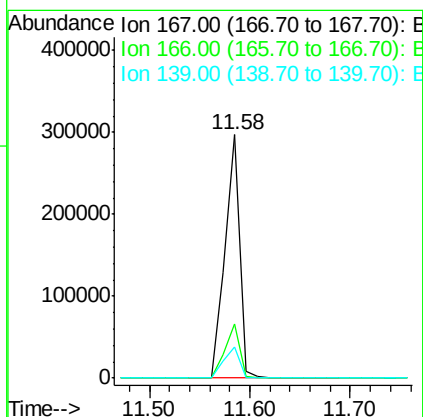
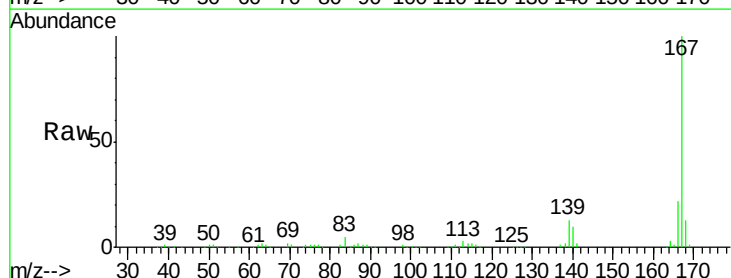
Instrument :
 BNA_F
 ClientSampleId :

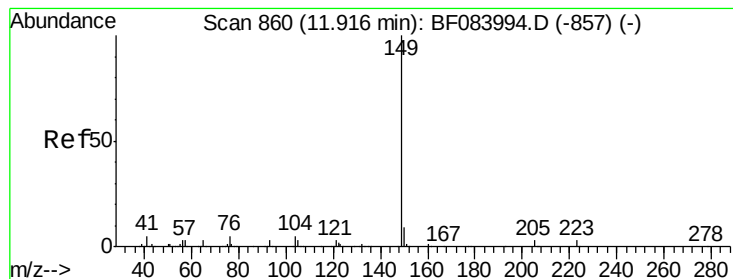
Tot Ion:178 Resp: 357150
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 38.36 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Tgt Ion:167 Resp: 301977
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 45.18 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

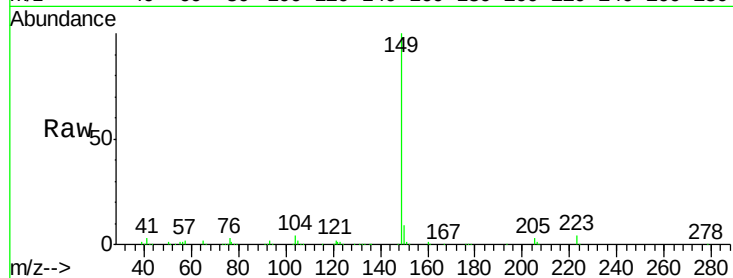
Tot Ion:149 Resp: 441650

Ion Ratio Lower Upper

149 100

150 8.8 7.1 10.7

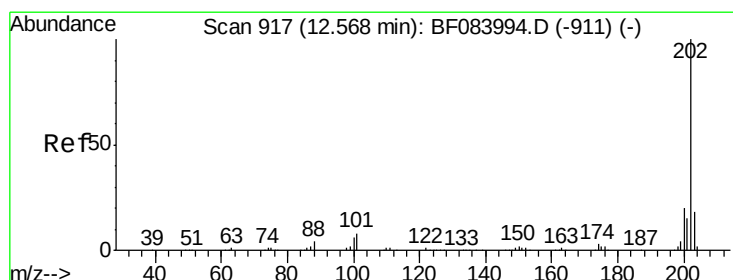
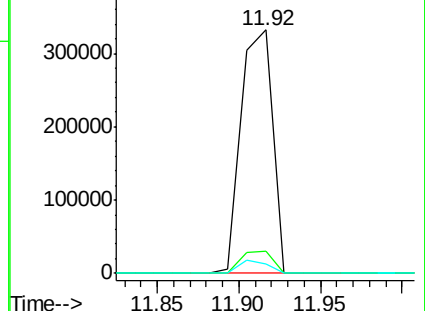
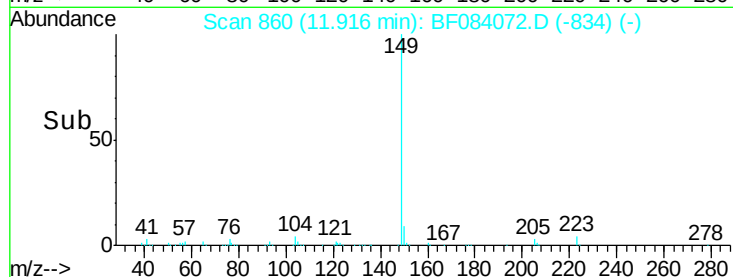
104 3.9 3.2 4.8



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: 35.16 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

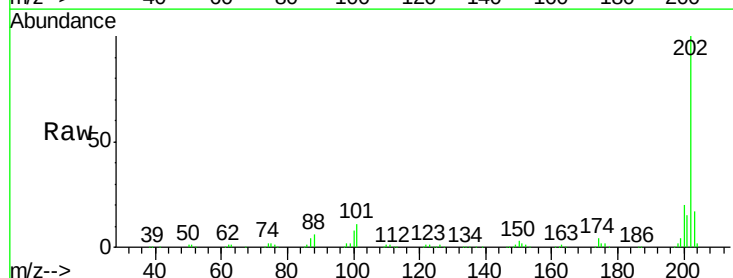
Tgt Ion:202 Resp: 289100

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.8

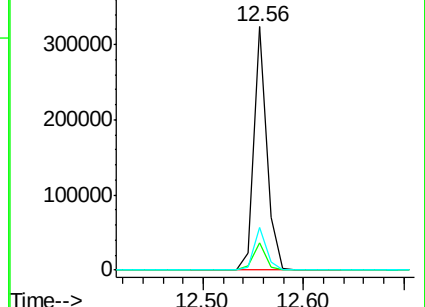
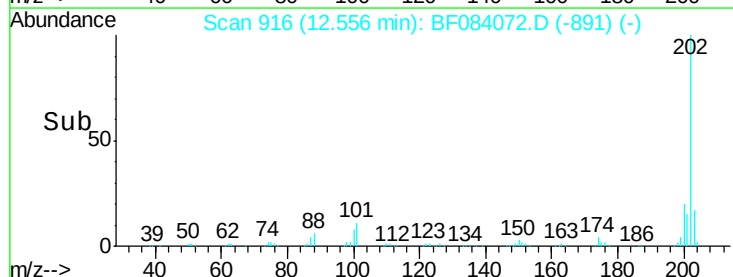
203 17.4 0.0 37.9

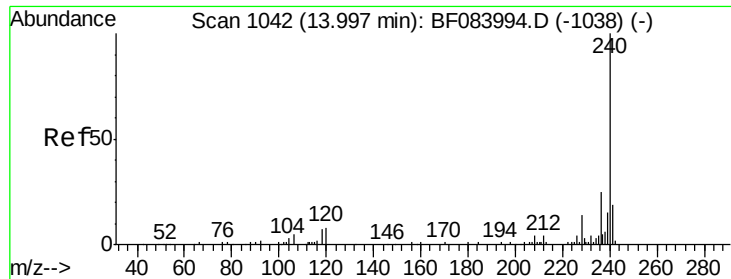


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampled :

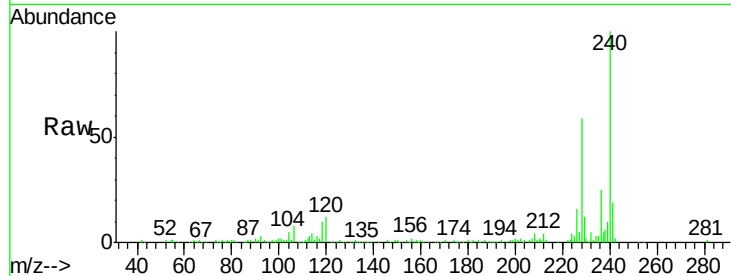
Tot Ion:240 Resp: 98356

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

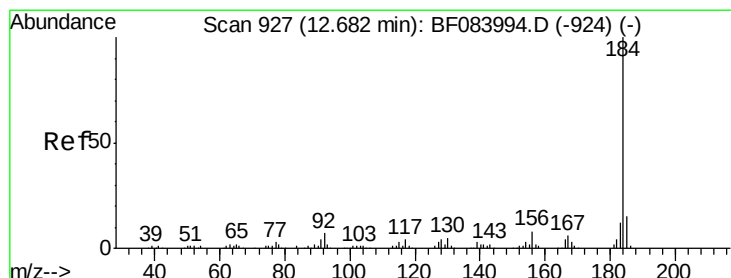
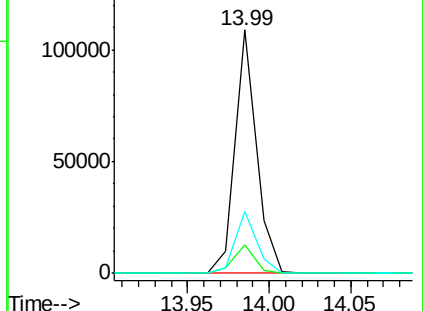
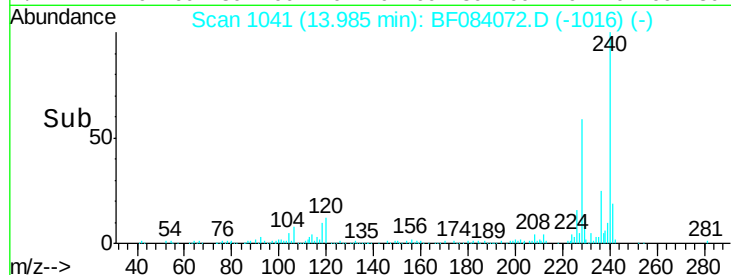
236 25.2 20.6 31.0



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: 31.40 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

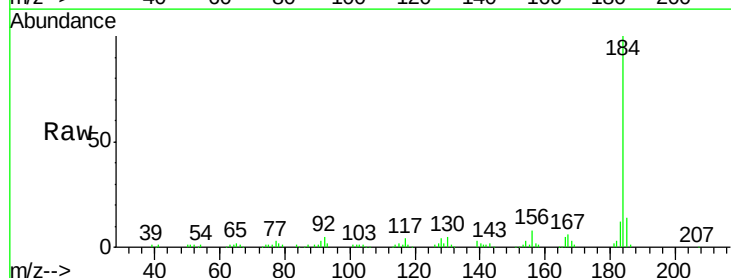
Tgt Ion:184 Resp: 110148

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

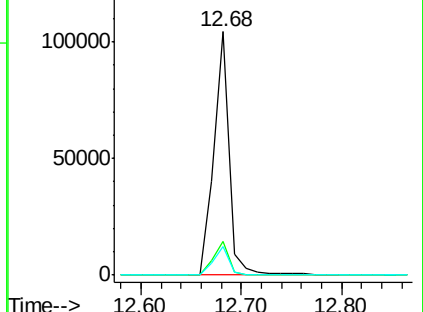
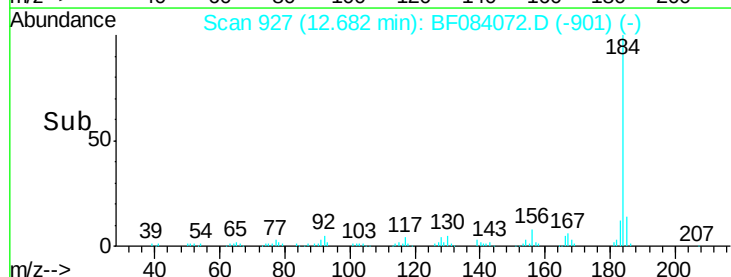
183 11.8 9.8 14.8

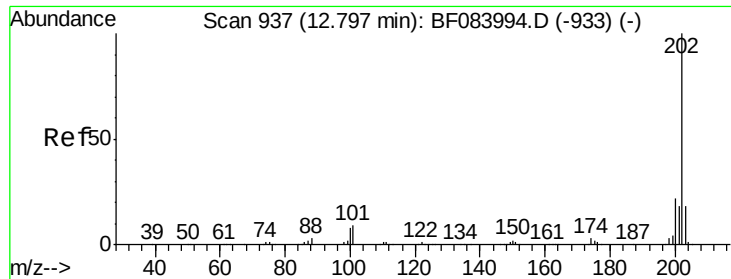


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

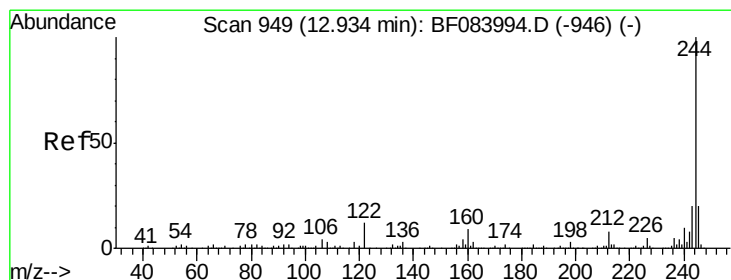
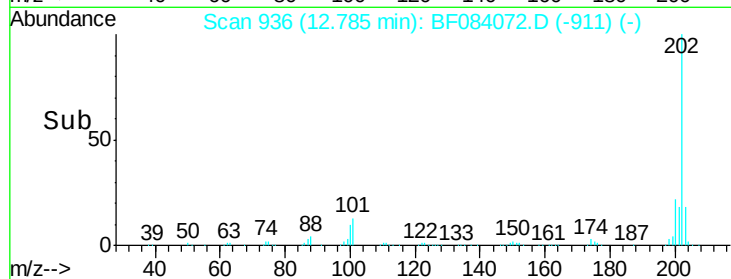
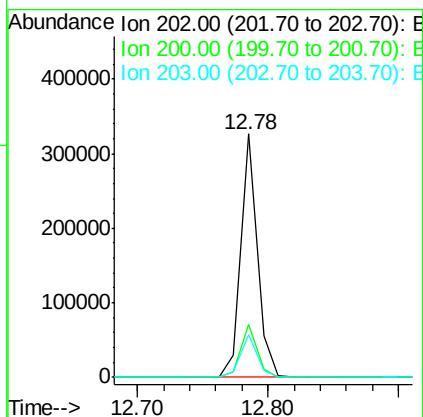
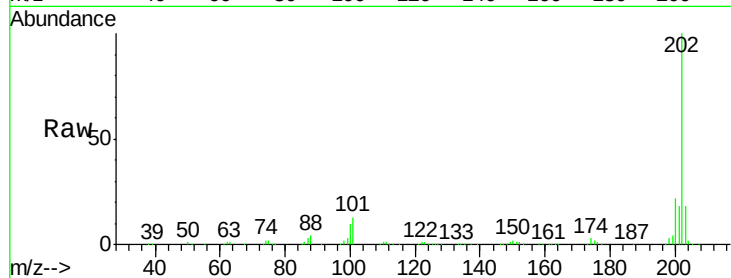




#77
 Pvrene
 Concen: 42.71 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

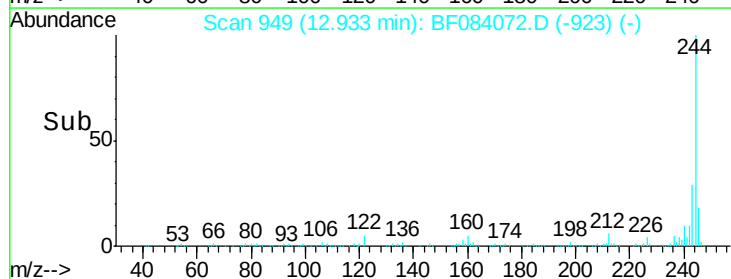
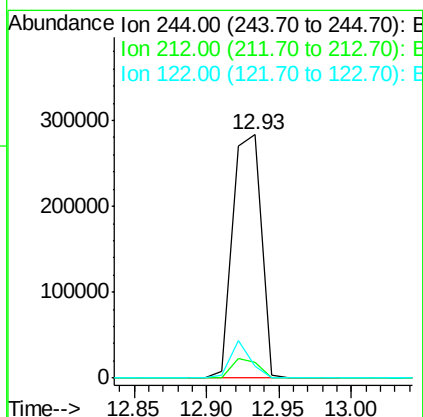
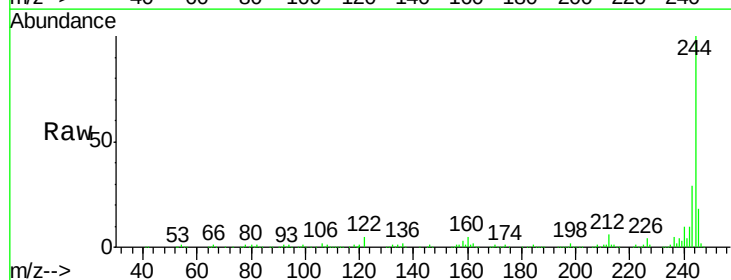
Instrument :
 BNA_F
 ClientSampleId :

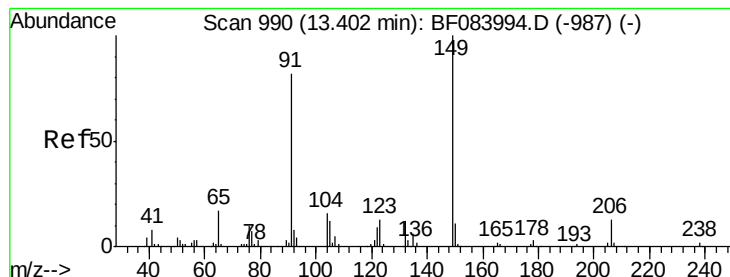
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.7	14.3	21.5



#78
 Terphenyl-d14
 Concen: 94.12 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	5.2	7.4	11.0





#79

Butylbenzylphthalate

Concen: 49.09 ng

RT: 13.40 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :

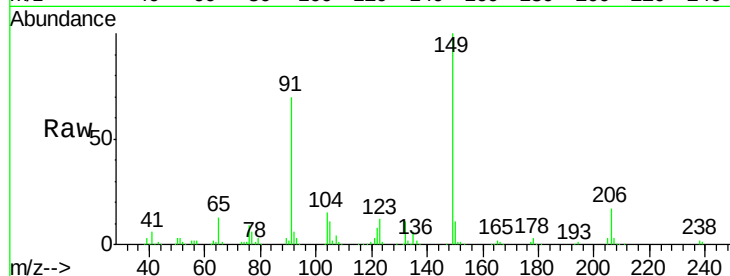
Tot Ion:149 Resp: 150680

Ion Ratio Lower Upper

149 100

91 69.7 57.6 86.4

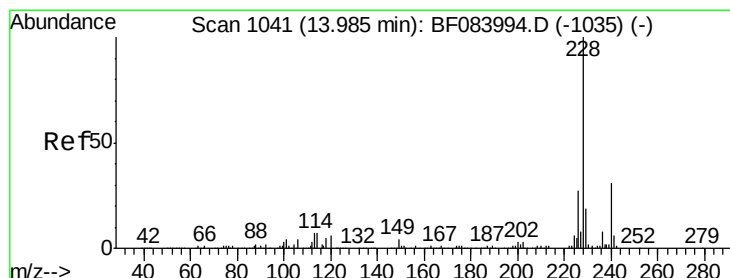
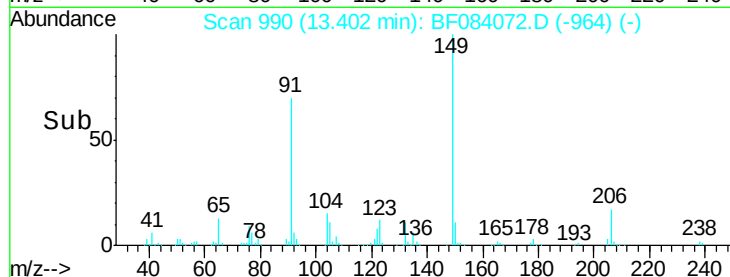
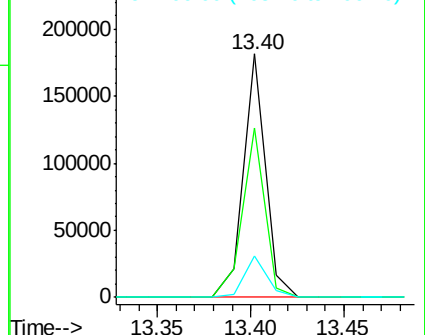
206 17.0 13.2 19.8



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: 39.71 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

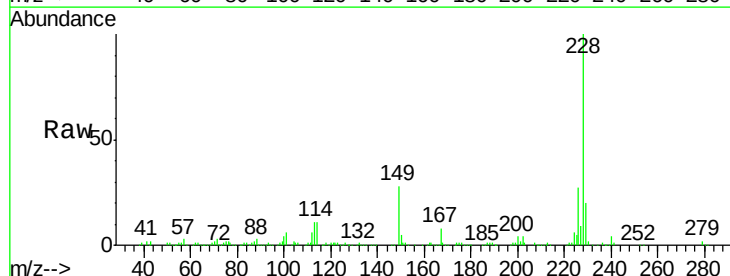
Tgt Ion:228 Resp: 225224

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

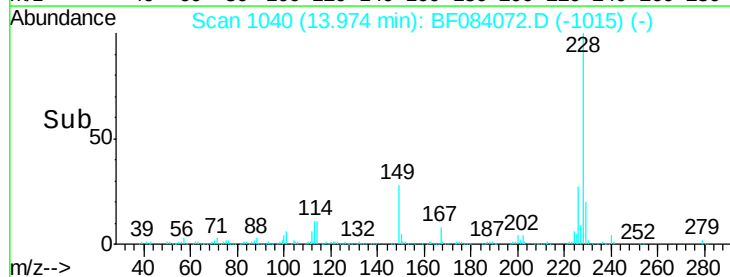
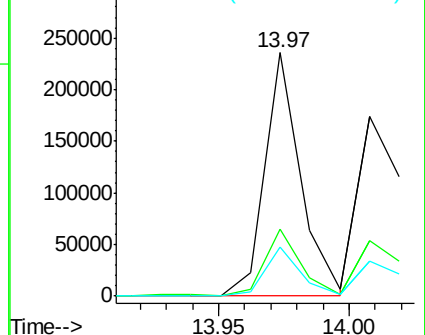
229 20.1 15.8 23.8

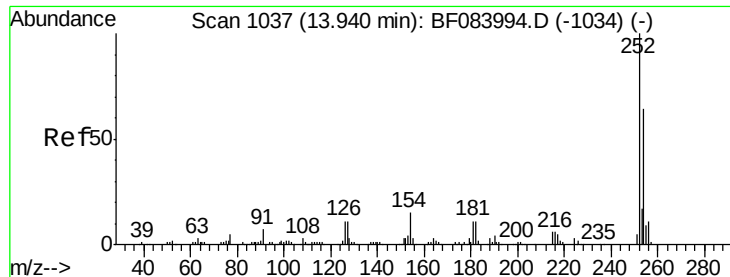


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

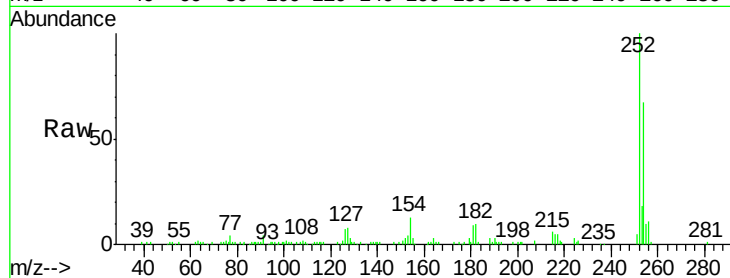




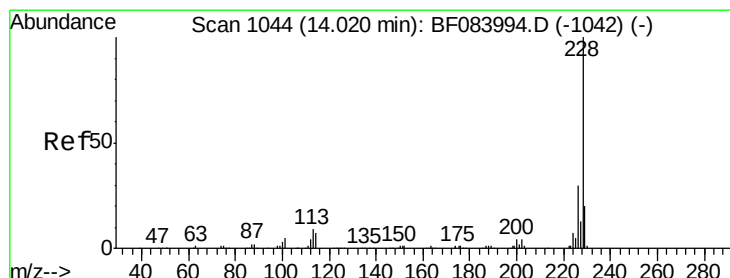
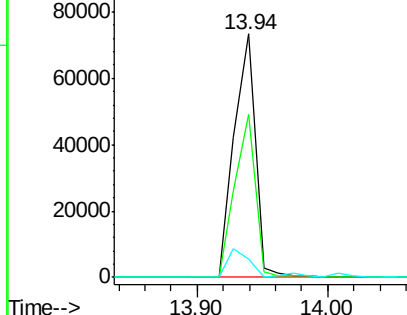
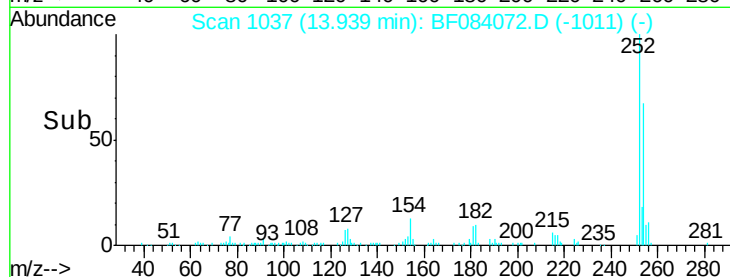
#81
 3,3'-Dichlorobenzidine
 Concen: 38.89 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.8	53.5	80.3
126	7.4	4.9	7.3#

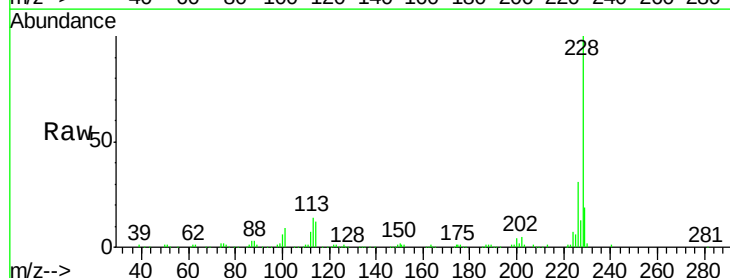


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

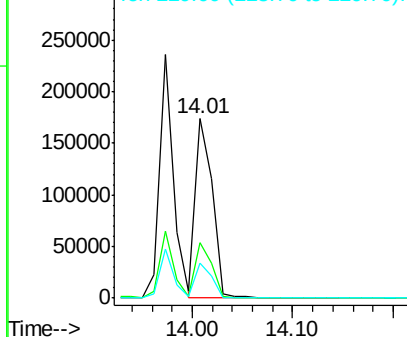
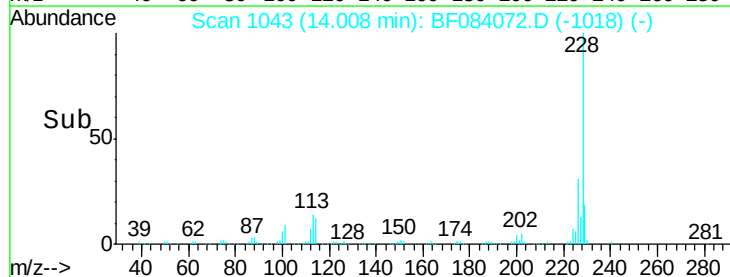


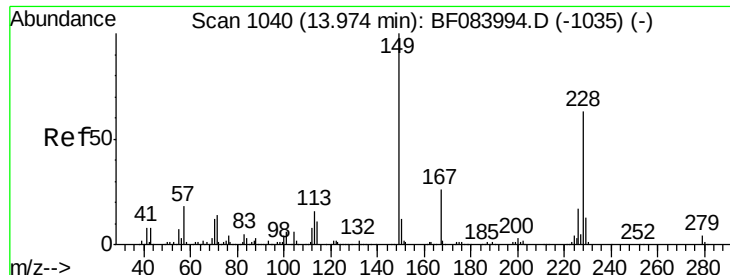
#82
 Chrysene
 Concen: 38.86 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	19.4	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: 48.19 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampled :

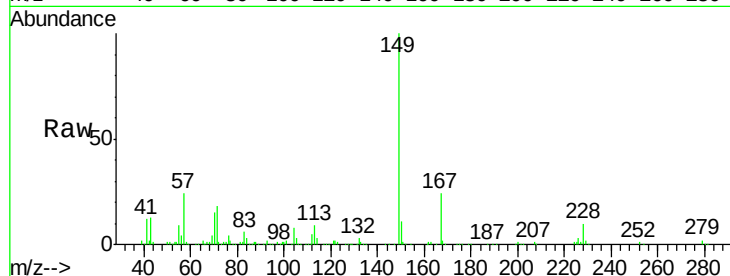
Tot Ion:149 Resp: 205098

Ion Ratio Lower Upper

149 100

167 24.1 19.7 29.5

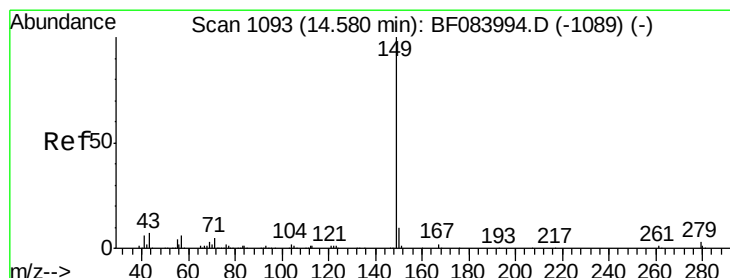
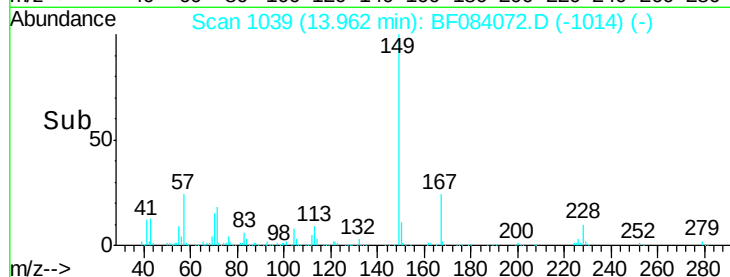
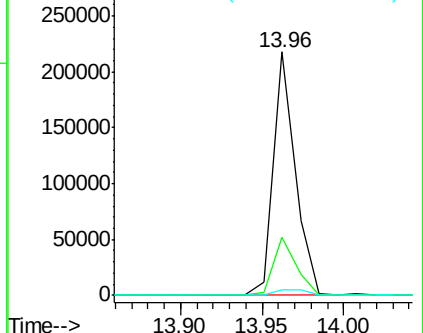
279 2.1 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.19 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

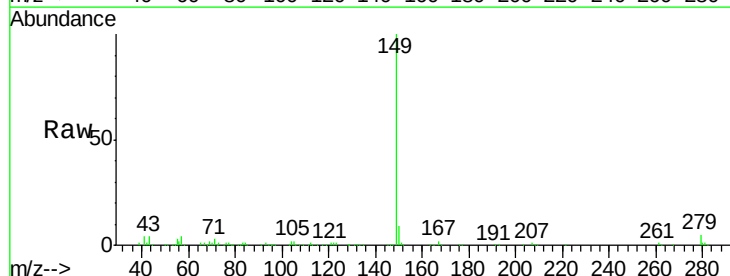
Tgt Ion:149 Resp: 308855

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

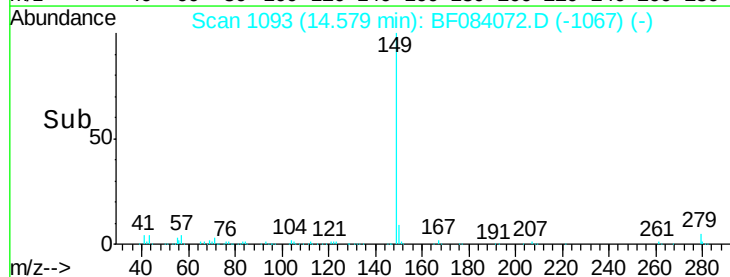
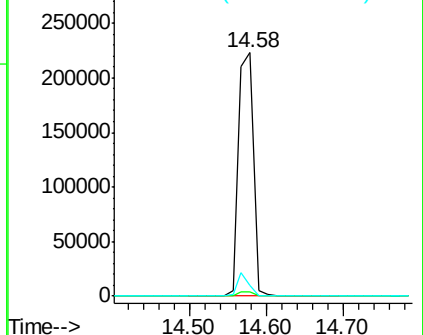
43 6.9 5.6 8.4

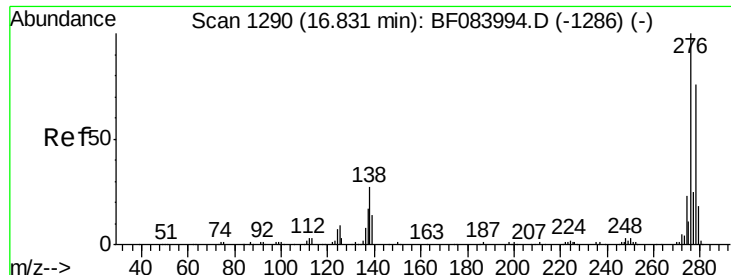


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

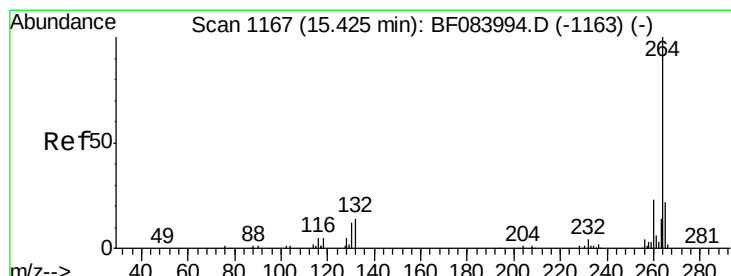
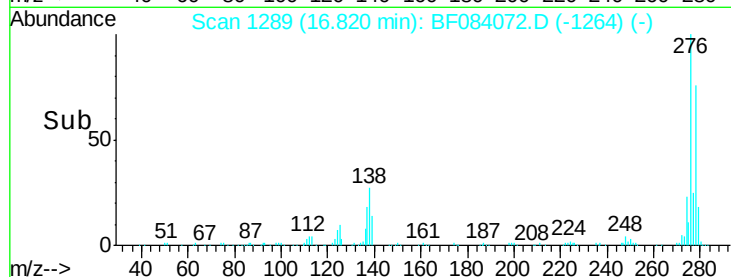
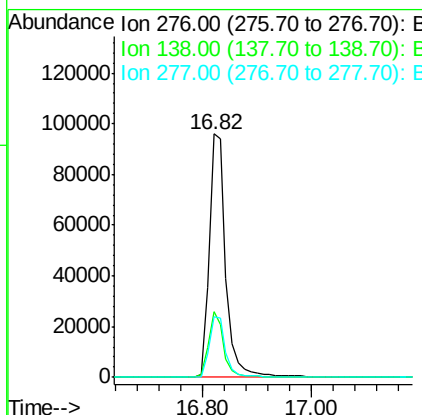
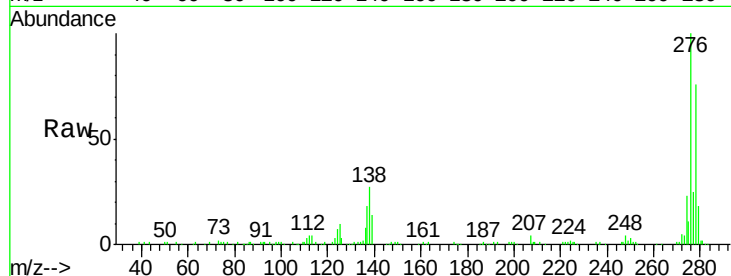




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.06 ng
 RT: 16.82 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

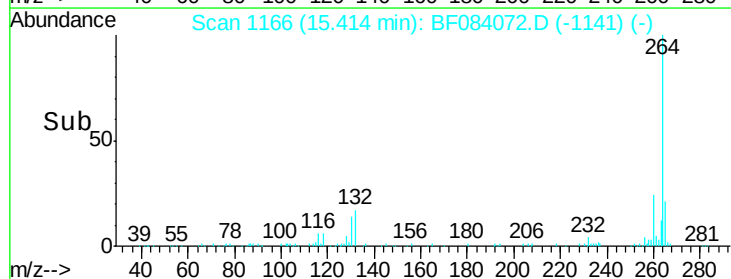
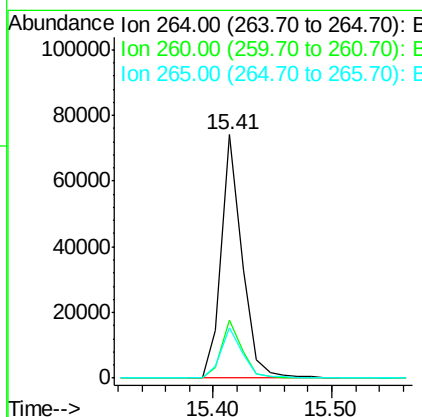
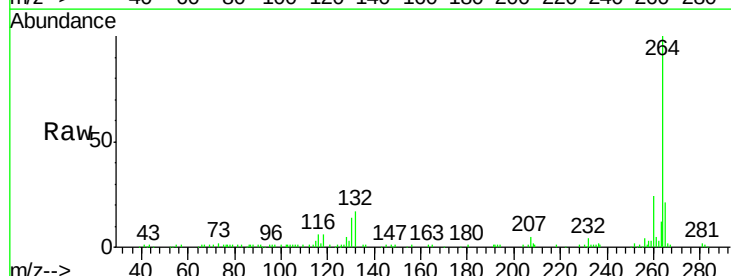
Instrument :
 BNA_F
 ClientSampleId :

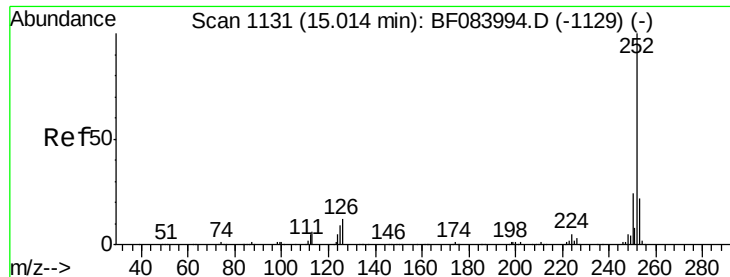
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.6	30.8
277	24.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084072.D
 Acq: 24 Dec 2015 9:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	20.5	17.8	26.6

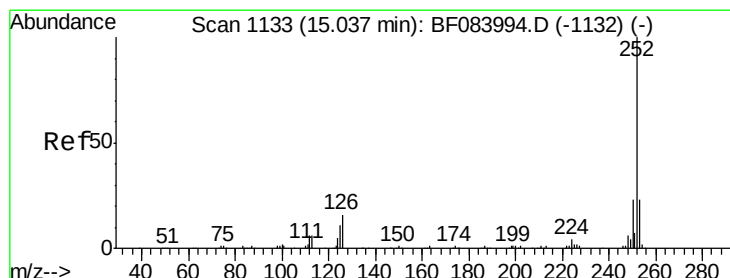
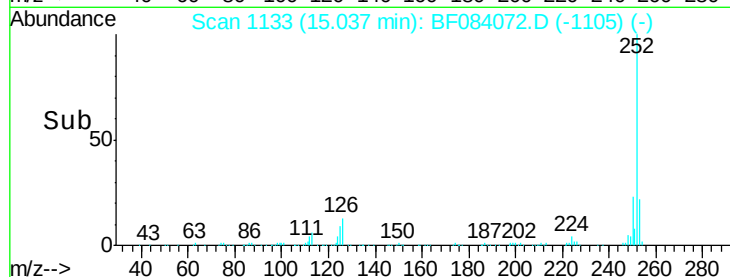
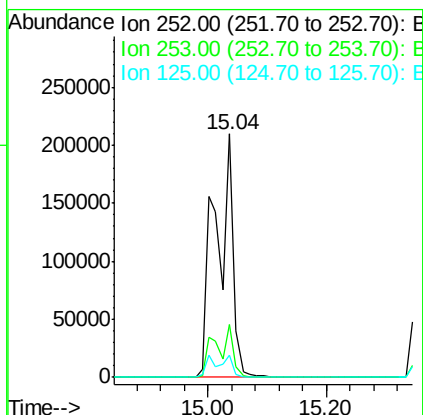
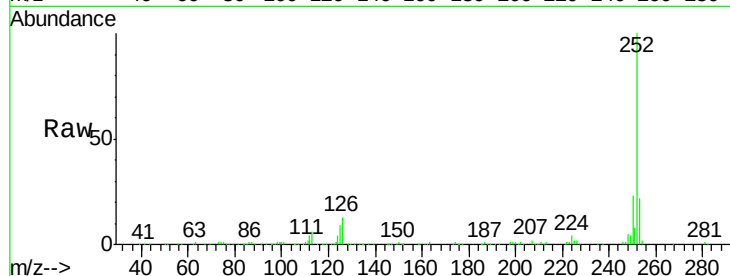




#87
Benzo(b)fluoranthene
Concen: 78.36 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

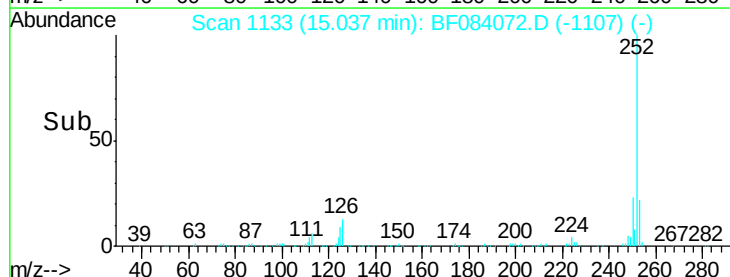
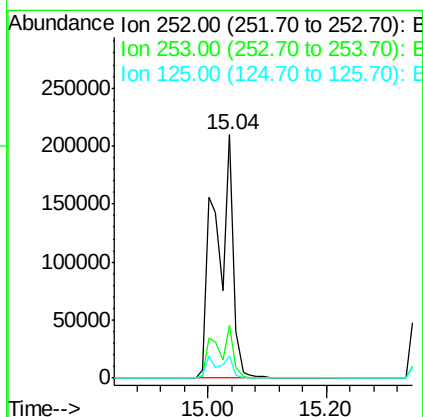
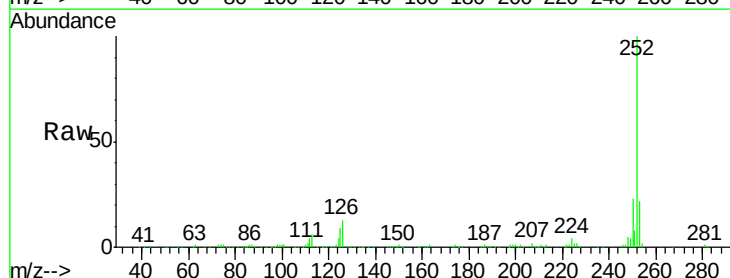
Instrument :
BNA_F
ClientSampled :

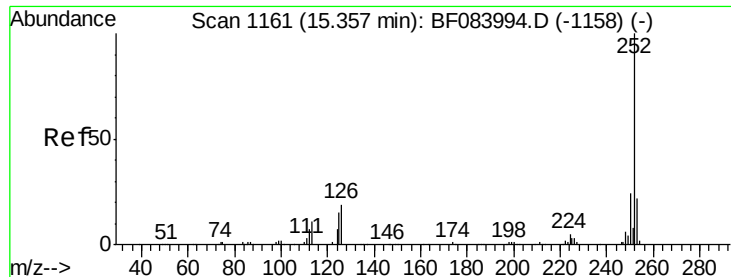
Tot Ion:252 Resp: 441992
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.3 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 82.39 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion:252 Resp: 441992
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 9.3 9.0 13.6

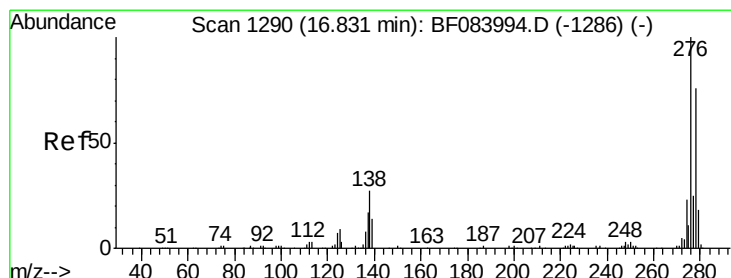
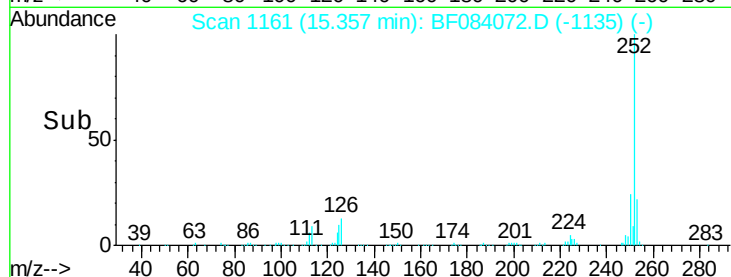
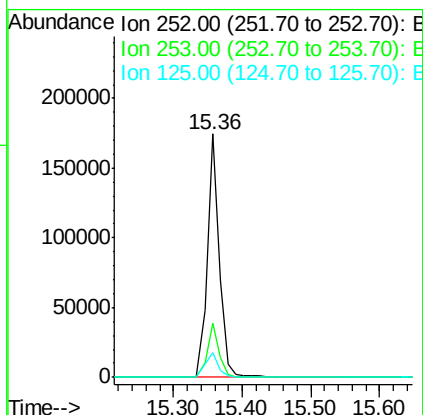
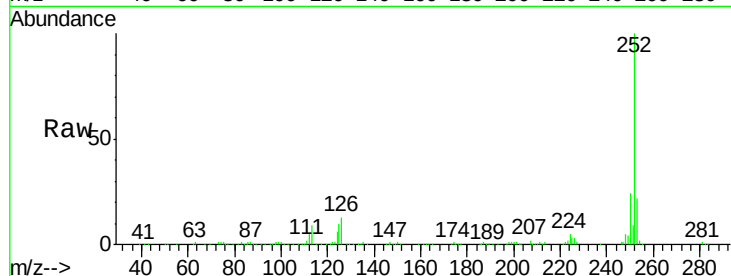




#89
Benzo(a)pyrene
Concen: 40.83 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

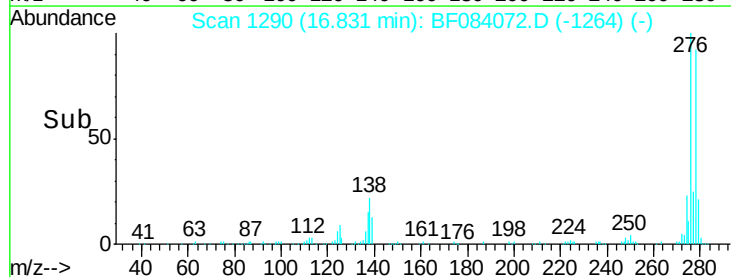
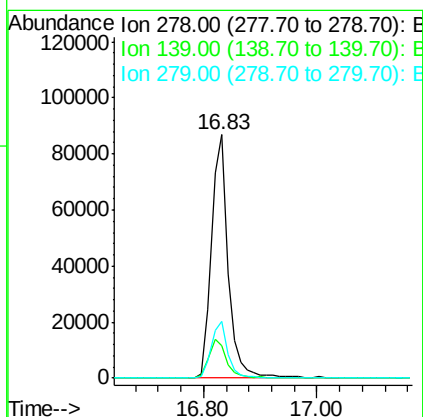
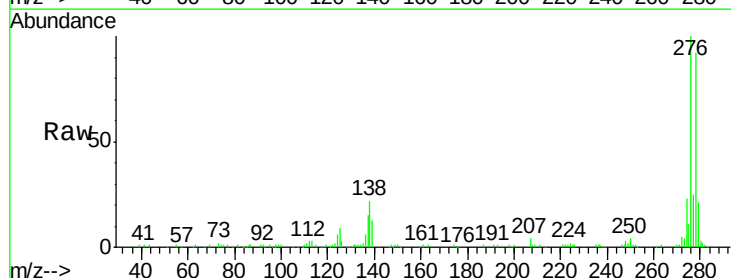
Instrument :
BNA_F
ClientSampleId :

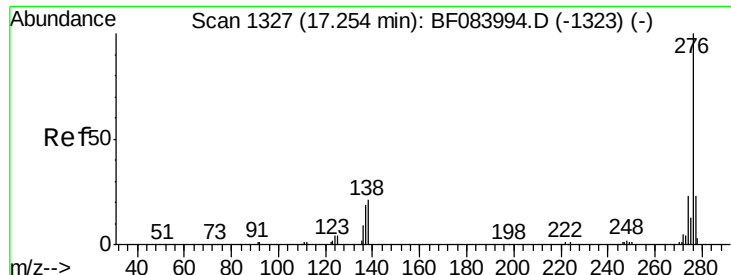
Tot Ion:252 Resp: 213322
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.3 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 40.22 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF084072.D
Acq: 24 Dec 2015 9:27

Tgt Ion:278 Resp: 174127
Ion Ratio Lower Upper
278 100
139 13.6 15.0 22.4#
279 23.2 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 36.62 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.01 min

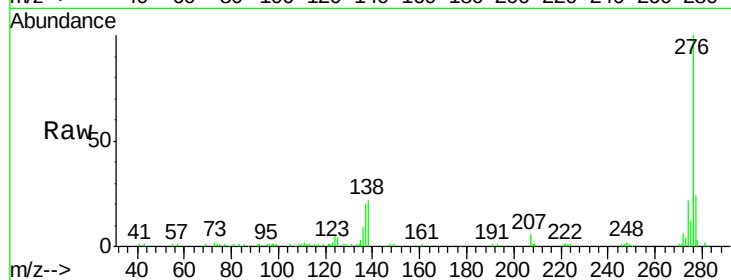
Lab File: BF084072.D

Acq: 24 Dec 2015 9:27

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 160354

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.8 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

