

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085033.D
 Acq On : 12 Feb 2016 1:25
 Operator : SJ/IZ
 Sample : PB88306BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88306BS

Quant Time: Feb 12 04:16:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	139936	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	590075	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	271603	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	520178	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	331301	20.00	ng	-0.01
86) Perylene-d12	15.11	264	288566	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1136079	126.45	ng	0.01
7) Phenol-d6	6.27	99	1340030	120.31	ng	-0.01
23) Nitrobenzene-d5	7.19	82	905356	86.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	387068	136.63	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1538063	102.37	ng	-0.01
78) Terphenyl-d14	12.72	244	1462593	100.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	138723	35.25	ng	# 76
3) Pyridine	2.76	79	411657	40.15	ng	# 59
4) n-Nitrosodimethylamine	2.73	42	199598	37.64	ng	84
6) Aniline	6.27	93	402615	29.54	ng	# 86
8) 2-Chlorophenol	6.40	128	440935	43.36	ng	98
9) Benzaldehyde	6.15	77	106191	16.15	ng	96
10) Phenol	6.28	94	586493	47.01	ng	93
11) bis(2-Chloroethyl)ether	6.35	93	371417	38.17	ng	# 83
12) 1,3-Dichlorobenzene	6.63	146	449536	41.84	ng	97
13) 1,4-Dichlorobenzene	6.63	146	449536	41.85	ng	93
14) 1,2-Dichlorobenzene	6.78	146	366718	36.66	ng	96
15) Benzyl Alcohol	6.76	79	333855	43.41	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	617839	37.75	ng	93
17) 2-Methylphenol	6.89	107	326394	40.58	ng	# 90
18) Hexachloroethane	7.12	117	168176	40.66	ng	95
19) n-Nitroso-di-n-propylamine	7.04	70	279690	40.06	ng	# 73
20) 3+4-Methylphenols	7.05	107	435302	43.61	ng	90
22) Acetophenone	7.03	105	604381	38.86	ng	# 98
24) Nitrobenzene	7.20	77	398343	35.51	ng	95
25) Isophorone	7.45	82	810361	39.79	ng	97
26) 2-Nitrophenol	7.52	139	214262	38.73	ng	# 83
27) 2,4-Dimethylphenol	7.58	122	412136	42.83	ng	92
28) bis(2-Chloroethoxy)methane	7.67	93	537207	44.46	ng	99
29) 2,4-Dichlorophenol	7.77	162	372573	45.25	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	358210	38.52	ng	97
31) Naphthalene	7.92	128	1125378	38.02	ng	99
32) Benzoic acid	7.72	122	231108	37.55	ng	97
33) 4-Chloroaniline	7.98	127	283049	23.12	ng	98
34) Hexachlorobutadiene	8.04	225	211709	39.48	ng	98
35) Caprolactam	8.36	113	77697	30.62	ng	# 73
36) 4-Chloro-3-methylphenol	8.48	107	373467	39.76	ng	95
37) 2-Methylnaphthalene	8.62	142	827844	44.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	311501	36.11	ng	99
40) Hexachlorocyclopentadiene	8.76	237	264772	72.37	ng	98

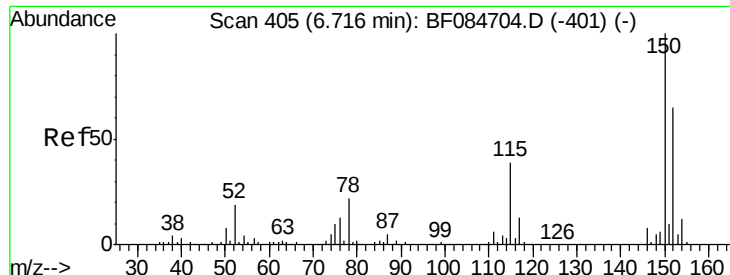
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	243399	43.80	ng	95
43) 2,4,5-Trichlorophenol	8.95	196	241573	42.78	ng #	92
45) 1,1'-Biphenyl	9.08	154	970808	40.02	ng	94
46) 2-Chloronaphthalene	9.10	162	694250	38.86	ng	96
47) 2-Nitroaniline	9.21	65	245424	43.39	ng #	63
48) Acenaphthylene	9.51	152	1054930	38.91	ng	98
49) Dimethylphthalate	9.39	163	873088	42.21	ng #	91
50) 2,6-Dinitrotoluene	9.45	165	180968	40.05	ng #	60
51) Acenaphthene	9.68	154	674967	38.27	ng	97
52) 3-Nitroaniline	9.62	138	159635	31.44	ng #	72
53) 2,4-Dinitrophenol	9.74	184	149347	72.21	ng #	82
54) Dibenzofuran	9.86	168	998626	46.33	ng	97
55) 4-Nitrophenol	9.80	139	244277	65.45	ng #	78
56) 2,4-Dinitrotoluene	9.86	165	243605	42.26	ng #	76
57) Fluorene	10.19	166	730913	40.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	194860	45.33	ng #	86
59) Diethylphthalate	10.09	149	861288	42.64	ng	100
60) 4-Chlorophenyl-phenylether	10.19	204	345110	45.75	ng	95
61) 4-Nitroaniline	10.24	138	219380	44.33	ng #	80
62) Azobenzene	10.35	77	930113	47.89	ng	92
64) 4,6-Dinitro-2-methylphenol	10.26	198	111514	34.73	ng #	57
65) n-Nitrosodiphenylamine	10.32	169	734204	44.45	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	239717	41.72	ng	96
67) Hexachlorobenzene	10.74	284	250447	40.01	ng #	91
68) Atrazine	10.86	200	258477	49.55	ng	95
69) Pentachlorophenol	10.95	266	214965	73.06	ng	99
70) Phenanthrene	11.15	178	1201550	41.65	ng	97
71) Anthracene	11.20	178	1135816	39.07	ng	99
72) Carbazole	11.37	167	1060334	41.83	ng #	96
73) Di-n-butylphthalate	11.70	149	1185350	36.73	ng #	97
74) Fluoranthene	12.33	202	1079232	36.96	ng	99
76) Benzidine	12.47	184	509952	44.42	ng	98
77) Pyrene	12.56	202	1098718	43.32	ng	99
79) Butylbenzylphthalate	13.20	149	521051	45.28	ng #	82
80) Benzo(a)anthracene	13.75	228	883890	42.99	ng	100
81) 3,3'-Dichlorobenzidine	13.71	252	158400	21.76	ng #	95
82) Chrysene	13.78	228	696293	34.92	ng	100
83) Bis(2-ethylhexyl)phthalate	13.76	149	663852	46.36	ng #	96
84) Di-n-octyl phthalate	14.37	149	998632	42.27	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	790055	50.34	ng	98
87) Benzo(b)fluoranthene	14.78	252	1439730	74.26	ng	98
88) Benzo(k)fluoranthene	14.78	252	1439730	89.81	ng #	95
89) Benzo(a)pyrene	15.06	252	679185	41.11	ng	98
90) Dibenzo(a,h)anthracene	16.38	278	647535	46.56	ng #	94
91) Benzo(g,h,i)perylene	16.74	276	669046	47.76	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

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ClientSampleId :

PB88306BS

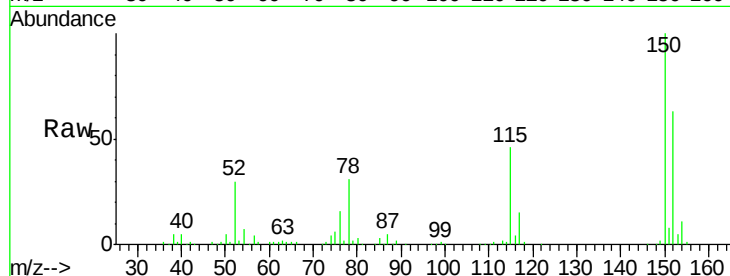
Tgt Ion:152 Resp: 139936

Ion Ratio Lower Upper

152 100

150 159.3 123.0 184.4

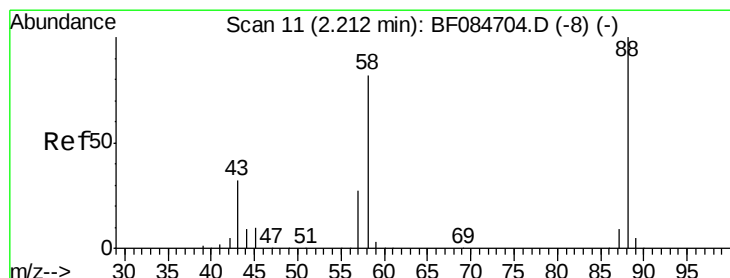
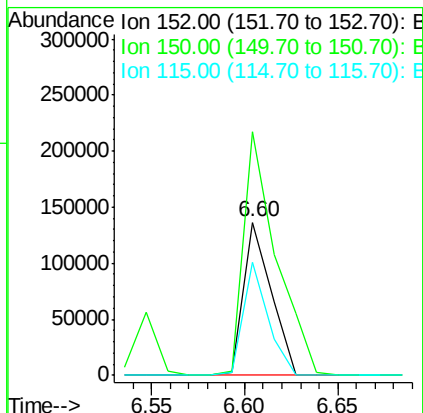
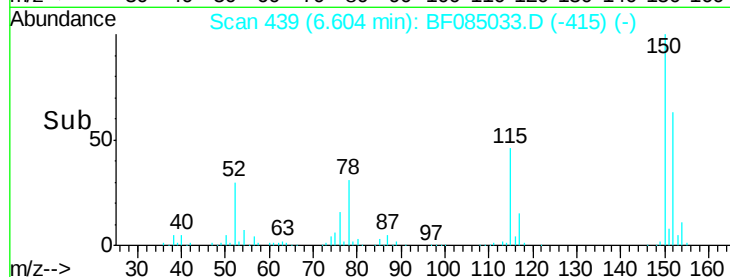
115 73.6 51.4 77.2



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: 35.25 ng

RT: 2.14 min Scan# 48

Delta R.T. 0.06 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

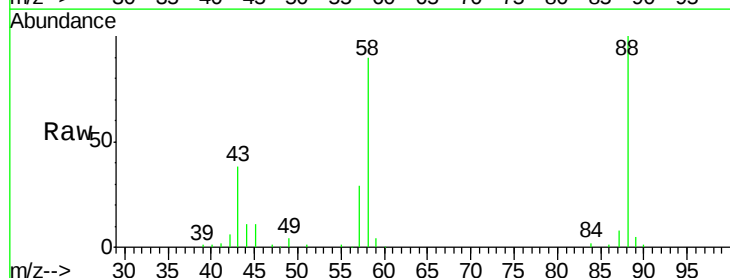
Tgt Ion: 88 Resp: 138723

Ion Ratio Lower Upper

88 100

58 83.6 51.2 76.8#

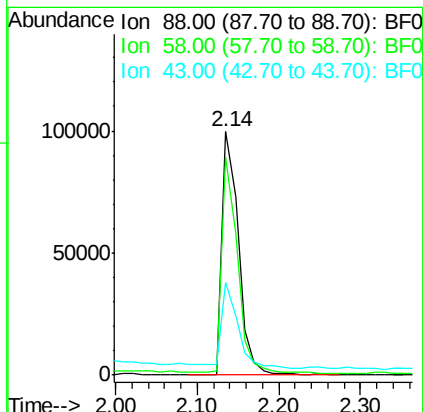
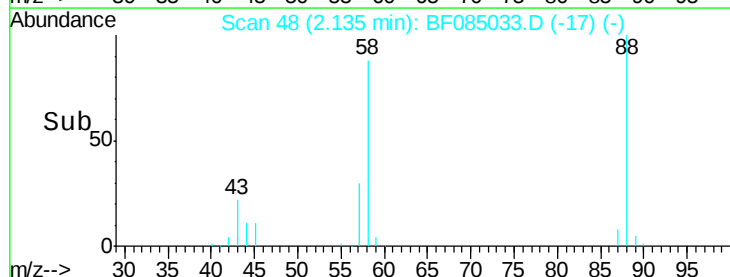
43 34.5 19.5 29.3#

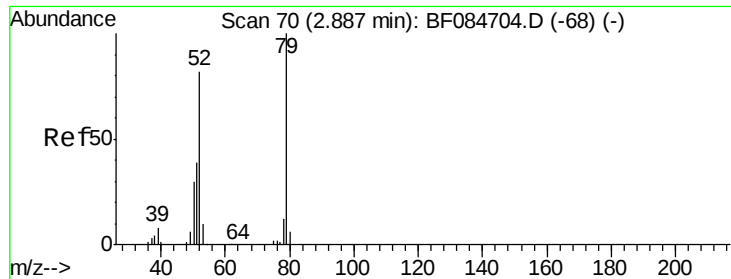


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.15 ng

RT: 2.76 min Scan# 103

Delta R.T. 0.05 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

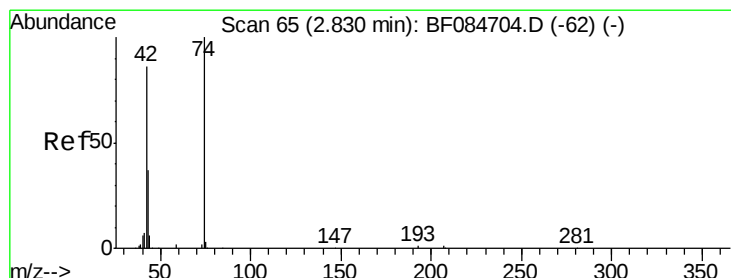
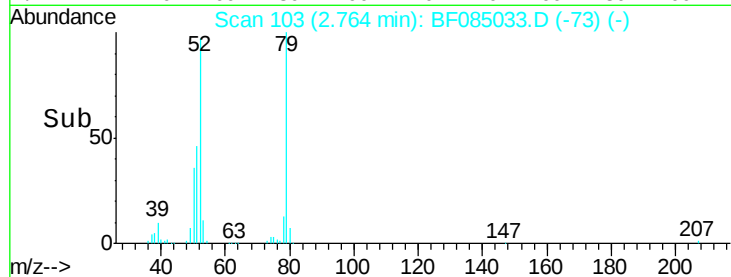
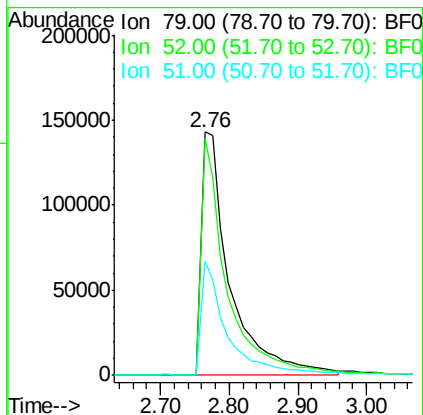
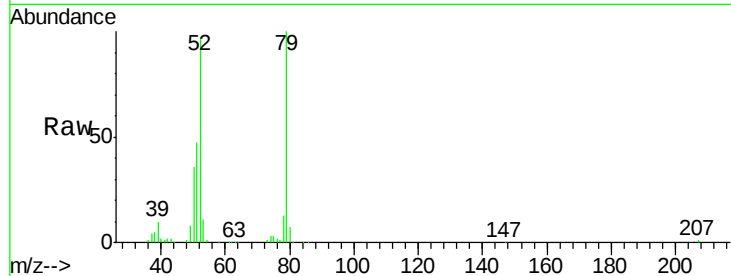
Tgt Ion: 79 Resp: 411657

Ion Ratio Lower Upper

79 100

52 97.5 49.0 73.4#

51 47.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 37.64 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.05 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

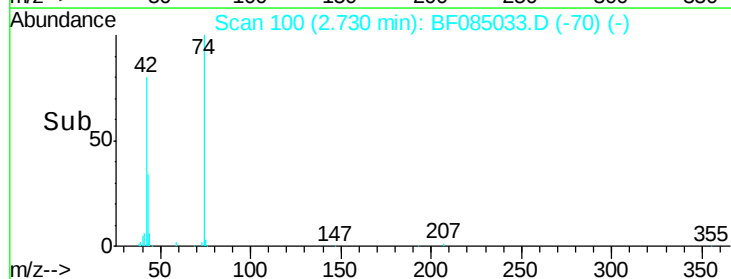
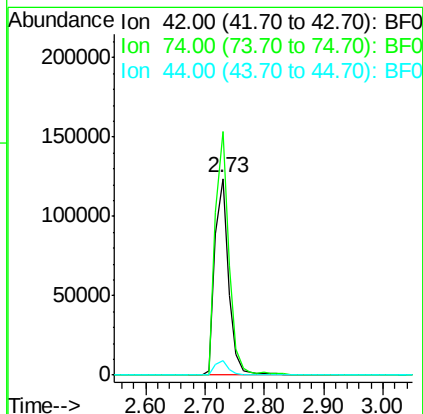
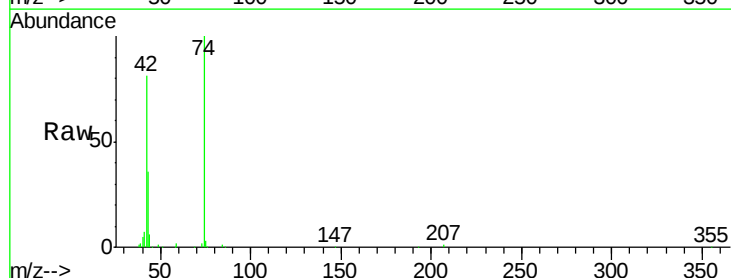
Tgt Ion: 42 Resp: 199598

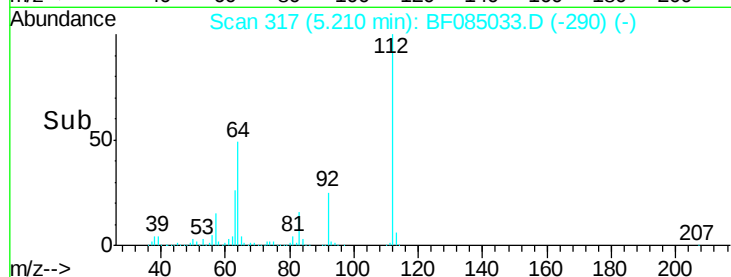
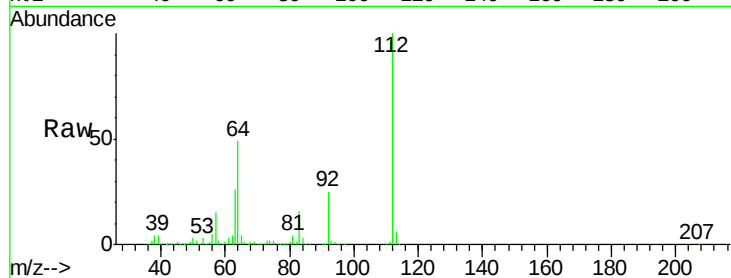
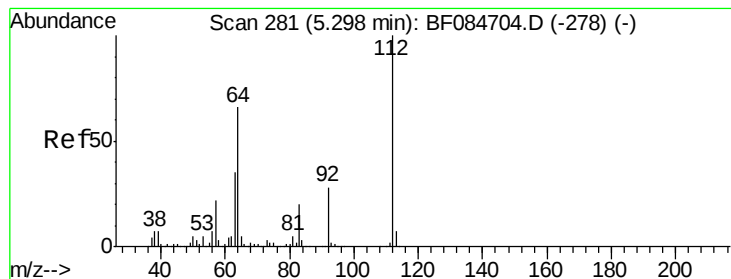
Ion Ratio Lower Upper

42 100

74 124.1 115.7 173.5

44 7.4 5.1 7.7





#5

2-Fluorophenol

Concen: 126.45 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

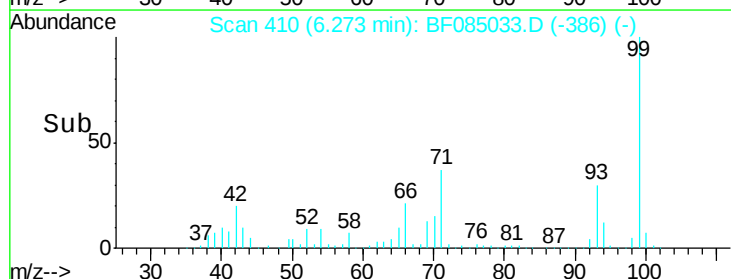
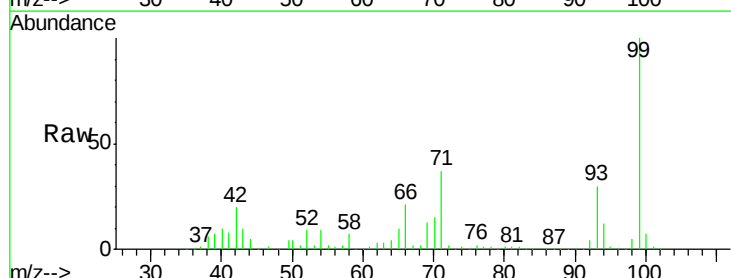
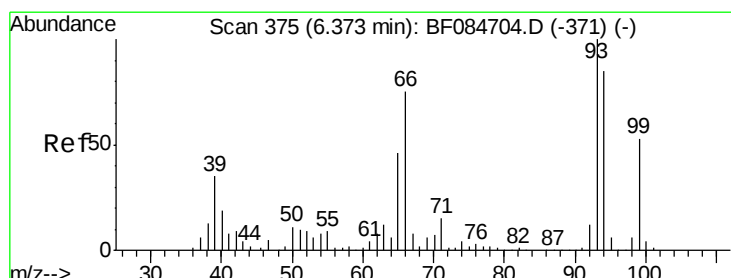
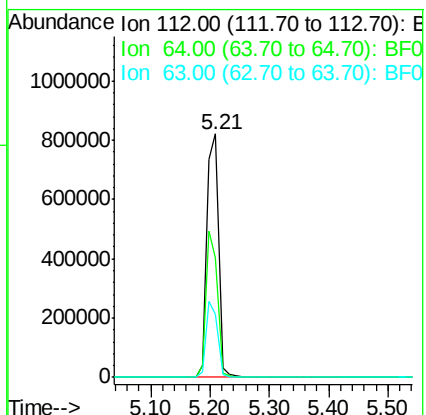
Tgt Ion: 112 Resp: 1136079

Ion Ratio Lower Upper

112 100

64 49.2 36.6 55.0

63 25.7 19.4 29.0



#6

Aniline

Concen: 29.54 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

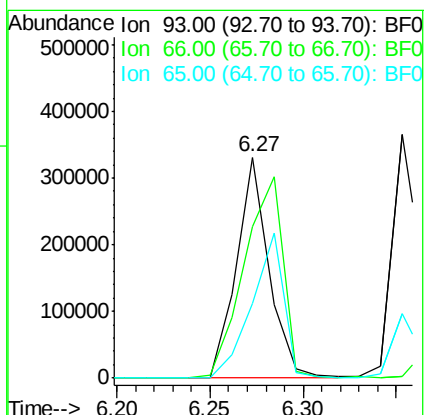
Tgt Ion: 93 Resp: 402615

Ion Ratio Lower Upper

93 100

66 68.2 44.9 67.3#

65 33.8 23.7 35.5





#7

Phenol-d6

Concen: 120.31 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

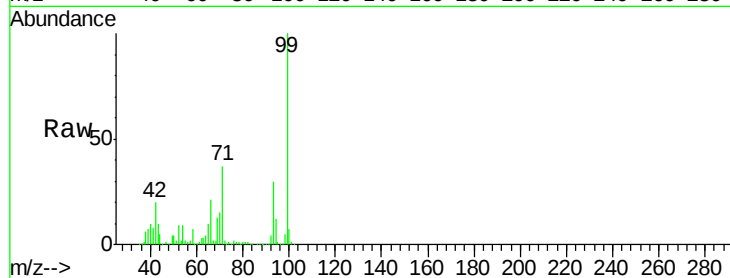
BNA_F

ClientSampled :

PB88306BS

Tgt Ion: 99 Resp: 1340030

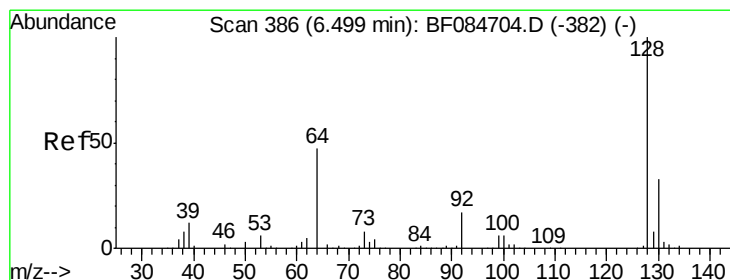
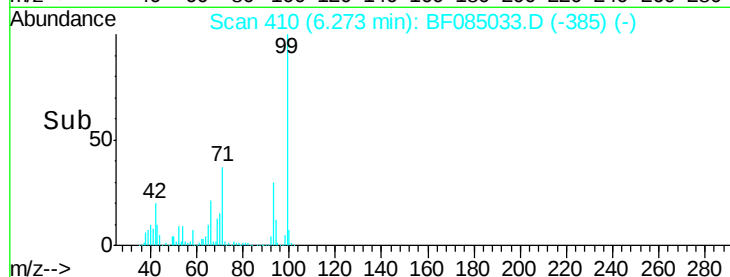
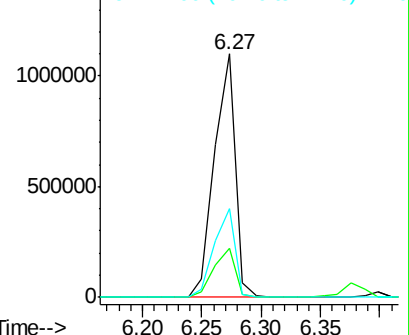
Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.8	19.2#
71	36.7	30.9	46.3



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: 43.36 ng

RT: 6.40 min Scan# 421

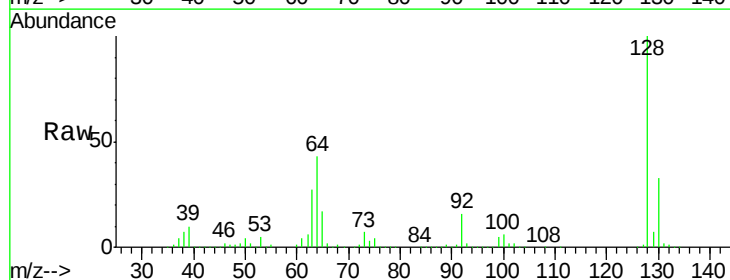
Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Tgt Ion: 128 Resp: 440935

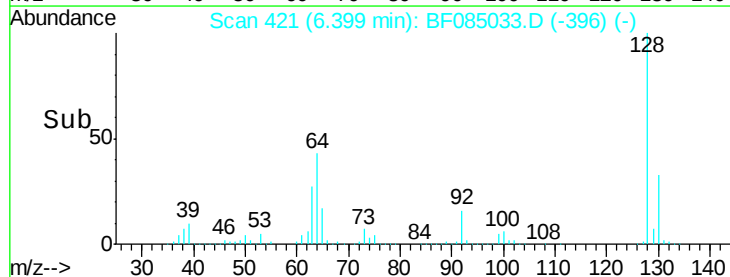
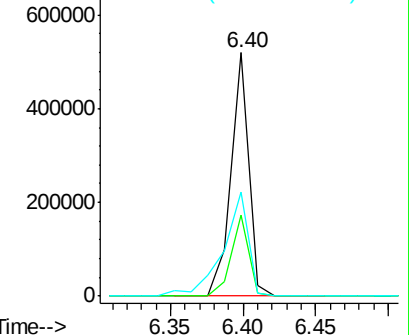
Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.6	51.6
64	42.6	23.8	63.8

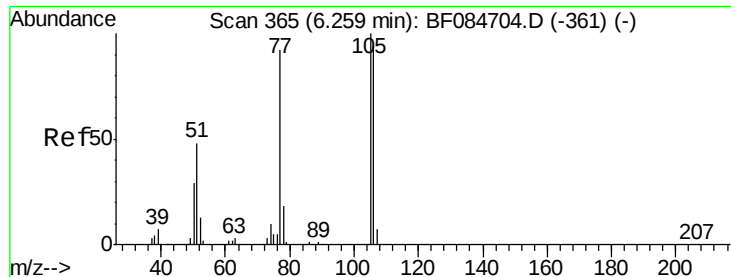


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.15 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

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PB88306BS

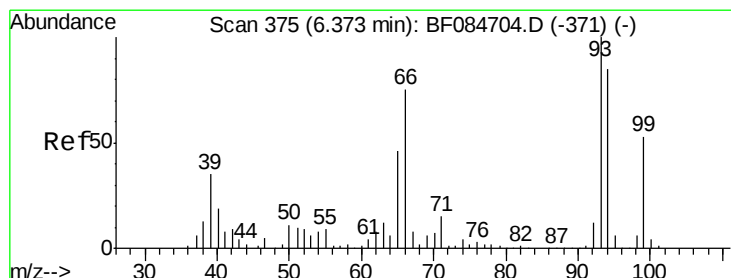
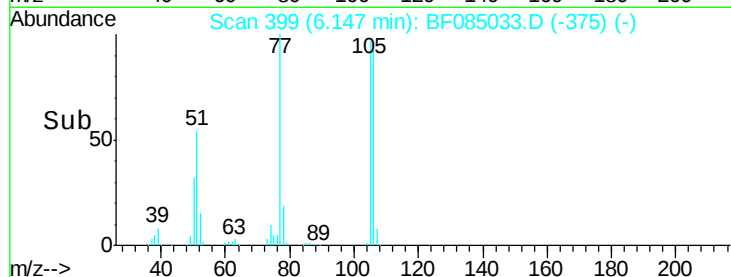
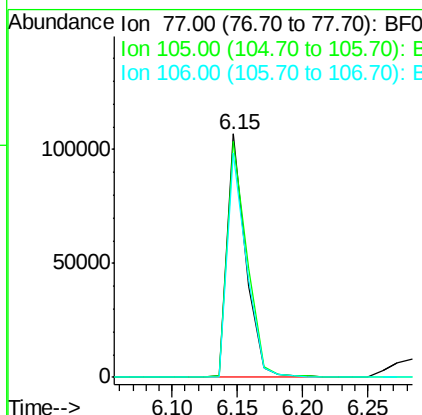
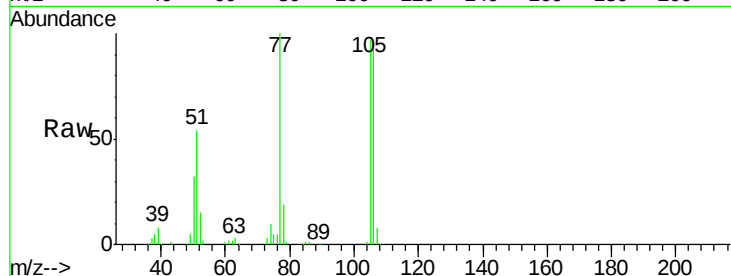
Tgt Ion: 77 Resp: 106191

Ion Ratio Lower Upper

77 100

105 96.9 83.0 123.0

106 92.2 74.6 114.6



#10

Phenol

Concen: 47.01 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

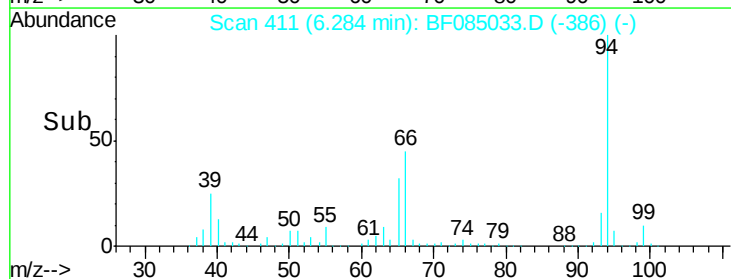
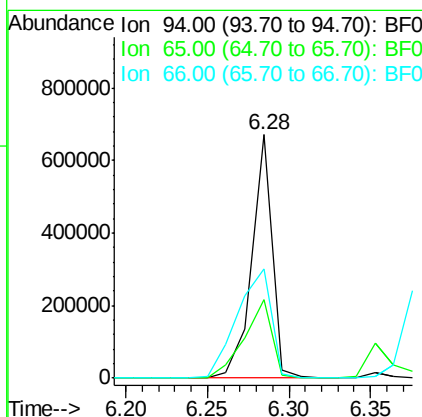
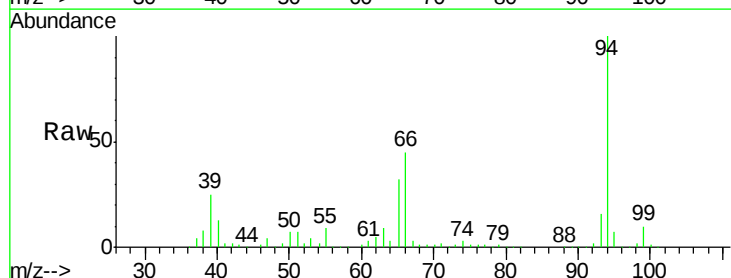
Tgt Ion: 94 Resp: 586493

Ion Ratio Lower Upper

94 100

65 32.4 12.9 52.9

66 45.0 32.7 72.7

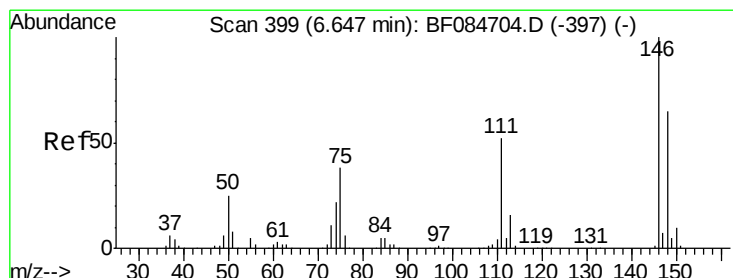
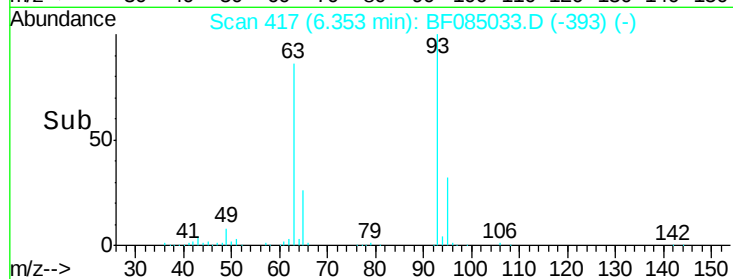
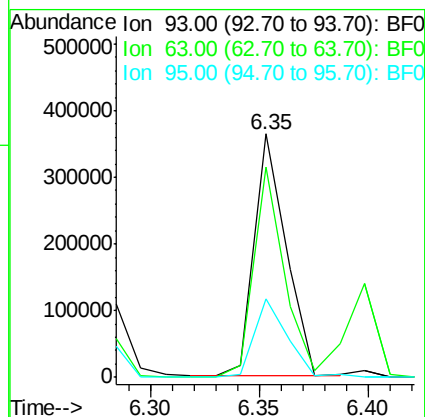
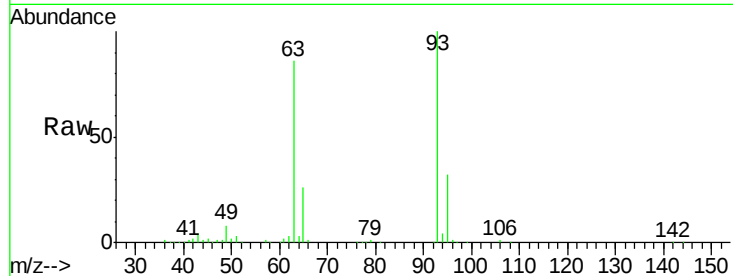




#11
bis(2-Chloroethyl)ether
Concen: 38.17 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

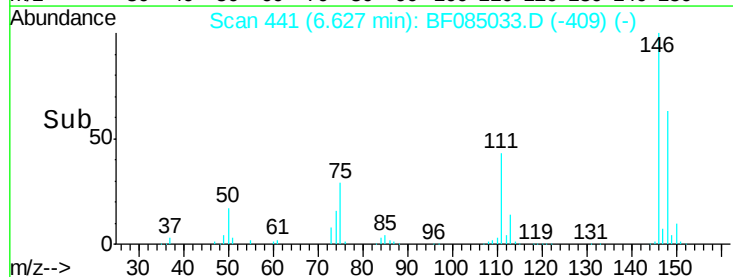
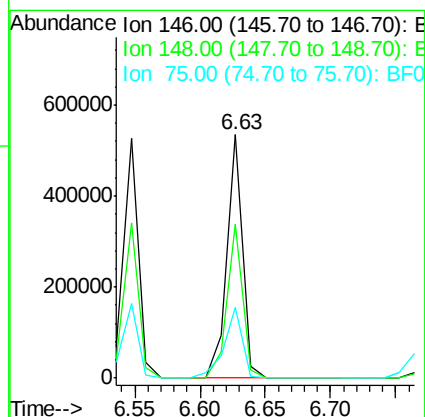
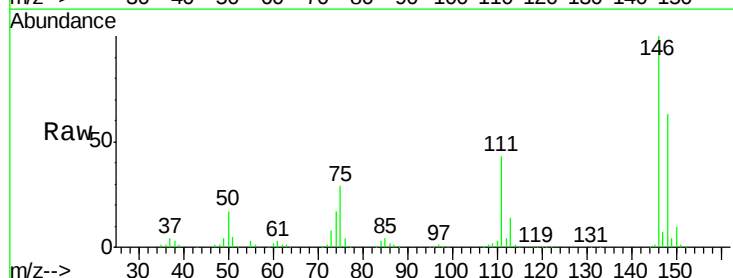
Instrument :
BNA_F
ClientSampleId :
PB88306BS

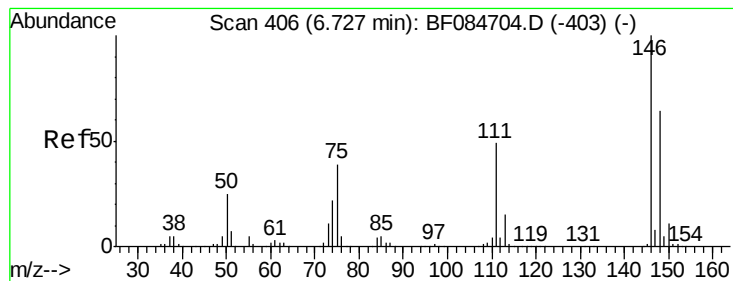
Tgt Ion: 93 Resp: 371417
Ion Ratio Lower Upper
93 100
63 86.4 45.9 85.9#
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.84 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.07 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion: 146 Resp: 449536
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
75 29.2 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 41.85 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

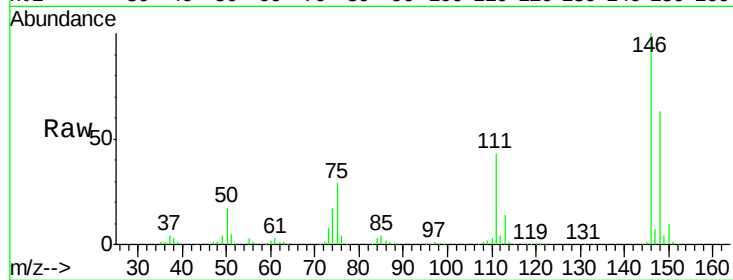
Tgt Ion:146 Resp: 449536

Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

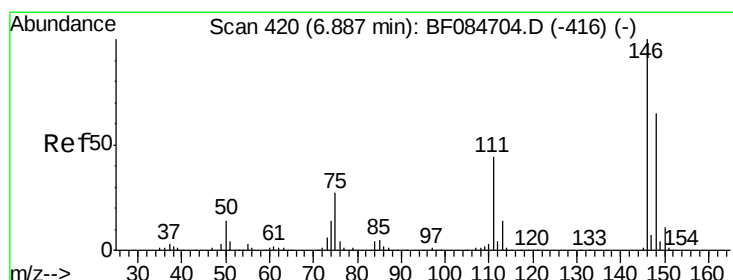
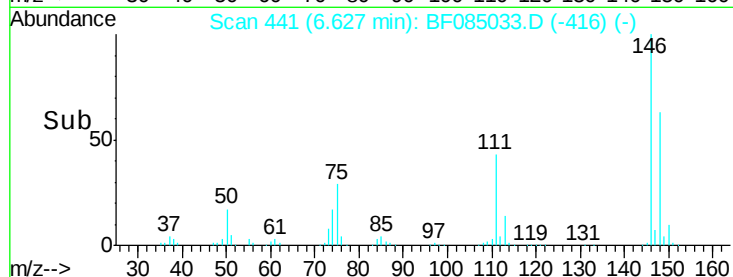
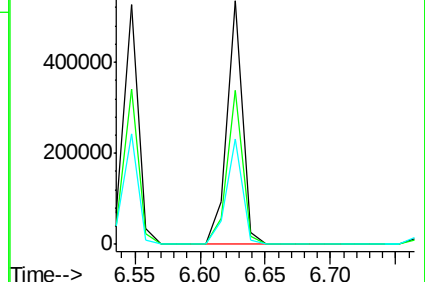
111 43.1 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.66 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

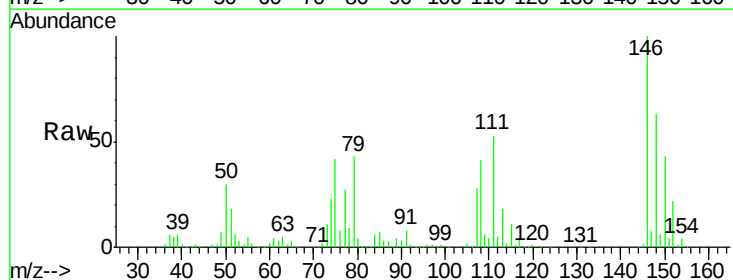
Tgt Ion:146 Resp: 366718

Ion Ratio Lower Upper

146 100

148 62.9 51.6 77.4

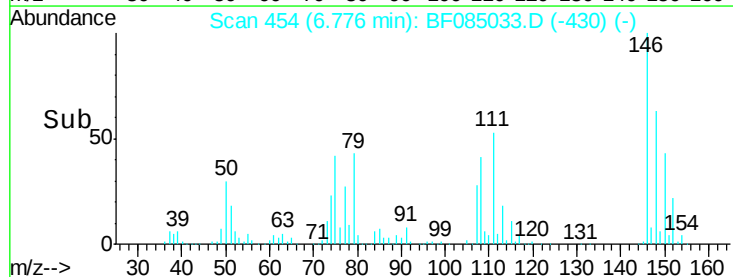
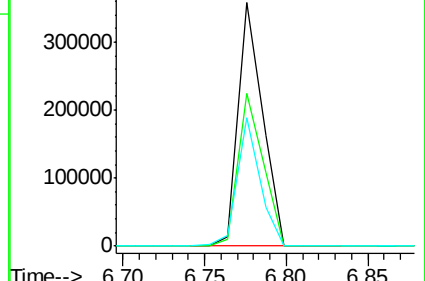
111 52.5 38.0 57.0

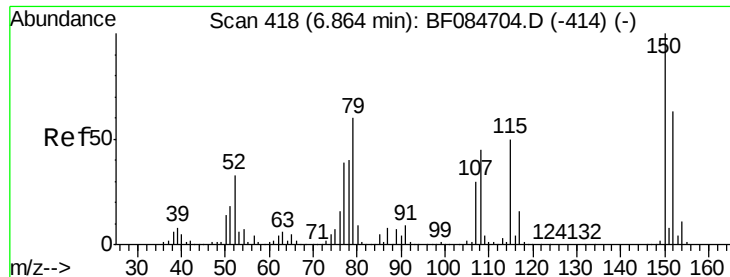


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

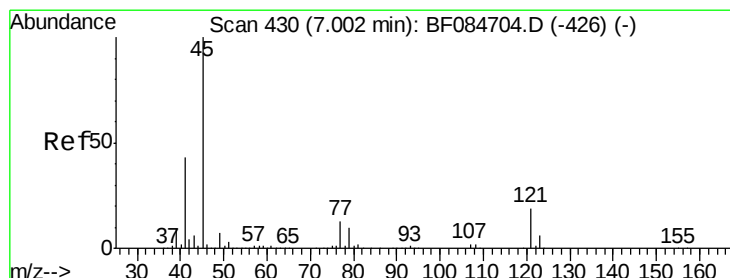
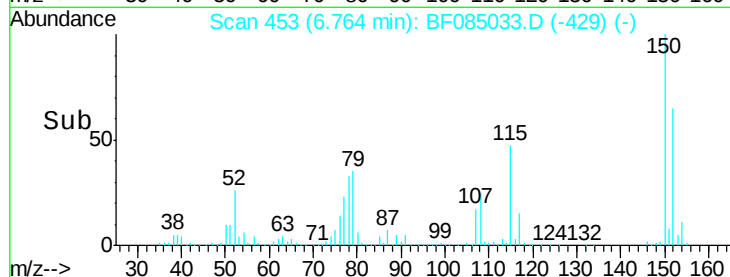
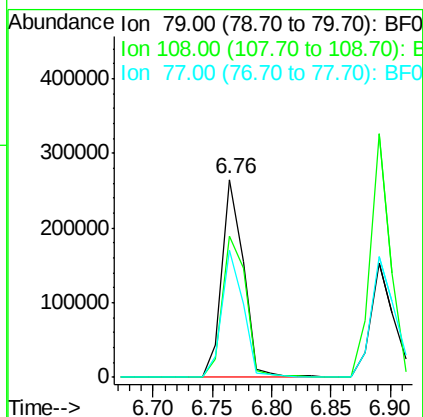
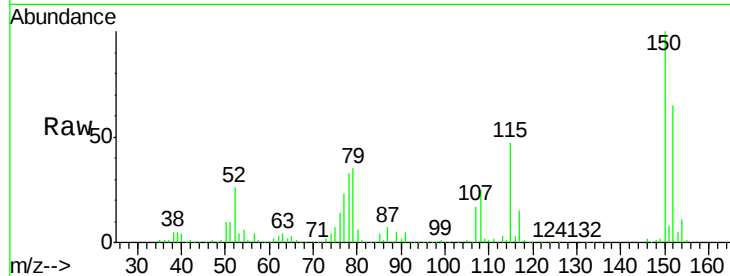




#15
Benzyl Alcohol
Concen: 43.41 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

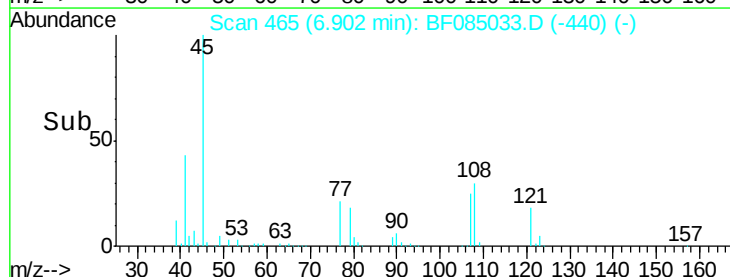
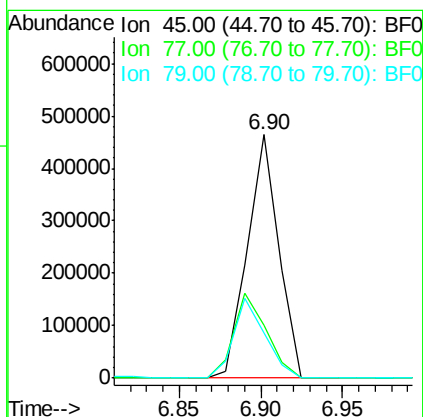
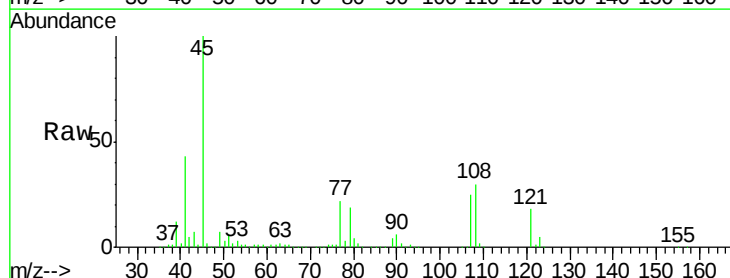
Instrument :
BNA_F
ClientSampleId :
PB88306BS

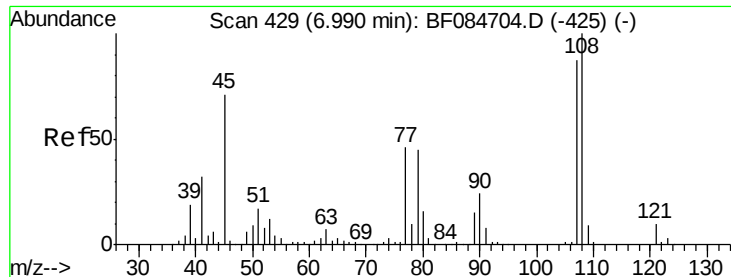
Tgt Ion: 79 Resp: 333855
Ion Ratio Lower Upper
79 100
108 71.5 69.0 103.4
77 64.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.75 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion: 45 Resp: 617839
Ion Ratio Lower Upper
45 100
77 21.7 0.0 39.6
79 18.7 0.0 35.0

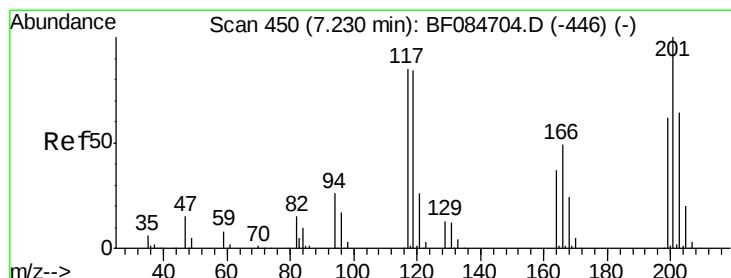
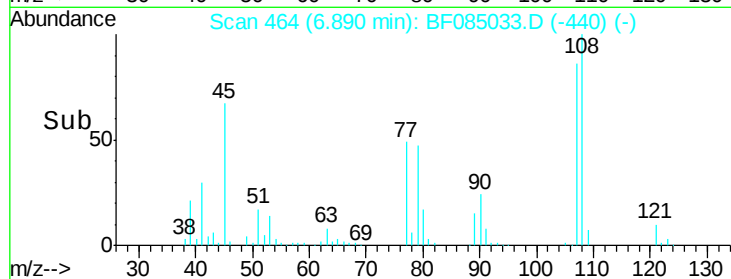
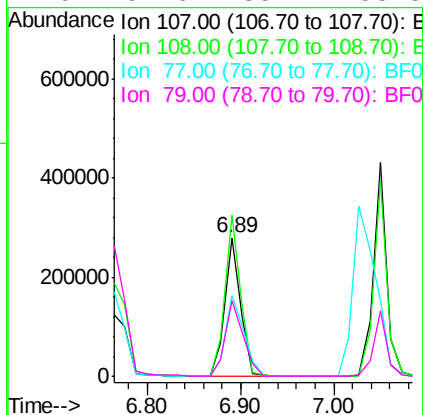
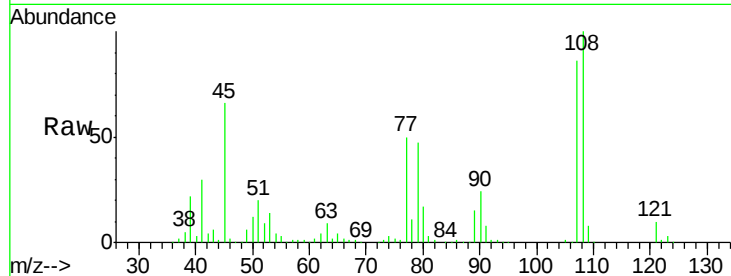




#17
2-Methylphenol
Concen: 40.58 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

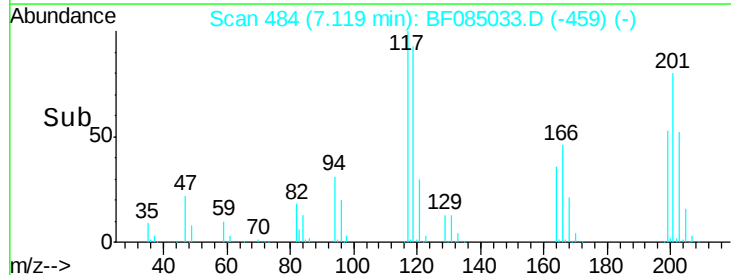
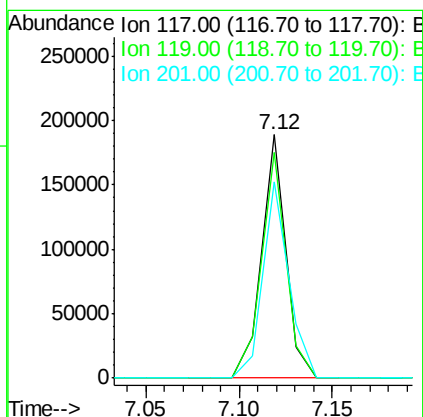
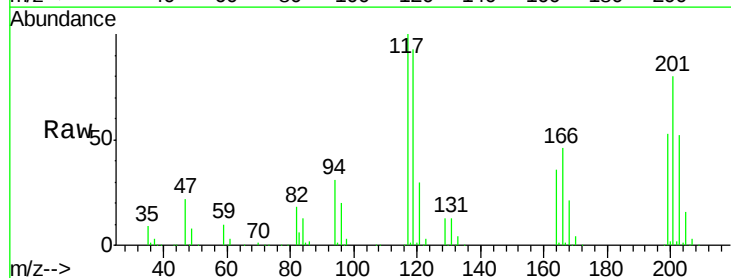
Instrument :
BNA_F
ClientSampleId :
PB88306BS

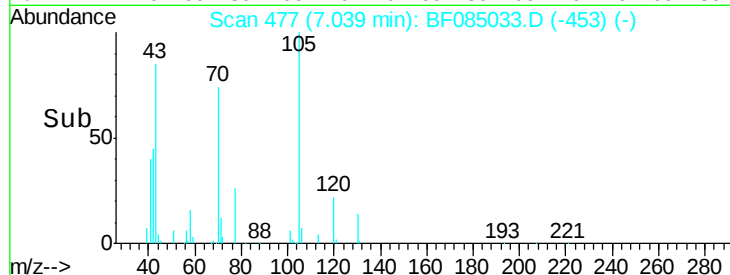
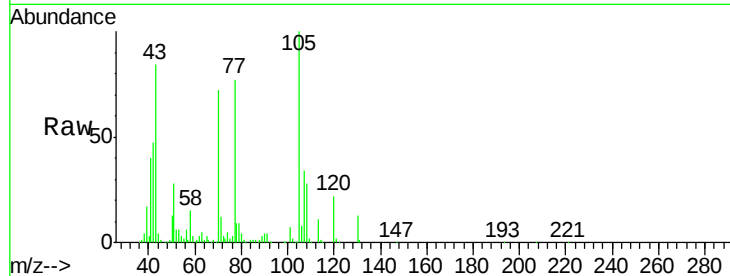
Tgt Ion:107 Resp: 326394
Ion Ratio Lower Upper
107 100
108 116.4 89.8 134.6
77 57.8 35.7 53.5#
79 54.6 35.7 53.5#



#18
Hexachloroethane
Concen: 40.66 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion:117 Resp: 168176
Ion Ratio Lower Upper
117 100
119 92.8 77.4 116.0
201 80.5 68.6 103.0

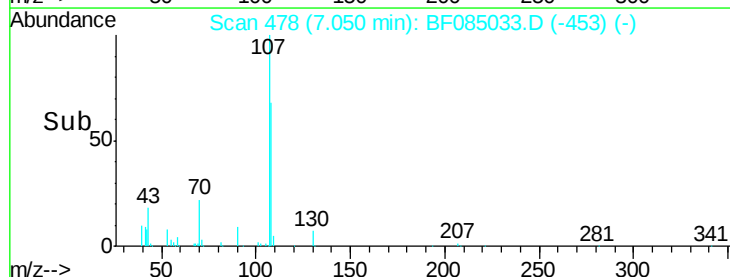
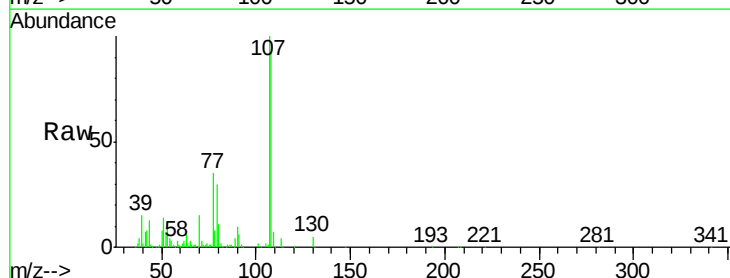
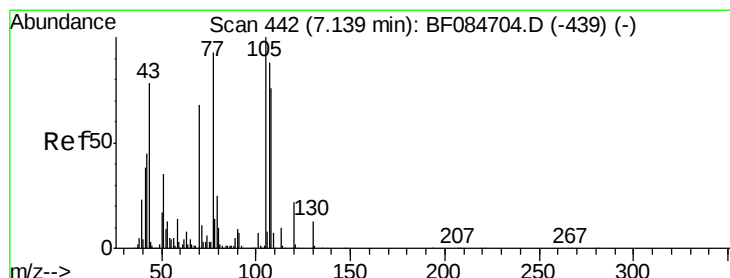
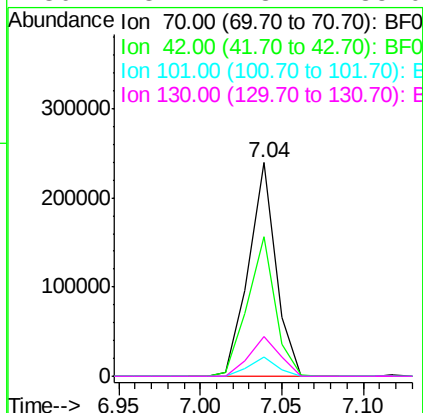




#19
n-Nitroso-di-n-propylamine
Concen: 40.06 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

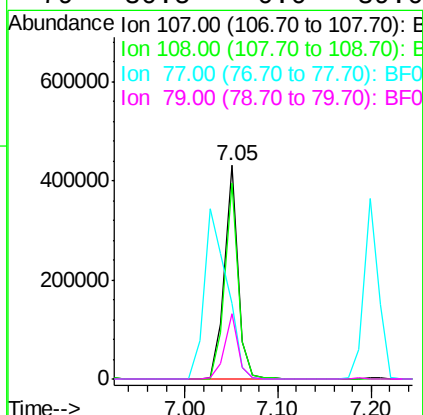
Instrument :
BNA_F
ClientSampleId :
PB88306BS

Tgt Ion:	70	Resp:	279690
Ion	Ratio	Lower	Upper
70	100		
42	65.6	33.3	49.9#
101	9.0	9.3	13.9#
130	18.4	23.4	35.0#



#20
3+4-Methylphenols
Concen: 43.61 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion:	107	Resp:	435302
Ion	Ratio	Lower	Upper
107	100		
108	92.0	74.6	114.6
77	35.5	0.7	40.7
79	30.5	0.0	39.0

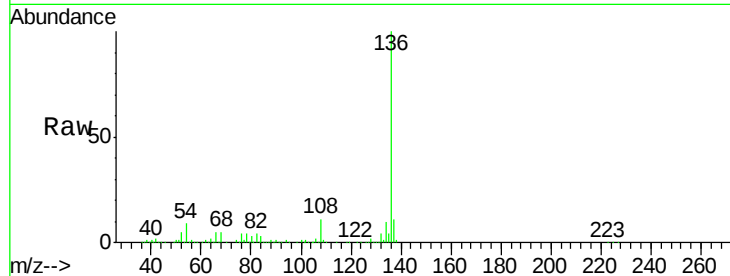




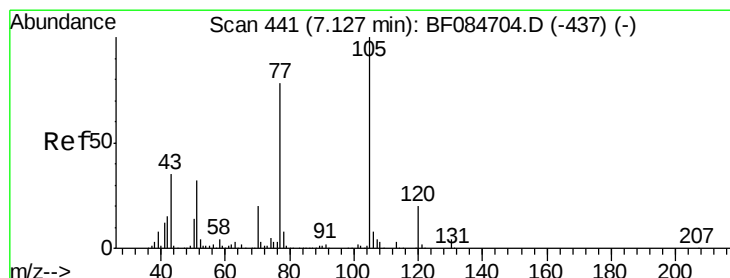
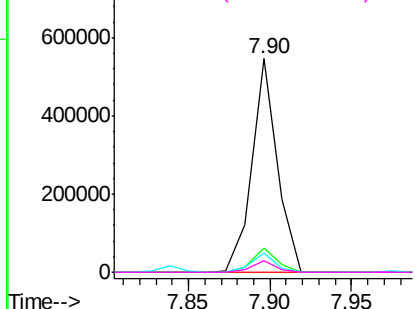
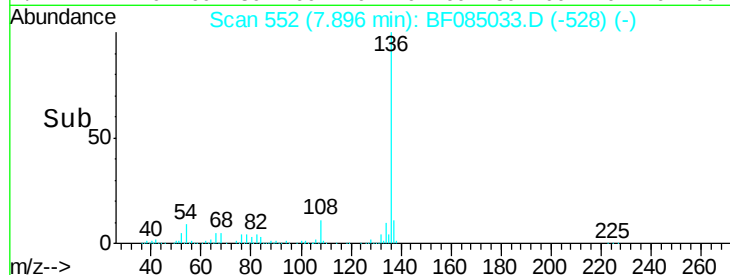
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB88306BS

Tgt Ion:	136	Resp:	590075
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.7	13.1
54	9.2	5.8	8.8#
68	5.3	4.2	6.2

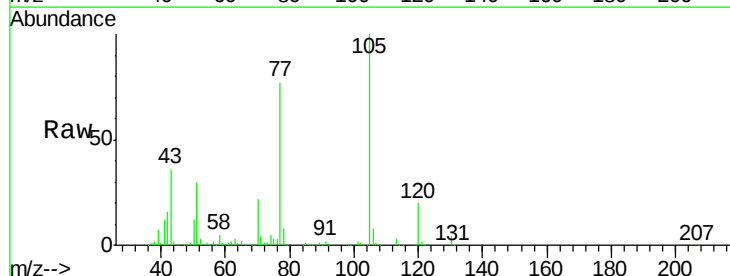


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

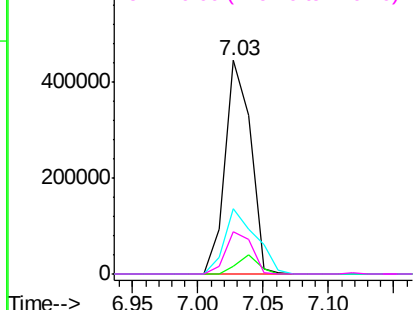
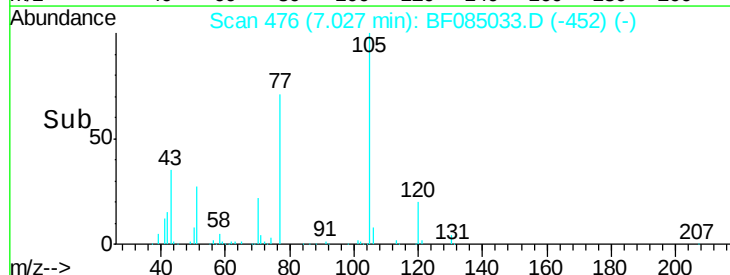


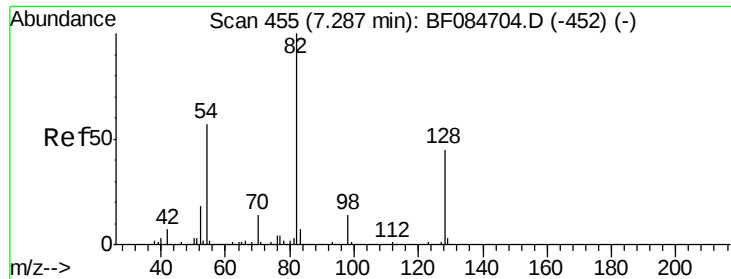
#22
Acetophenone
Concen: 38.86 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion:	105	Resp:	604381
Ion Ratio	Lower	Upper	
105	100		
71	3.7	3.7	5.5#
51	30.4	25.1	37.7
120	19.8	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

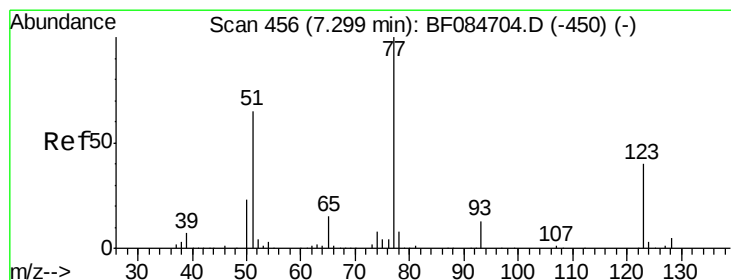
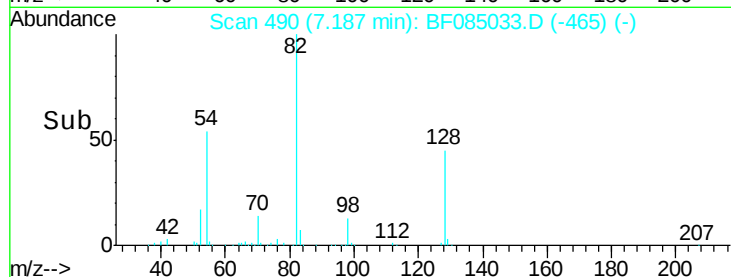
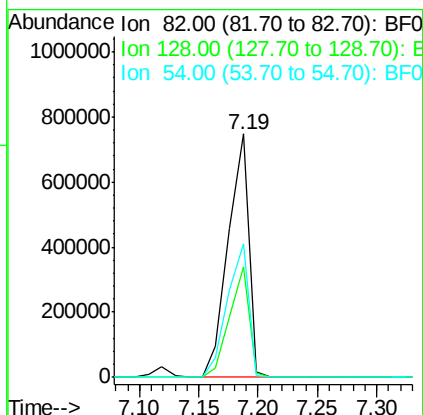
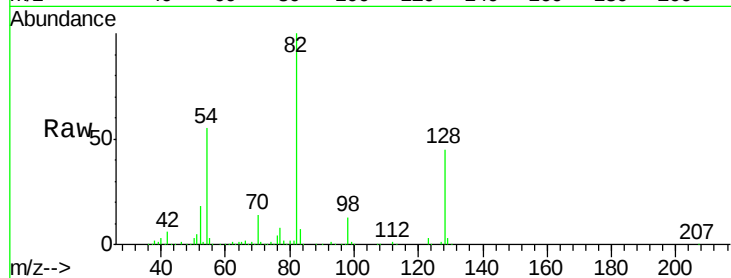




#23
 Nitrobenzene-d5
 Concen: 86.43 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

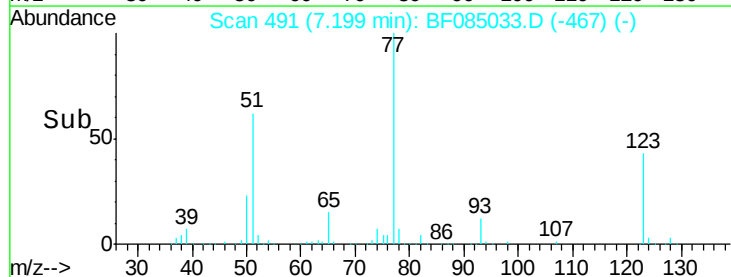
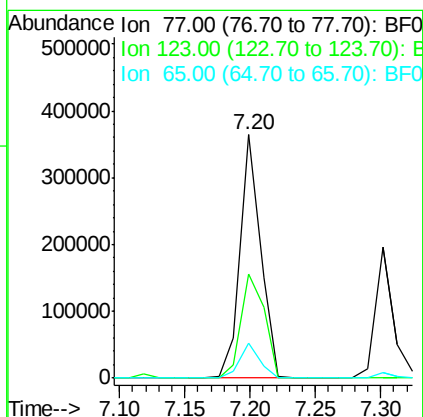
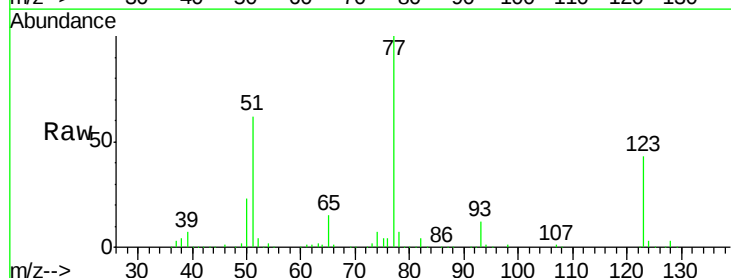
Instrument :
 BNA_F
 ClientSampleId :
 PB88306BS

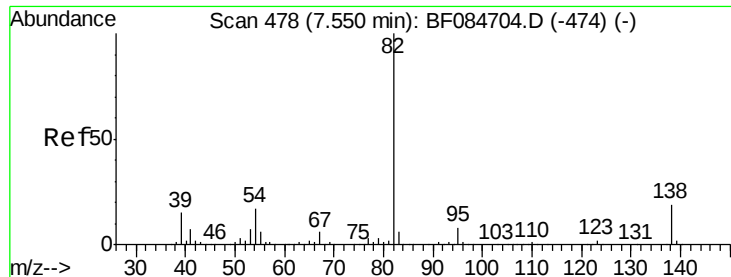
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	55.0	38.4	57.6



#24
 Nitrobenzene
 Concen: 35.51 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	37.4	56.2
65	14.6	10.9	16.3





#25

Isophorone

Concen: 39.79 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

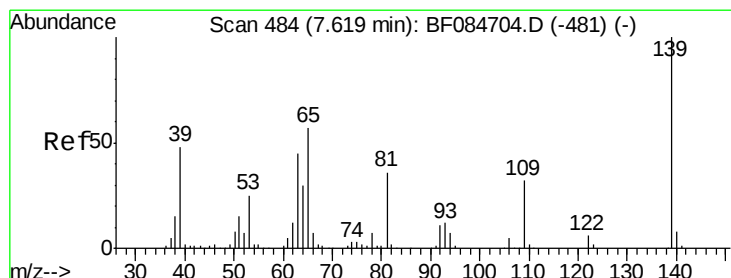
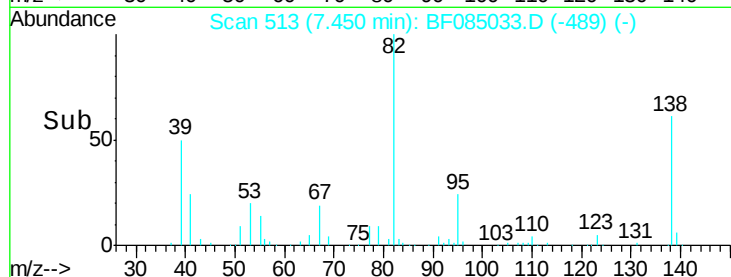
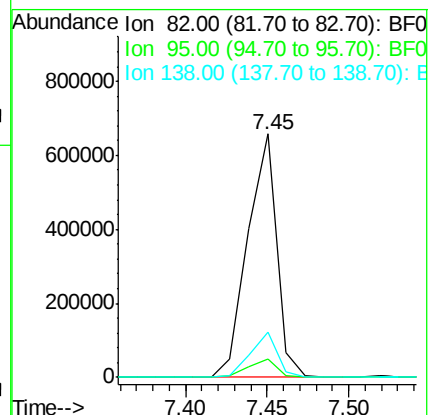
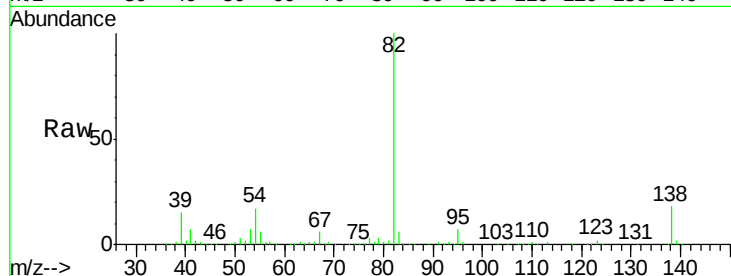
Tgt Ion: 82 Resp: 810361

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

138 18.4 13.6 20.4



#26

2-Nitrophenol

Concen: 38.73 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

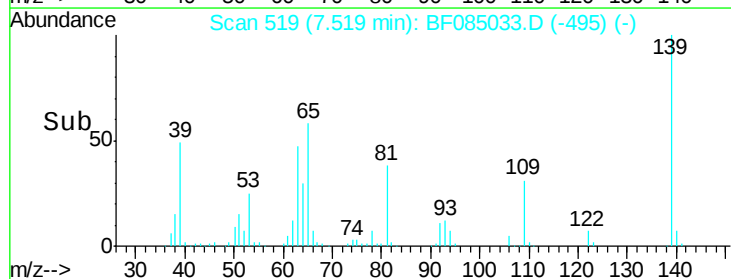
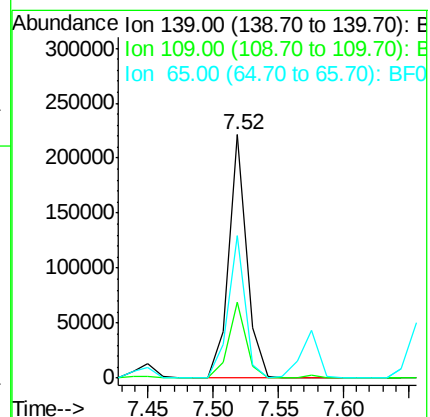
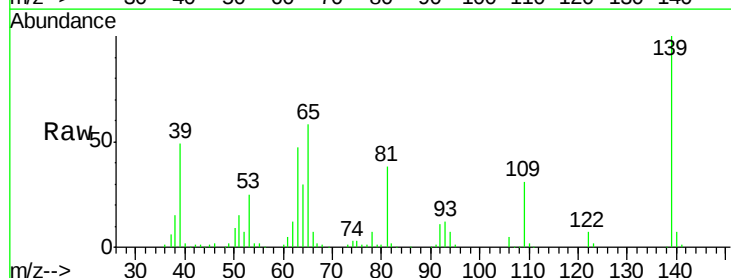
Tgt Ion: 139 Resp: 214262

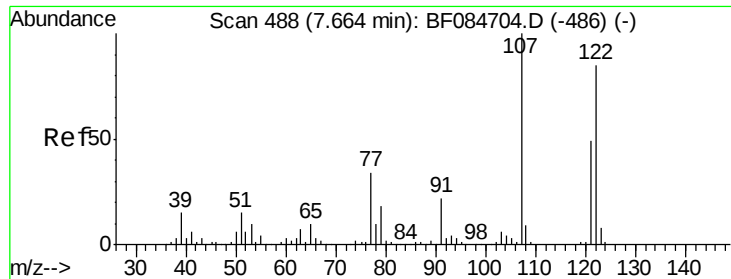
Ion Ratio Lower Upper

139 100

109 31.4 25.4 38.2

65 58.4 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 42.83 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

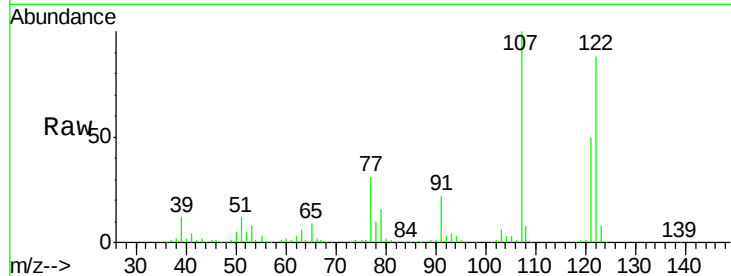
Tgt Ion:122 Resp: 412136

Ion Ratio Lower Upper

122 100

107 113.3 99.1 148.7

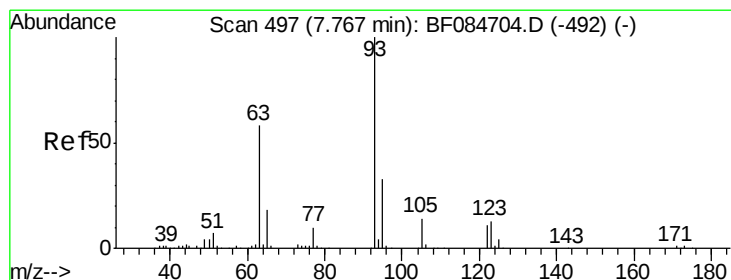
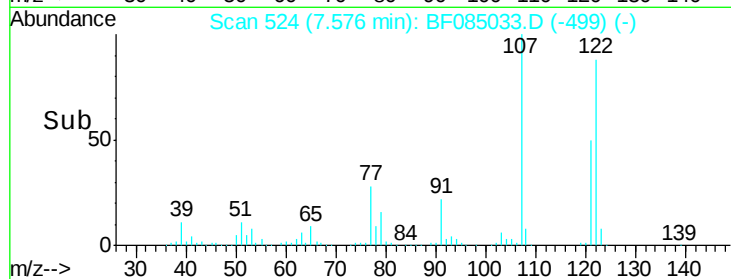
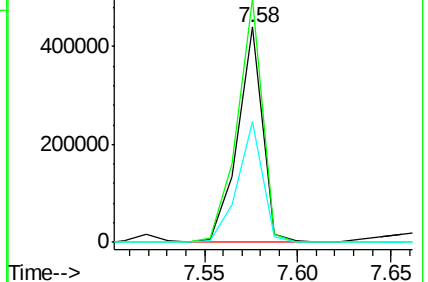
121 56.5 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.46 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

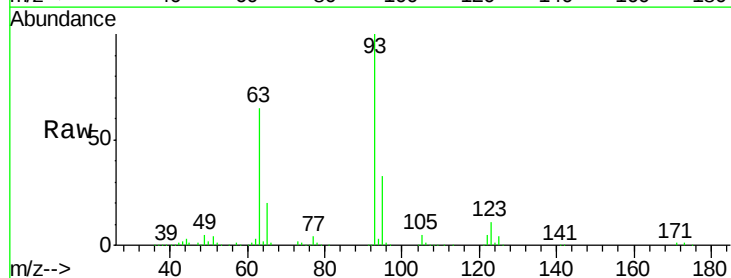
Tgt Ion: 93 Resp: 537207

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

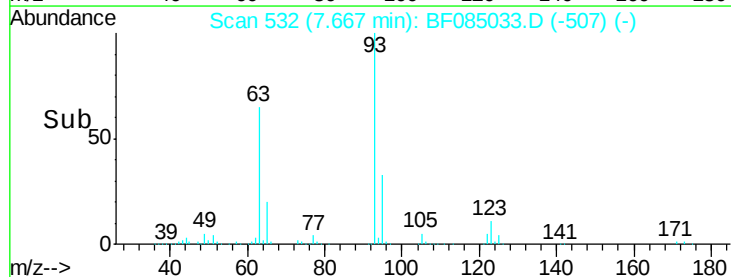
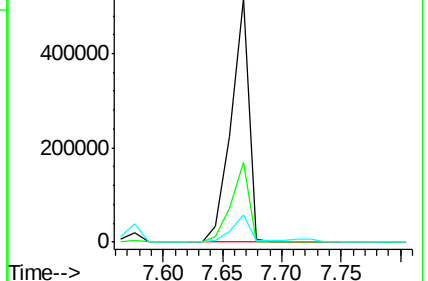
123 11.2 8.6 12.8

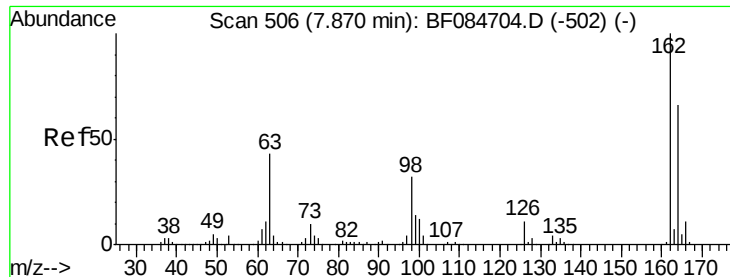


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

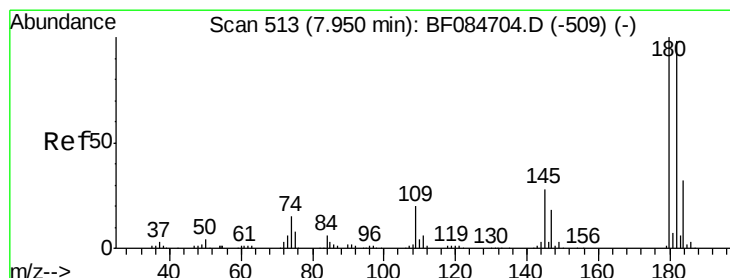
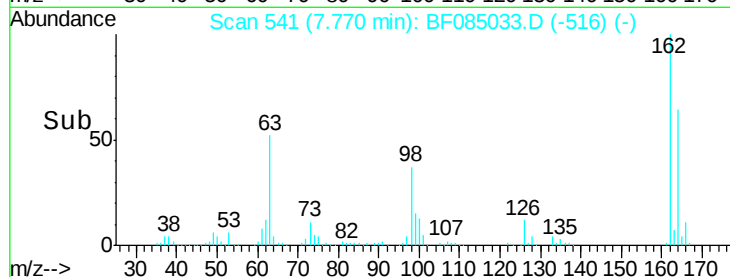
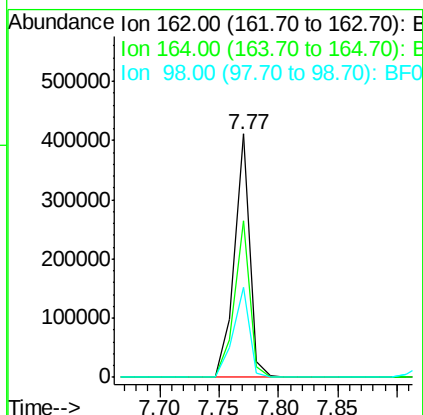
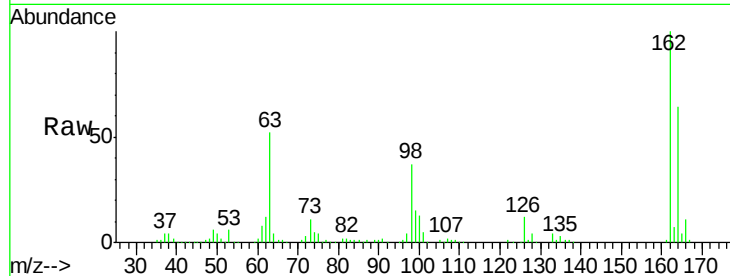




#29
 2,4-Dichlorophenol
 Concen: 45.25 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

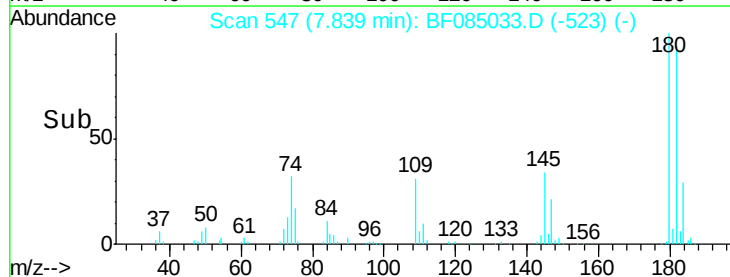
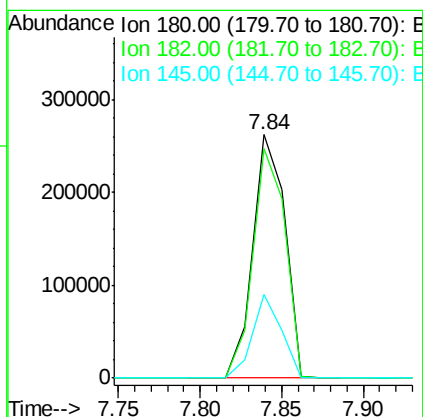
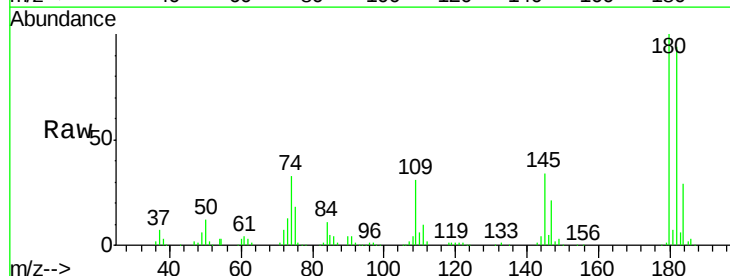
Instrument :
 BNA_F
 ClientSampleId :
 PB88306BS

Tgt Ion:162 Resp: 372573
 Ion Ratio Lower Upper
 162 100
 164 64.1 44.1 84.1
 98 37.1 20.2 60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.52 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.02 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Tgt Ion:180 Resp: 358210
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.4 114.6
 145 34.4 31.6 47.4





#31

Naphthalene

Concen: 38.02 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

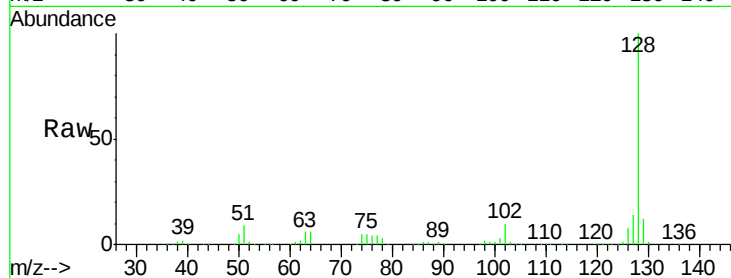
Tgt Ion:128 Resp: 1125378

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

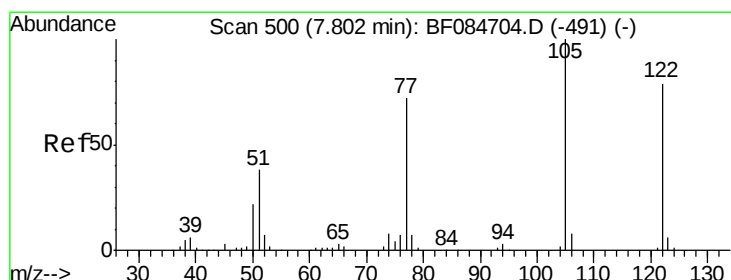
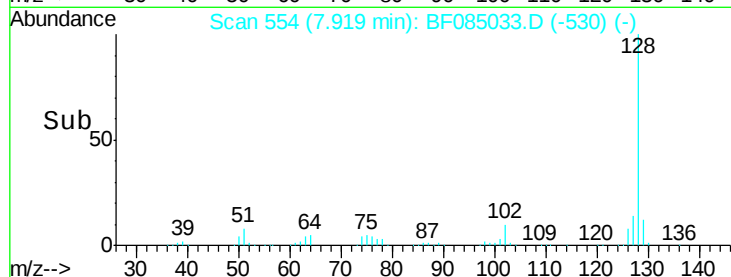
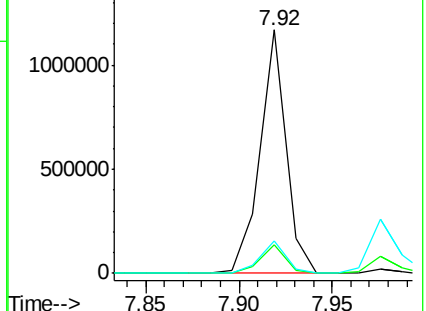
127 13.5 11.1 16.7



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: 37.55 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

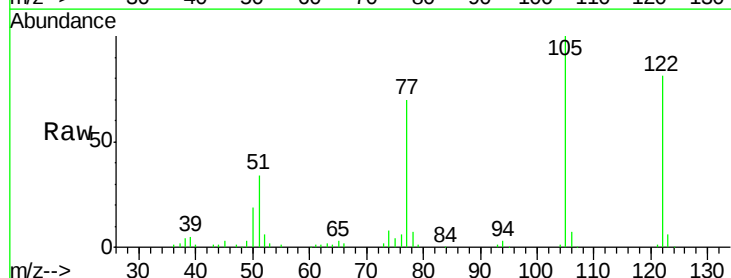
Tgt Ion:122 Resp: 231108

Ion Ratio Lower Upper

122 100

105 123.5 100.3 140.3

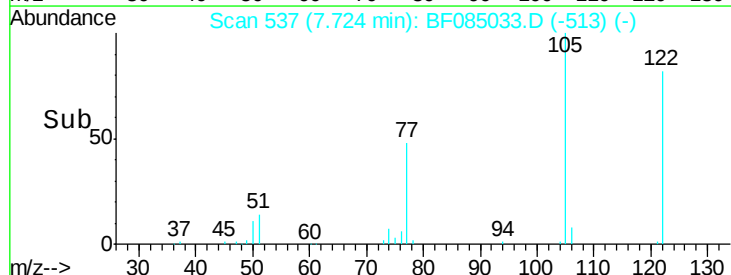
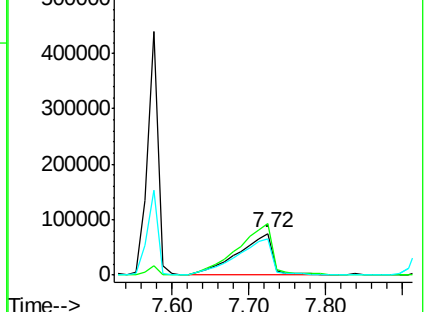
77 86.0 63.5 103.5

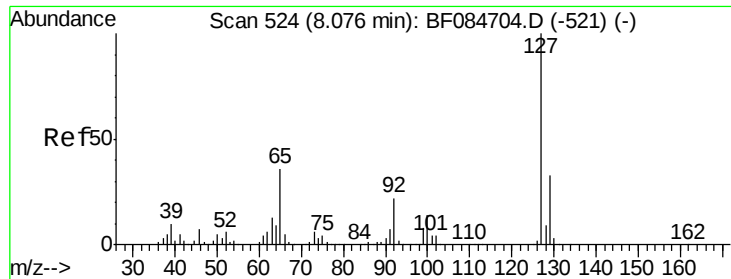


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

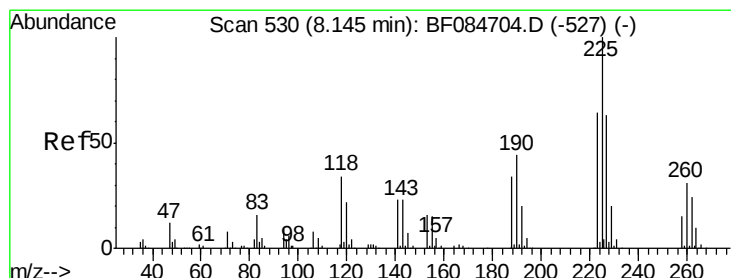
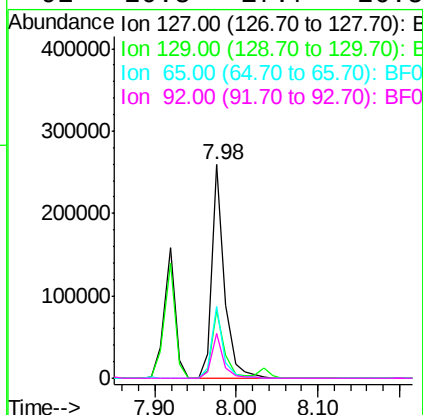
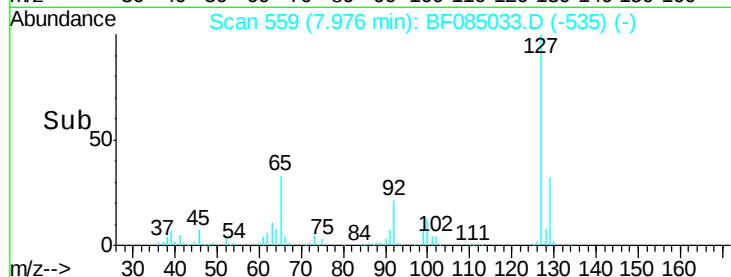
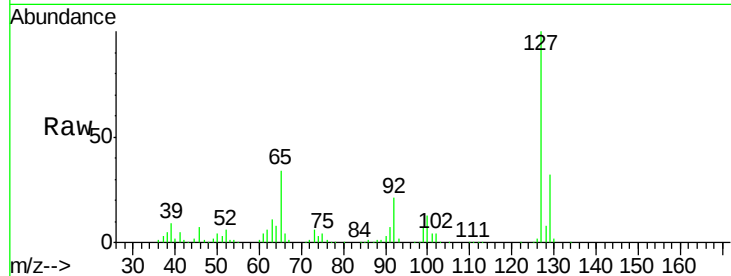




#33
4-Chloroaniline
Concen: 23.12 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

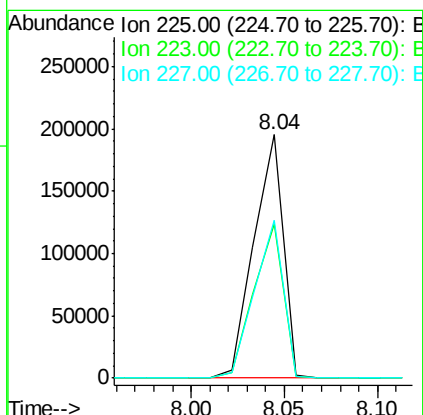
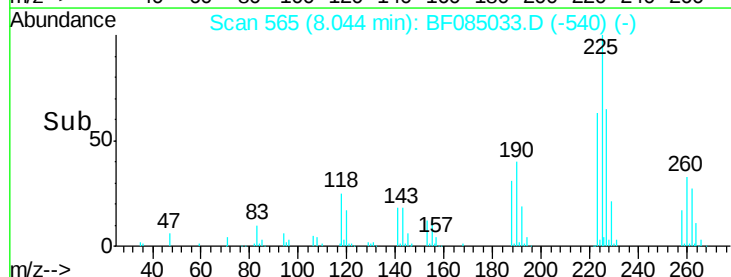
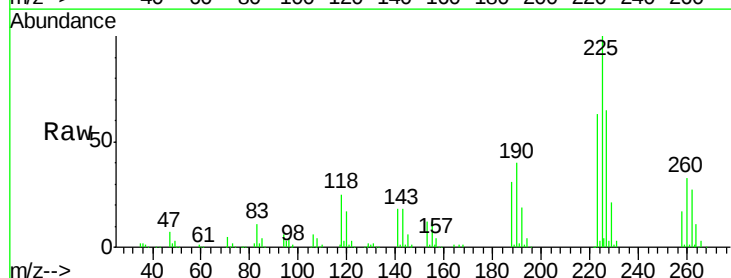
Instrument :
BNA_F
ClientSampleId :
PB88306BS

Tgt Ion:	127	Resp:	283049
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	33.6	27.2	40.8
92	20.8	17.7	26.5



#34
Hexachlorobutadiene
Concen: 39.48 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion:	225	Resp:	211709
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	64.7	50.8	76.2

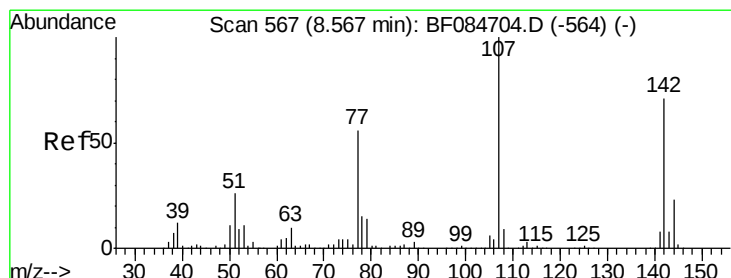
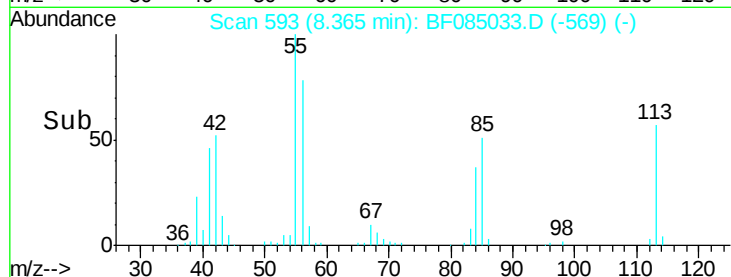
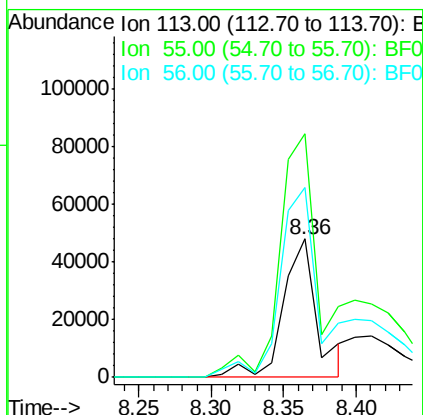
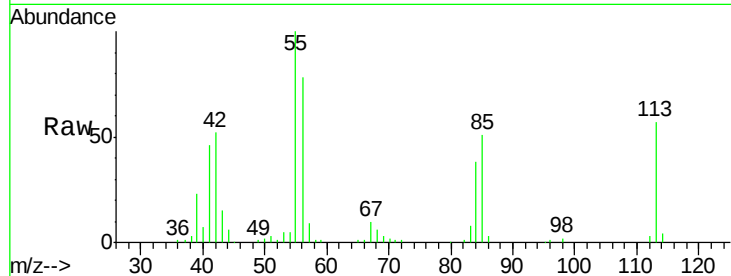




#35
 Caprolactam
 Concen: 30.62 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

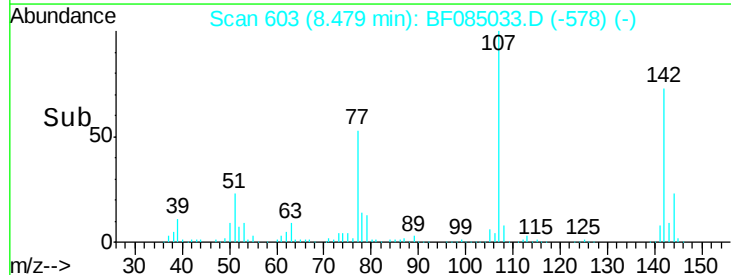
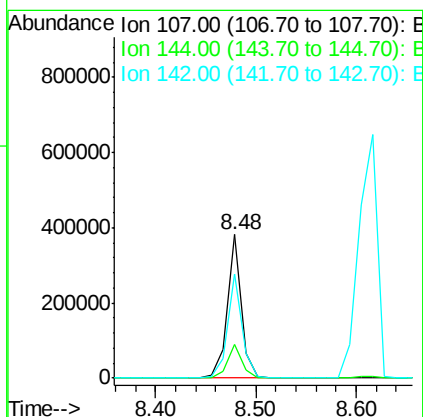
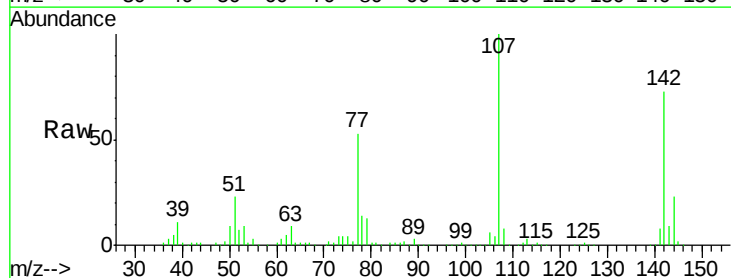
Instrument :
 BNA_F
 ClientSampleId :
 PB88306BS

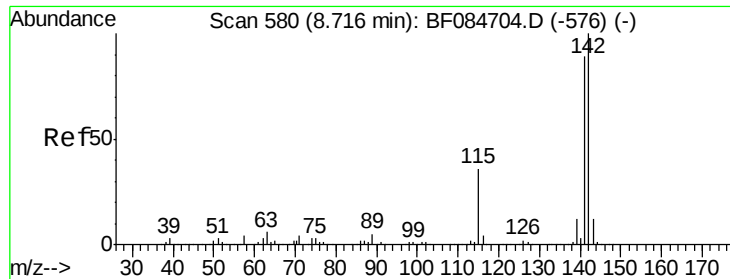
Tgt Ion:113 Resp: 77697
 Ion Ratio Lower Upper
 113 100
 55 175.8 116.9 156.9#
 56 136.8 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.76 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Tgt Ion:107 Resp: 373467
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.7 29.5
 142 72.6 61.8 92.6

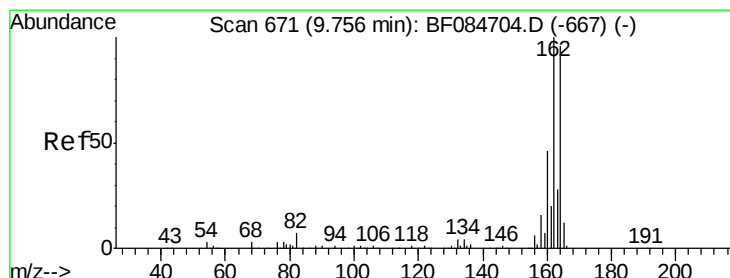
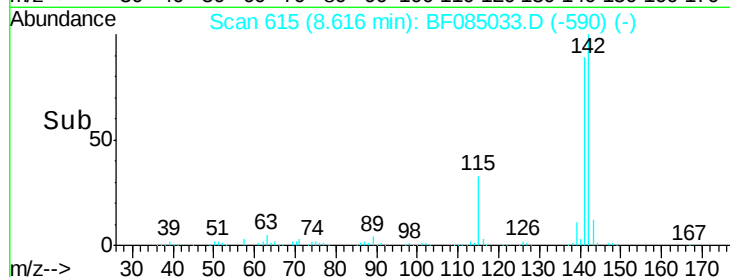
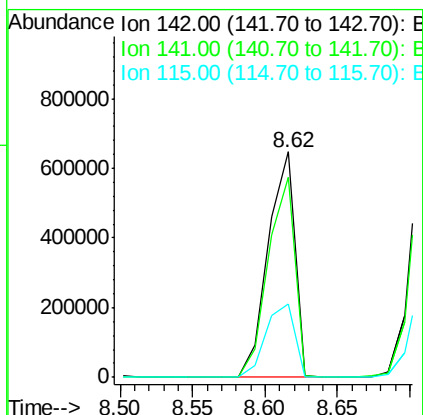
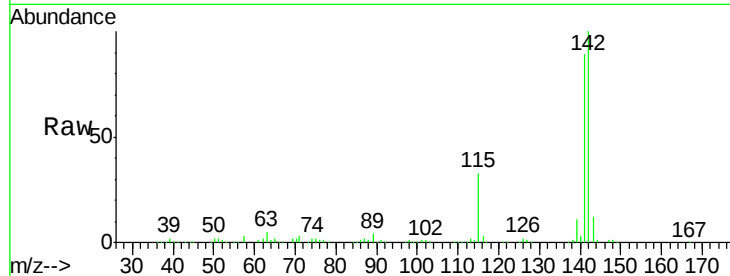




#37
 2-Methylnaphthalene
 Concen: 44.69 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

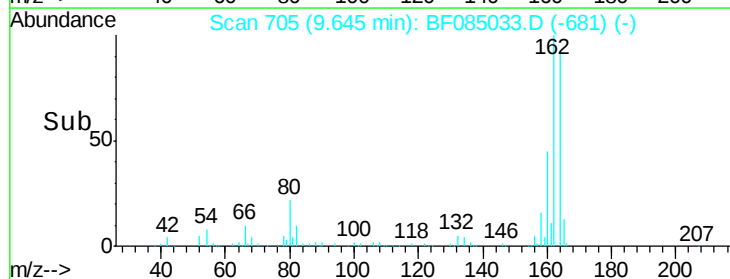
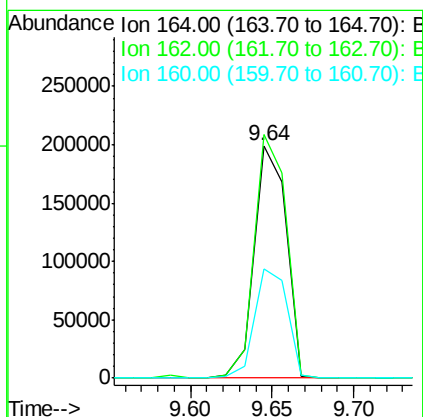
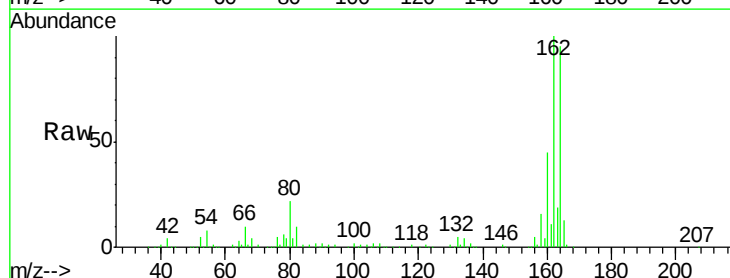
Instrument :
 BNA_F
 ClientSampleId :
 PB88306BS

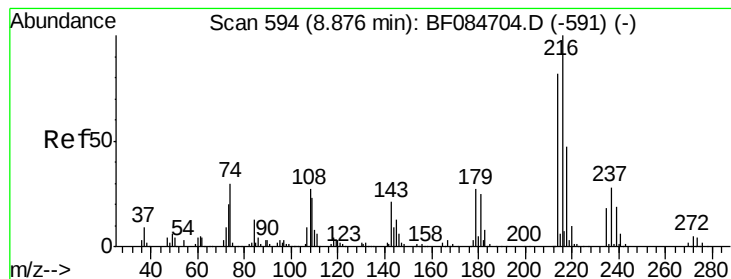
Tgt Ion:142 Resp: 827844
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.4 108.6
 115 32.7 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Tgt Ion:164 Resp: 271603
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.1 127.7
 160 46.8 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.11 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

Tgt Ion:216 Resp: 311501

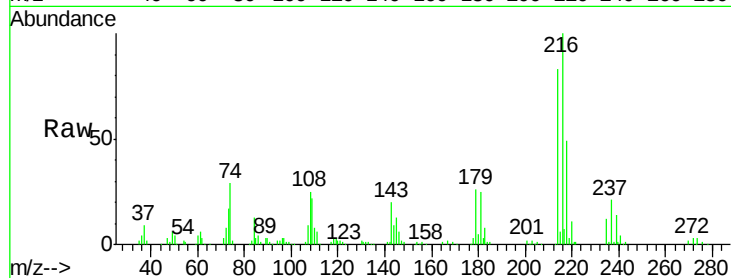
Ion Ratio Lower Upper

216 100

214 81.0 64.2 96.2

179 22.6 18.7 28.1

108 22.4 16.8 25.2

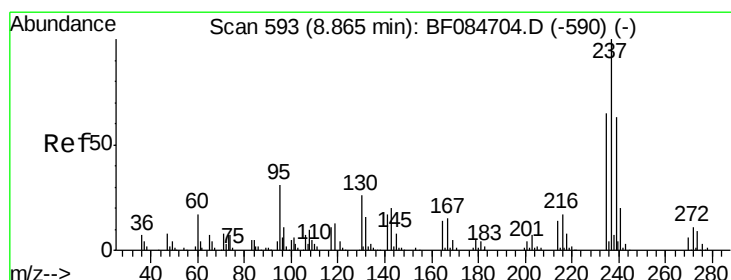
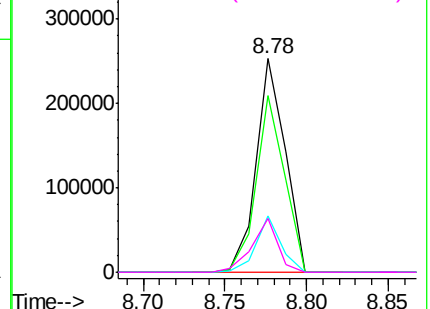
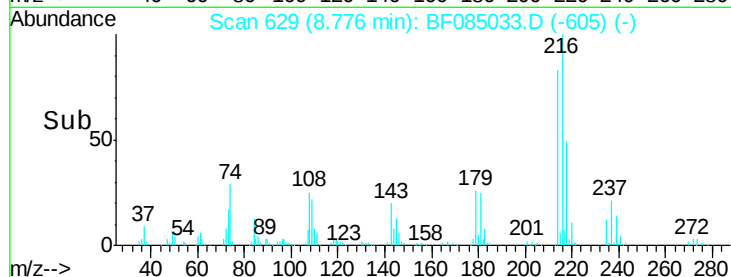


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.37 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

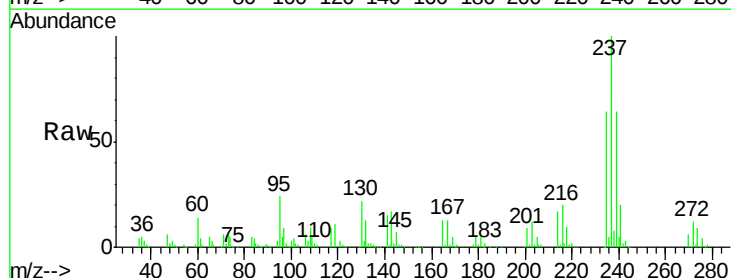
Tgt Ion:237 Resp: 264772

Ion Ratio Lower Upper

237 100

235 63.6 43.1 83.1

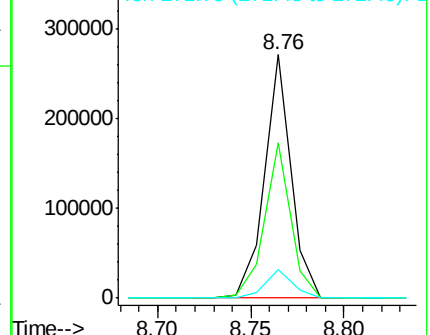
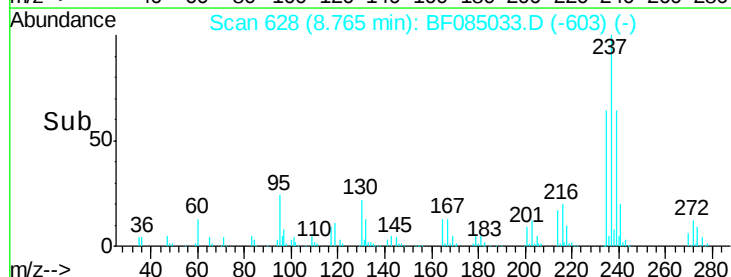
272 11.9 0.0 35.1



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

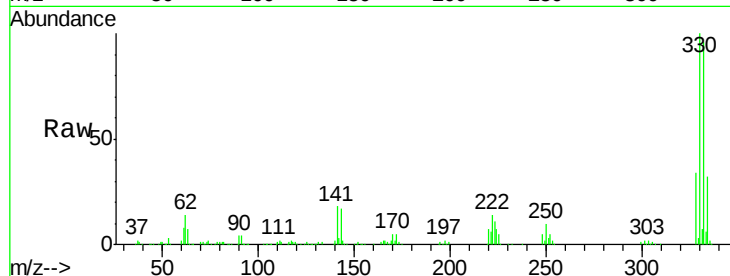




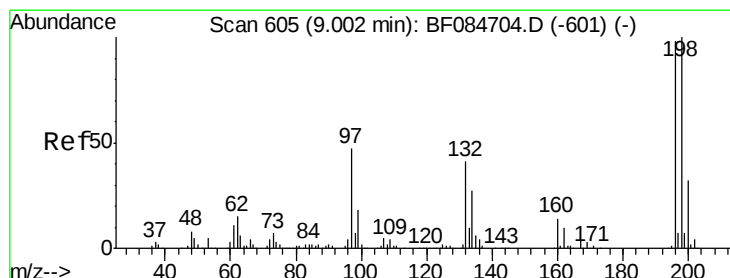
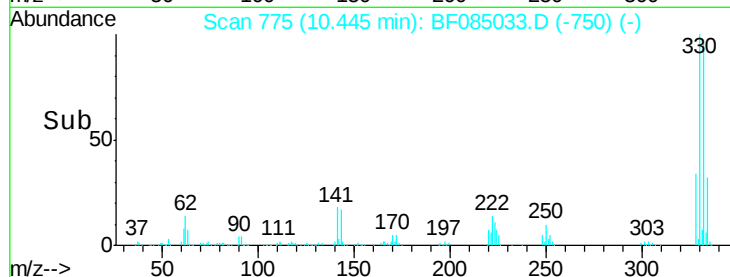
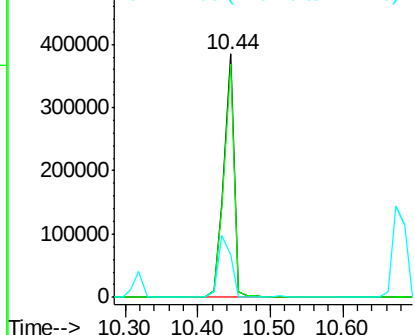
#41
 2,4,6-Tribromophenol
 Concen: 136.63 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88306BS

Tgt Ion:330 Resp: 387068
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 31.6 27.8 41.6

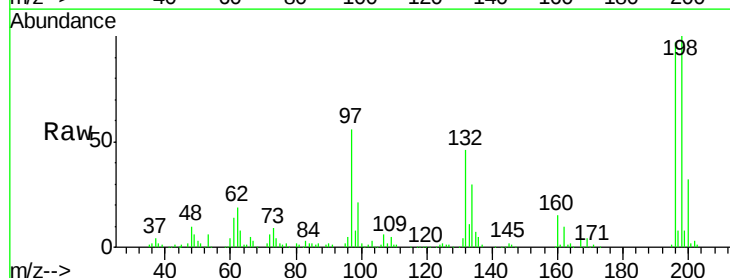


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

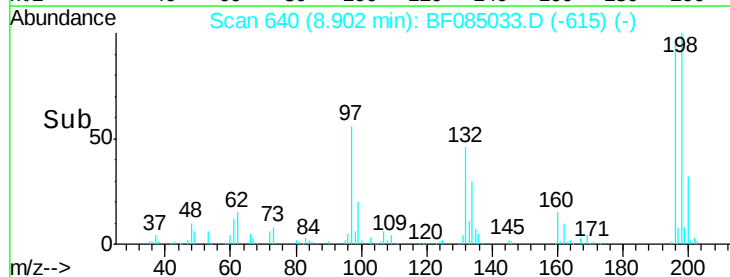
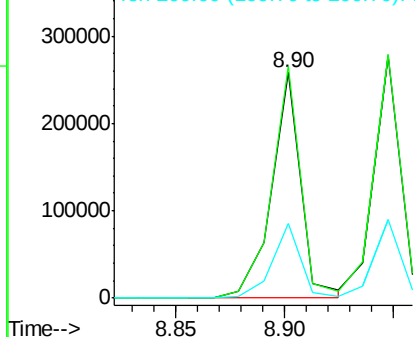


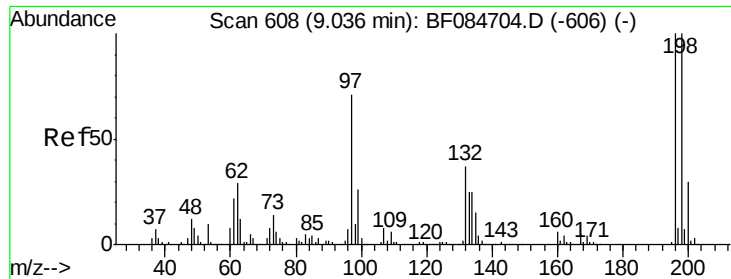
#42
 2,4,6-Trichlorophenol
 Concen: 43.80 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Tgt Ion:196 Resp: 243399
 Ion Ratio Lower Upper
 196 100
 198 102.7 77.7 116.5
 200 32.9 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

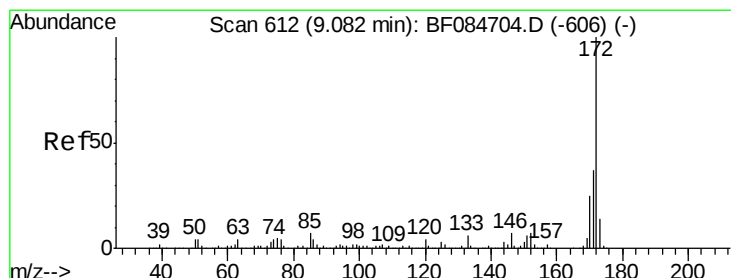
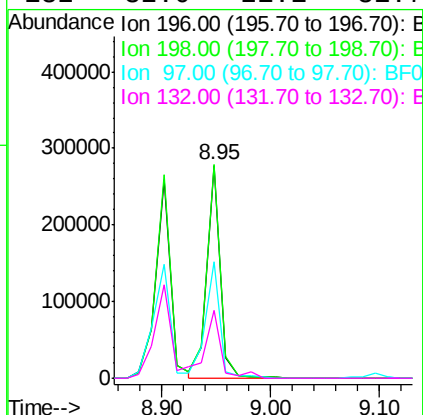
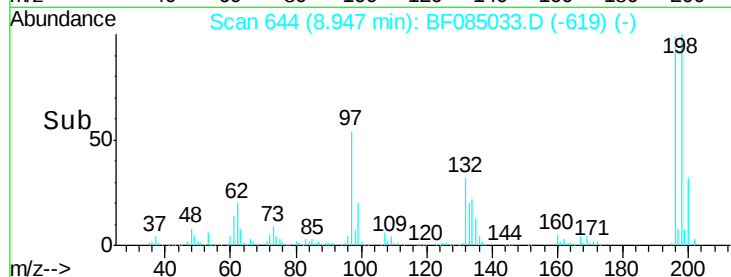
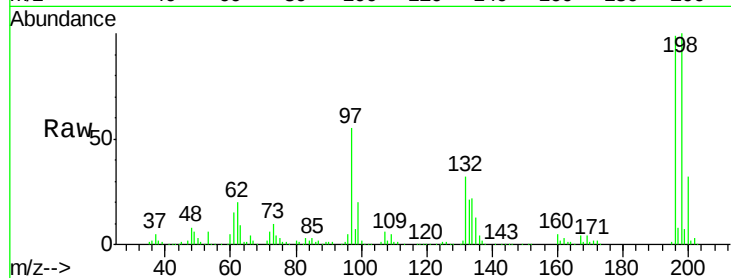




#43
 2,4,5-Trichlorophenol
 Concen: 42.78 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

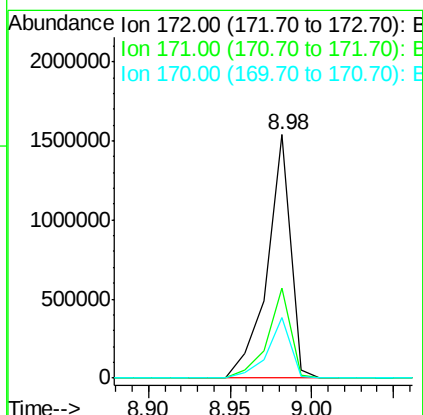
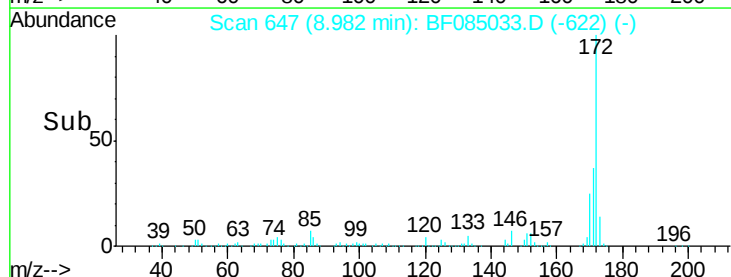
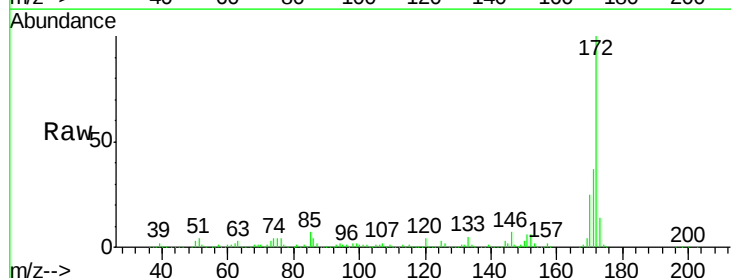
Instrument :
 BNA_F
 ClientSampleId :
 PB88306BS

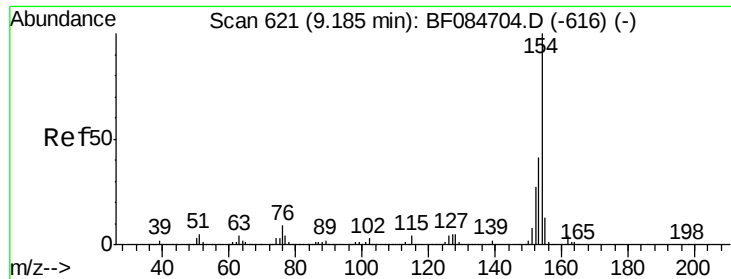
Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	79.0	118.6
97	54.9	33.0	49.6
132	32.0	21.1	31.7



#44
 2-Fluorobiphenyl
 Concen: 102.37 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.8	18.6	27.8





#45

1,1'-Biphenyl

Concen: 40.02 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

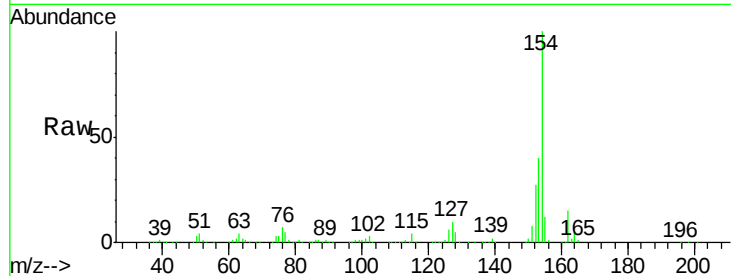
Tgt Ion:154 Resp: 970808

Ion Ratio Lower Upper

154 100

153 39.8 21.6 61.6

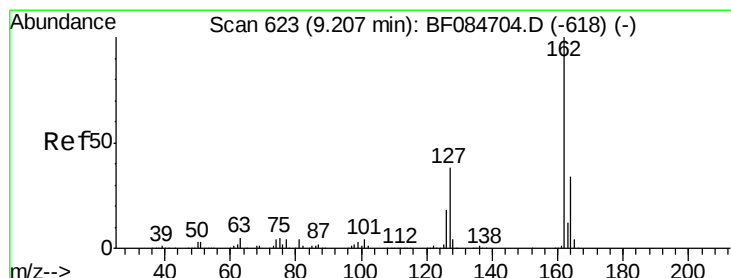
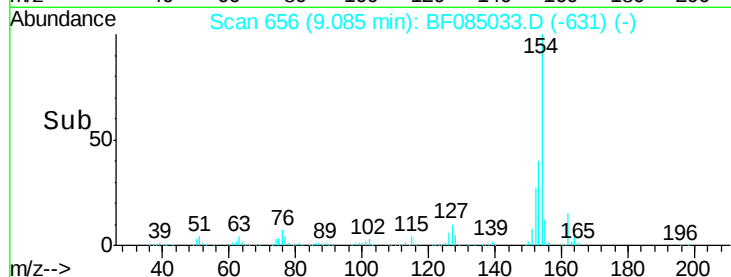
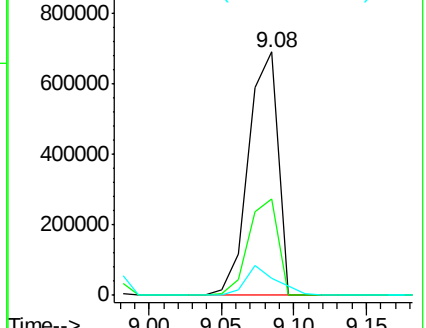
76 6.8 0.0 32.7



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: 38.86 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

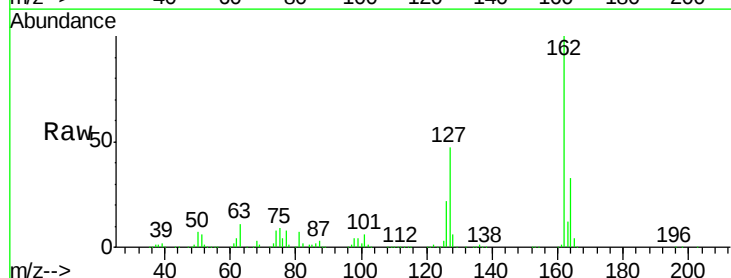
Tgt Ion:162 Resp: 694250

Ion Ratio Lower Upper

162 100

127 47.0 40.2 60.4

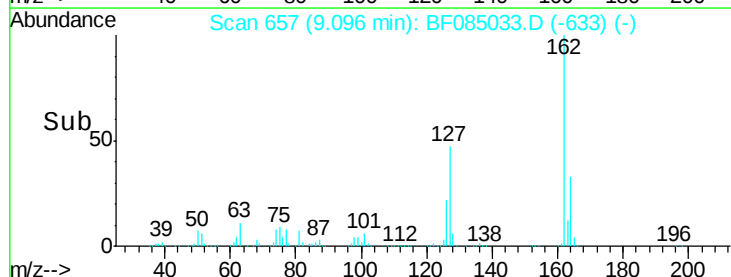
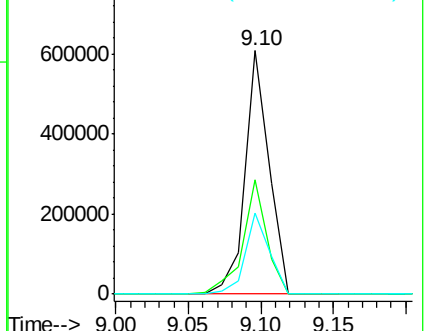
164 33.5 25.7 38.5

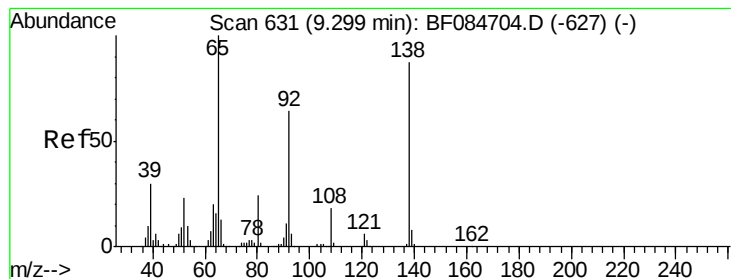


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

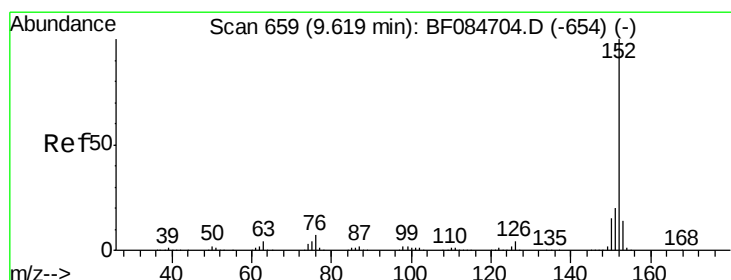
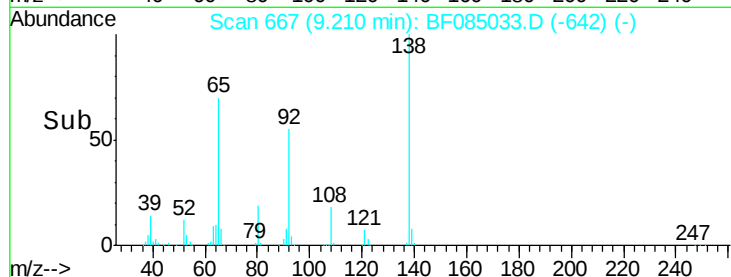
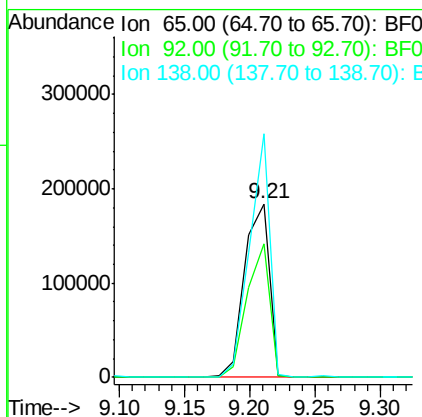
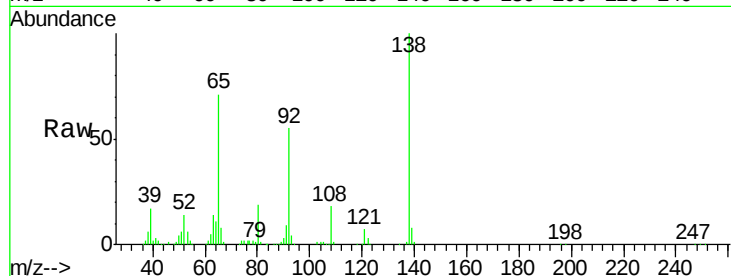




#47
2-Nitroaniline
Concen: 43.39 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

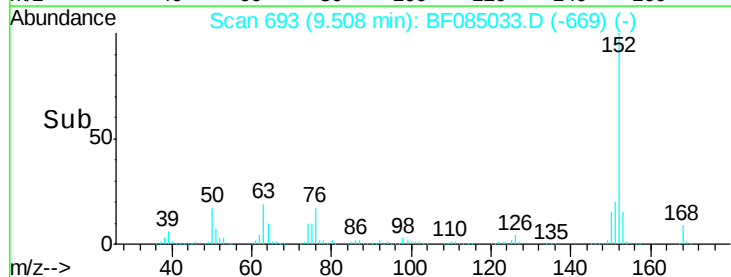
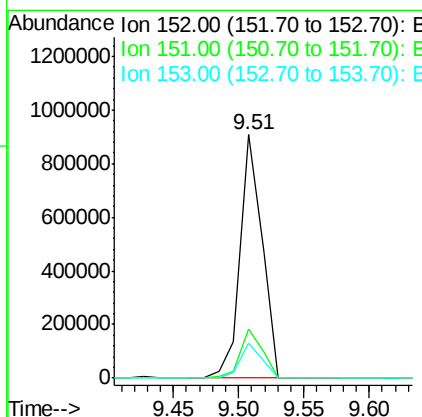
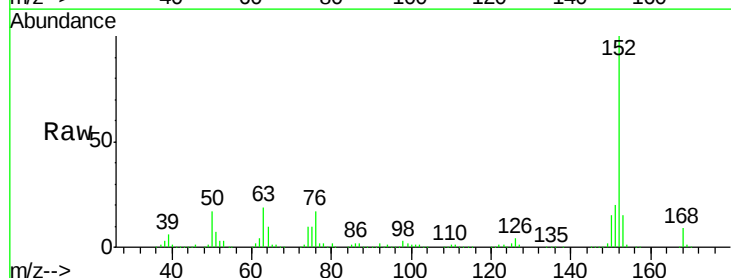
Instrument :
BNA_F
ClientSampleId :
PB88306BS

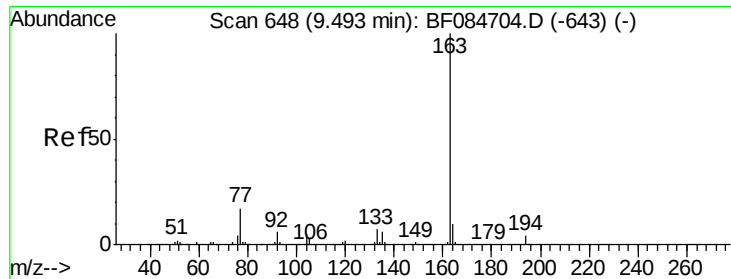
Tgt Ion: 65 Resp: 245424
Ion Ratio Lower Upper
65 100
92 76.7 53.4 80.2
138 140.3 71.1 106.7#



#48
Acenaphthylene
Concen: 38.91 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion: 152 Resp: 1054930
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.6 10.4 15.6





#49

Dimethylphthalate

Concen: 42.21 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

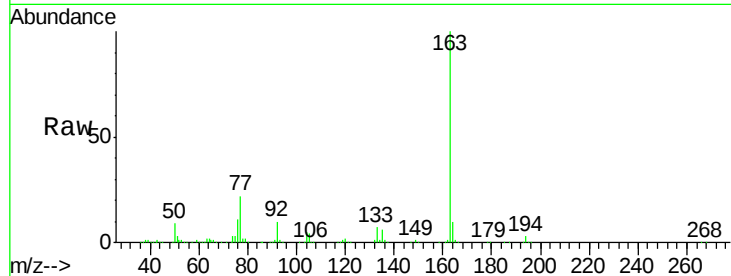
Tgt Ion:163 Resp: 873088

Ion Ratio Lower Upper

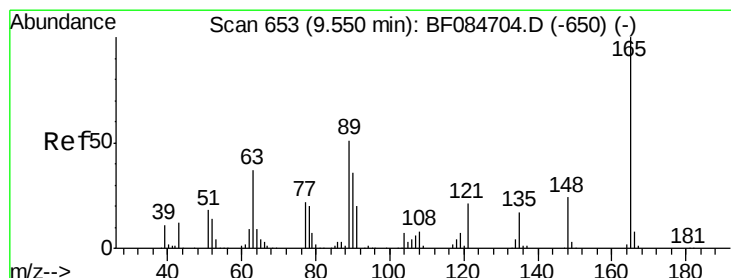
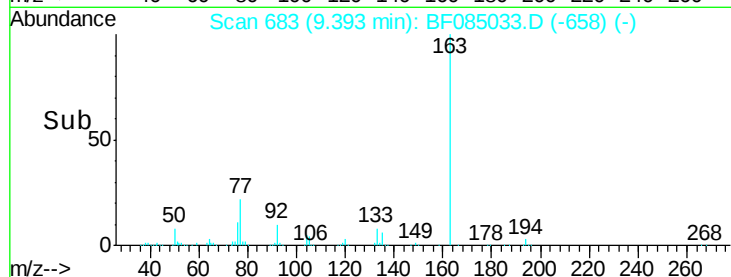
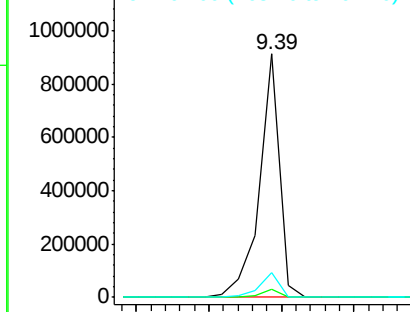
163 100

194 3.3 8.0 12.0#

164 10.2 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: 40.05 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

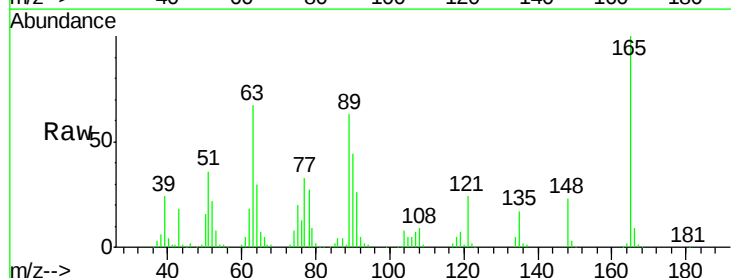
Tgt Ion:165 Resp: 180968

Ion Ratio Lower Upper

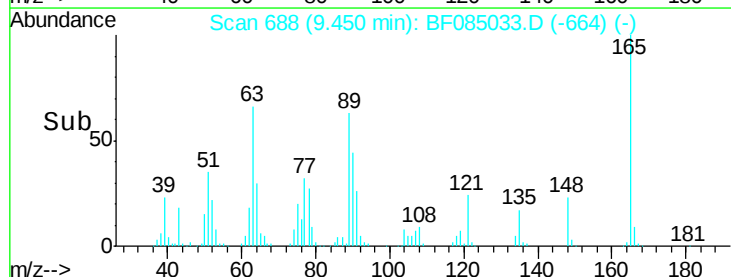
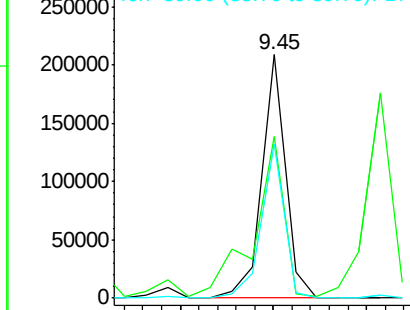
165 100

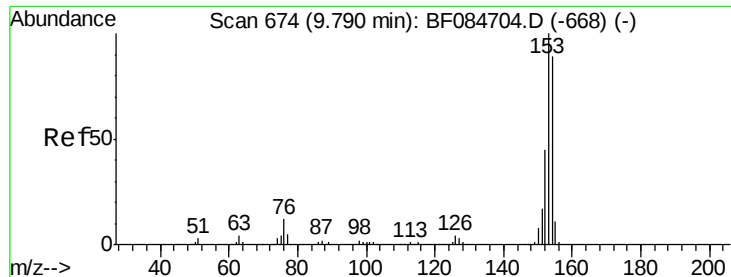
63 66.5 28.8 43.2#

89 63.2 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: 38.27 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

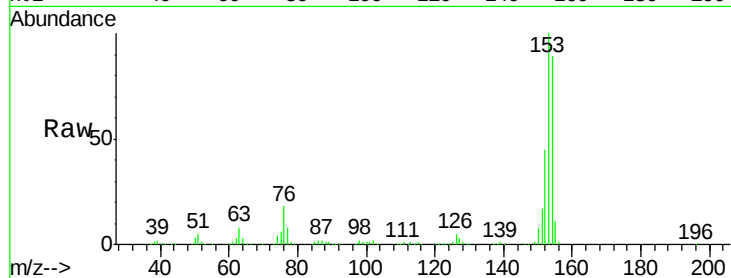
Tgt Ion:154 Resp: 674967

Ion Ratio Lower Upper

154 100

153 112.2 91.5 137.3

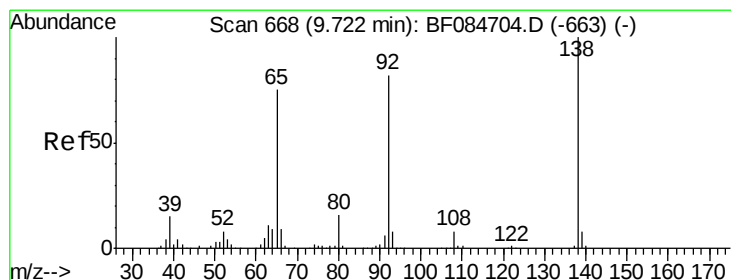
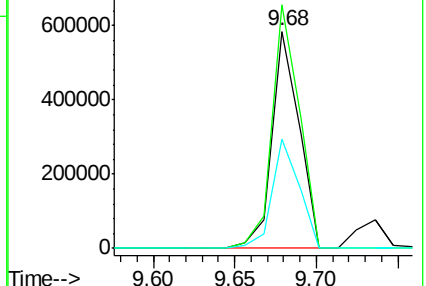
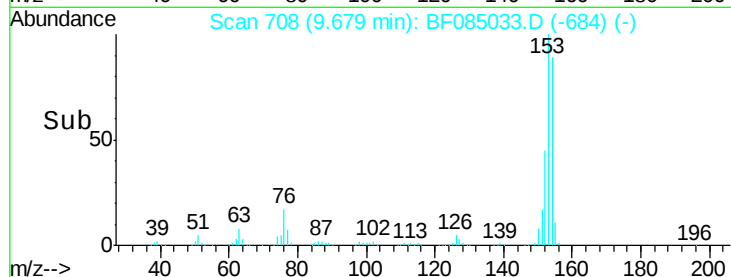
152 50.1 43.0 64.6



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: 31.44 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

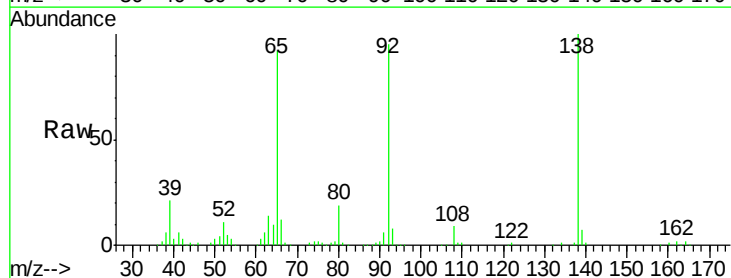
Tgt Ion:138 Resp: 159635

Ion Ratio Lower Upper

138 100

108 9.3 10.5 15.7#

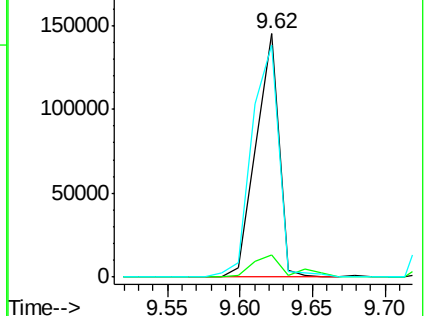
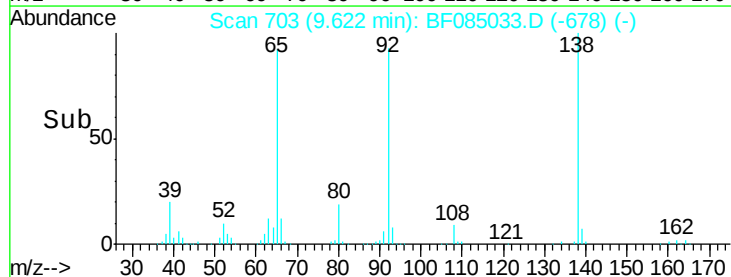
92 95.1 103.9 155.9#

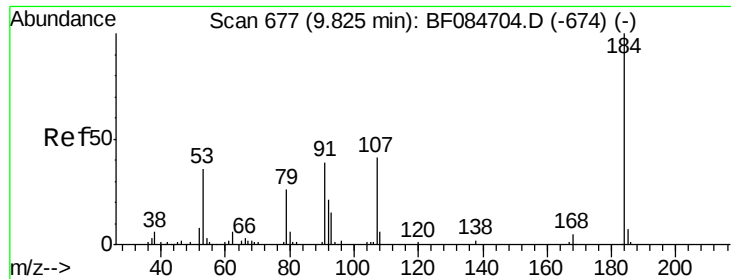


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

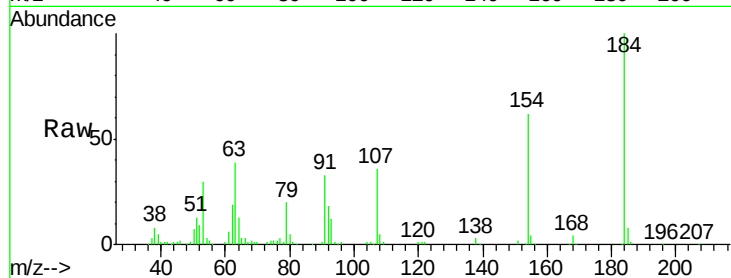




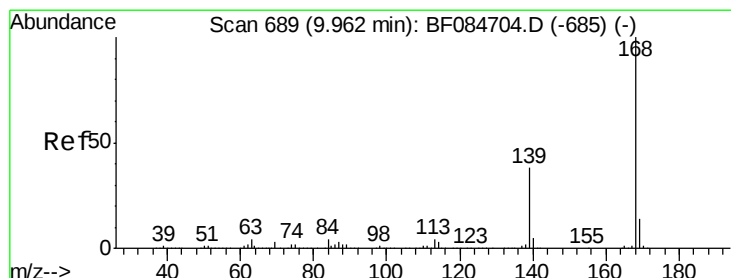
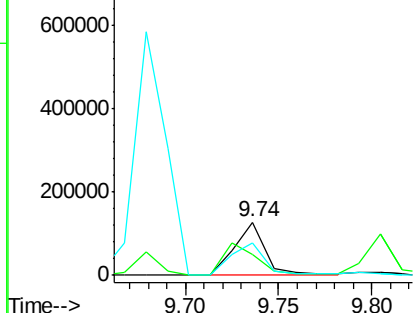
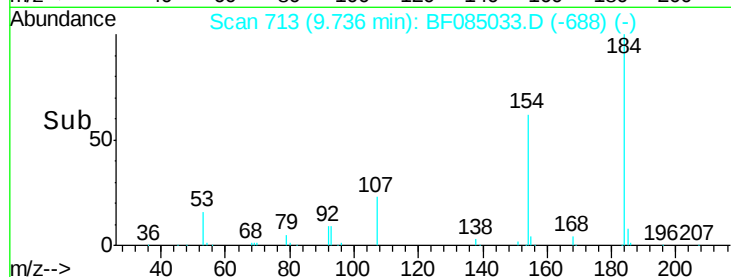
#53
2,4-Dinitrophenol
Concen: 72.21 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB88306BS

Tgt Ion:184 Resp: 149347
Ion Ratio Lower Upper
184 100
63 39.4 43.1 64.7#
154 61.9 60.5 90.7

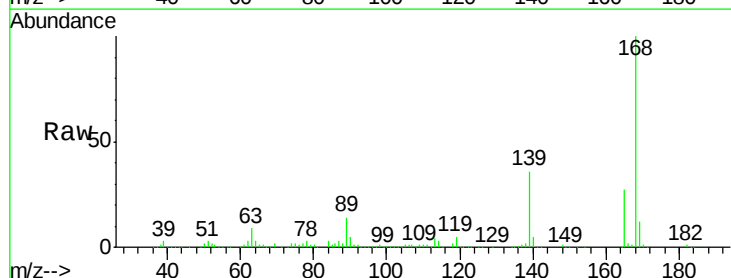


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

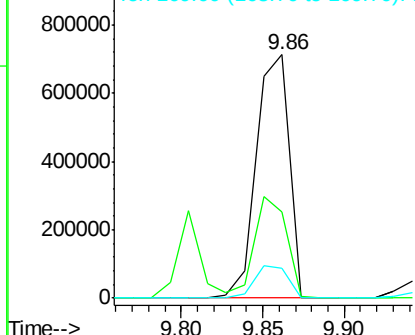
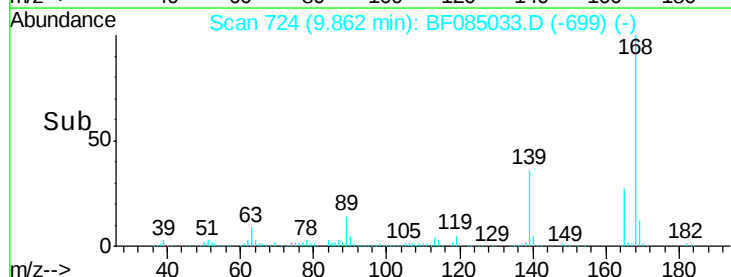


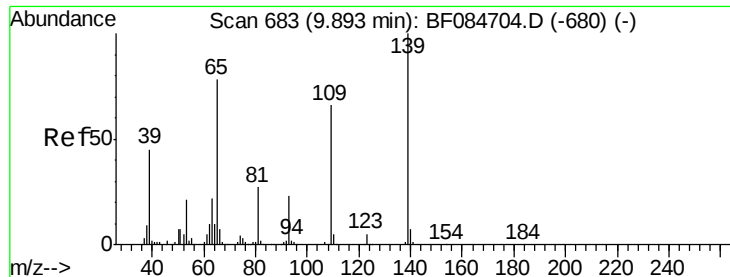
#54
Dibenzofuran
Concen: 46.33 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion:168 Resp: 998626
Ion Ratio Lower Upper
168 100
139 35.6 30.5 45.7
169 12.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

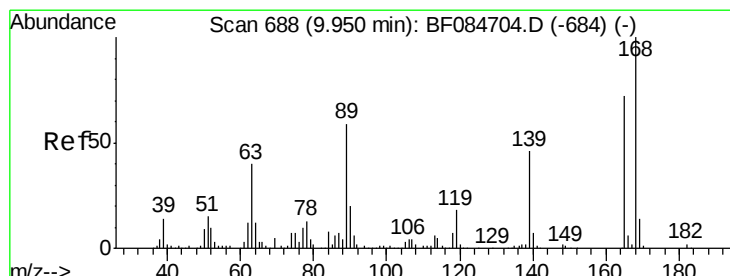
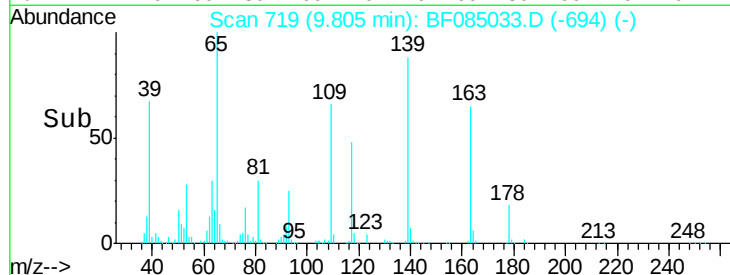
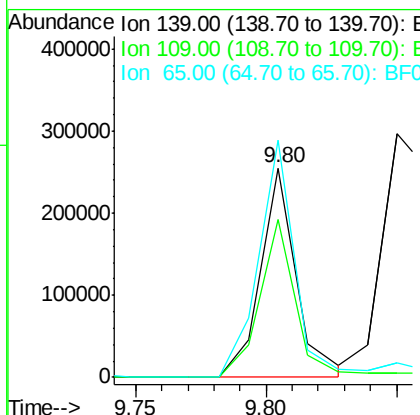
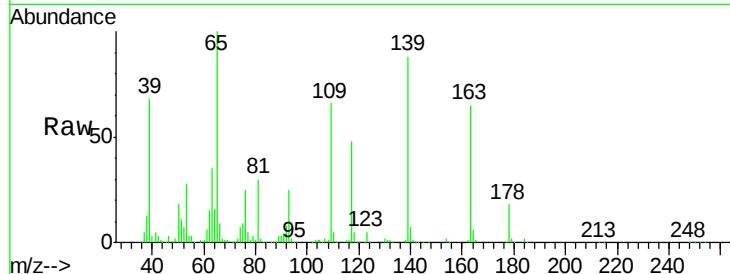




#55
4-Nitrophenol
Concen: 65.45 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

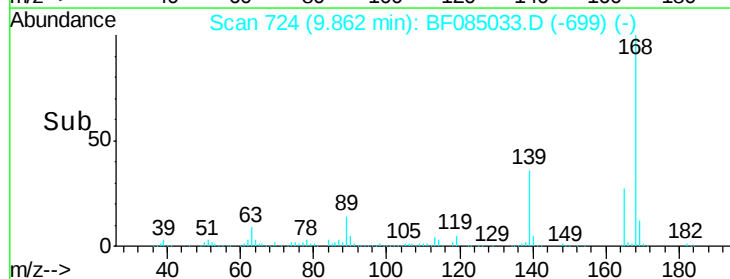
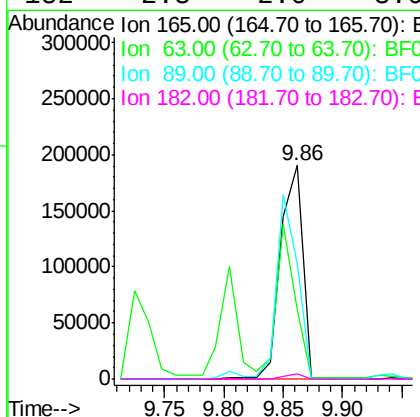
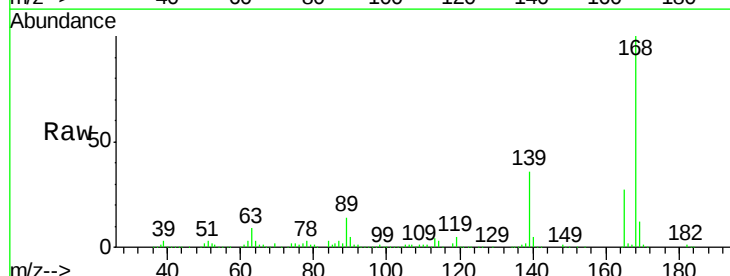
Instrument :
BNA_F
ClientSampleId :
PB88306BS

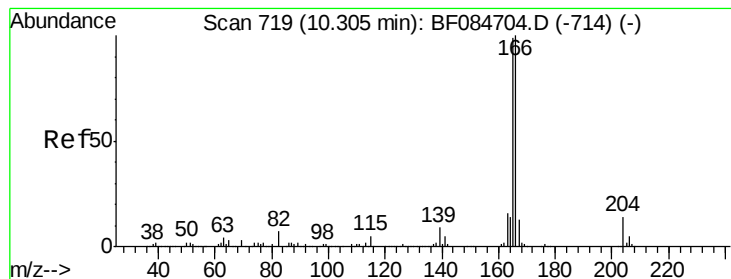
Tgt Ion:139 Resp: 244277
Ion Ratio Lower Upper
139 100
109 75.4 58.5 98.5
65 113.5 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 42.26 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion:165 Resp: 243605
Ion Ratio Lower Upper
165 100
63 32.2 36.7 55.1#
89 53.7 61.9 92.9#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 40.60 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

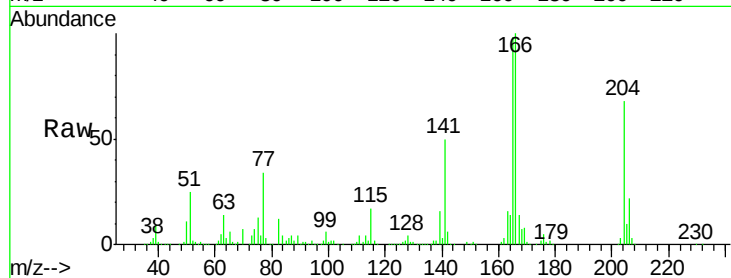
Tgt Ion:166 Resp: 730913

Ion Ratio Lower Upper

166 100

165 98.1 79.1 118.7

167 13.9 10.4 15.6

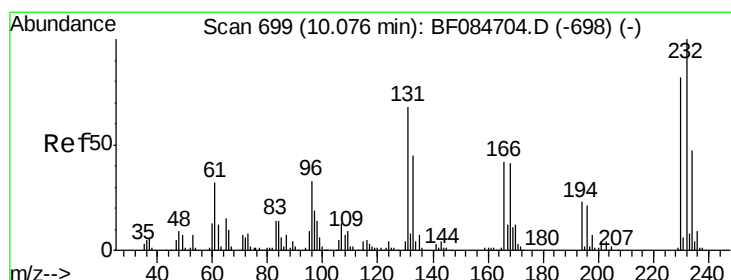
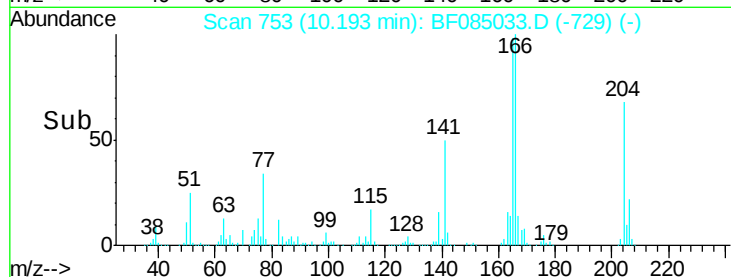
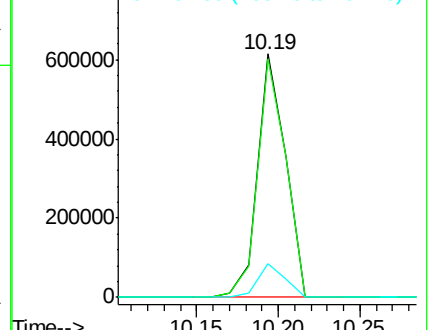


Abundance

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: 45.33 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Tgt Ion:232 Resp: 194860

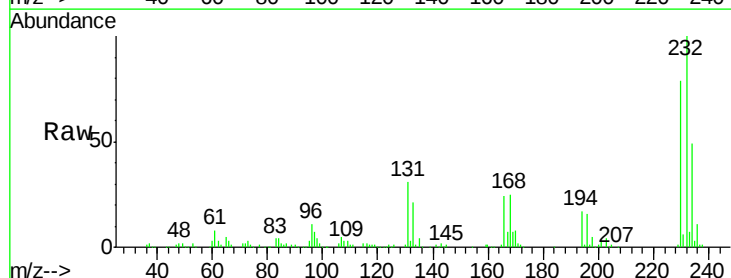
Ion Ratio Lower Upper

232 100

131 46.4 47.0 70.6#

130 2.1 2.0 3.0

166 31.4 30.5 45.7



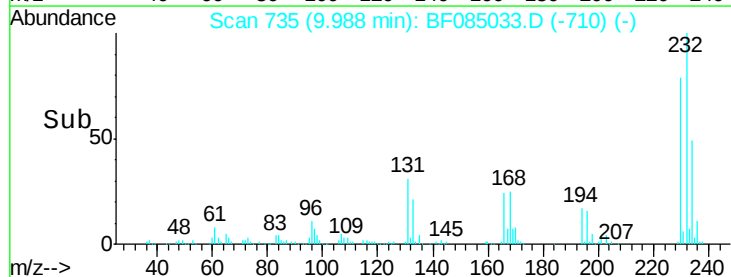
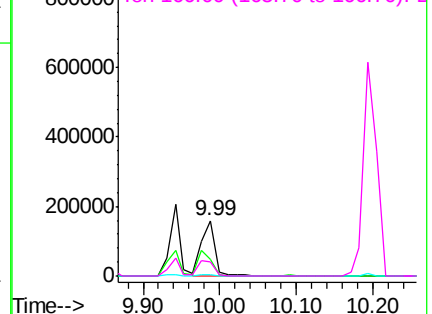
Abundance

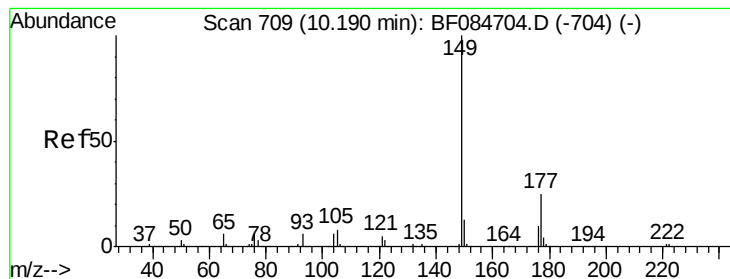
Ion 232.00 (231.70 to 232.70): E

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: 42.64 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

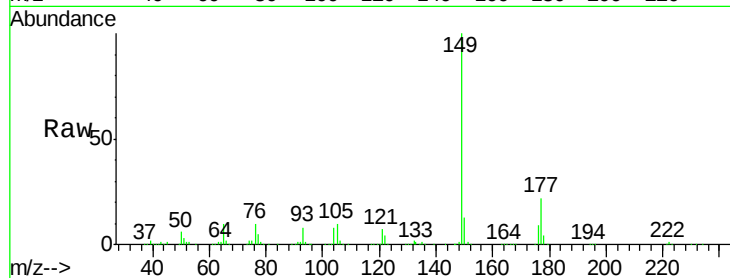
Tgt Ion:149 Resp: 861288

Ion Ratio Lower Upper

149 100

177 21.5 17.3 25.9

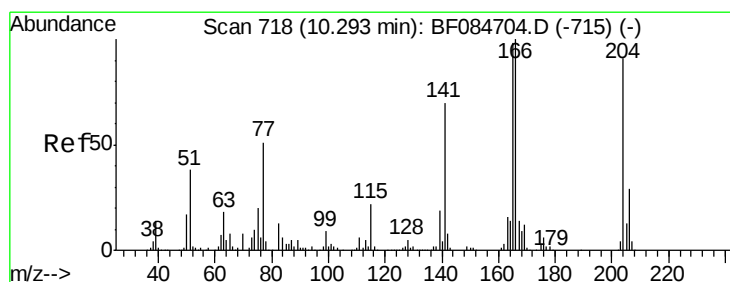
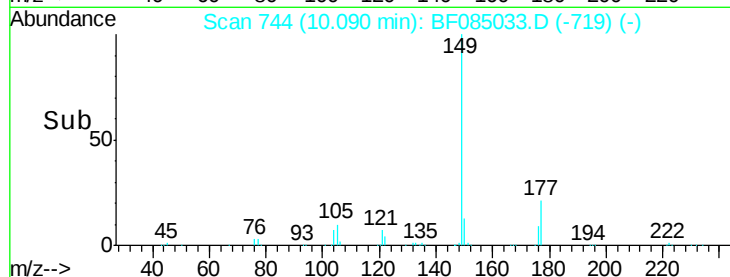
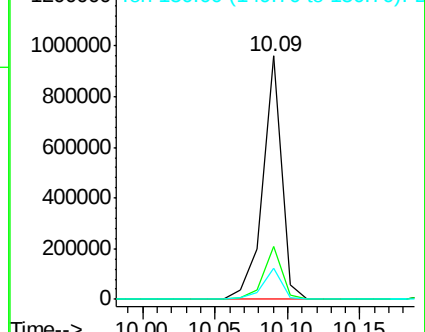
150 12.7 9.8 14.8



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: 45.75 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

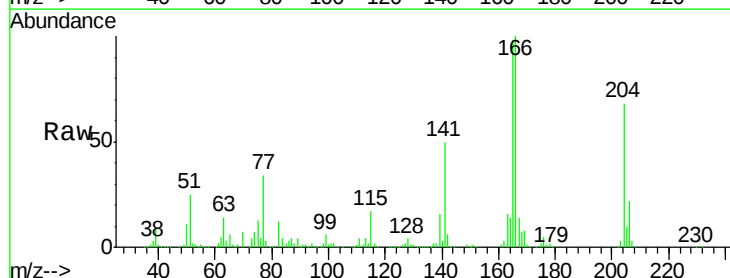
Tgt Ion:204 Resp: 345110

Ion Ratio Lower Upper

204 100

206 32.8 25.7 38.5

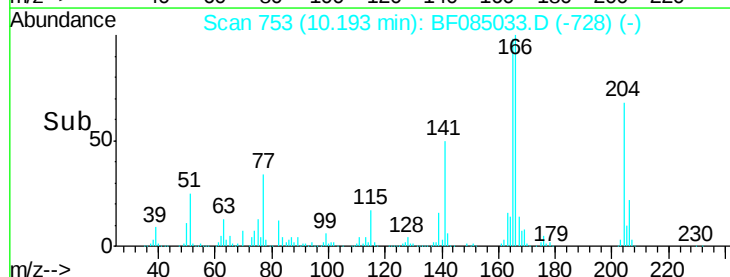
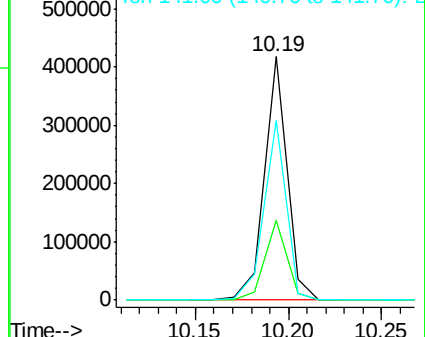
141 73.8 55.1 82.7

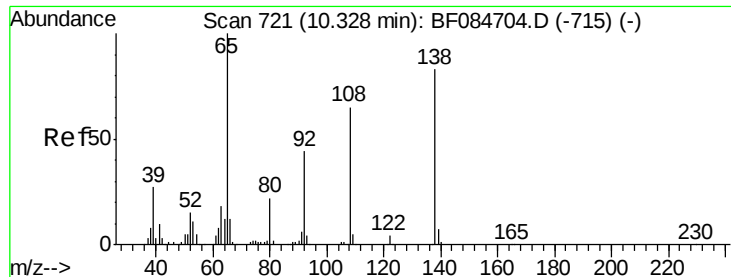


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

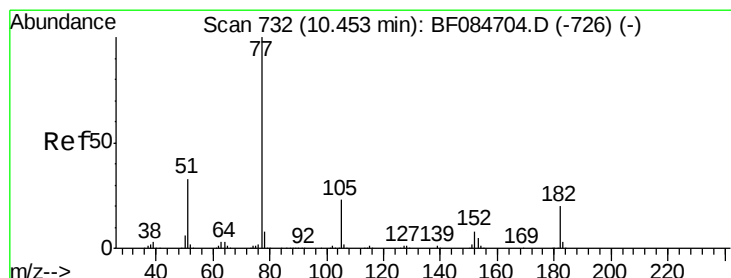
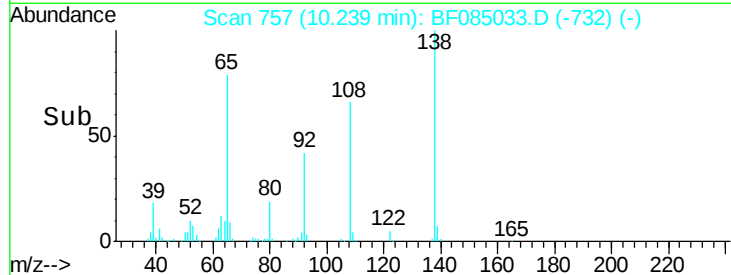
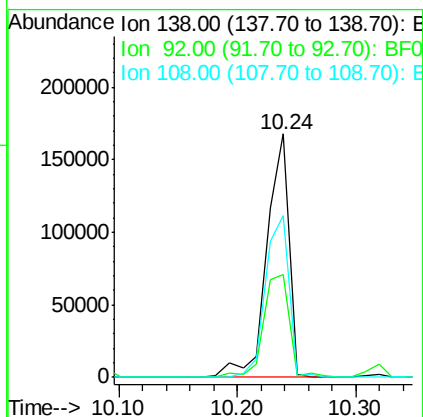
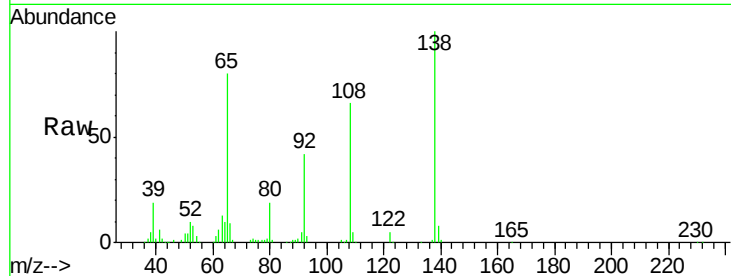




#61
4-Nitroaniline
Concen: 44.33 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

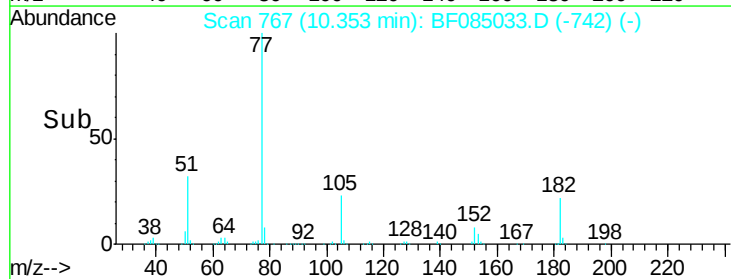
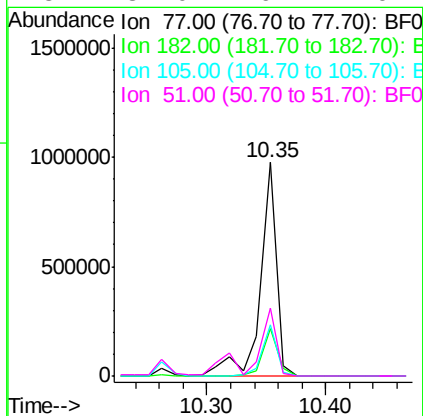
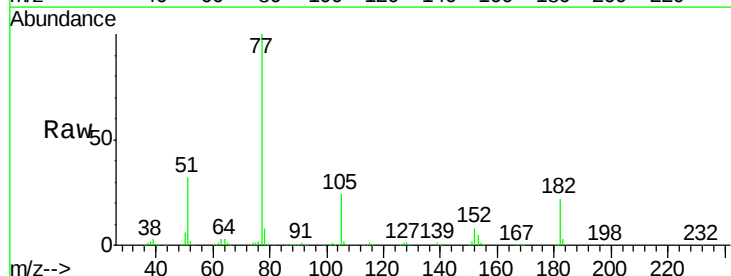
Instrument :
BNA_F
ClientSampleId :
PB88306BS

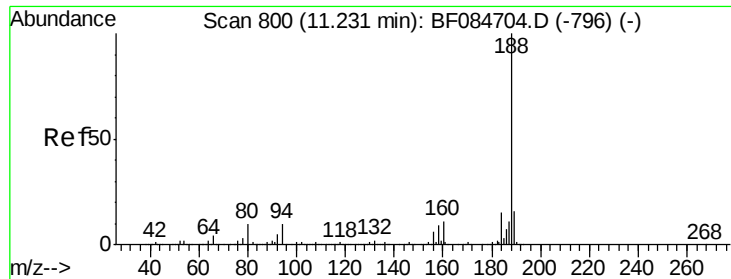
Tgt Ion: 138 Resp: 219380
Ion Ratio Lower Upper
138 100
92 42.2 32.6 72.6
108 66.4 68.6 108.6#



#62
Azobenzene
Concen: 47.89 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion: 77 Resp: 930113
Ion Ratio Lower Upper
77 100
182 22.2 8.3 48.3
105 23.8 4.6 44.6
51 32.0 6.2 46.2

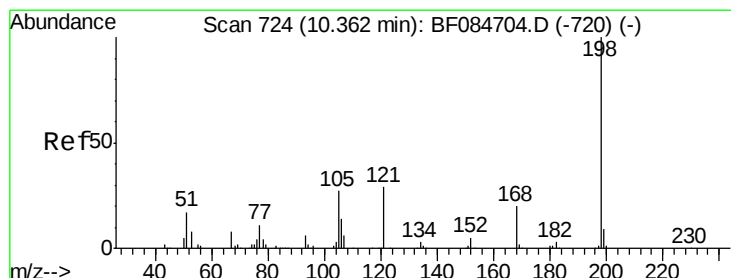
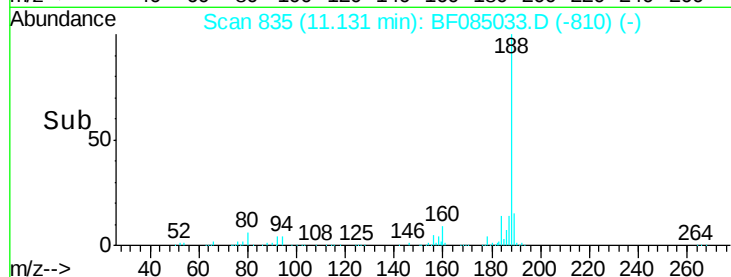
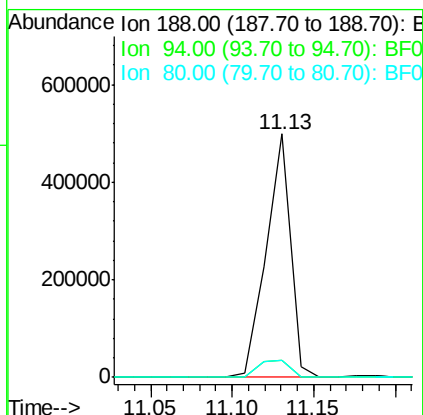
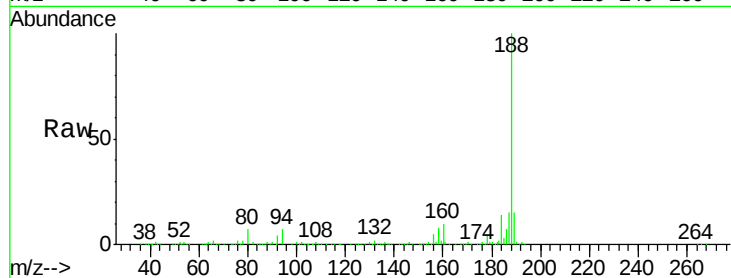




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

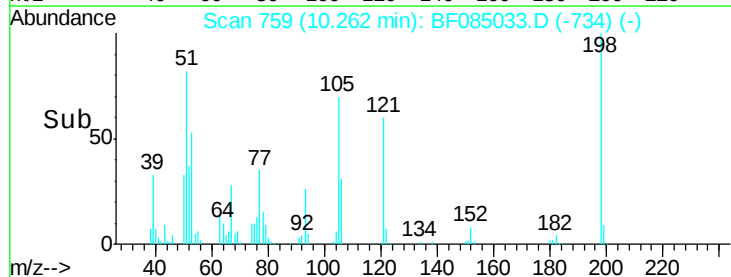
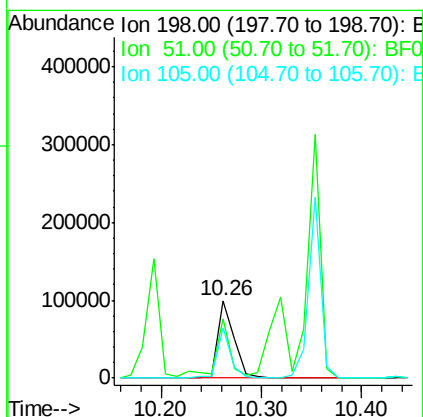
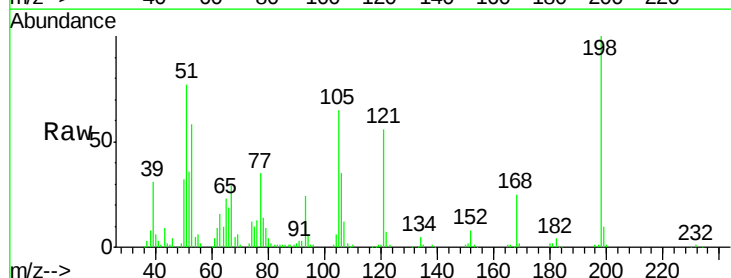
Instrument :
BNA_F
ClientSampleId :
PB88306BS

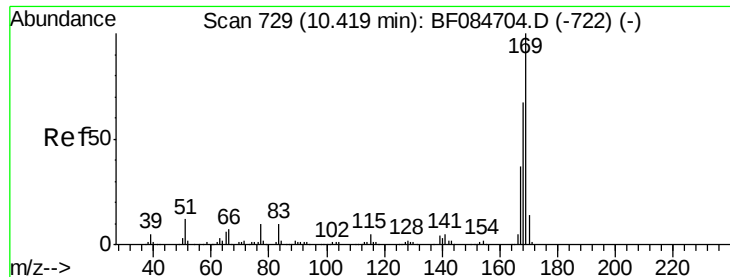
Tgt Ion:188 Resp: 520178
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.4#
80 6.8 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.73 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion:198 Resp: 111514
Ion Ratio Lower Upper
198 100
51 76.5 18.9 58.9#
105 64.9 26.4 66.4

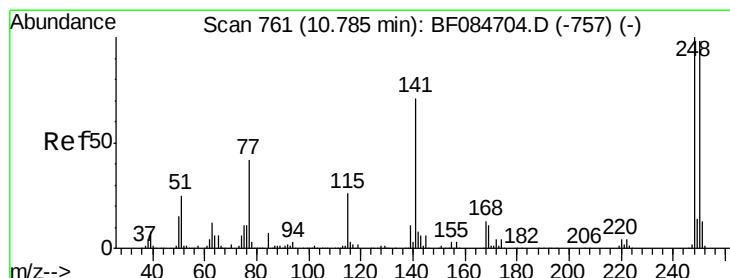
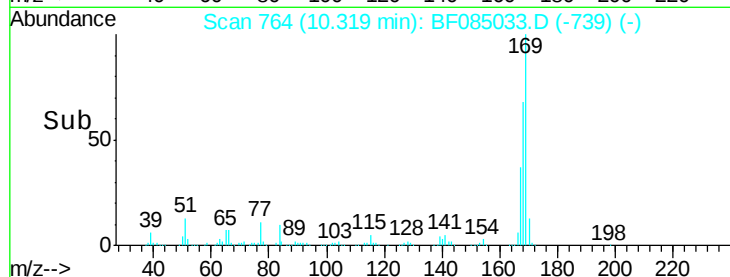
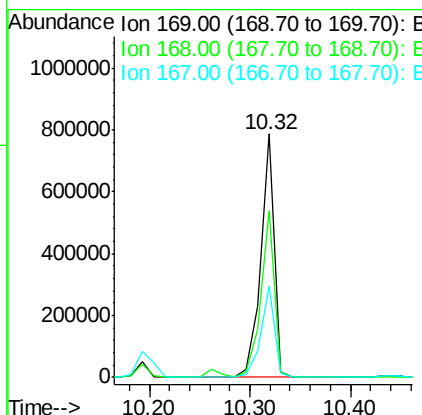
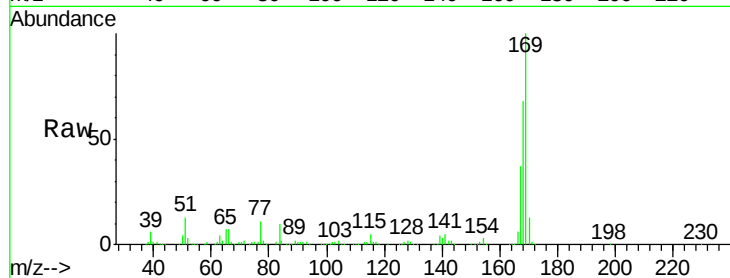




#65
 n-Nitrosodiphenylamine
 Concen: 44.45 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

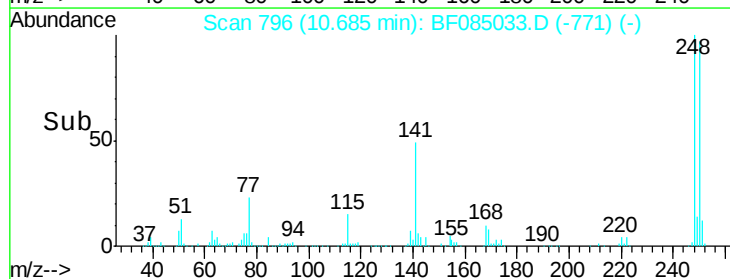
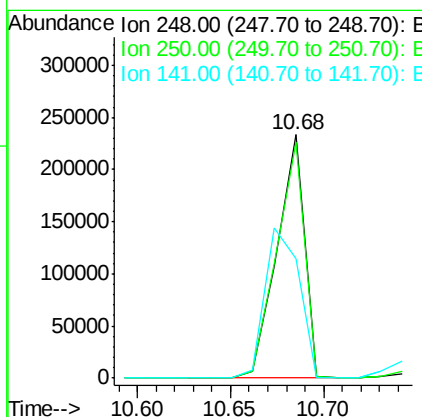
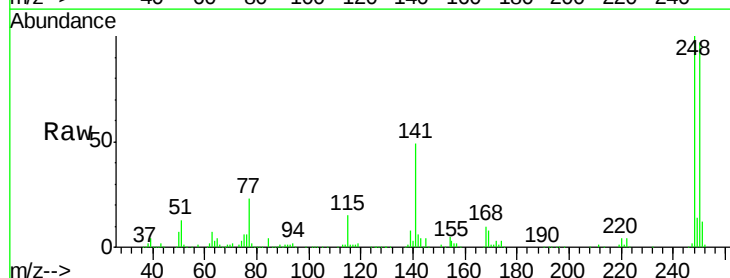
Instrument :
 BNA_F
 ClientSampleId :
 PB88306BS

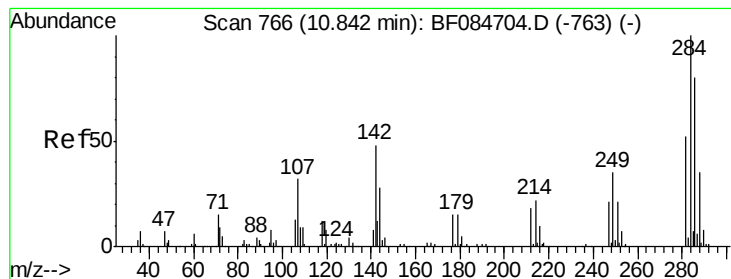
Tgt Ion:169 Resp: 734204
 Ion Ratio Lower Upper
 169 100
 168 68.4 55.1 82.7
 167 37.4 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 41.72 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Tgt Ion:248 Resp: 239717
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.4 117.6
 141 49.0 44.0 66.0





#67

Hexachlorobenzene

Concen: 40.01 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

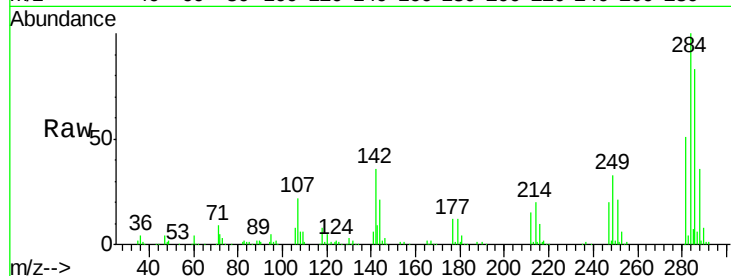
Tgt Ion:284 Resp: 250447

Ion Ratio Lower Upper

284 100

142 35.8 22.2 33.4#

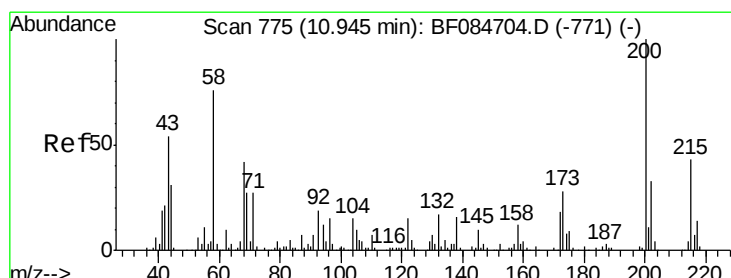
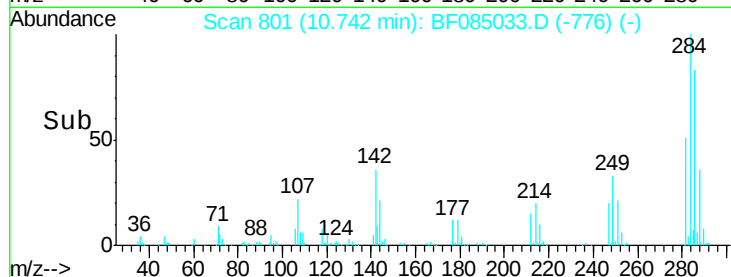
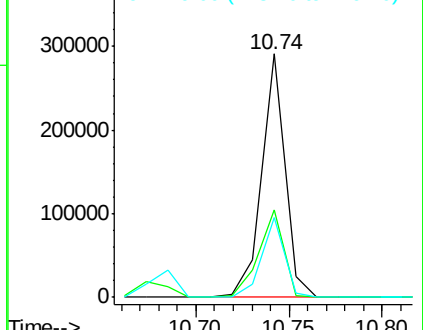
249 32.9 24.6 37.0



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: 49.55 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

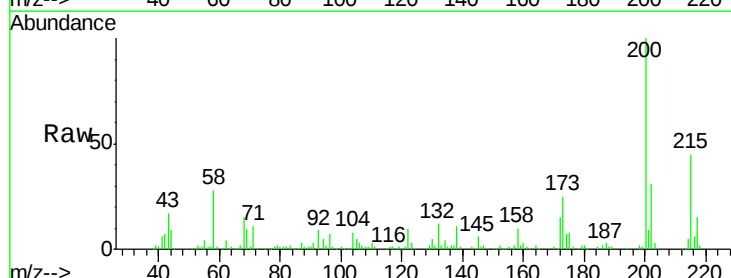
Tgt Ion:200 Resp: 258477

Ion Ratio Lower Upper

200 100

173 24.7 9.5 49.5

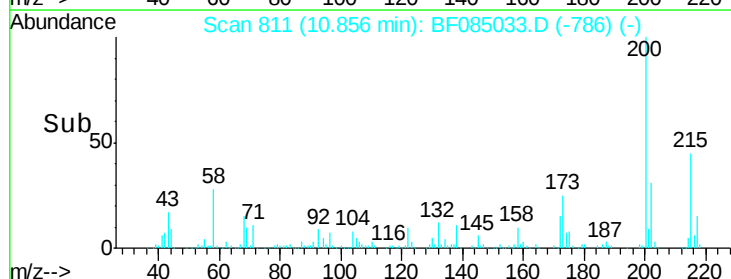
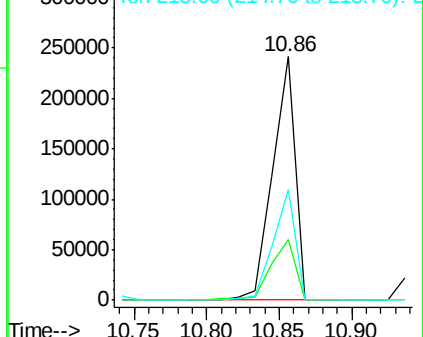
215 45.2 23.8 63.8

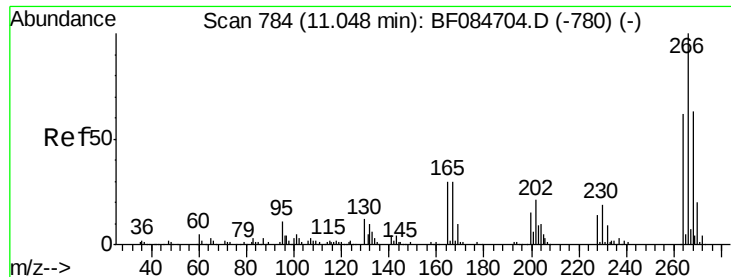


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

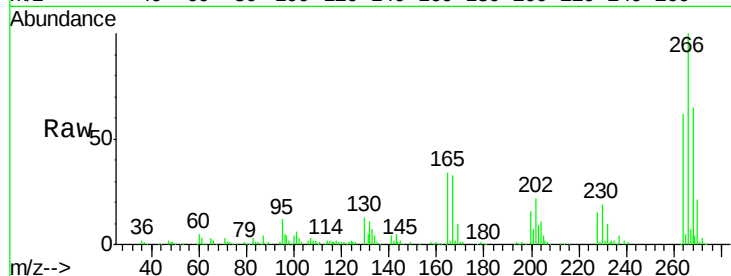




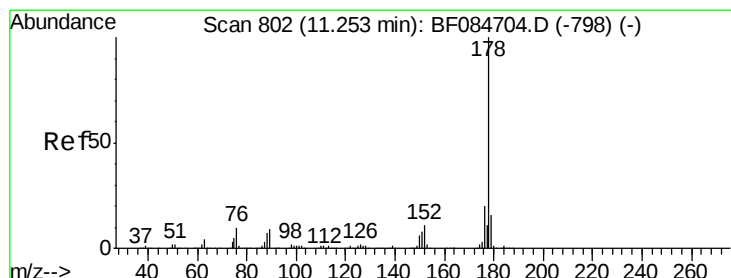
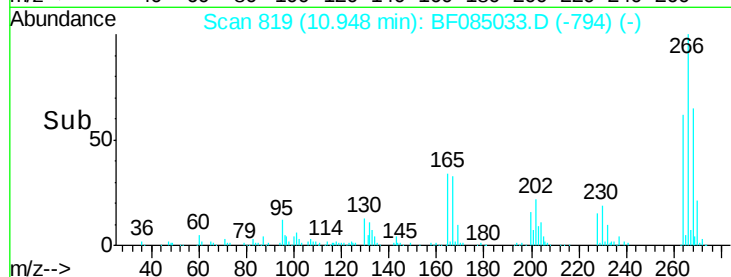
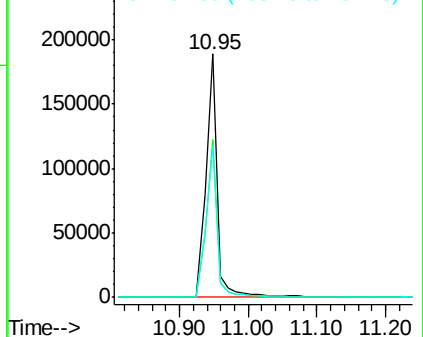
#69
 Pentachlorophenol
 Concen: 73.06 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88306BS

Tgt Ion:266 Resp: 214965
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.4 78.6
 264 62.4 50.2 75.2

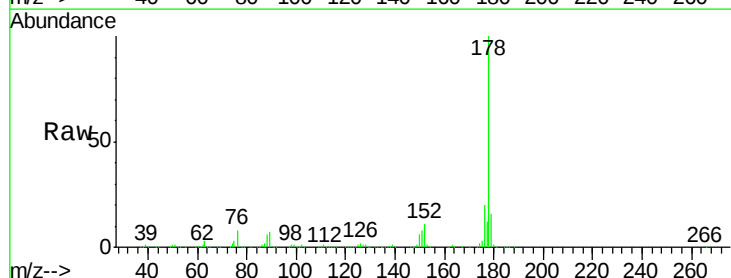


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

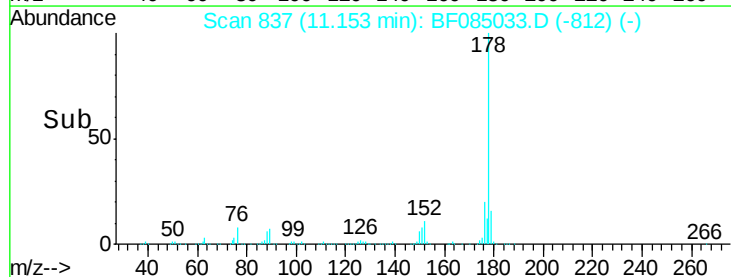
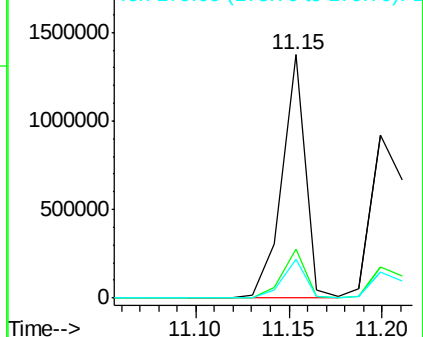


#70
 Phenanthrene
 Concen: 41.65 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Tgt Ion:178 Resp: 1201550
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.1 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

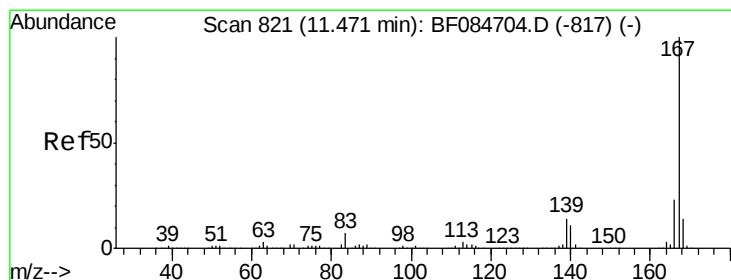
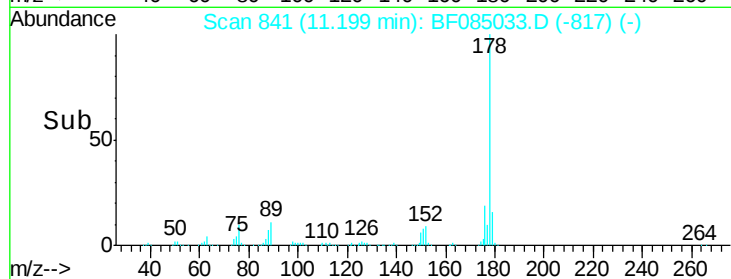
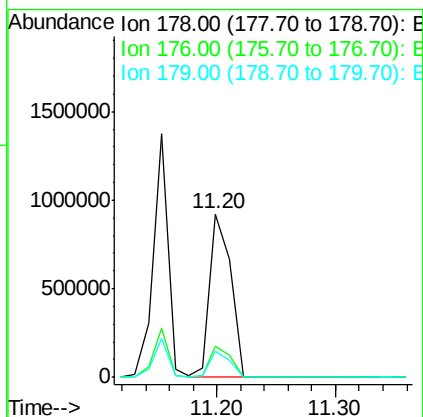
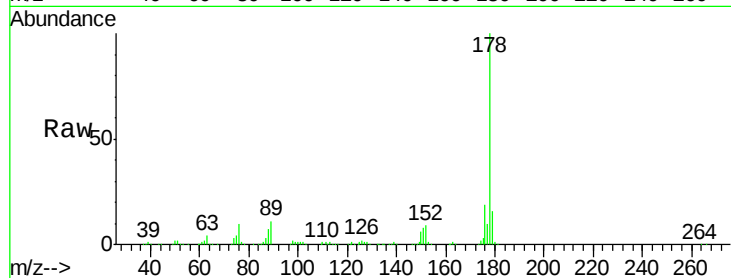




#71
 Anthracene
 Concen: 39.07 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

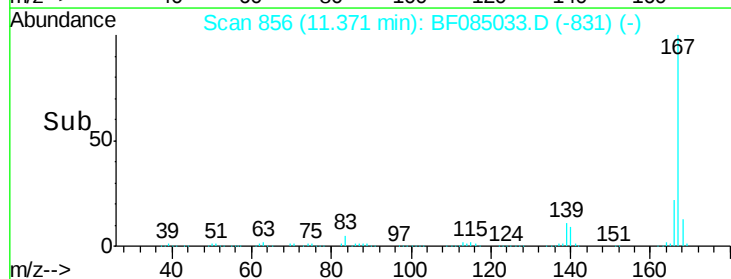
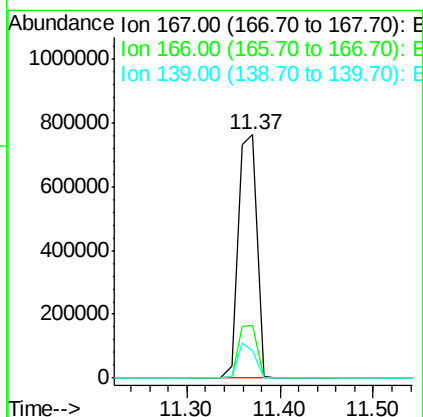
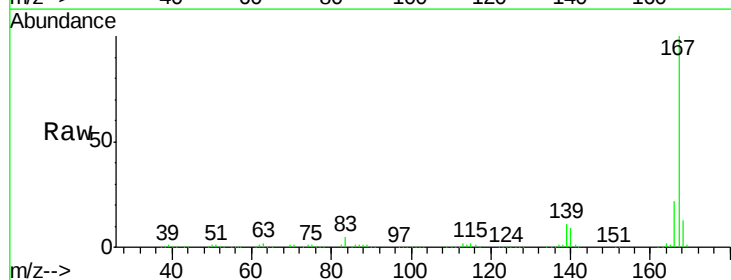
Instrument :
 BNA_F
 ClientSampleId :
 PB88306BS

Tgt Ion:178 Resp: 1135816
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 41.83 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Tgt Ion:167 Resp: 1060334
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 11.5 11.8 17.8#





#73

Di-n-butylphthalate

Concen: 36.73 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

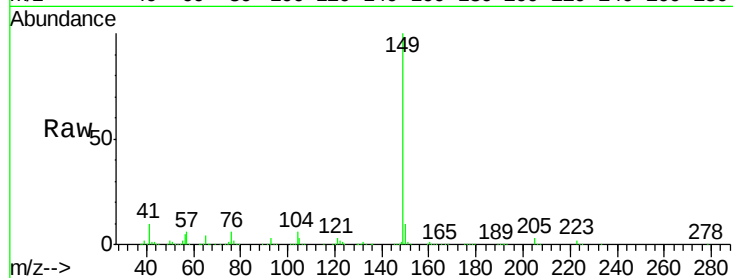
Tgt Ion:149 Resp: 1185350

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

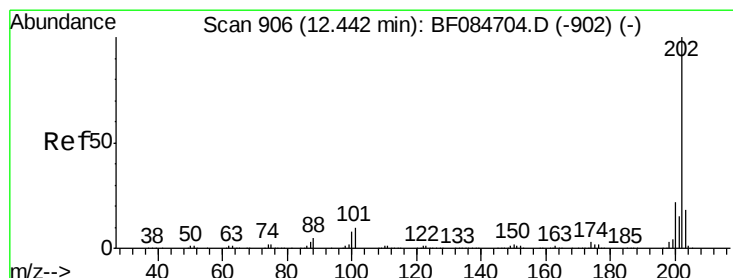
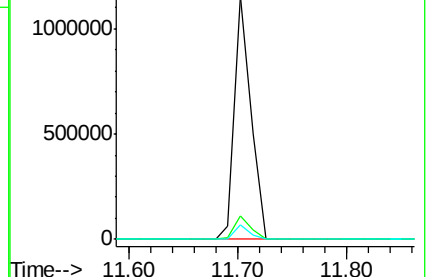
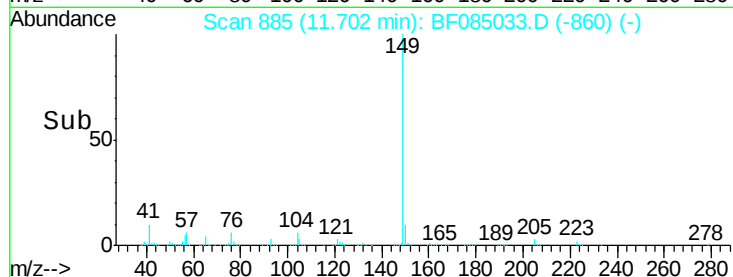
104 5.8 3.2 4.8#



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: 36.96 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

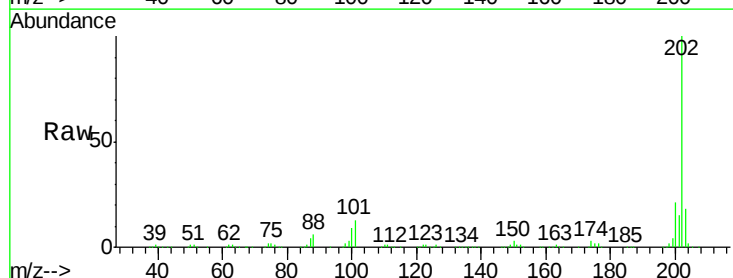
Tgt Ion:202 Resp: 1079232

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

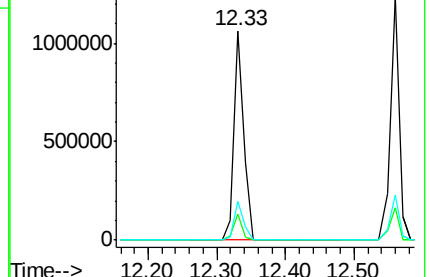
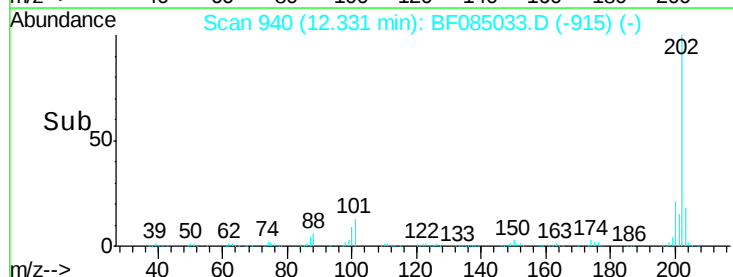
203 18.4 0.0 37.9

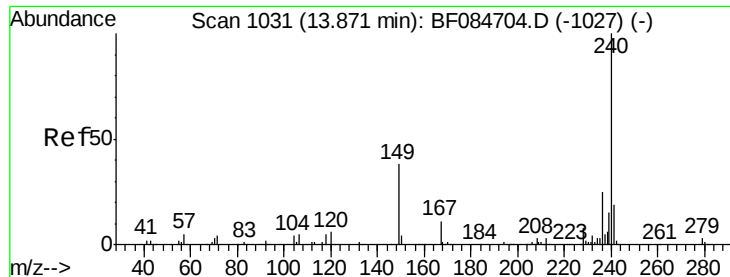


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

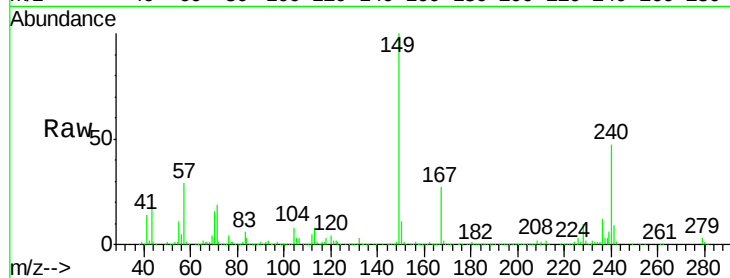
Tgt Ion:240 Resp: 331301

Ion Ratio Lower Upper

240 100

120 7.8 9.5 14.3#

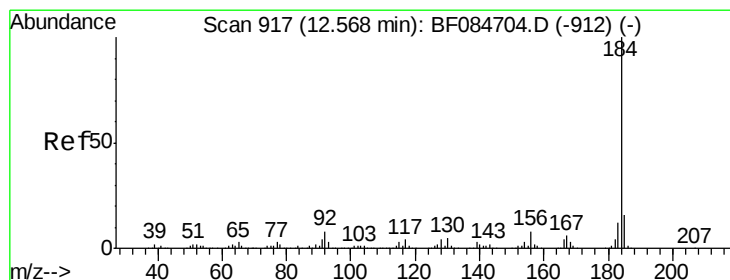
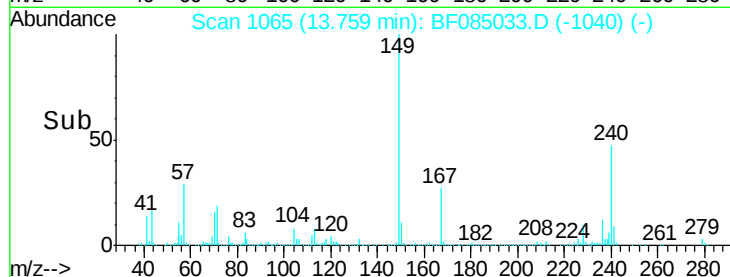
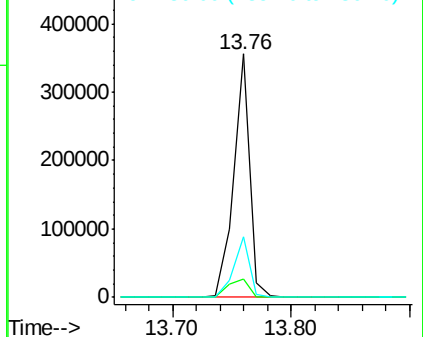
236 24.9 20.6 31.0



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: 44.42 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

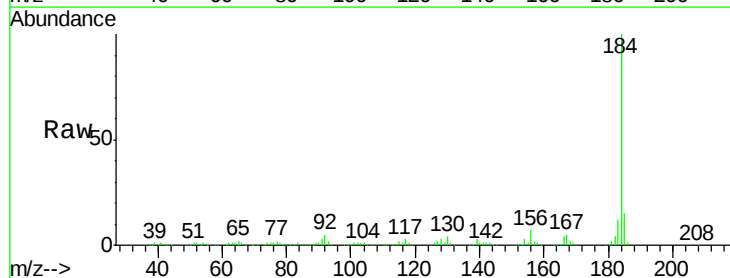
Tgt Ion:184 Resp: 509952

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

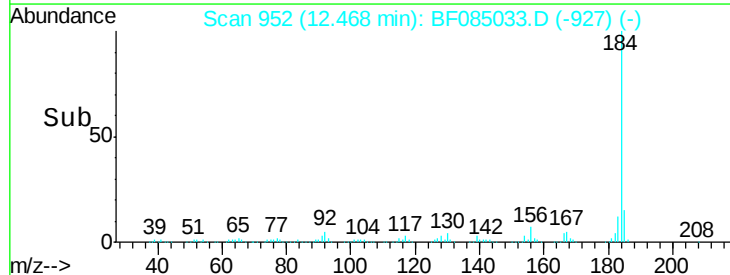
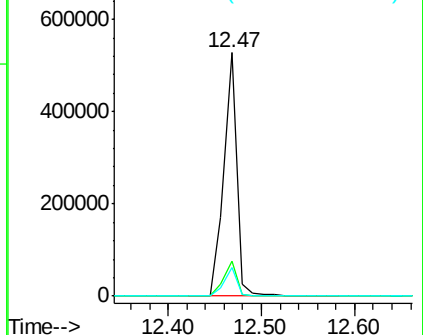
183 11.7 9.8 14.8

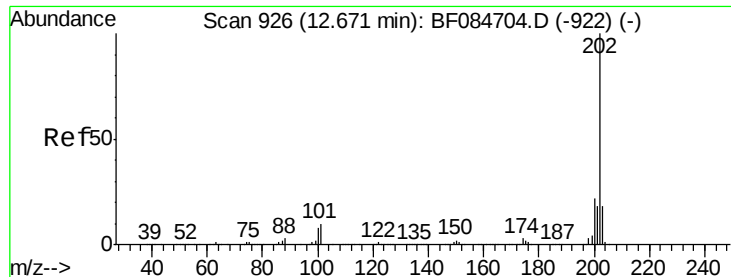


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.32 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

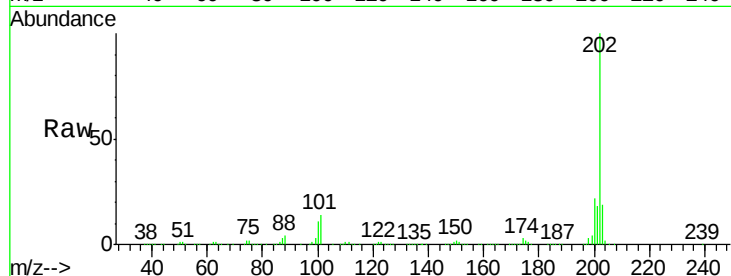
Tgt Ion:202 Resp: 1098718

Ion Ratio Lower Upper

202 100

200 21.9 17.2 25.8

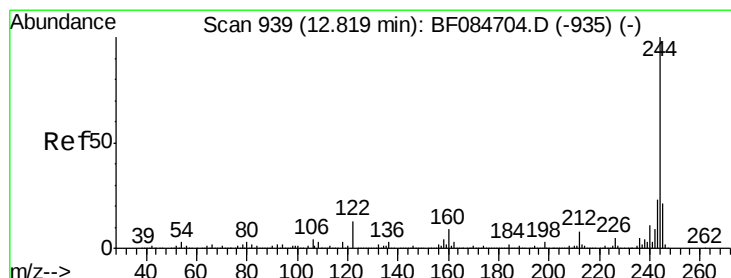
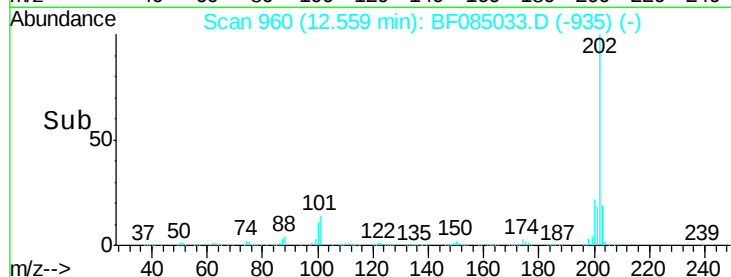
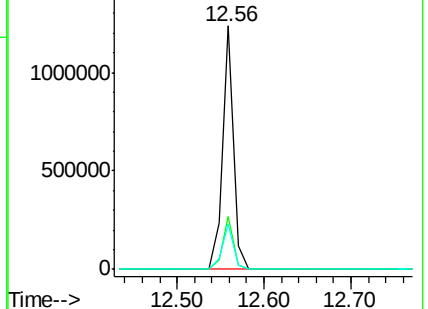
203 18.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.04 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

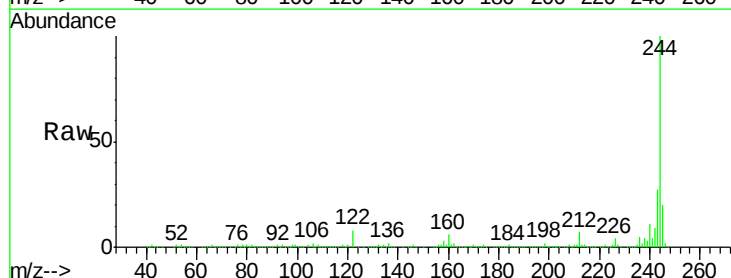
Tgt Ion:244 Resp: 1462593

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

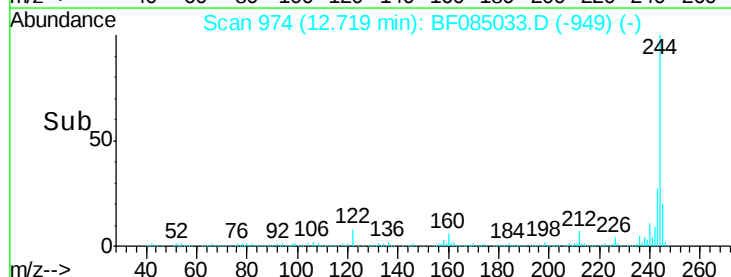
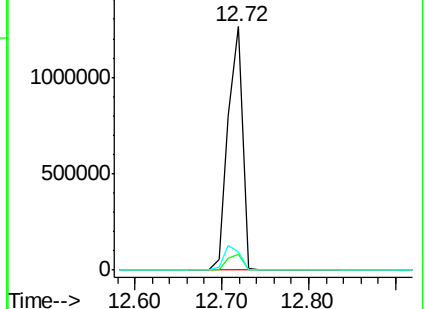
122 7.6 7.4 11.0

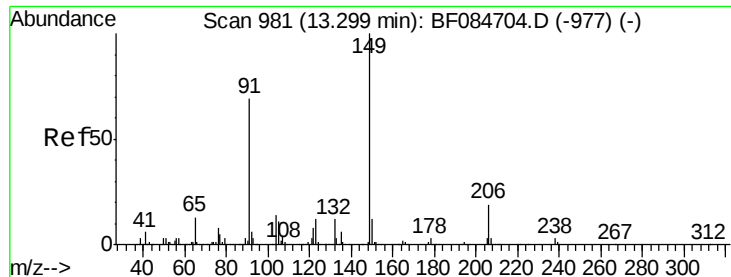


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

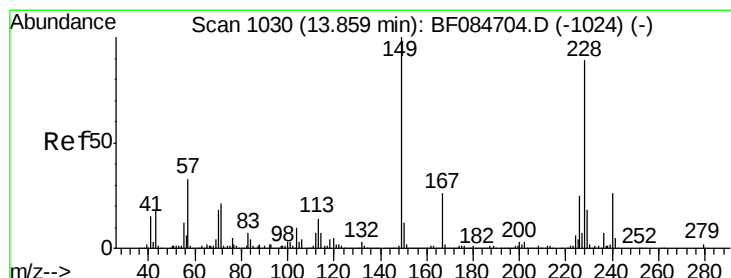
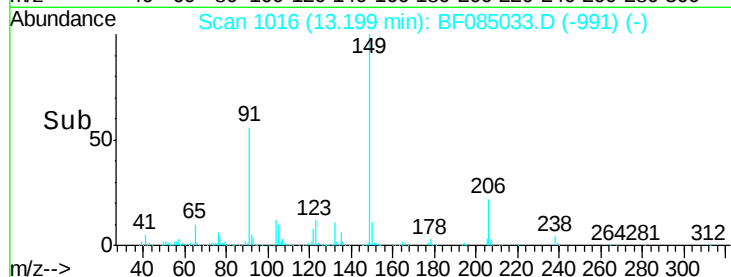
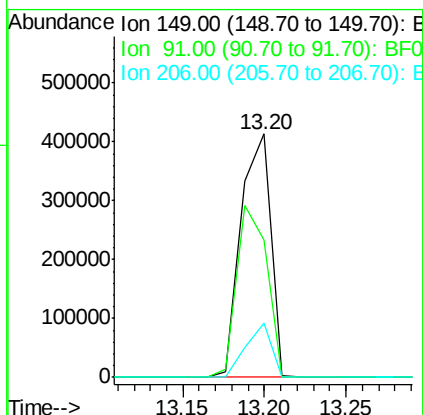
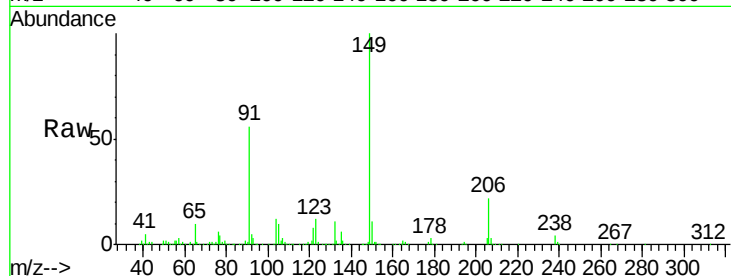




#79
Butylbenzylphthalate
Concen: 45.28 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

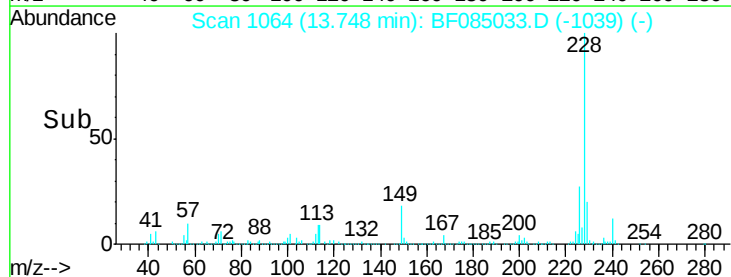
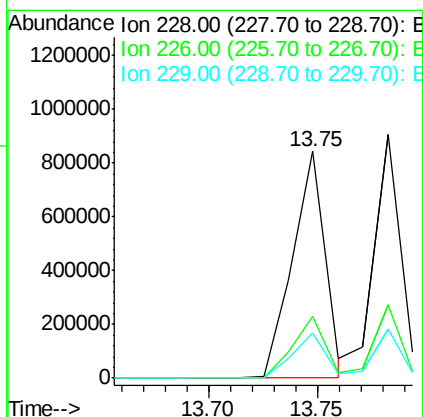
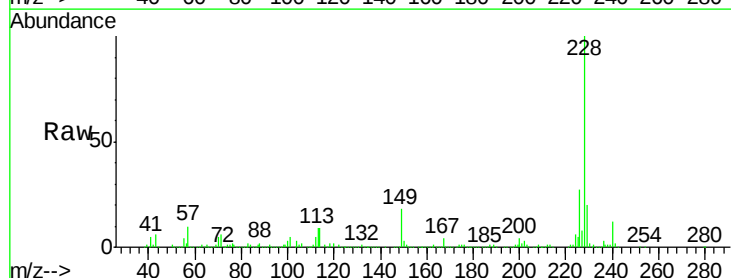
Instrument :
BNA_F
ClientSampleId :
PB88306BS

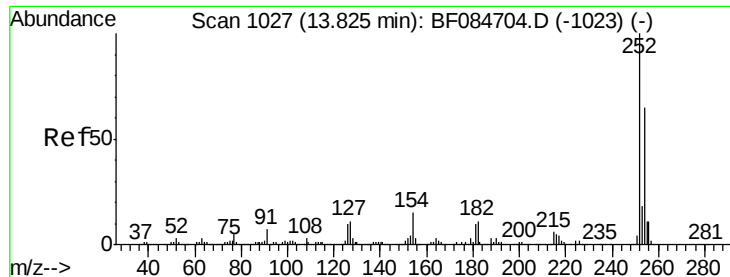
Tgt Ion:149 Resp: 521051
Ion Ratio Lower Upper
149 100
91 56.5 57.6 86.4#
206 22.5 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 42.99 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion:228 Resp: 883890
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 20.0 15.8 23.8

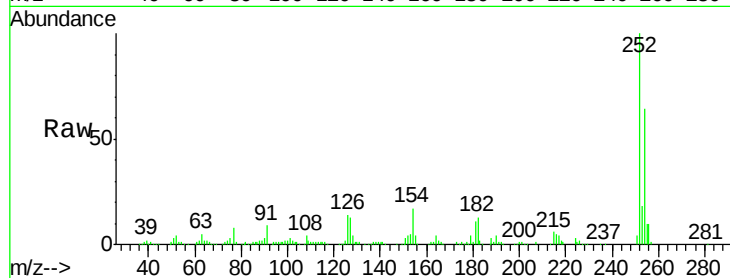




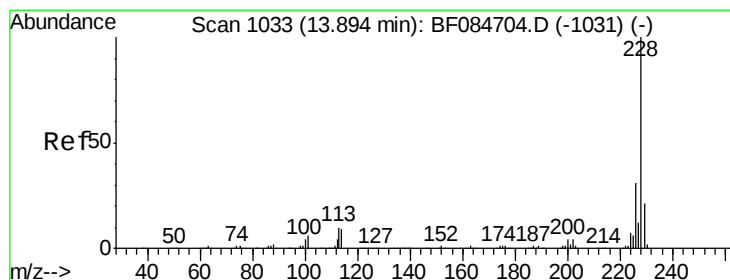
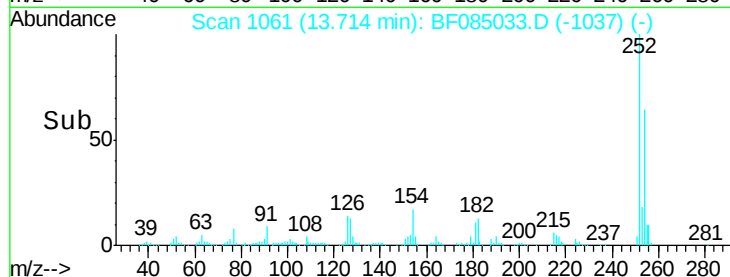
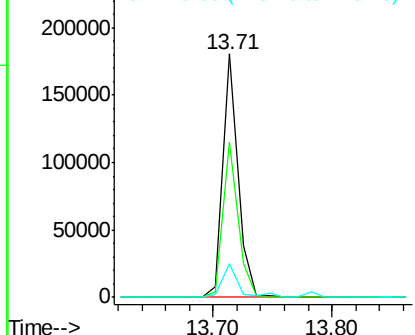
#81
 3,3'-Dichlorobenzidine
 Concen: 21.76 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88306BS

Tgt Ion: 252 Resp: 158400
 Ion Ratio Lower Upper
 252 100
 254 64.0 53.5 80.3
 126 13.6 4.9 7.3#

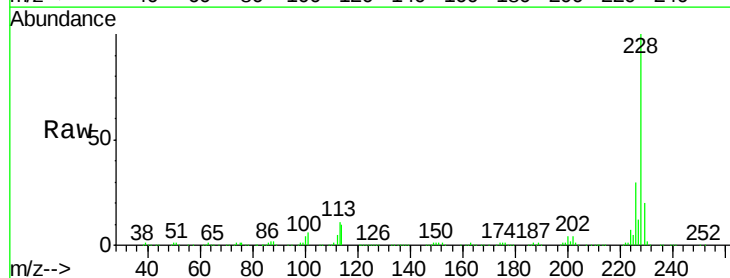


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

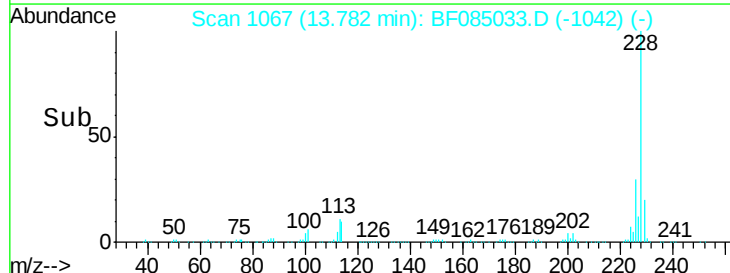
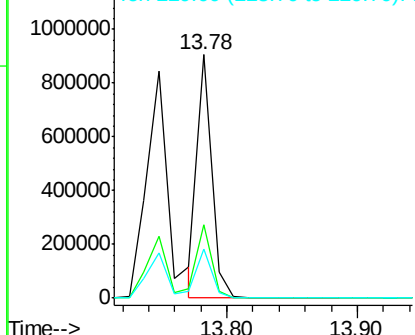


#82
 Chrysene
 Concen: 34.92 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085033.D
 Acq: 12 Feb 2016 1:25

Tgt Ion: 228 Resp: 696293
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 20.3 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: 46.36 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

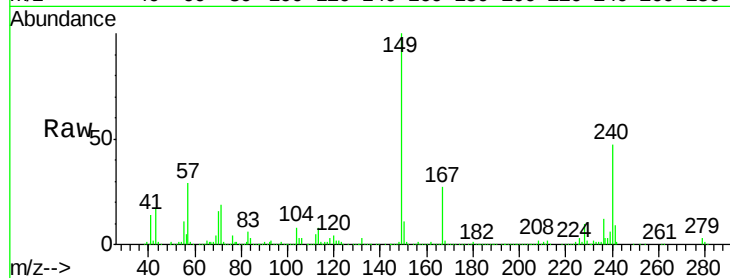
Tgt Ion:149 Resp: 663852

Ion Ratio Lower Upper

149 100

167 26.7 19.7 29.5

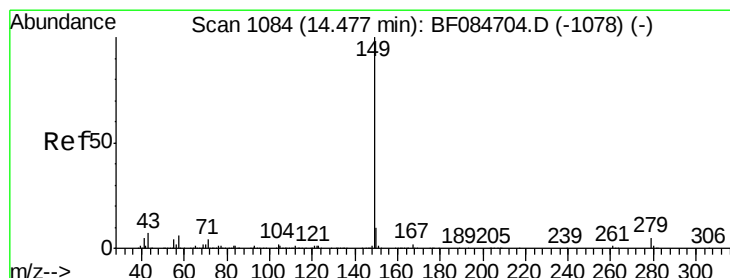
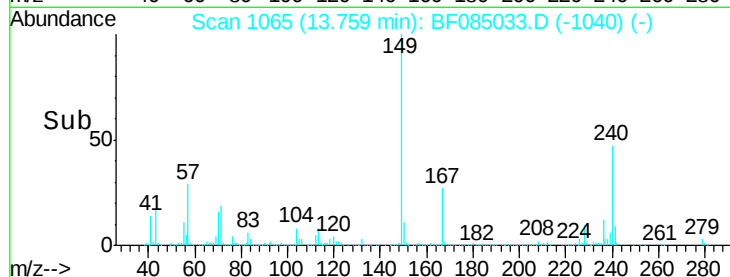
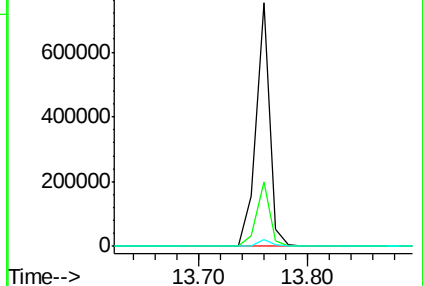
279 2.7 1.8 2.6#



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: 42.27 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

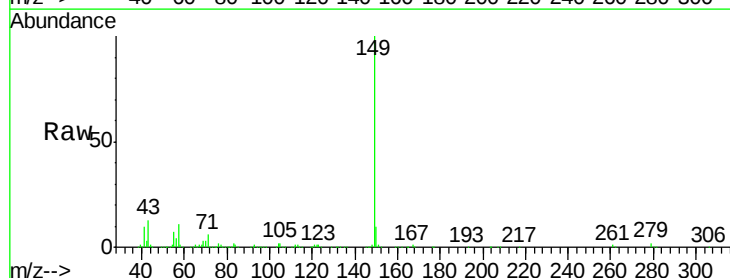
Tgt Ion:149 Resp: 998632

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

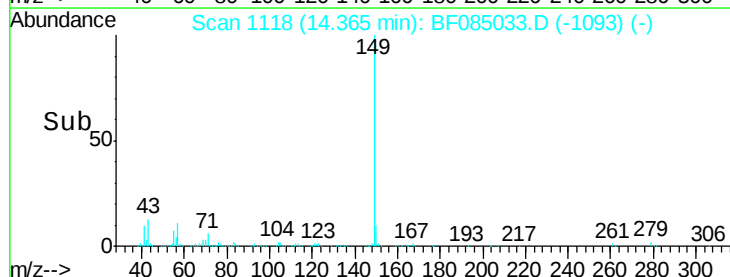
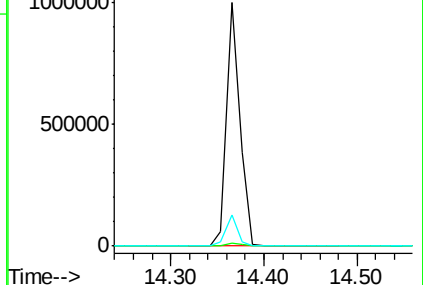
43 11.1 5.6 8.4#

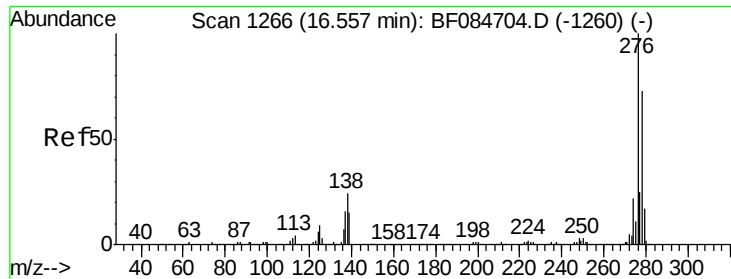


Abundance Ion 149.00 (148.70 to 149.70): E

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: 50.34 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

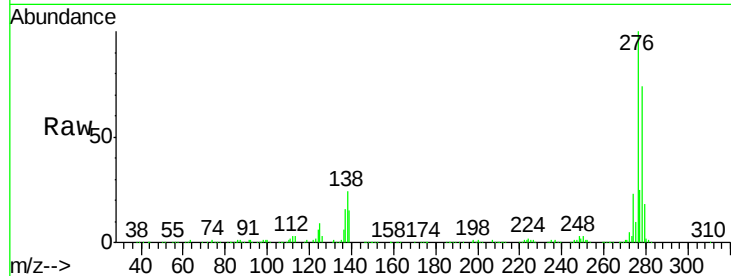
Tgt Ion: 276 Resp: 790055

Ion Ratio Lower Upper

276 100

138 24.1 20.6 30.8

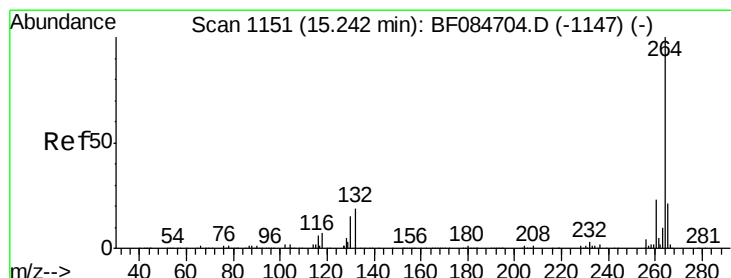
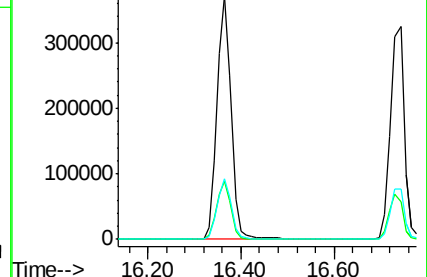
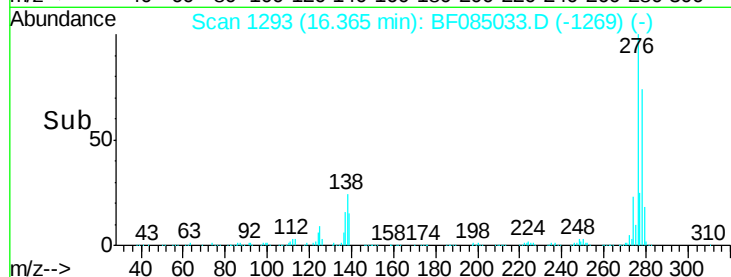
277 24.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

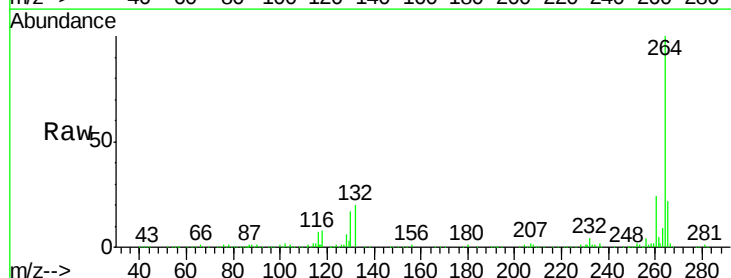
Tgt Ion: 264 Resp: 288566

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

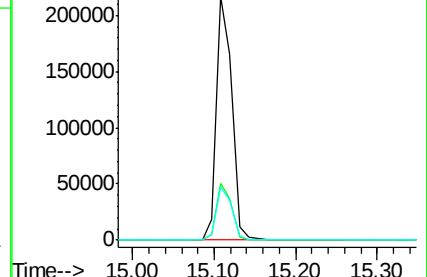
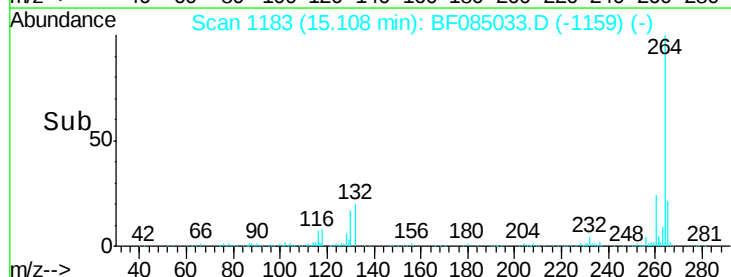
265 21.8 17.8 26.6

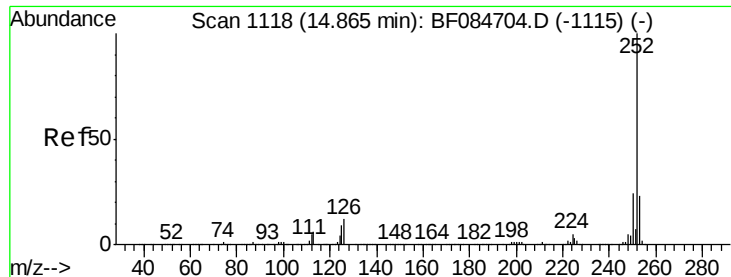


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

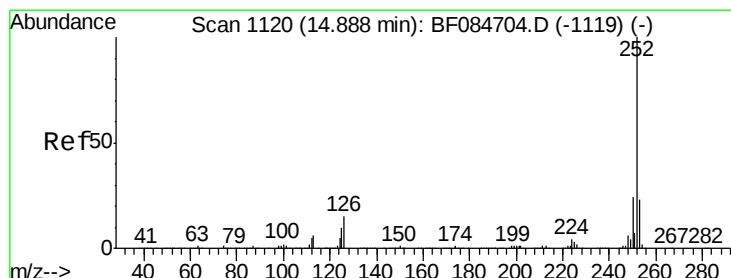
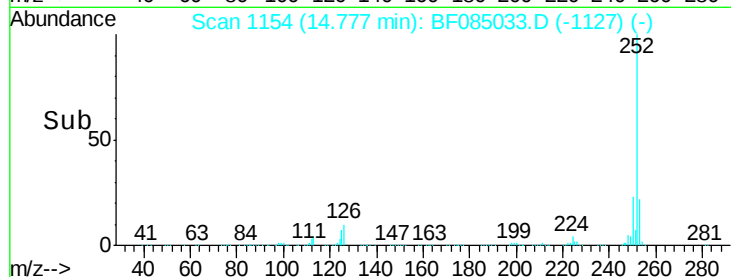
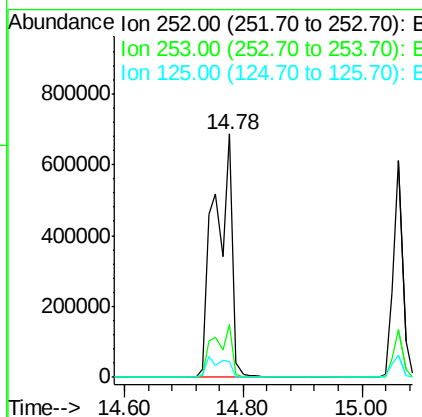
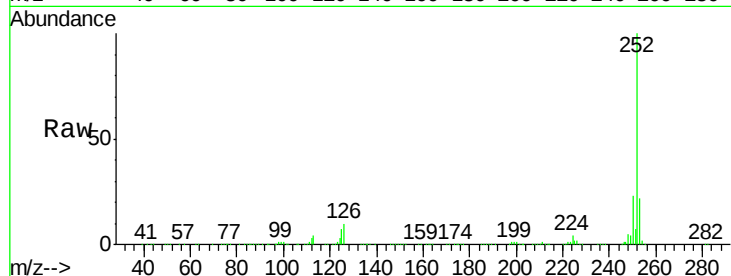




#87
Benzo(b)fluoranthene
Concen: 74.26 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

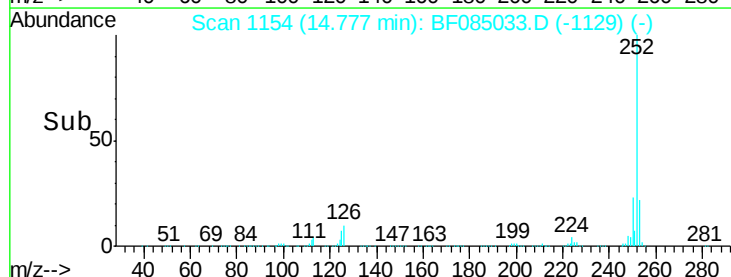
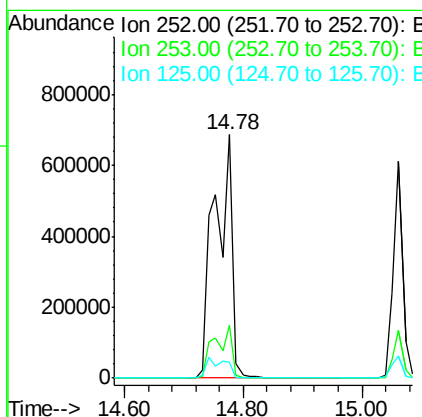
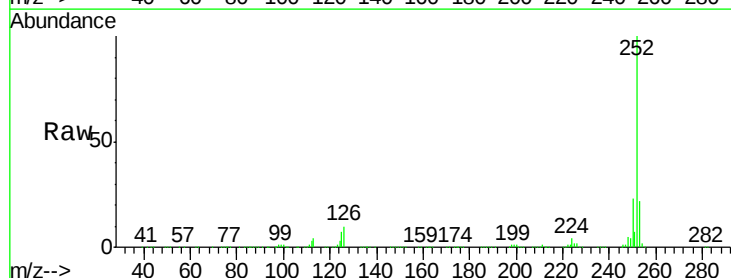
Instrument :
BNA_F
ClientSampleId :
PB88306BS

Tgt Ion:252 Resp: 1439730
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 6.7 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 89.81 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF085033.D
Acq: 12 Feb 2016 1:25

Tgt Ion:252 Resp: 1439730
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 6.7 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 41.11 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

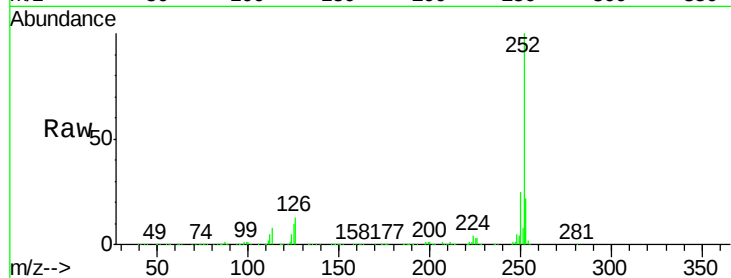
Tgt Ion: 252 Resp: 679185

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

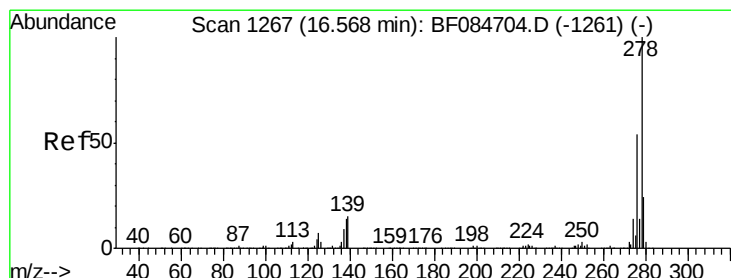
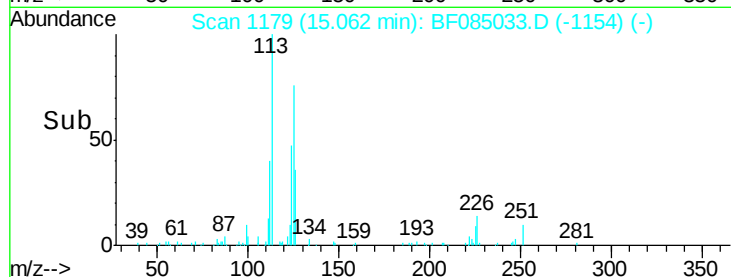
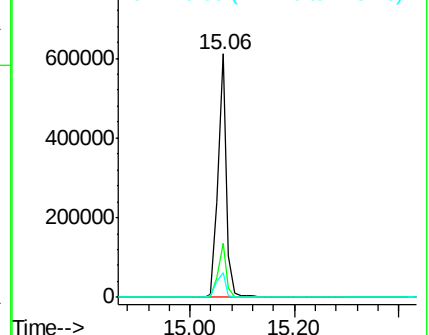
125 10.3 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.56 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

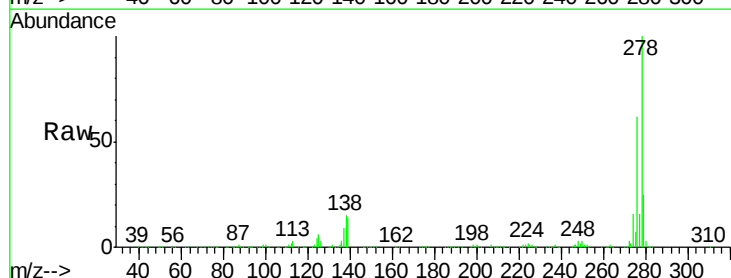
Tgt Ion: 278 Resp: 647535

Ion Ratio Lower Upper

278 100

139 14.0 15.0 22.4#

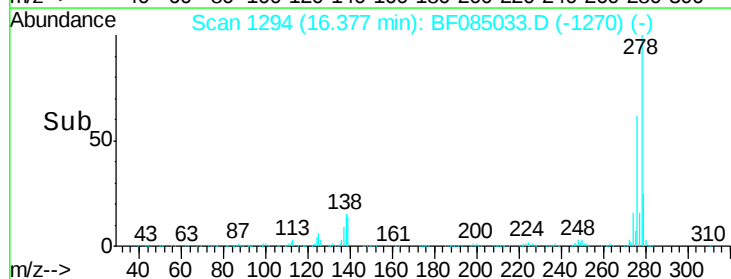
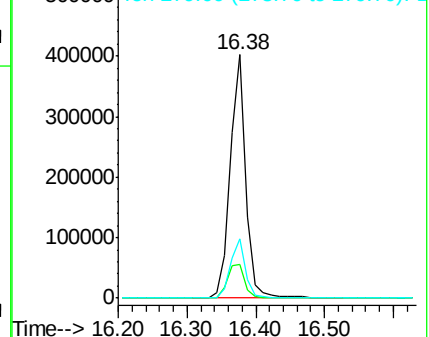
279 24.6 18.9 28.3

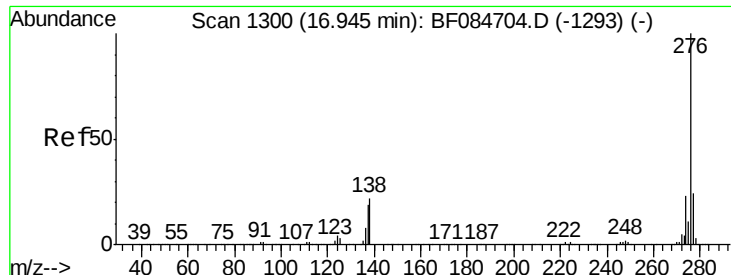


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.76 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085033.D

Acq: 12 Feb 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB88306BS

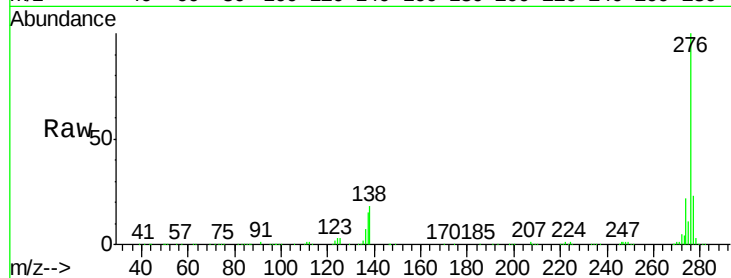
Tgt Ion: 276 Resp: 669046

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 17.6 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

