

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083820.D
 Acq On : 15 Dec 2015 16:03
 Operator : UM/IZ
 Sample : G4739-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

Quant Time: Dec 16 00:49:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	99570	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	393791	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	162739	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	238447	20.00	ng	-0.02
75) Chrysene-d12	14.09	240	174366	20.00	ng	0.01
86) Perylene-d12	15.53	264	163469	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	959174	155.41	ng	0.00
7) Phenol-d6	6.54	99	1110753	142.11	ng	0.00
23) Nitrobenzene-d5	7.47	82	674594	95.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	231279	139.47	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1050701	100.10	ng	-0.02
78) Terphenyl-d14	13.01	244	688005	84.88	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	113603	38.06	ng	# 82
3) Pyridine	3.36	79	284803	37.93	ng	# 81
4) n-Nitrosodimethylamine	3.26	42	142649	50.21	ng	# 64
6) Aniline	6.64	93	491128	46.26	ng	# 54
8) 2-Chlorophenol	6.69	128	357904	49.35	ng	86
9) Benzaldehyde	6.44	77	186001	44.31	ng	96
10) Phenol	6.56	94	340188	37.81	ng	84
11) bis(2-Chloroethyl)ether	6.64	93	491128	75.38	ng	89
12) 1,3-Dichlorobenzene	6.84	146	362625	47.11	ng	96
13) 1,4-Dichlorobenzene	6.92	146	362613	46.62	ng	98
14) 1,2-Dichlorobenzene	7.08	146	357627	51.17	ng	97
15) Benzyl Alcohol	7.05	79	293385	51.09	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	346921	41.01	ng	71
17) 2-Methylphenol	7.16	107	277439	47.58	ng	# 87
18) Hexachloroethane	7.42	117	129981	47.06	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	215386	45.00	ng	93
20) 3+4-Methylphenols	7.32	107	353591	51.36	ng	# 69
22) Acetophenone	7.31	105	469011	48.55	ng	# 99
24) Nitrobenzene	7.49	77	369316	50.41	ng	# 73
25) Isophorone	7.73	82	641722	46.47	ng	# 91
26) 2-Nitrophenol	7.80	139	172503	49.02	ng	88
27) 2,4-Dimethylphenol	7.85	122	311509	45.05	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	379956	48.22	ng	98
29) 2,4-Dichlorophenol	8.05	162	293591	51.72	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	276843	47.03	ng	95
31) Naphthalene	8.21	128	1162596	56.64	ng	98
32) Benzoic acid	7.92	122	28964	6.72	ng	90
33) 4-Chloroaniline	8.26	127	60109	7.17	ng	# 92
34) Hexachlorobutadiene	8.34	225	158688	49.12	ng	97
35) Caprolactam	8.62	113	92648	50.82	ng	# 66
36) 4-Chloro-3-methylphenol	8.75	107	313754	47.25	ng	# 84
37) 2-Methylnaphthalene	8.91	142	781925	60.67	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	238867	49.75	ng	# 100
40) Hexachlorocyclopentadiene	9.06	237	33173	13.64	ng	98

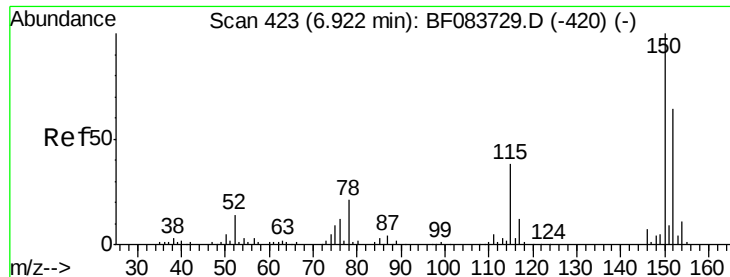
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	187682	53.41	ng	97
43) 2,4,5-Trichlorophenol	9.23	196	177708	53.31	ng #	93
45) 1,1'-Biphenyl	9.37	154	686968	47.63	ng	96
46) 2-Chloronaphthalene	9.39	162	494983	46.49	ng #	91
47) 2-Nitroaniline	9.48	65	144903	47.99	ng #	81
48) Acenaphthylene	9.81	152	1629585	90.97	ng	97
49) Dimethylphthalate	9.68	163	899953	70.93	ng	99
50) 2,6-Dinitrotoluene	9.73	165	144809	53.78	ng #	66
51) Acenaphthene	9.98	154	519104	47.94	ng	99
52) 3-Nitroaniline	9.89	138	61431	19.79	ng #	68
53) 2,4-Dinitrophenol	10.00	184	36929	35.97	ng #	85
54) Dibenzofuran	10.16	168	762957	53.18	ng	98
55) 4-Nitrophenol	10.06	139	207950	90.46	ng #	61
56) 2,4-Dinitrotoluene	10.13	165	175371	49.86	ng #	71
57) Fluorene	10.50	166	647738	57.33	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	128582	51.43	ng #	100
59) Diethylphthalate	10.37	149	609880	47.48	ng	98
60) 4-Chlorophenyl-phenylether	10.49	204	239663	46.52	ng	99
61) 4-Nitroaniline	10.50	138	77303	28.25	ng	93
62) Azobenzene	10.65	77	517698	44.21	ng	81
64) 4,6-Dinitro-2-methylphenol	10.54	198	39366	29.02	ng #	66
65) n-Nitrosodiphenylamine	10.60	169	466106	57.16	ng	98
66) 4-Bromophenyl-phenylether	10.98	248	143675	53.89	ng #	88
67) Hexachlorobenzene	11.05	284	146778	50.88	ng #	90
68) Atrazine	11.14	200	144038	62.08	ng	98
69) Pentachlorophenol	11.24	266	152273	93.58	ng	99
70) Phenanthrene	11.46	178	1900237	150.01	ng	97
71) Anthracene	11.50	178	1133029	86.12	ng	99
72) Carbazole	11.65	167	639050	52.13	ng #	96
73) Di-n-butylphthalate	12.00	149	767171	51.54	ng	100
74) Fluoranthene	12.66	202	3108484	237.50	ng	96
77) Pyrene	12.90	202	3869520	280.78	ng	94
79) Butylbenzylphthalate	13.49	149	319794	54.07	ng	87
80) Benzo(a)anthracene	14.11	228	2191330	221.01	ng	93
81) 3,3'-Dichlorobenzidine	14.03	252	21575	6.03	ng #	88
82) Chrysene	14.11	228	2191536	226.62	ng	97
83) Bis(2-ethylhexyl)phthalate	14.05	149	347596	51.63	ng	98
84) Di-n-octyl phthalate	14.66	149	693002	64.78	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.98	276	1071941	112.86	ng #	100
87) Benzo(b)fluoranthene	15.13	252	3010691	288.69	ng	98
88) Benzo(k)fluoranthene	15.13	252	3010691	318.60	ng	98
89) Benzo(a)pyrene	15.41	252	1013654	108.92	ng	98
90) Dibenzo(a,h)anthracene	16.99	278	514201	55.57	ng	96
91) Benzo(g,h,i)perylene	17.43	276	958446	100.76	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

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K206-0-2MSD

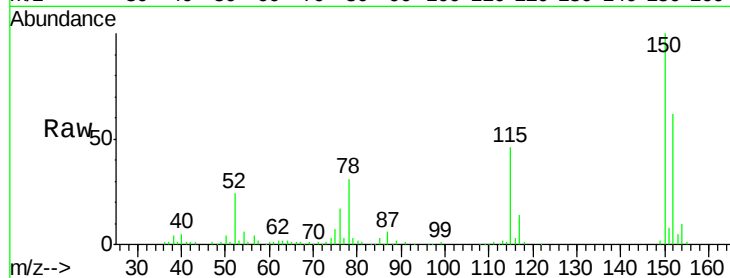
Tgt Ion:152 Resp: 99570

Ion Ratio Lower Upper

152 100

150 160.2 126.5 189.7

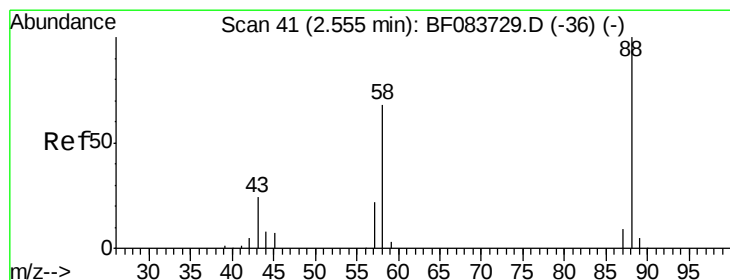
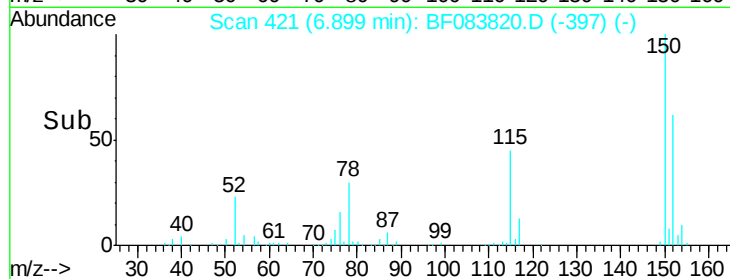
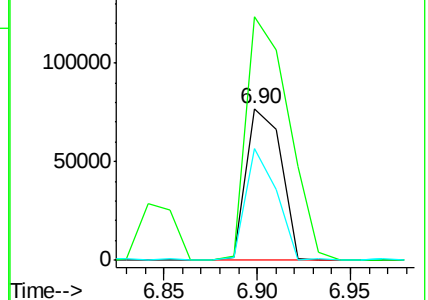
115 73.6 52.3 78.5



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: 38.06 ng

RT: 2.58 min Scan# 43

Delta R.T. 0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

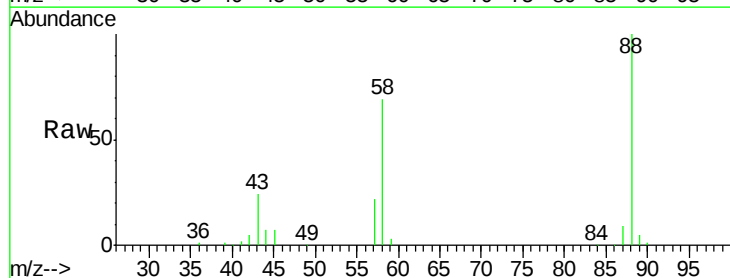
Tgt Ion: 88 Resp: 113603

Ion Ratio Lower Upper

88 100

58 68.7 68.0 102.0

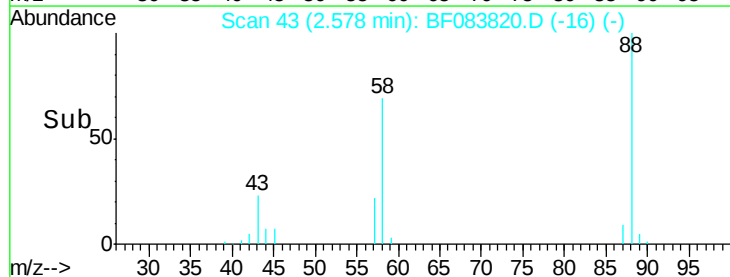
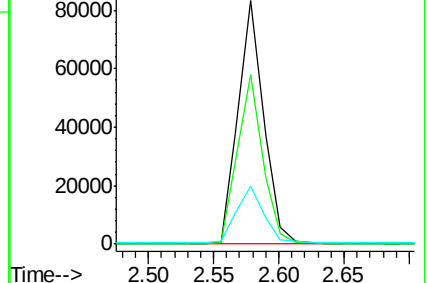
43 24.9 27.9 41.9#

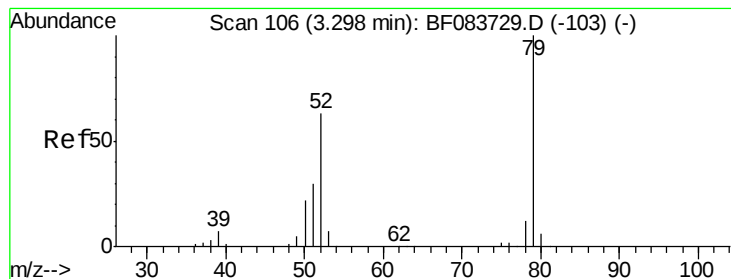


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.93 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.06 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

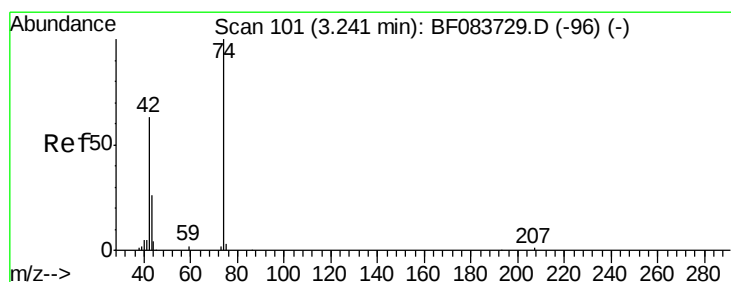
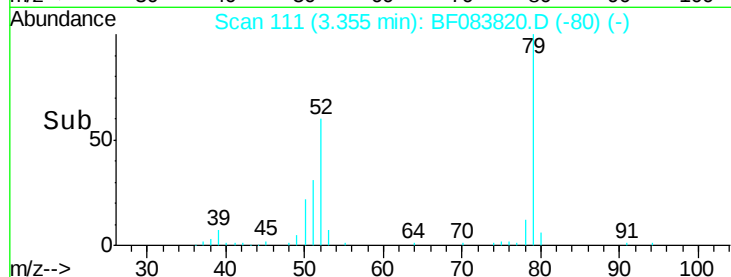
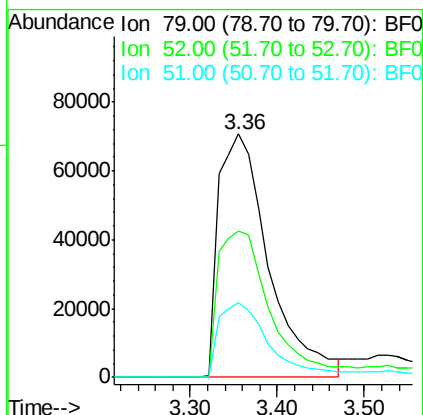
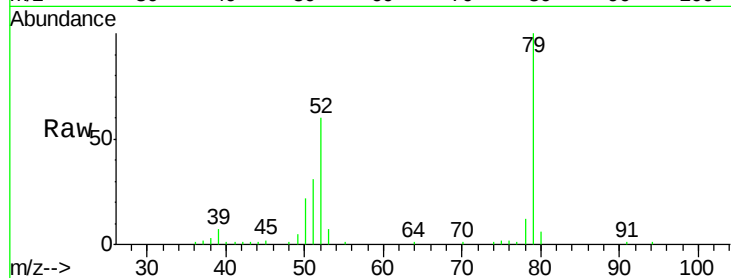
Instrument :

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Tgt Ion:	79	Resp:	284803
Ion	Ratio	Lower	Upper
79	100		
52	60.0	63.7	95.5#
51	30.7	30.6	45.8



#4

n-Nitrosodimethylamine

Concen: 50.21 ng

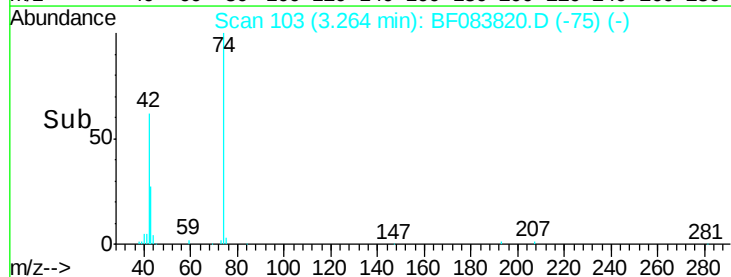
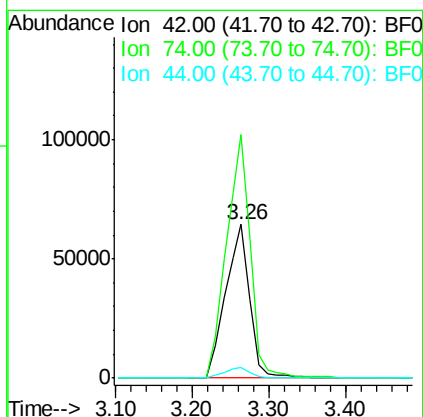
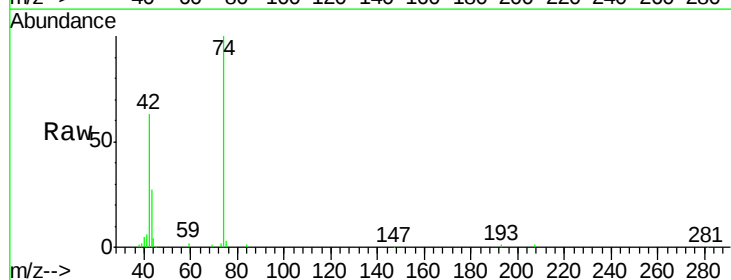
RT: 3.26 min Scan# 103

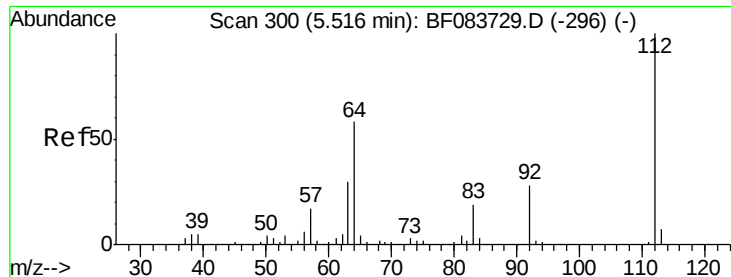
Delta R.T. 0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Tgt Ion:	42	Resp:	142649
Ion	Ratio	Lower	Upper
42	100		
74	158.3	92.9	139.3#
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 155.41 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

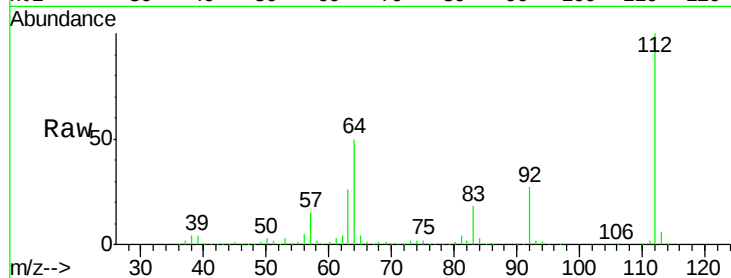
Tgt Ion: 112 Resp: 959174

Ion Ratio Lower Upper

112 100

64 49.7 50.5 75.7#

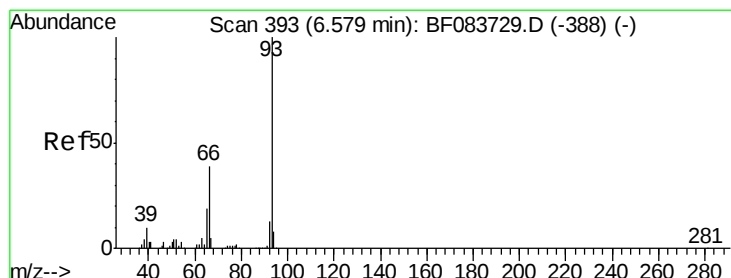
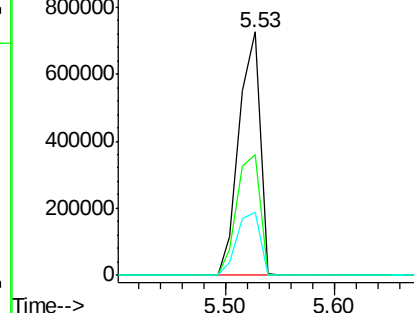
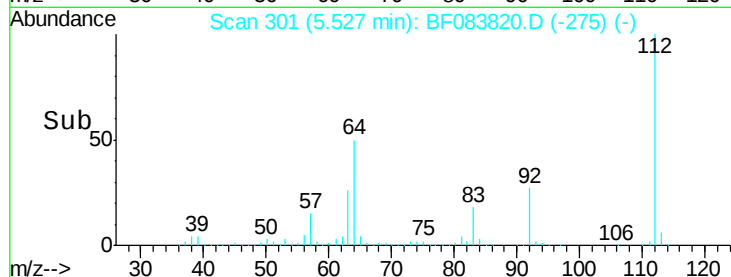
63 25.9 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 46.26 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.06 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

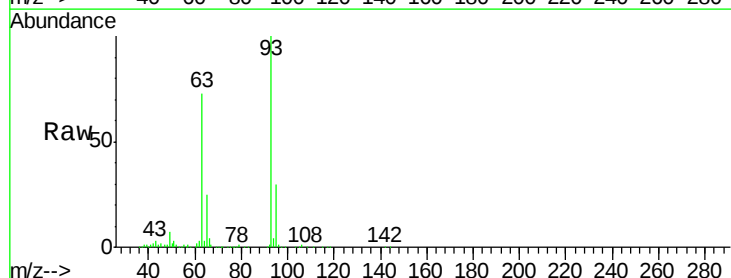
Tgt Ion: 93 Resp: 491128

Ion Ratio Lower Upper

93 100

66 3.7 41.3 61.9#

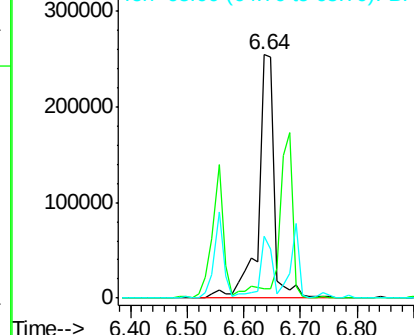
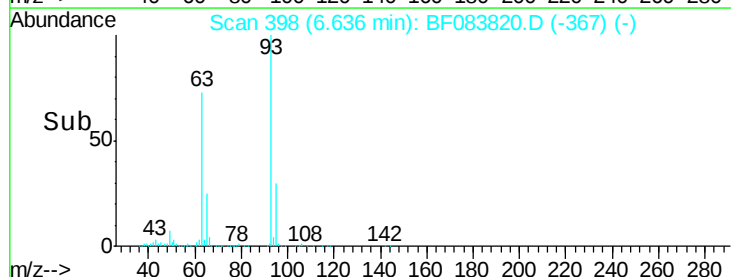
65 25.3 20.8 31.2

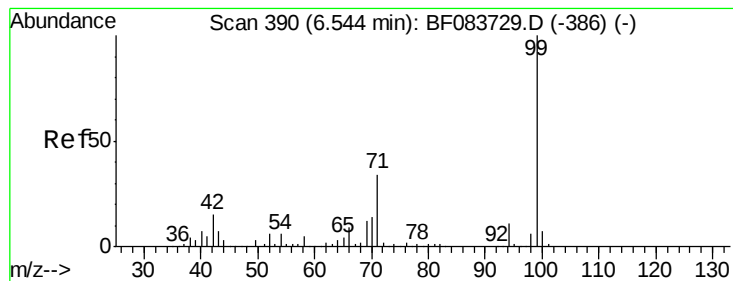


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.11 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083820.D

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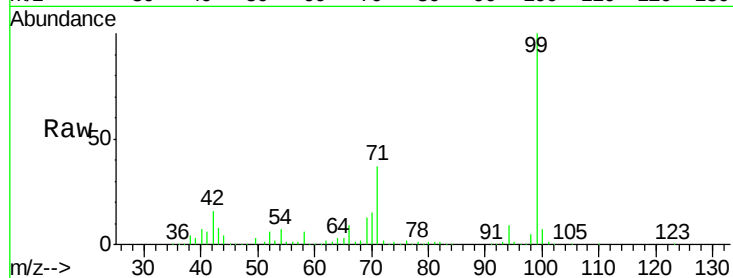
Tgt Ion: 99 Resp: 1110753

Ion Ratio Lower Upper

99 100

42 16.0 17.3 25.9#

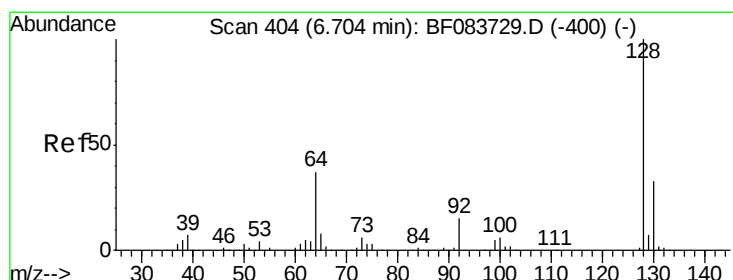
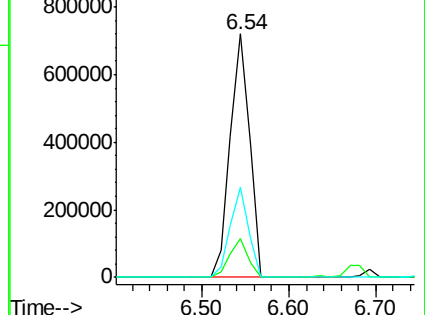
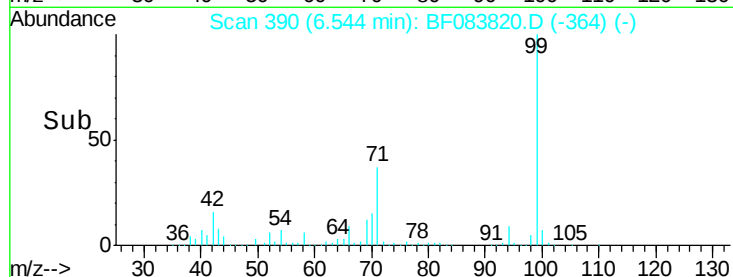
71 37.0 26.6 40.0



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: 49.35 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

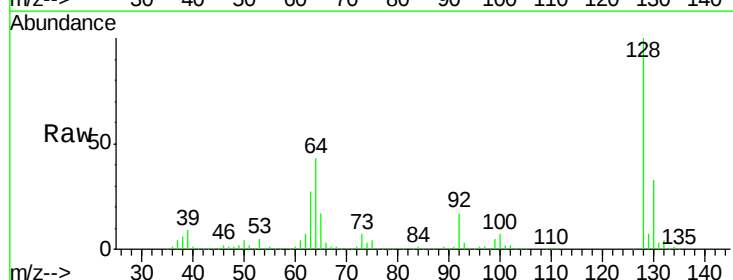
Tgt Ion: 128 Resp: 357904

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

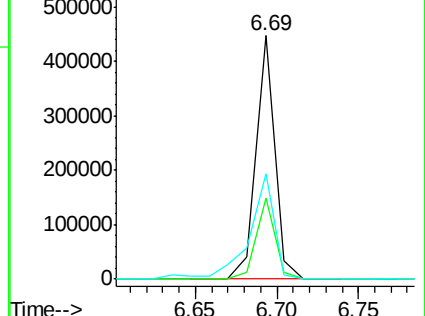
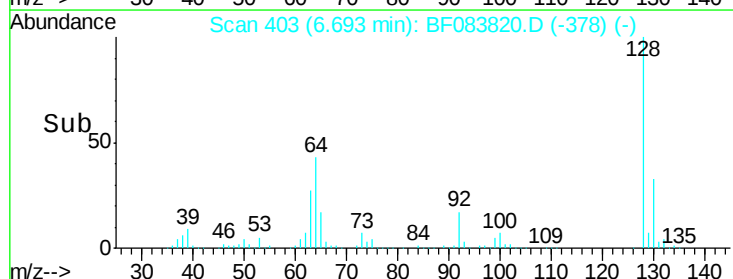
64 43.1 38.6 78.6

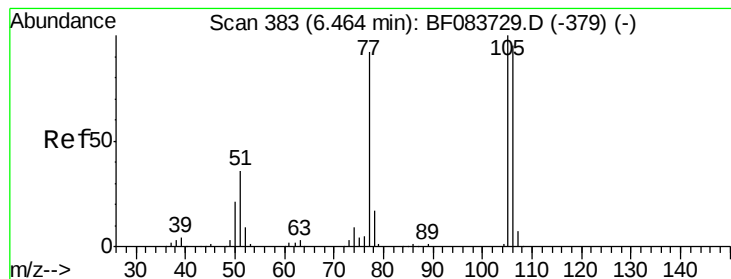


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 44.31 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

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K206-0-2MSD

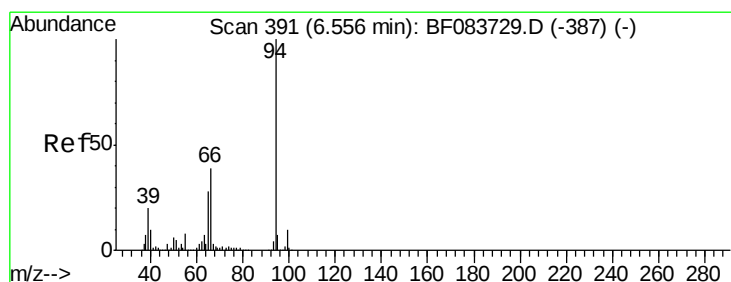
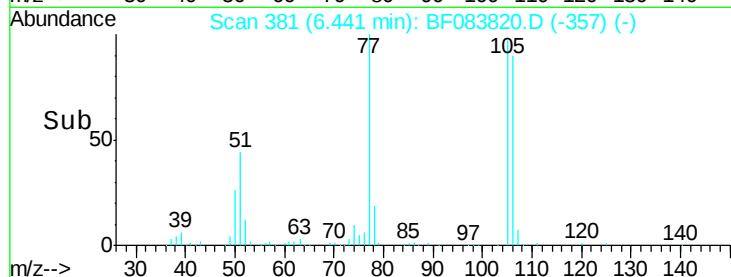
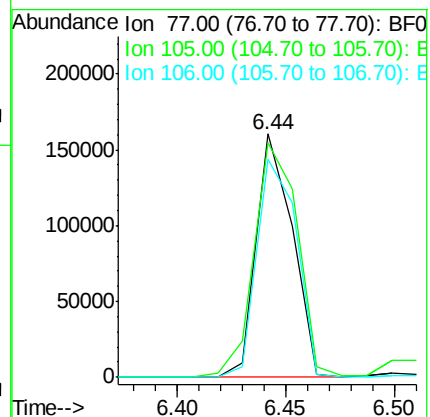
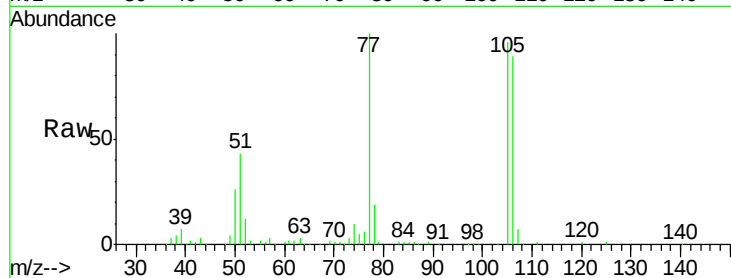
Tgt Ion: 77 Resp: 186001

Ion Ratio Lower Upper

77 100

105 96.5 71.8 111.8

106 89.5 66.8 106.8



#10

Phenol

Concen: 37.81 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

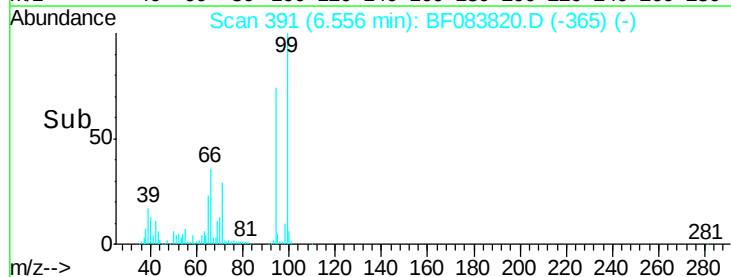
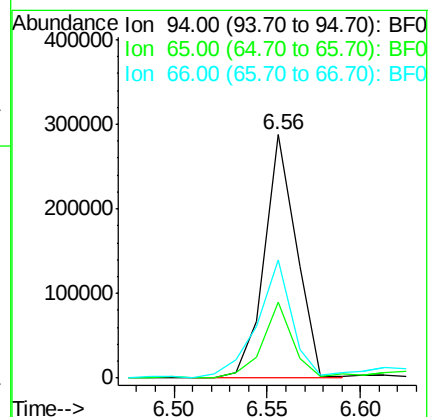
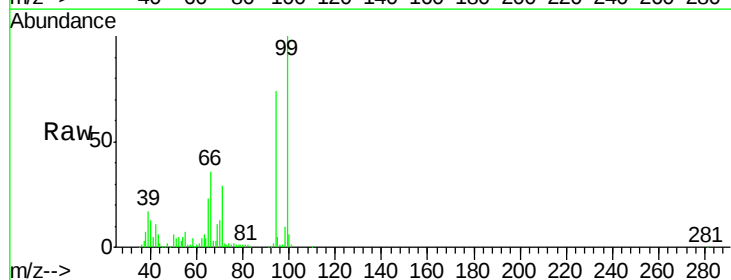
Tgt Ion: 94 Resp: 340188

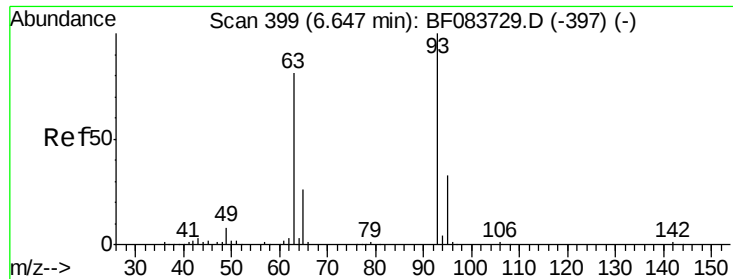
Ion Ratio Lower Upper

94 100

65 31.4 20.9 60.9

66 48.8 41.6 81.6

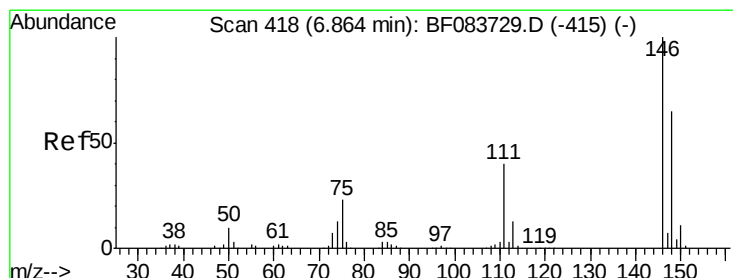
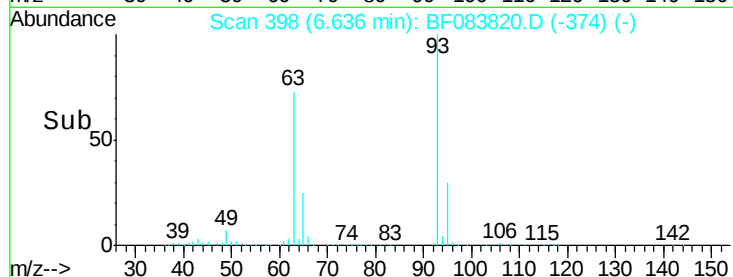
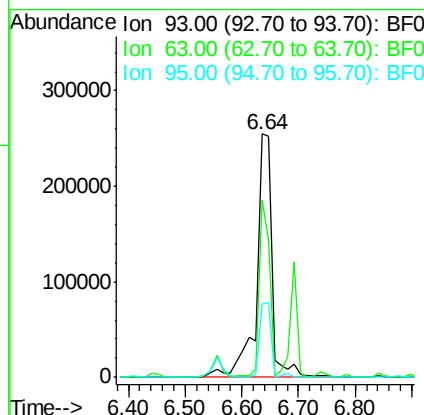
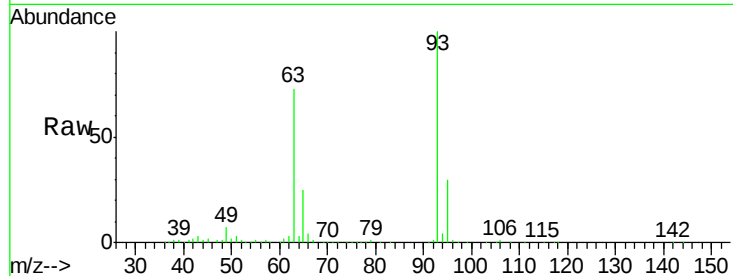




#11
 bis(2-Chloroethyl)ether
 Concen: 75.38 ng
 RT: 6.64 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

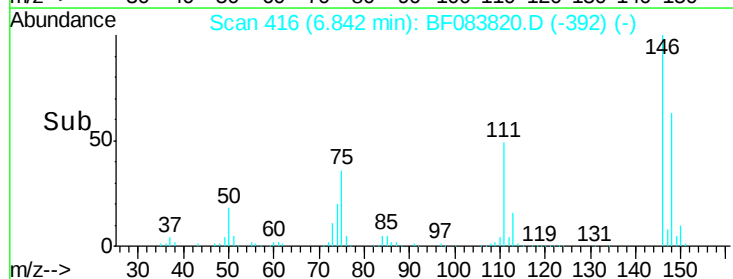
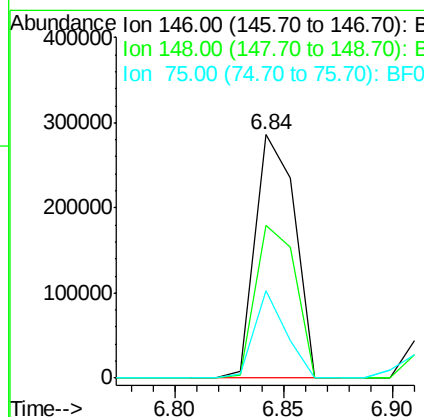
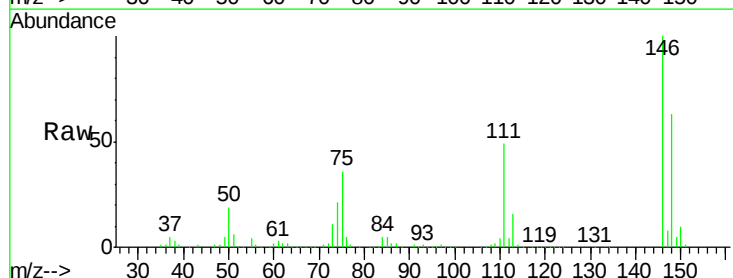
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

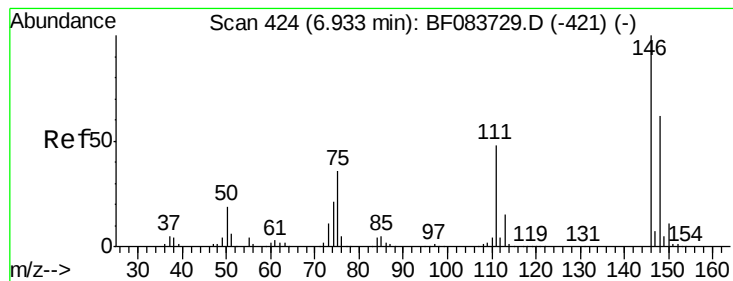
Tgt Ion:	93	Resp:	491128
Ion	Ratio	Lower	Upper
93	100		
63	72.9	64.7	104.7
95	30.2	12.7	52.7



#12
 1,3-Dichlorobenzene
 Concen: 47.11 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion:	146	Resp:	362625
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.3	76.9
75	35.9	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 46.62 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

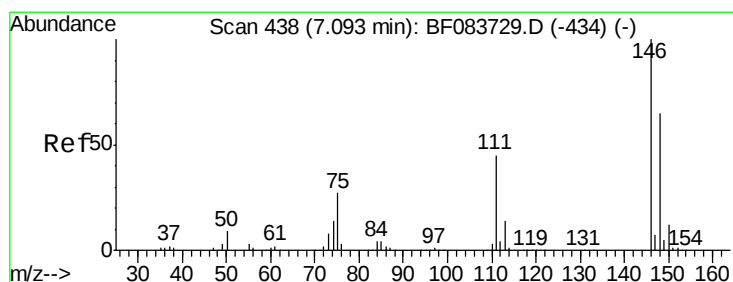
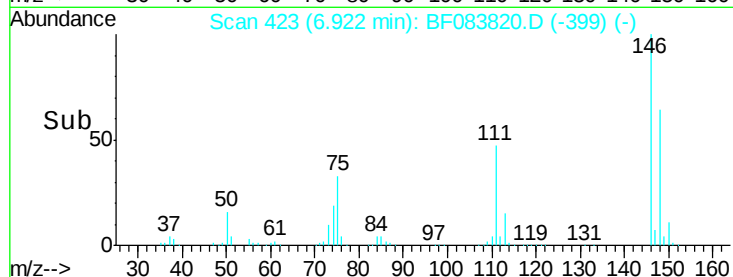
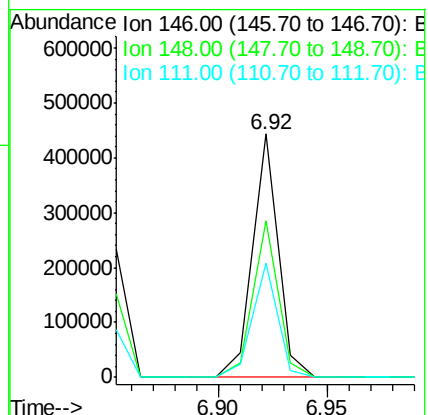
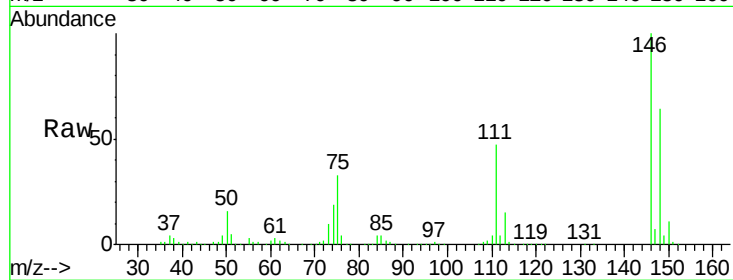
Tgt Ion:146 Resp: 362613

Ion Ratio Lower Upper

146 100

148 64.3 50.6 76.0

111 46.9 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 51.17 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

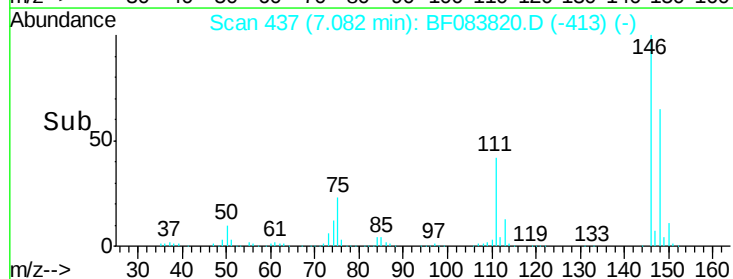
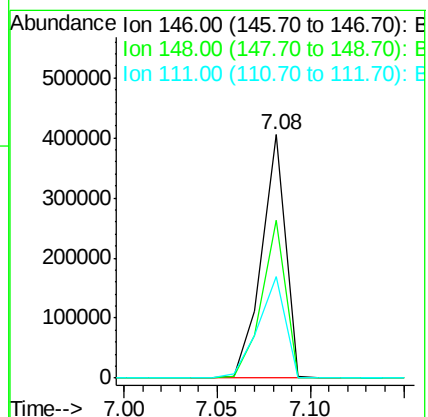
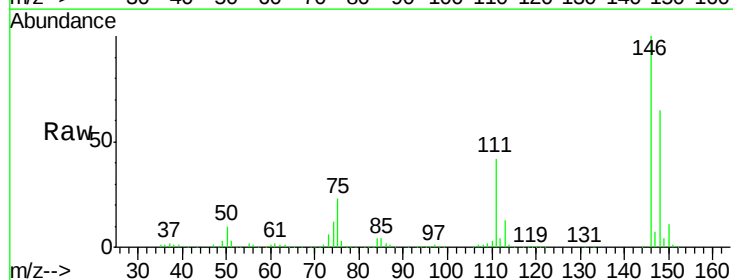
Tgt Ion:146 Resp: 357627

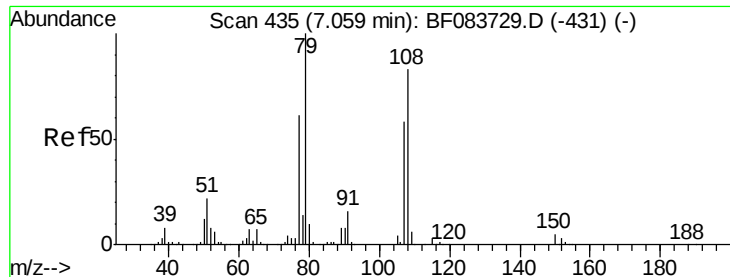
Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.0

111 41.9 36.7 55.1





#15

Benzyl Alcohol

Concen: 51.09 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

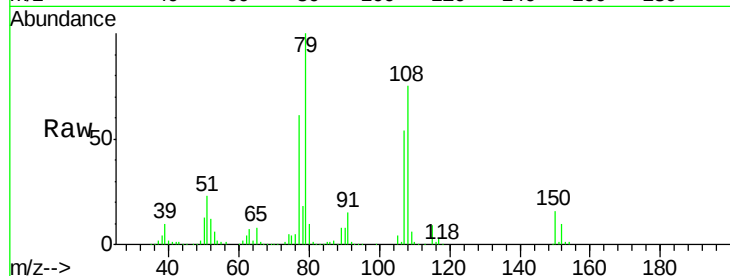
Tgt Ion: 79 Resp: 293385

Ion Ratio Lower Upper

79 100

108 75.3 59.6 89.4

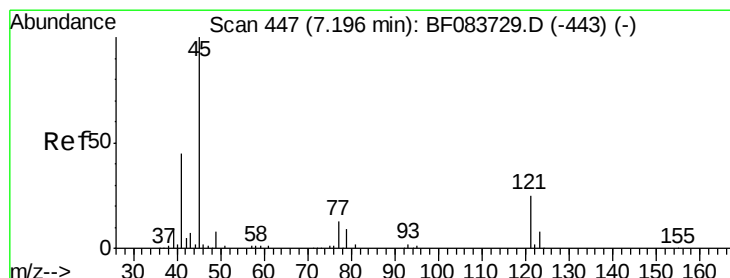
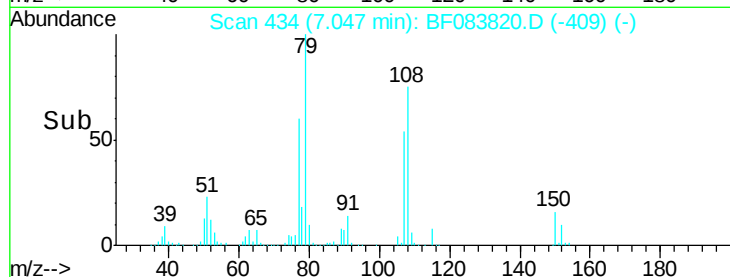
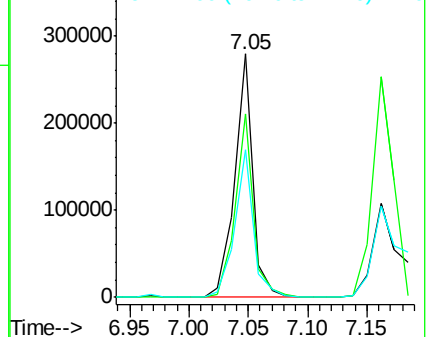
77 60.5 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.01 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

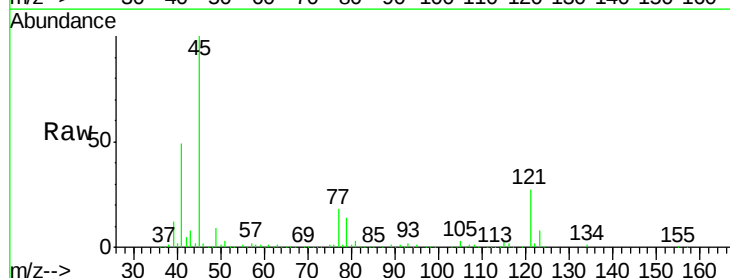
Tgt Ion: 45 Resp: 346921

Ion Ratio Lower Upper

45 100

77 17.8 12.8 52.8

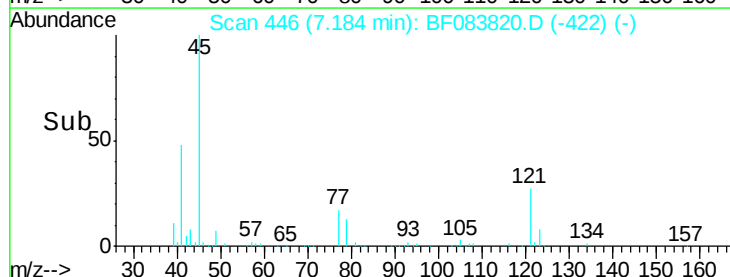
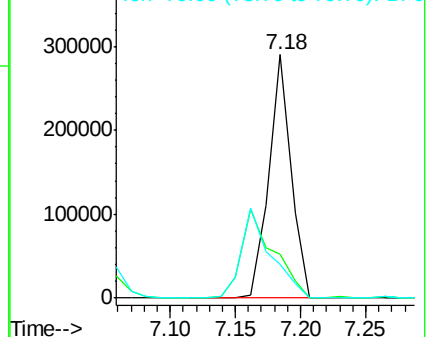
79 13.9 10.7 50.7

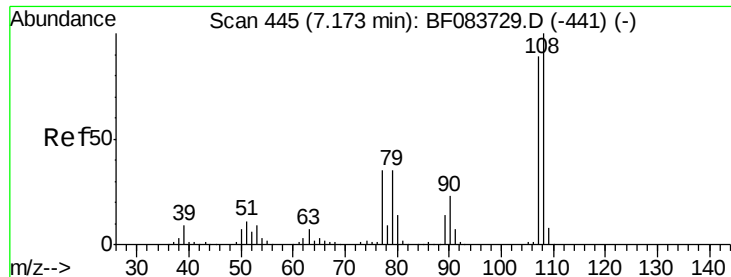


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

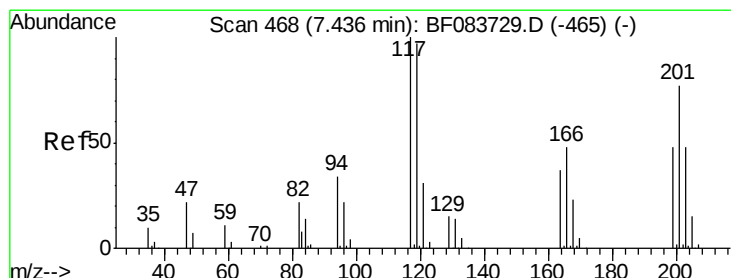
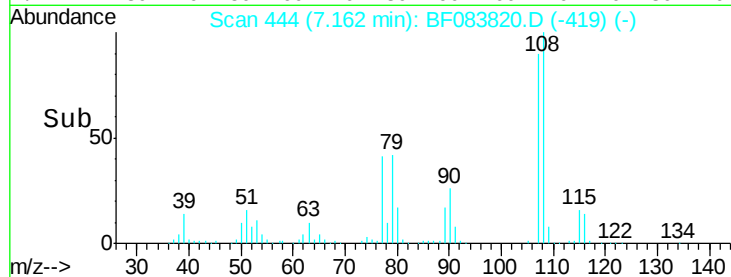
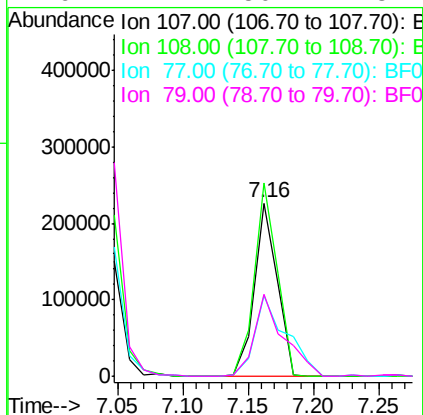
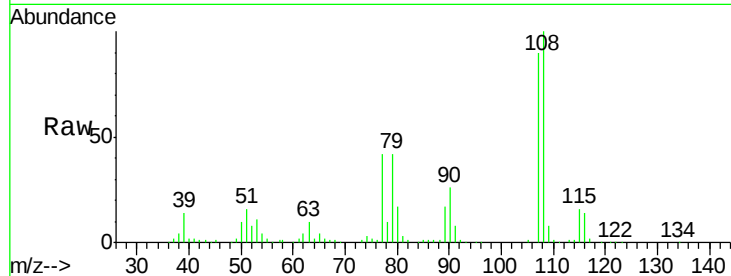




#17
2-Methylphenol
Concen: 47.58 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

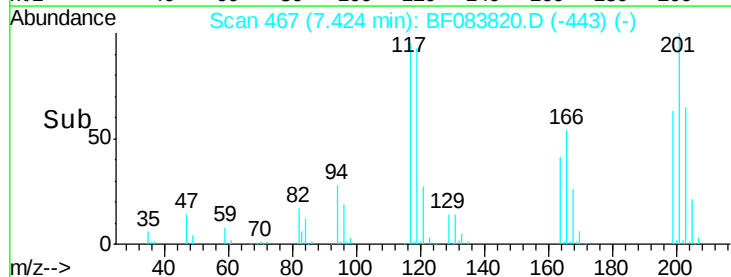
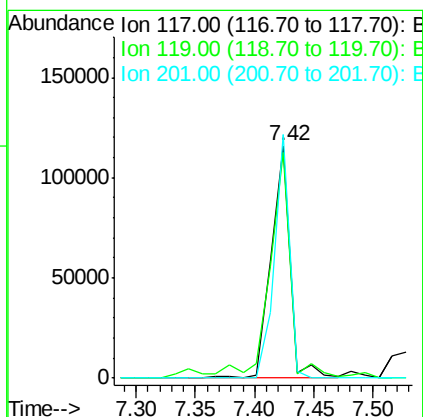
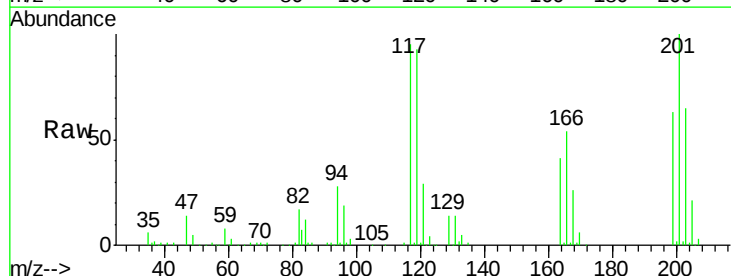
Instrument :
BNA_F
ClientSampleId :
K206-0-2MSD

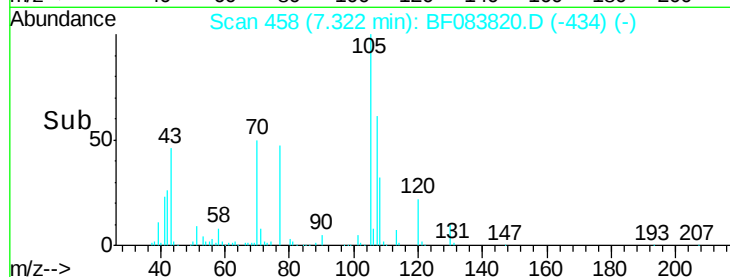
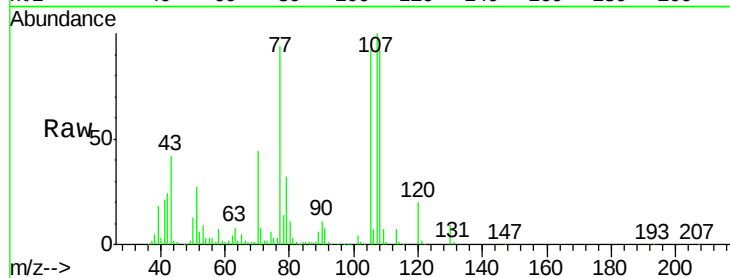
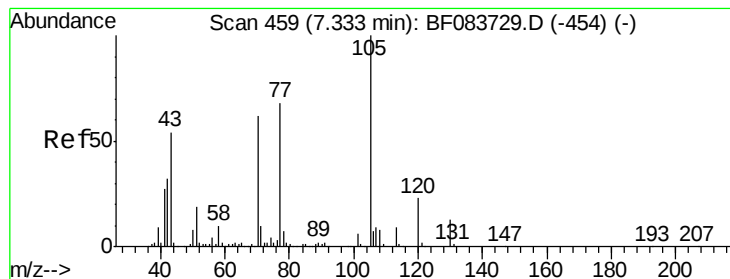
Tgt Ion:107 Resp: 277439
Ion Ratio Lower Upper
107 100
108 111.7 91.6 137.4
77 46.5 53.7 80.5#
79 47.4 50.2 75.4#



#18
Hexachloroethane
Concen: 47.06 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Tgt Ion:117 Resp: 129981
Ion Ratio Lower Upper
117 100
119 97.5 77.2 115.8
201 104.9 86.8 130.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.00 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

Tgt Ion: 70 Resp: 215386

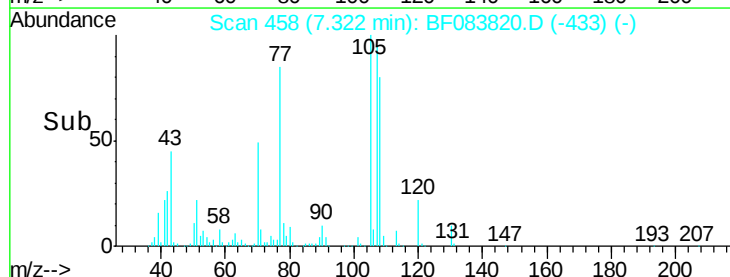
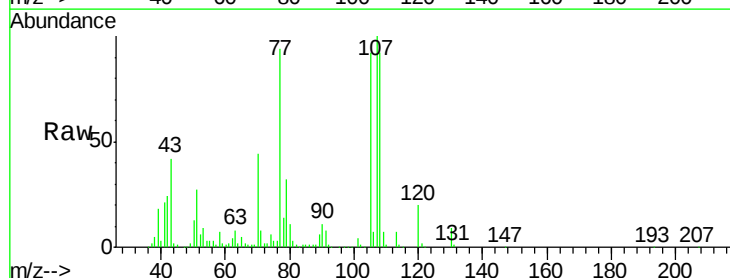
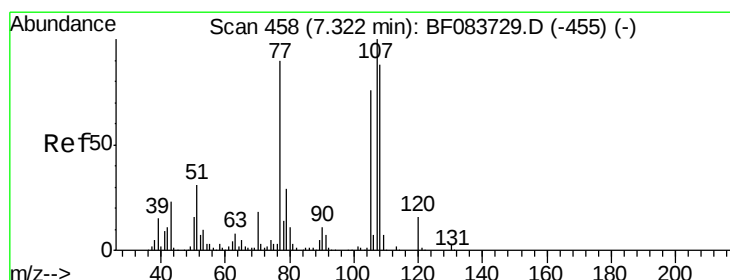
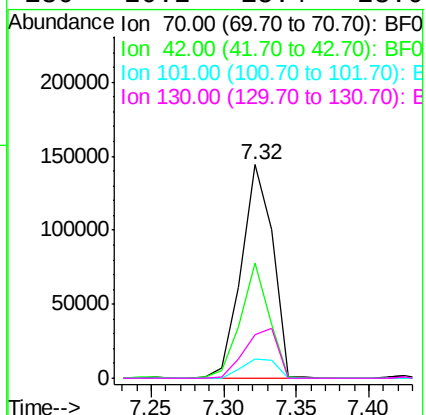
Ion Ratio Lower Upper

70 100

42 53.8 49.2 73.8

101 9.2 7.1 10.7

130 20.2 15.4 23.0



#20

3+4-Methylphenols

Concen: 51.36 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Tgt Ion: 107 Resp: 353591

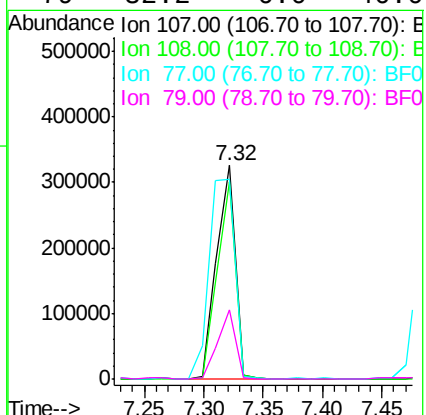
Ion Ratio Lower Upper

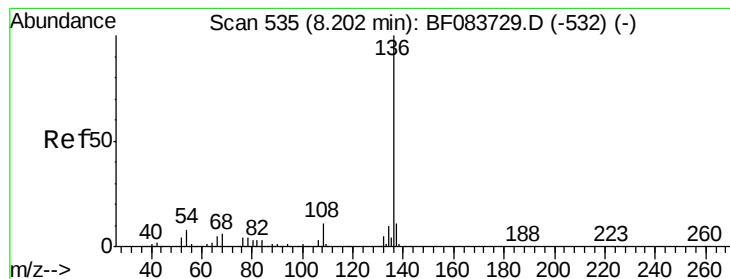
107 100

108 92.4 65.2 105.2

77 93.5 15.2 55.2#

79 32.2 6.0 46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

Tgt Ion:136 Resp: 393791

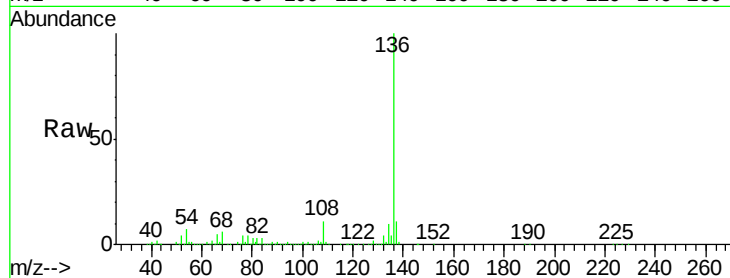
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.9 7.8 11.6#

68 5.7 5.7 8.5#

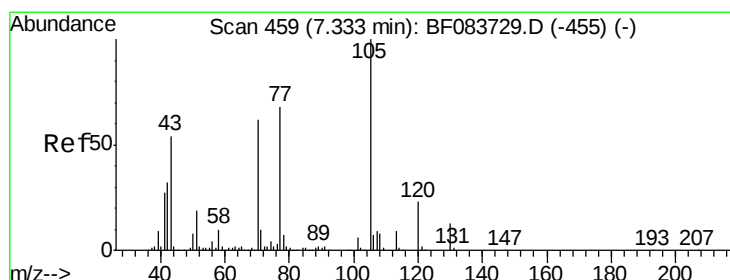
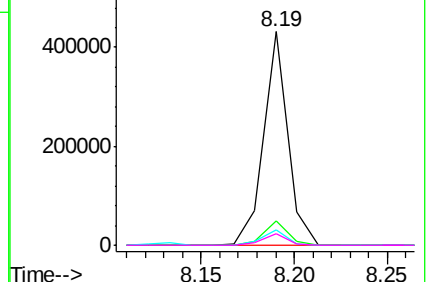
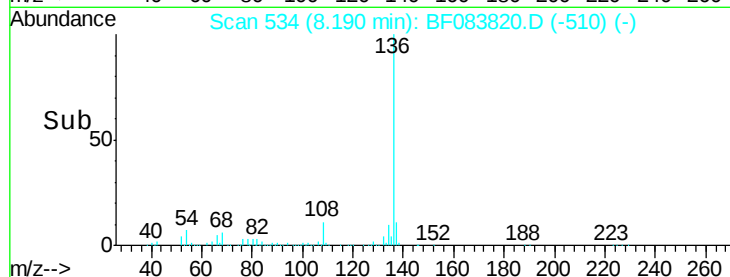


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.55 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Tgt Ion:105 Resp: 469011

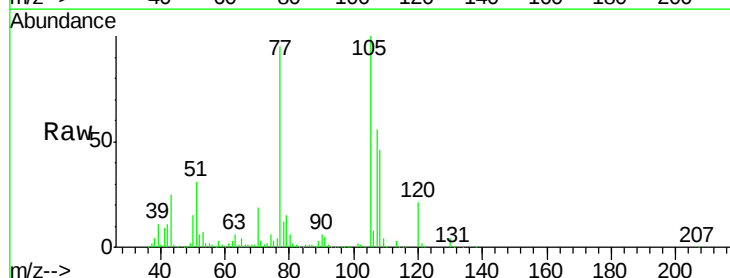
Ion Ratio Lower Upper

105 100

71 3.2 1.3 1.9#

51 31.1 23.8 35.8

120 20.9 16.7 25.1

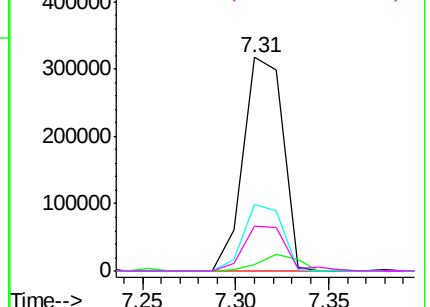
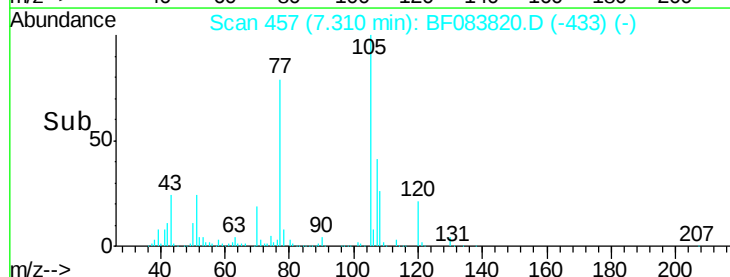


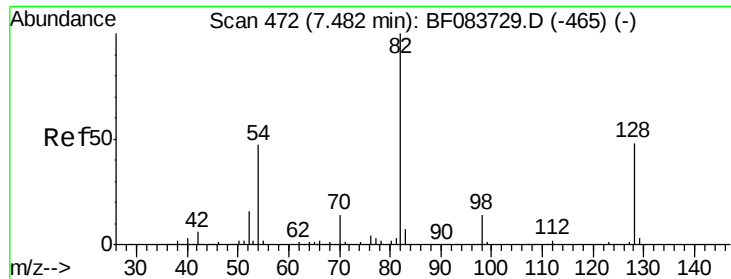
Abundance Ion 105.00 (104.70 to 105.70): E

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

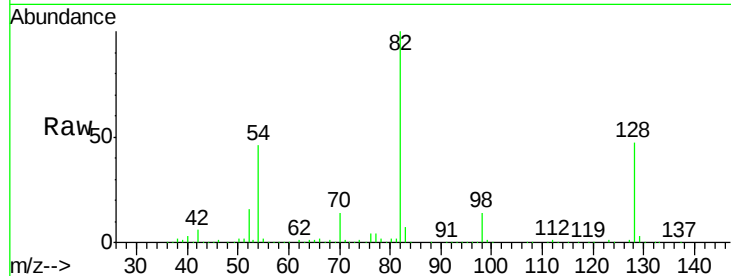




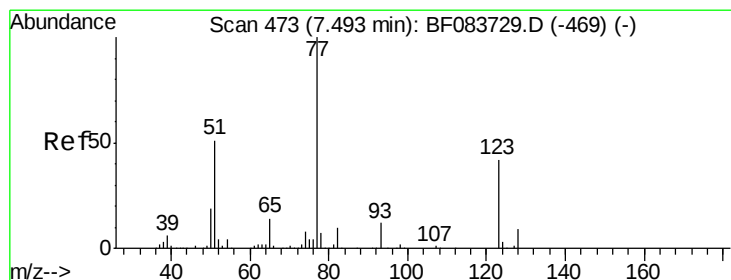
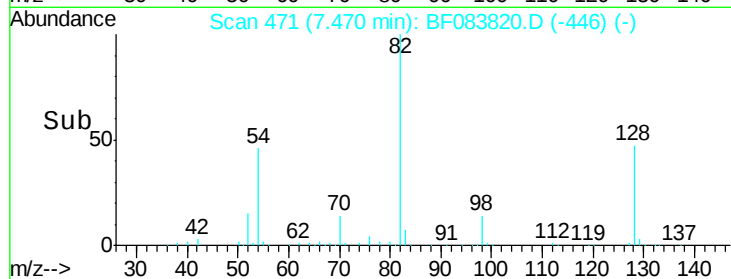
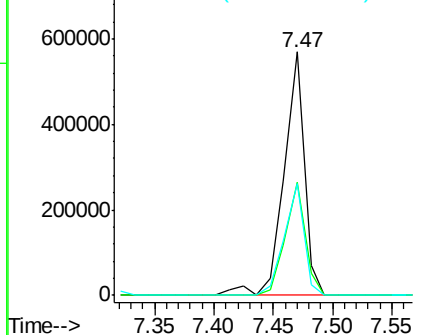
#23
Nitrobenzene-d5
Concen: 95.84 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
K206-0-2MSD

Tgt Ion: 82 Resp: 674594
Ion Ratio Lower Upper
82 100
128 46.7 30.7 46.1#
54 46.1 42.5 63.7

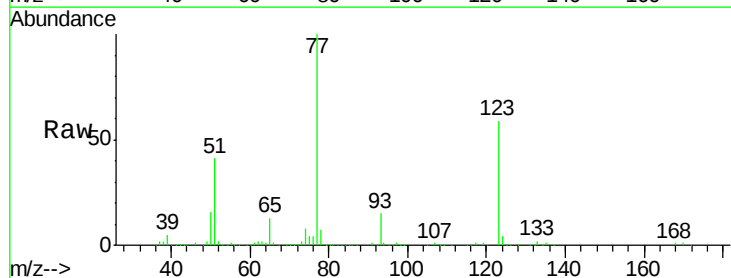


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

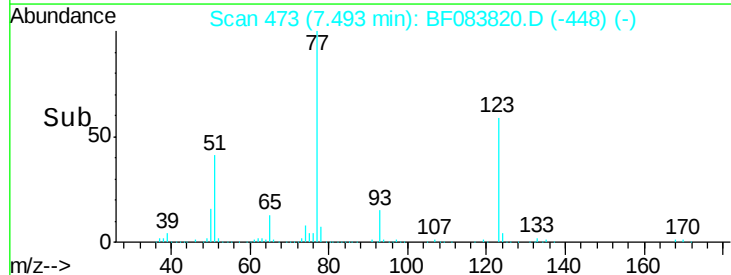
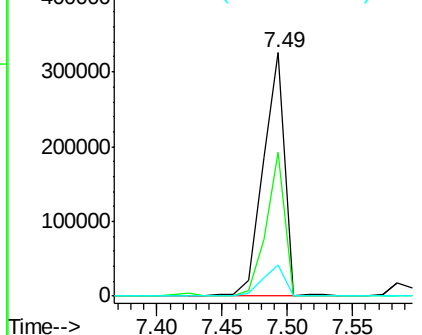


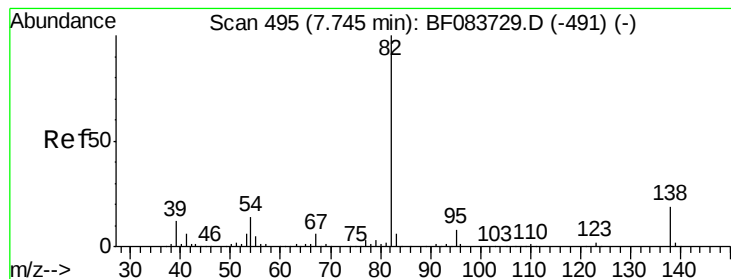
#24
Nitrobenzene
Concen: 50.41 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Tgt Ion: 77 Resp: 369316
Ion Ratio Lower Upper
77 100
123 59.2 29.8 44.6#
65 13.0 11.1 16.7



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





#25

Isophorone

Concen: 46.47 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

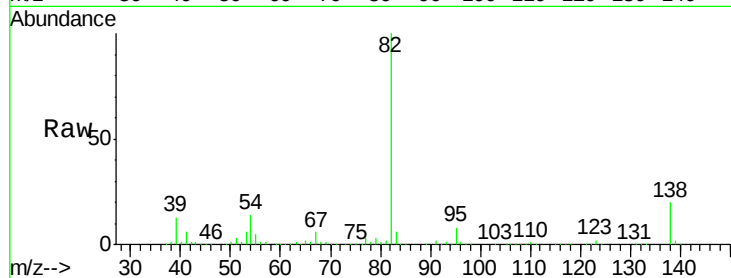
Tgt Ion: 82 Resp: 641722

Ion Ratio Lower Upper

82 100

95 7.8 5.0 7.4#

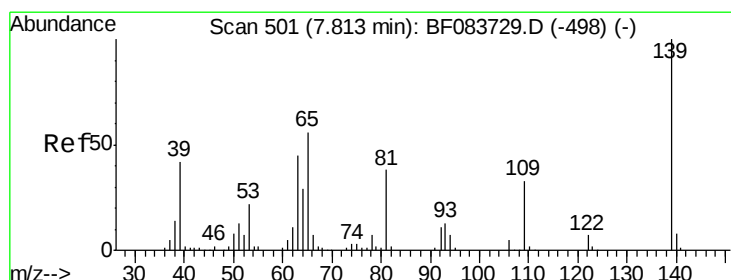
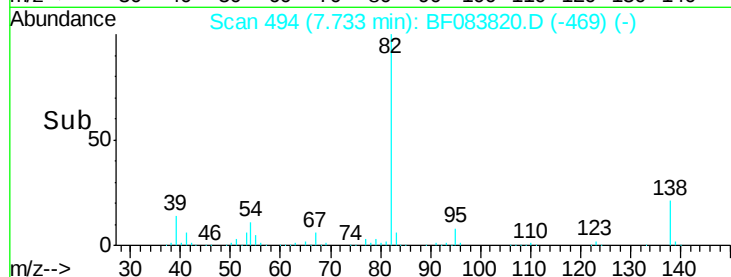
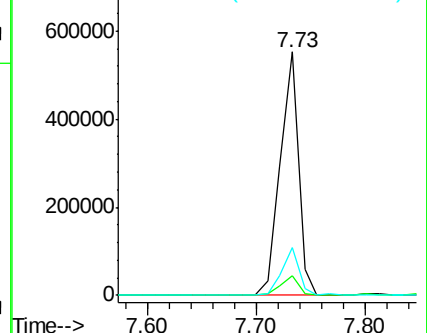
138 19.7 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.02 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

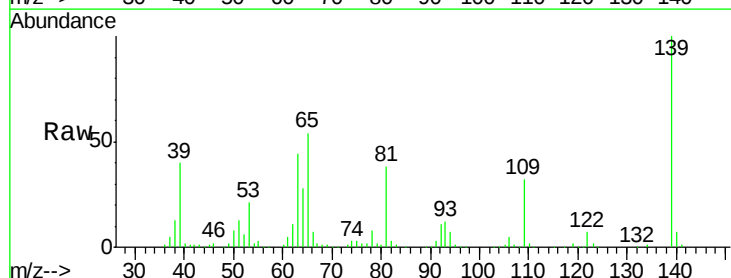
Tgt Ion: 139 Resp: 172503

Ion Ratio Lower Upper

139 100

109 32.4 22.7 34.1

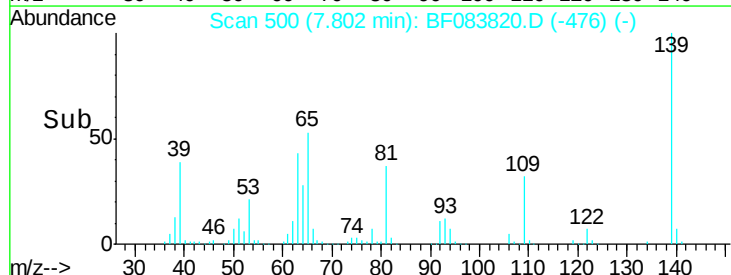
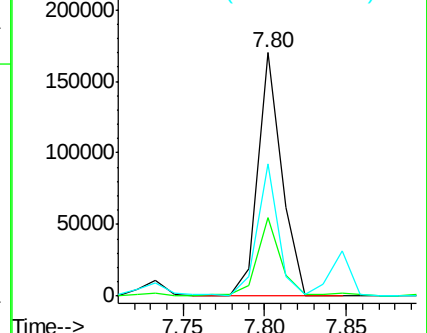
65 54.2 51.8 77.8

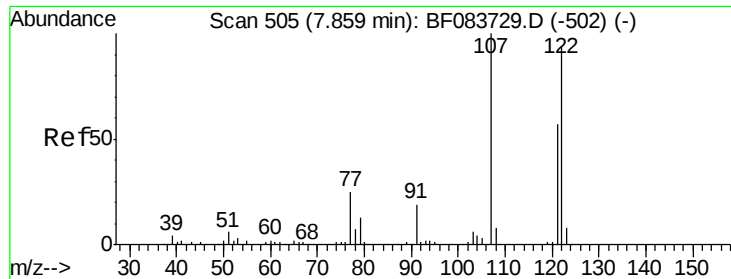


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

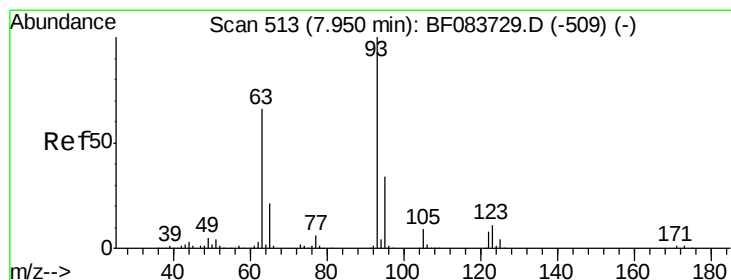
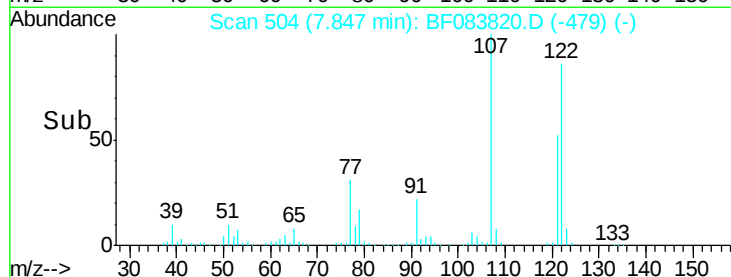
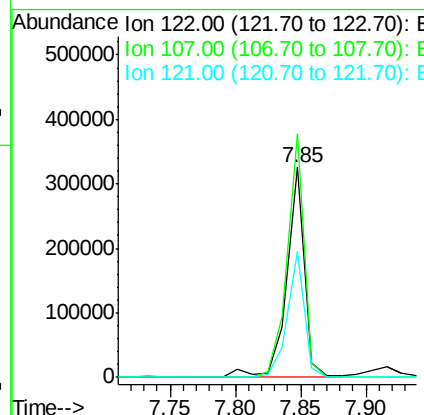
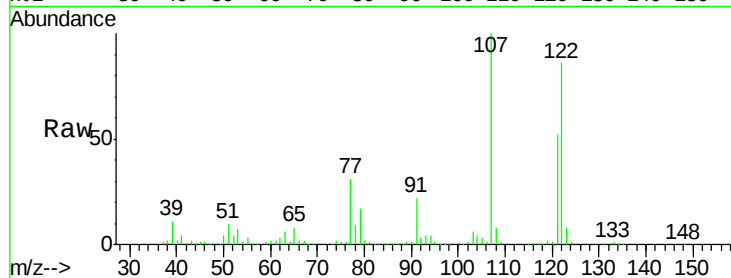




#27
 2,4-Dimethylphenol
 Concen: 45.05 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

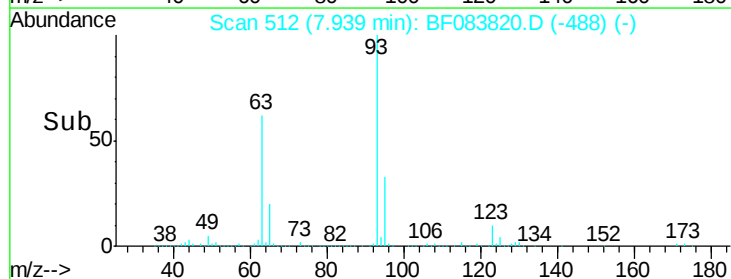
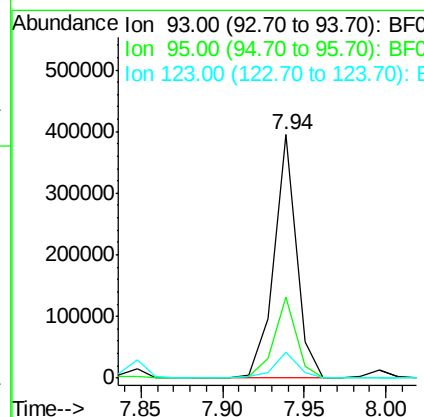
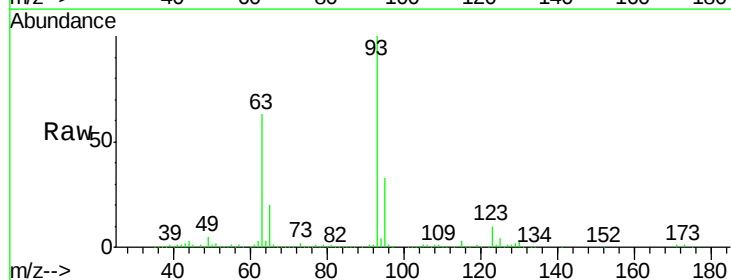
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

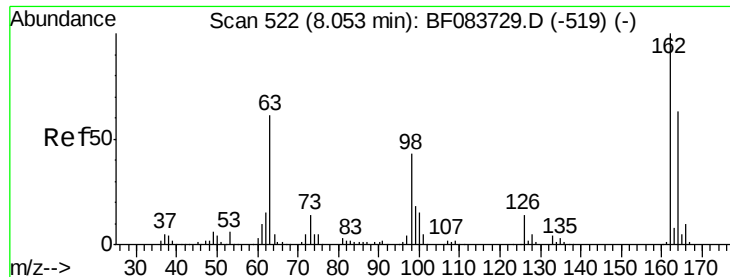
Tgt Ion:122 Resp: 311509
 Ion Ratio Lower Upper
 122 100
 107 115.8 92.4 138.6
 121 60.0 45.8 68.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.22 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion: 93 Resp: 379956
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.6 38.4
 123 10.5 7.3 10.9

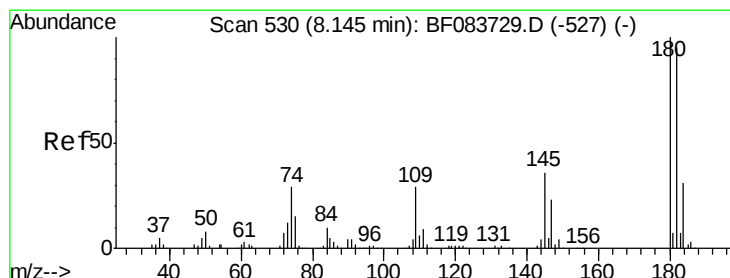
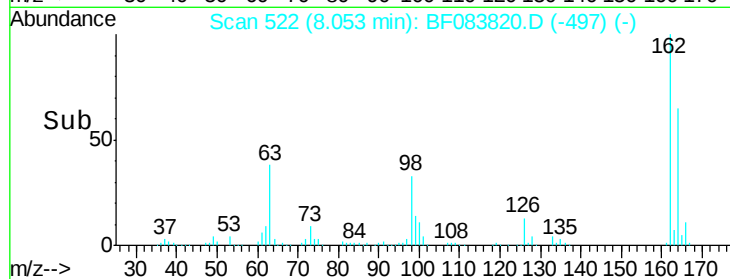
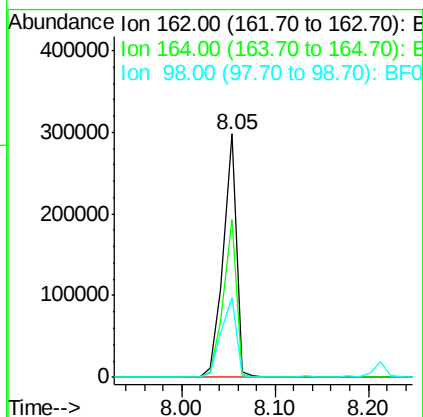
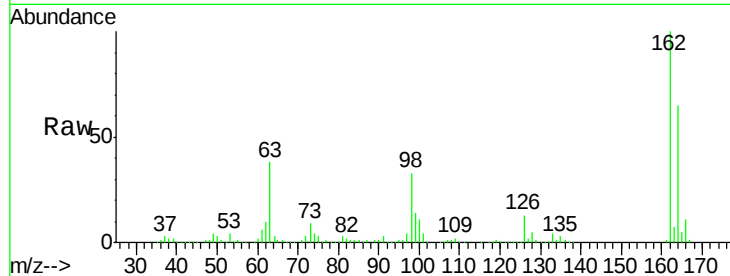




#29
 2,4-Dichlorophenol
 Concen: 51.72 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

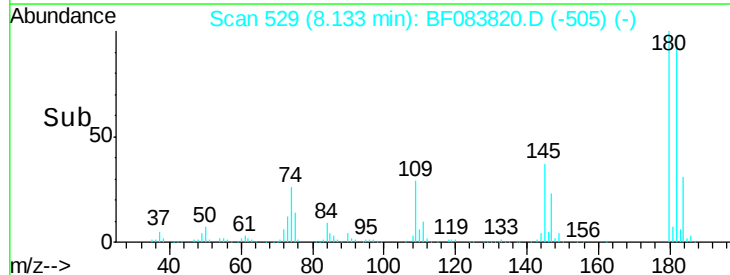
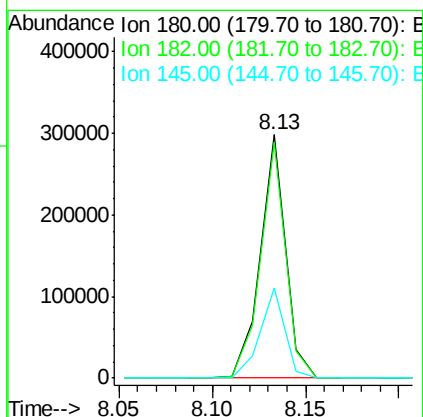
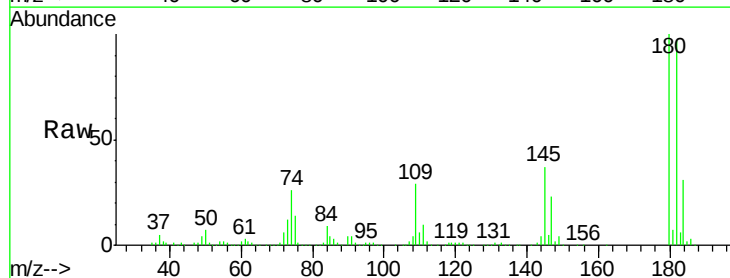
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

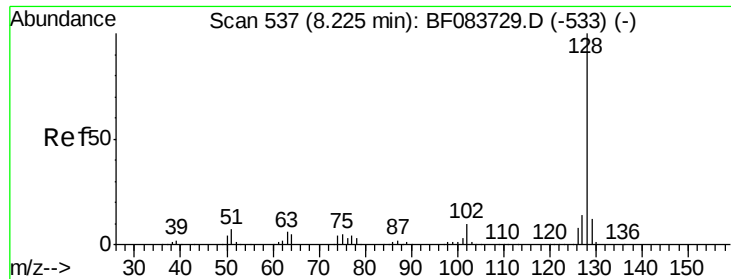
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.4	83.4
98	32.6	17.5	57.5



#30
 1,2,4-Trichlorobenzene
 Concen: 47.03 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.9	112.3
145	36.7	24.7	37.1

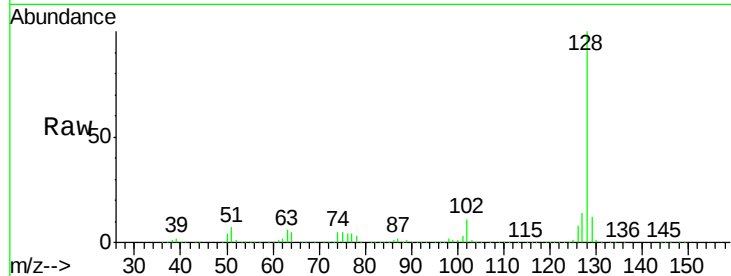




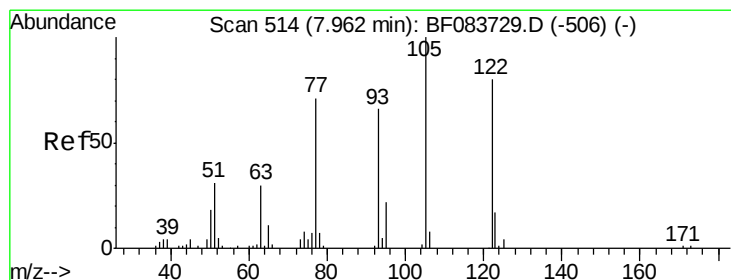
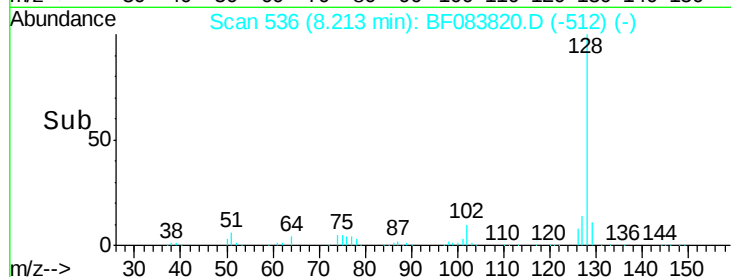
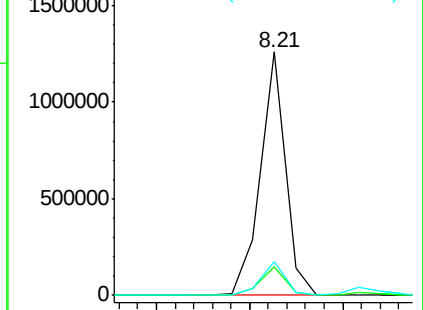
#31
Naphthalene
Concen: 56.64 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
K206-0-2MSD

Tgt Ion:128 Resp: 1162596
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 14.0 10.6 16.0

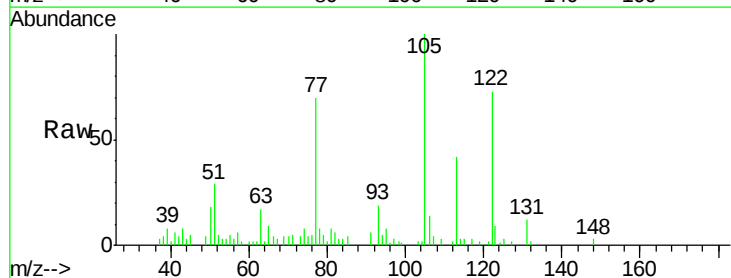


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

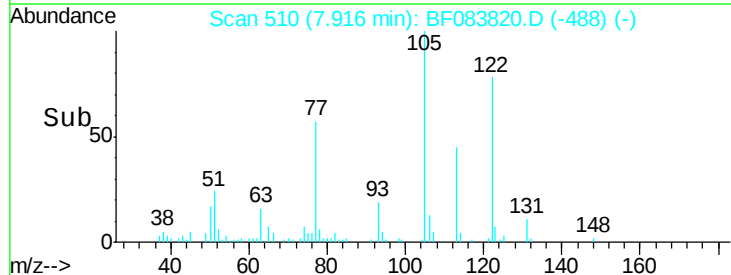
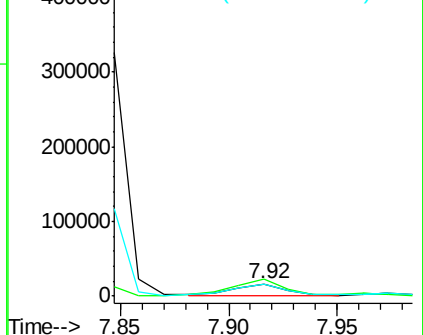


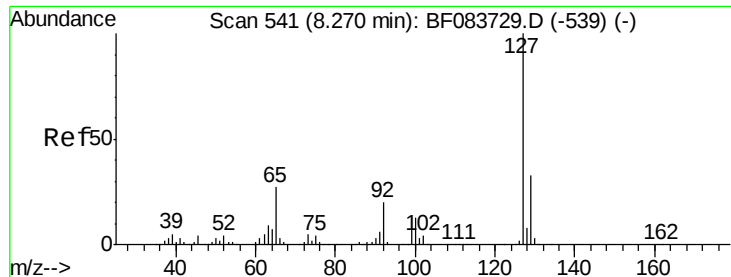
#32
Benzoic acid
Concen: 6.72 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Tgt Ion:122 Resp: 28964
Ion Ratio Lower Upper
122 100
105 136.1 105.6 145.6
77 95.4 86.8 126.8



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

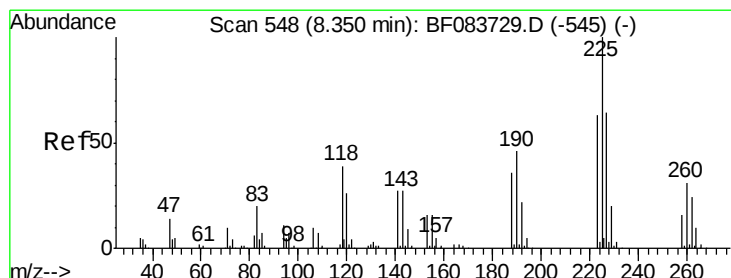
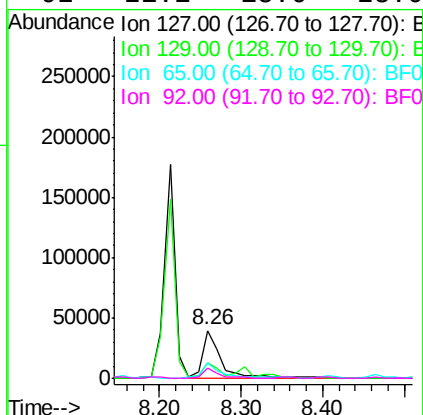
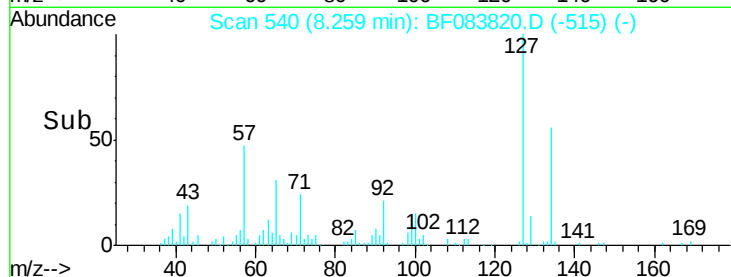
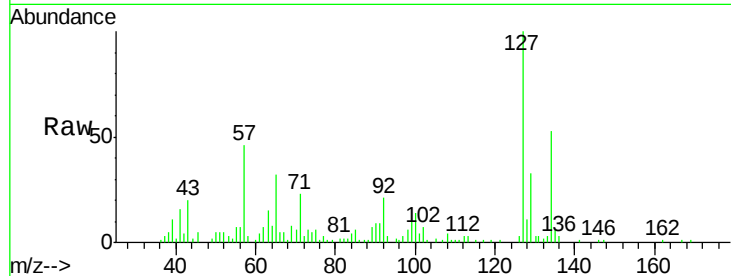




#33
4-Chloroaniline
Concen: 7.17 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

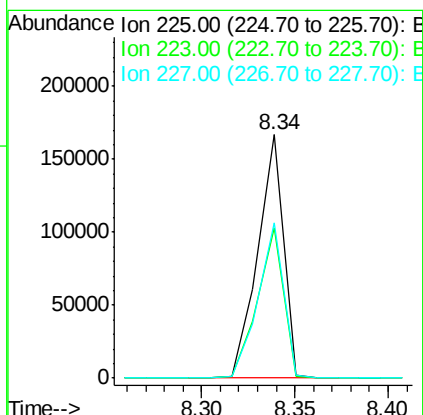
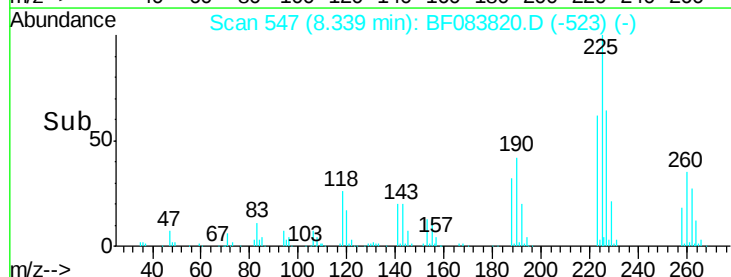
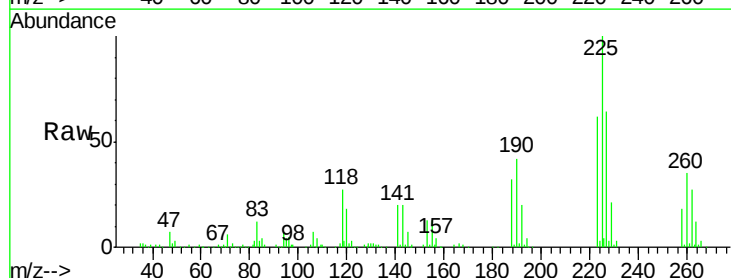
Instrument :
BNA_F
ClientSampleId :
K206-0-2MSD

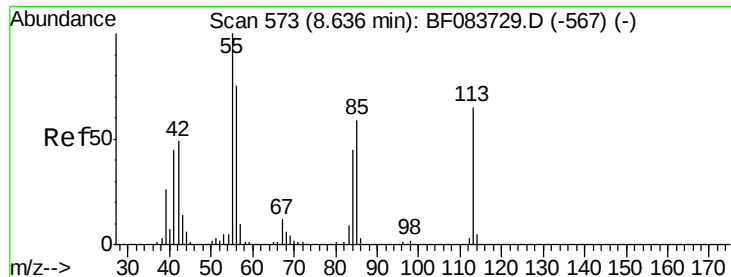
Tgt Ion:	127	Resp:	60109
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	31.8	33.5	50.3#
92	21.1	18.6	28.0



#34
Hexachlorobutadiene
Concen: 49.12 ng
RT: 8.34 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Tgt Ion:	225	Resp:	158688
Ion	Ratio	Lower	Upper
225	100		
223	61.6	52.3	78.5
227	63.6	50.4	75.6

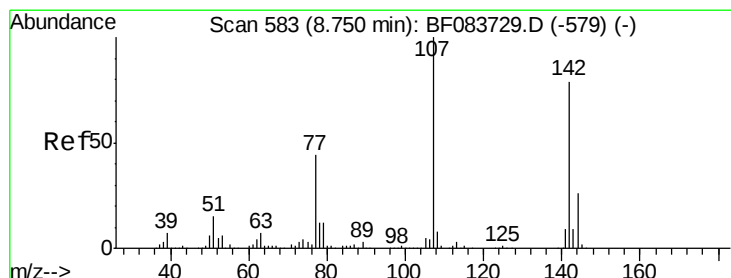
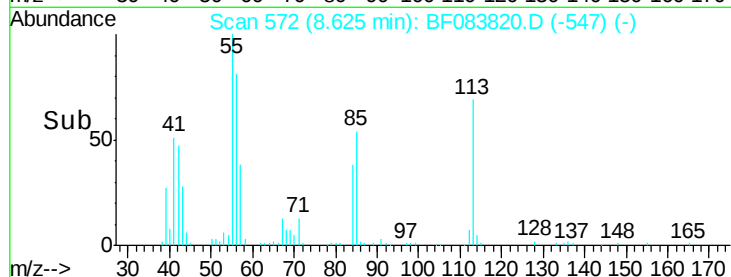
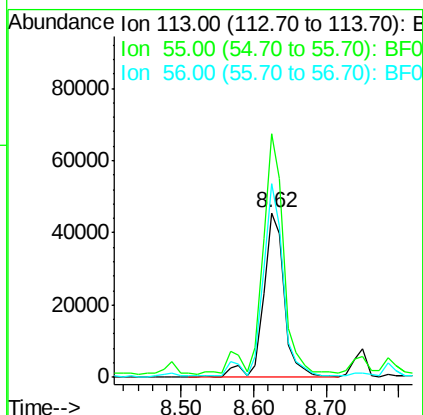
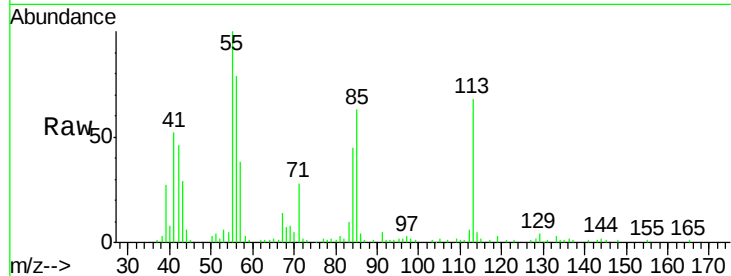




#35
 Caprolactam
 Concen: 50.82 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

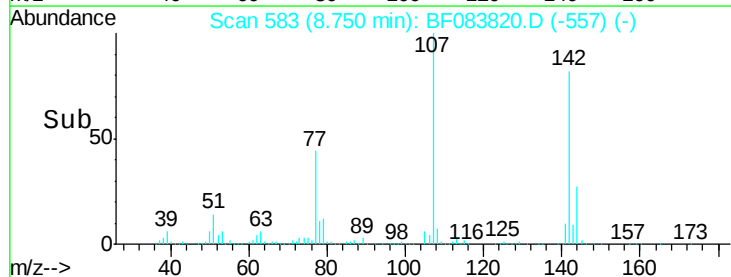
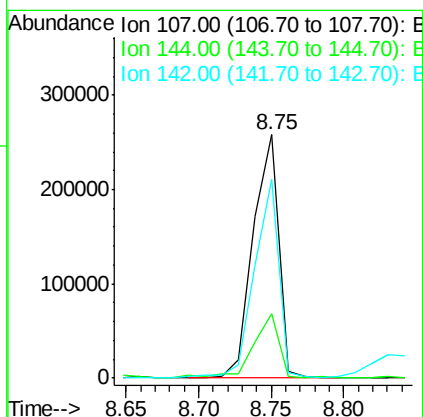
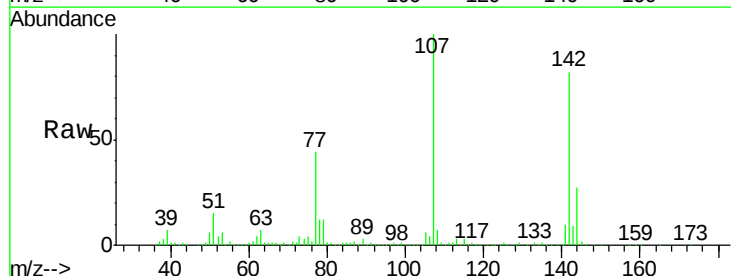
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

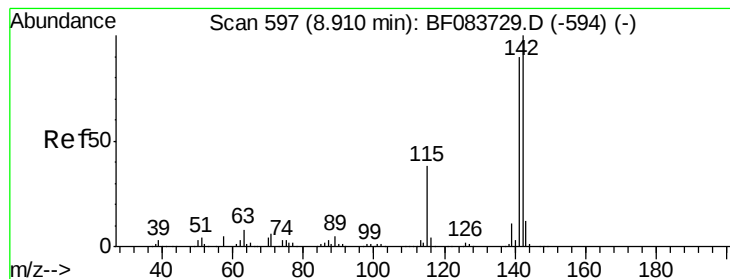
Tgt Ion:113 Resp: 92648
 Ion Ratio Lower Upper
 113 100
 55 148.0 189.7 229.7#
 56 117.5 130.7 170.7#



#36
 4-Chloro-3-methylphenol
 Concen: 47.25 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion:107 Resp: 313754
 Ion Ratio Lower Upper
 107 100
 144 26.5 17.5 26.3#
 142 81.8 53.6 80.4#





#37

2-Methylnaphthalene

Concen: 60.67 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

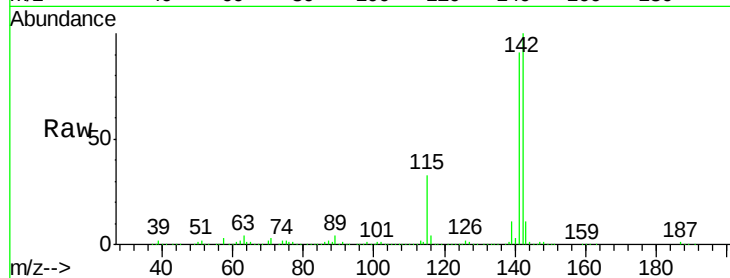
Tgt Ion:142 Resp: 781925

Ion Ratio Lower Upper

142 100

141 90.8 70.3 105.5

115 33.0 29.2 43.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.91

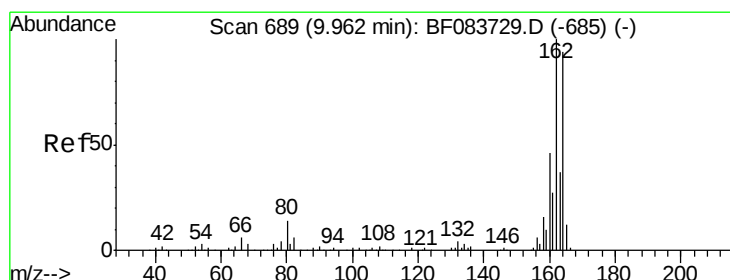
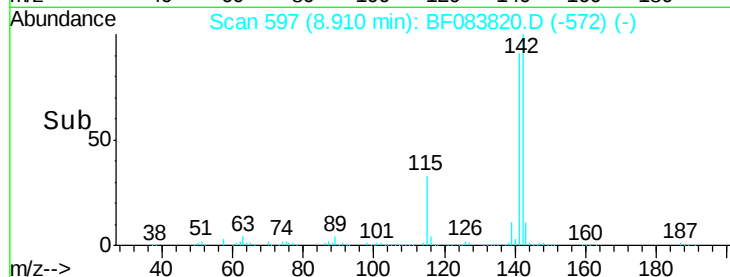
600000

400000

200000

0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

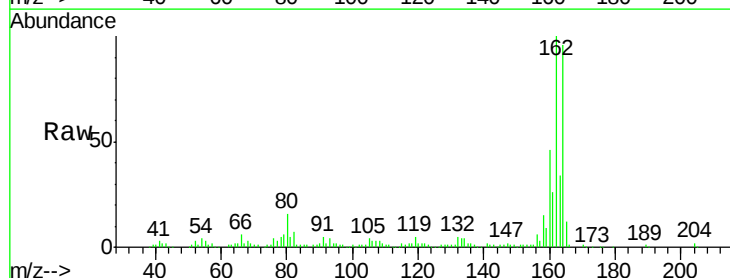
Tgt Ion:164 Resp: 162739

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

160 47.4 33.4 50.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.95

200000

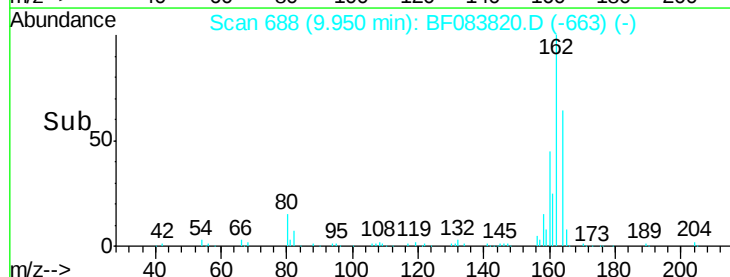
150000

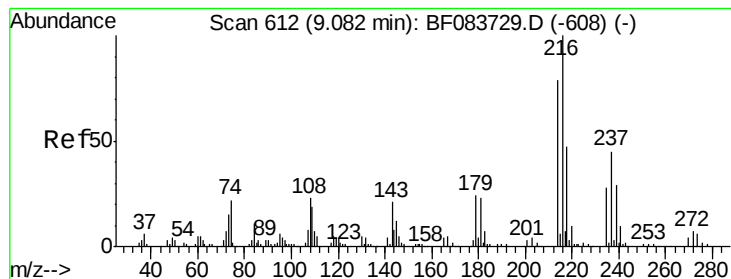
100000

50000

0

Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.75 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

Tgt Ion:216 Resp: 238867

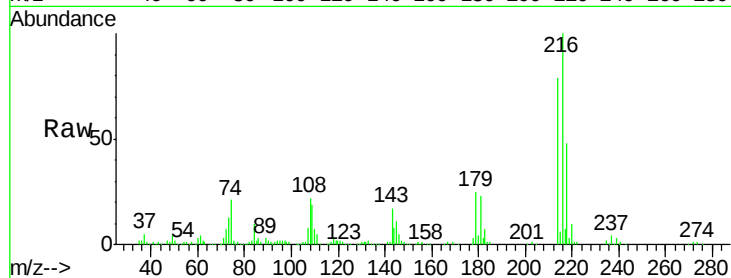
Ion Ratio Lower Upper

216 100

214 79.4 0.0 0.0#

179 23.7 0.0 0.0#

108 21.2 0.0 0.0#

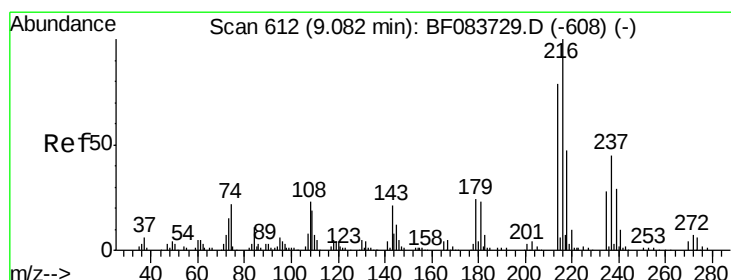
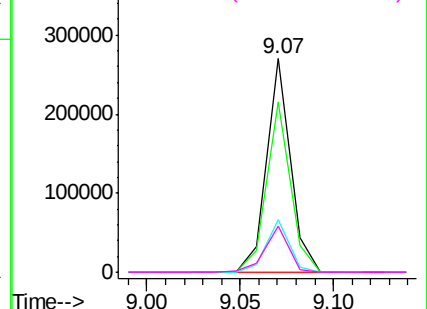
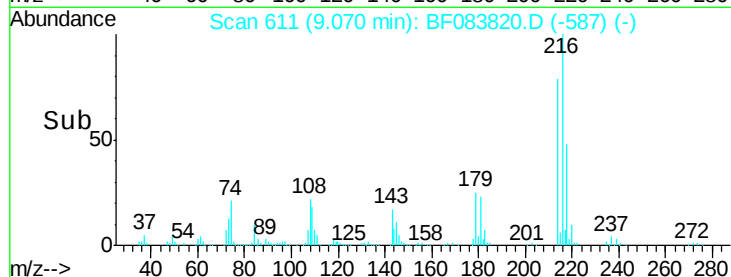


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.64 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

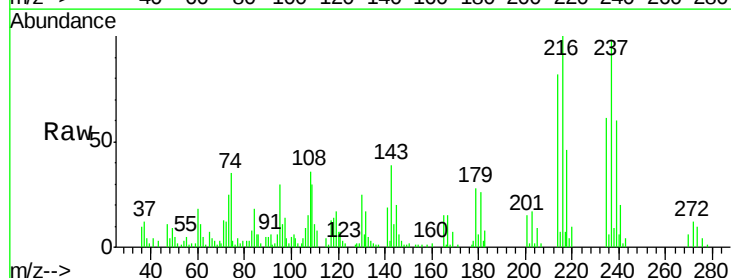
Tgt Ion:237 Resp: 33173

Ion Ratio Lower Upper

237 100

235 62.3 43.9 83.9

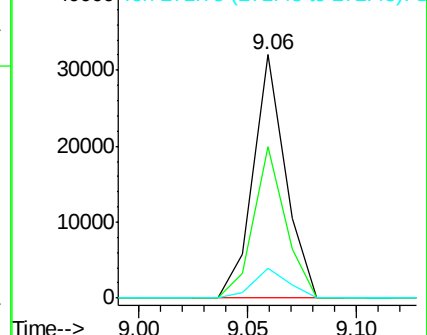
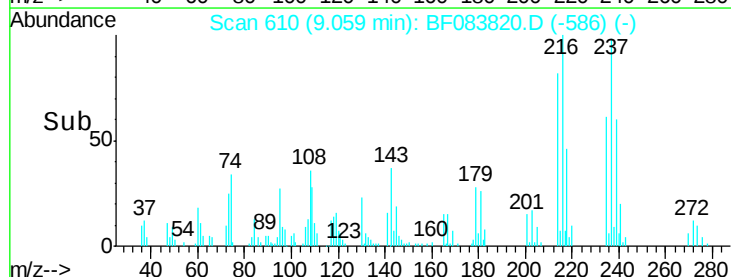
272 12.3 0.0 31.8

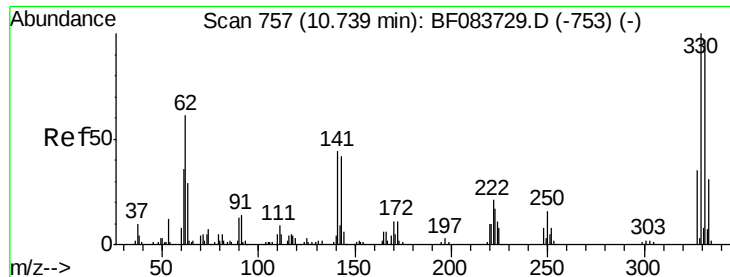


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

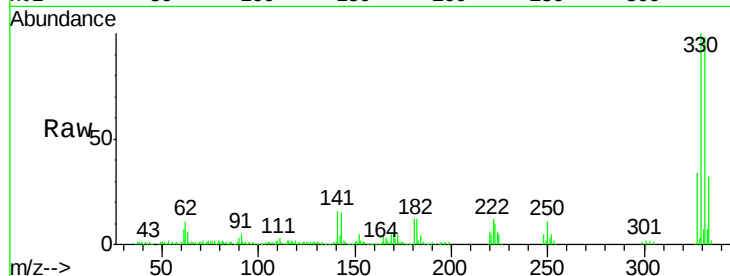




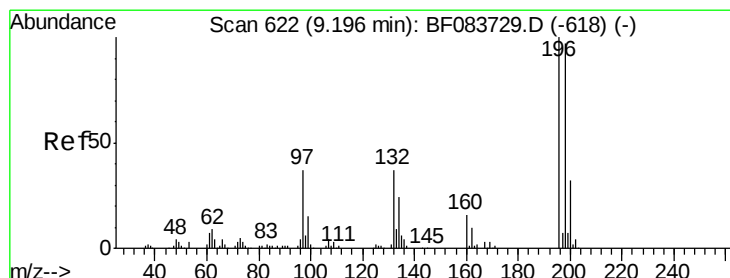
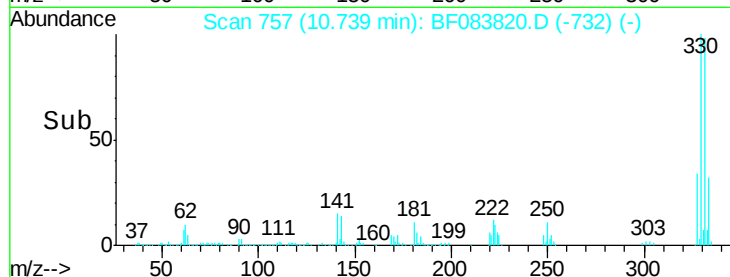
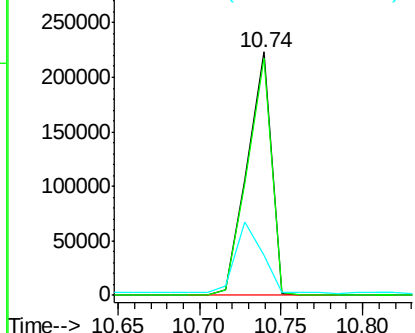
#41
 2,4,6-Tribromophenol
 Concen: 139.47 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	32.5	0.0	0.0#

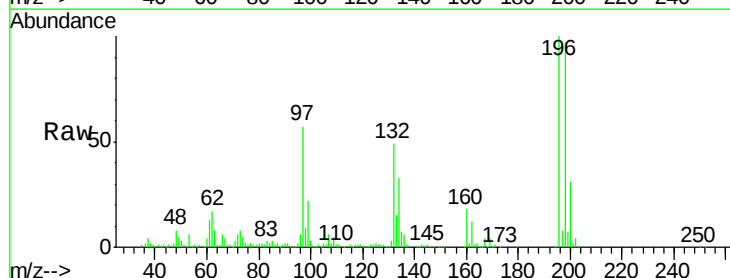


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

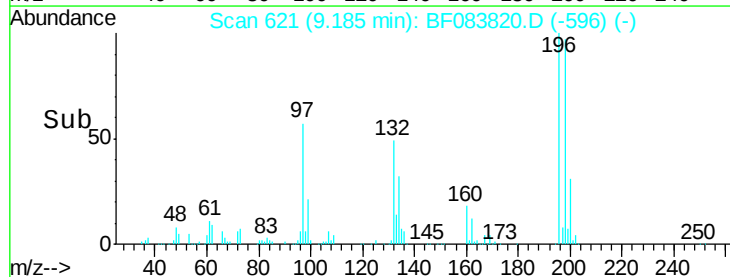
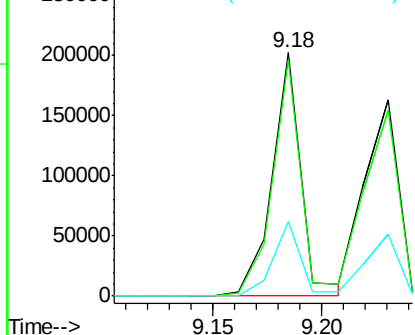


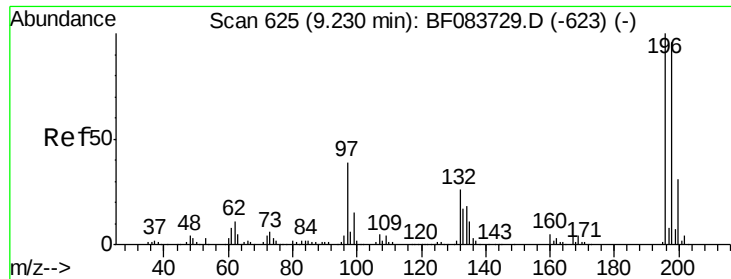
#42
 2,4,6-Trichlorophenol
 Concen: 53.41 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.2	112.8
200	30.9	23.0	34.6



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

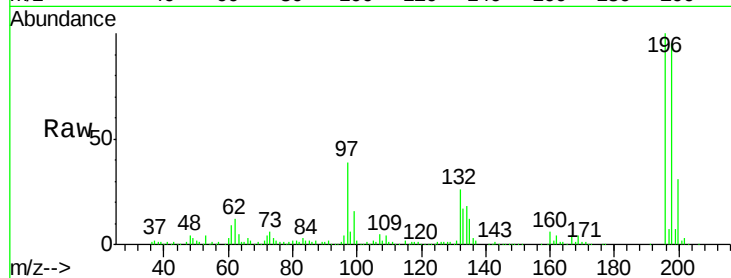




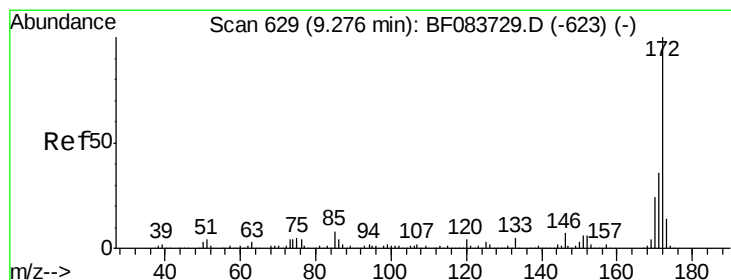
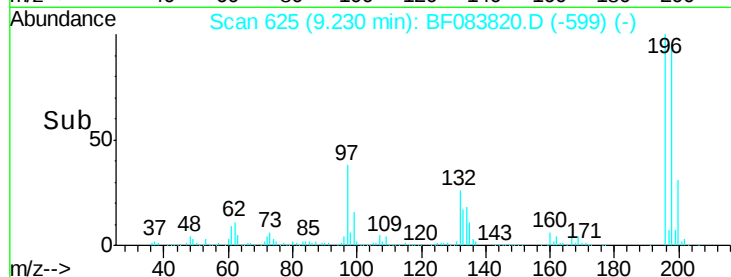
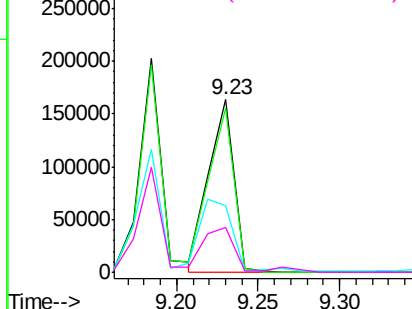
#43
 2,4,5-Trichlorophenol
 Concen: 53.31 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

Tgt Ion:196 Resp: 177708
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.7 116.5
 97 38.8 41.2 61.8#
 132 26.1 21.8 32.8

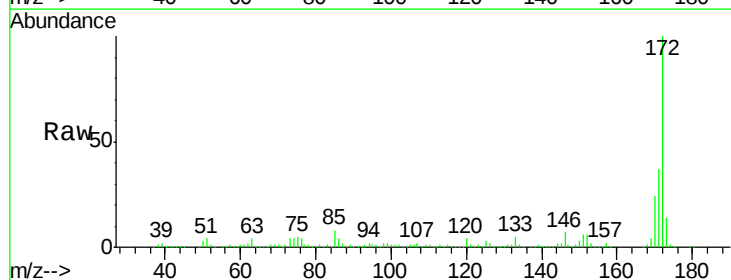


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

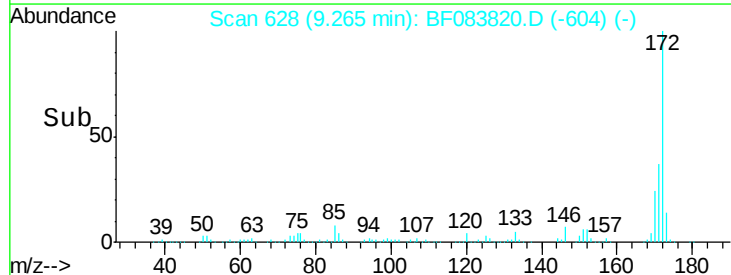
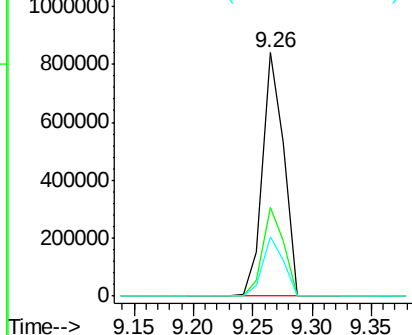


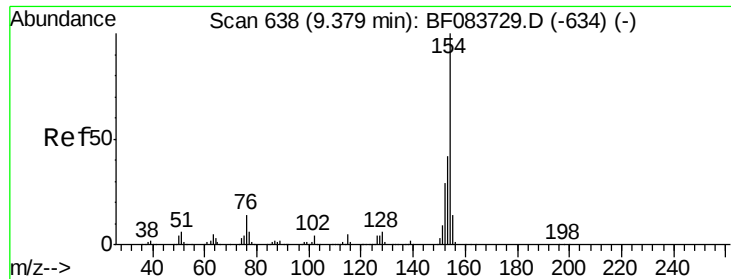
#44
 2-Fluorobiphenyl
 Concen: 100.10 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion:172 Resp: 1050701
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 42.8
 170 24.3 19.4 29.0



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

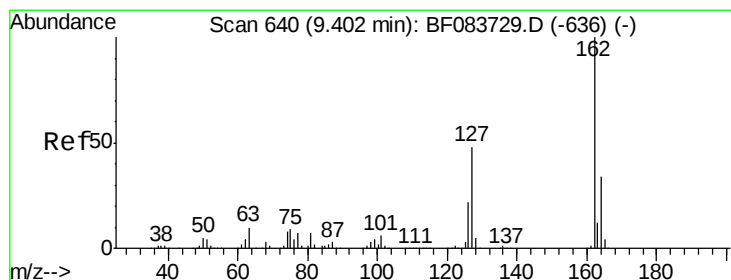
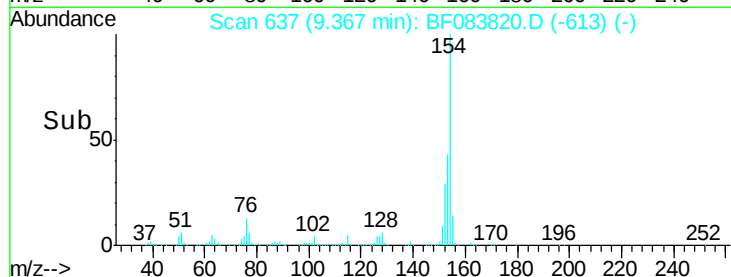
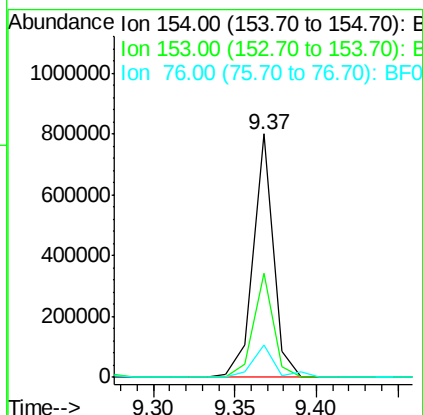
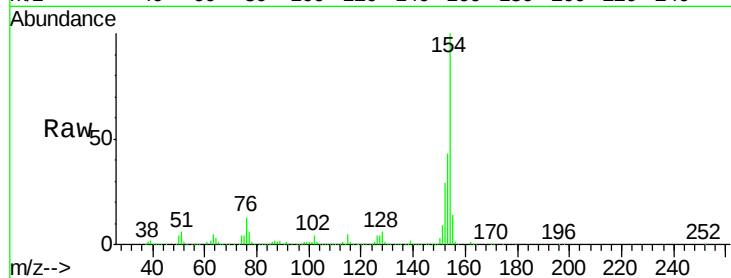




#45
 1,1'-Biphenyl
 Concen: 47.63 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

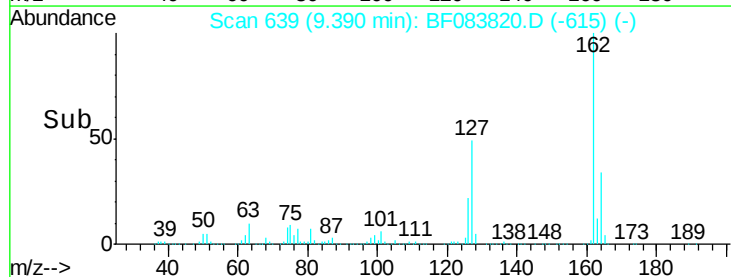
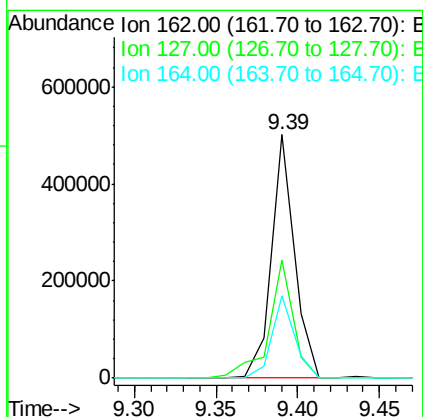
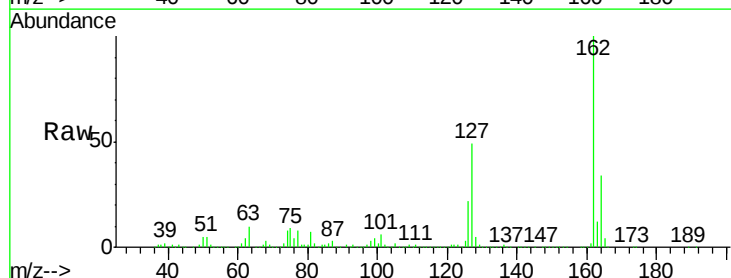
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

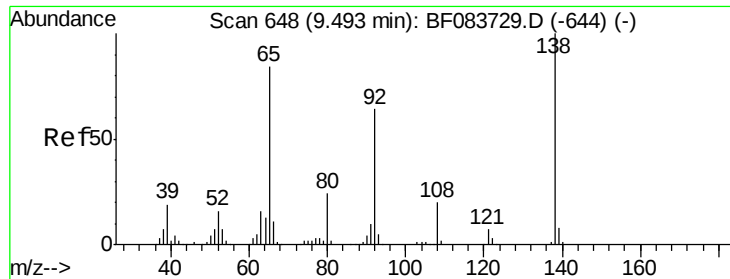
Tgt Ion:154 Resp: 686968
 Ion Ratio Lower Upper
 154 100
 153 42.6 20.2 60.2
 76 13.2 0.0 34.8



#46
 2-Chloronaphthalene
 Concen: 46.49 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion:162 Resp: 494983
 Ion Ratio Lower Upper
 162 100
 127 48.7 31.0 46.4#
 164 33.6 27.4 41.0

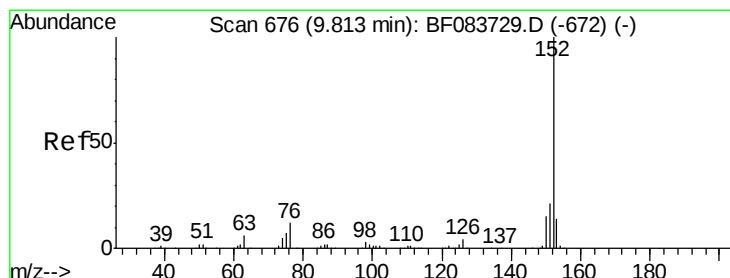
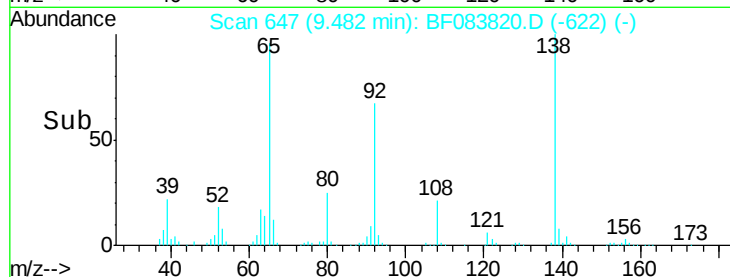
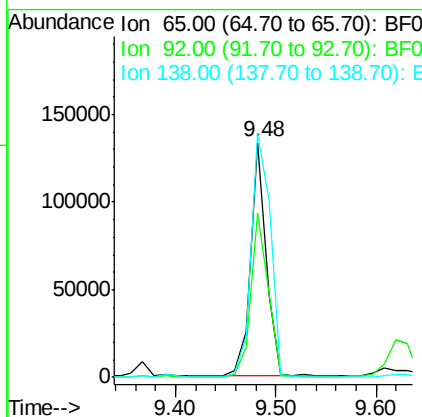
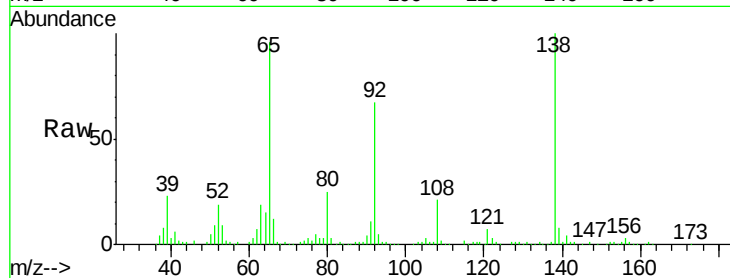




#47
 2-Nitroaniline
 Concen: 47.99 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

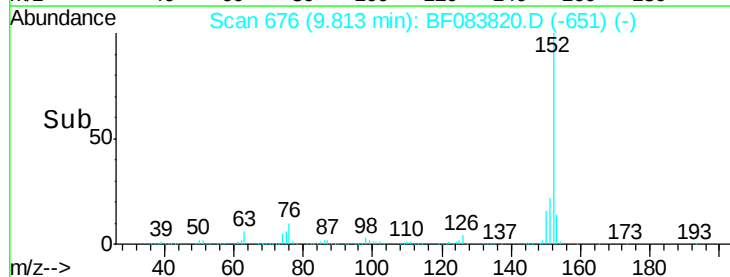
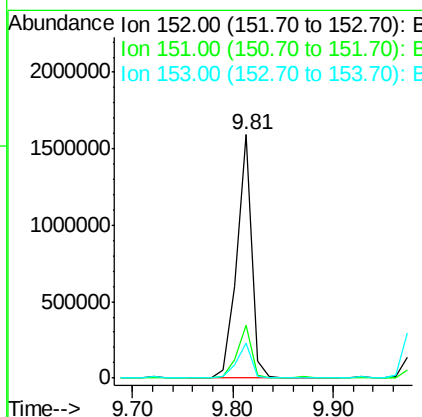
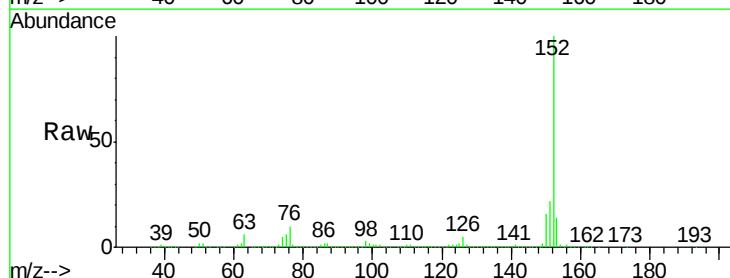
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

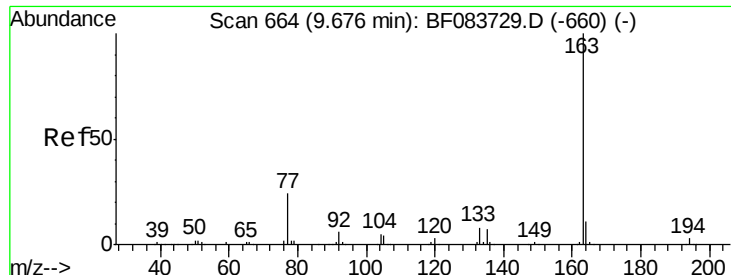
Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	49.6	74.4
138	103.7	64.1	96.1



#48
 Acenaphthylene
 Concen: 90.97 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.3	24.5
153	14.3	10.8	16.2

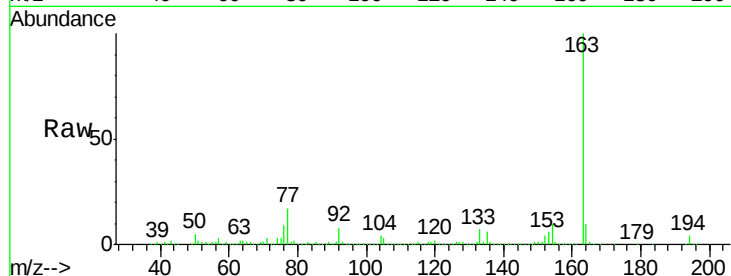




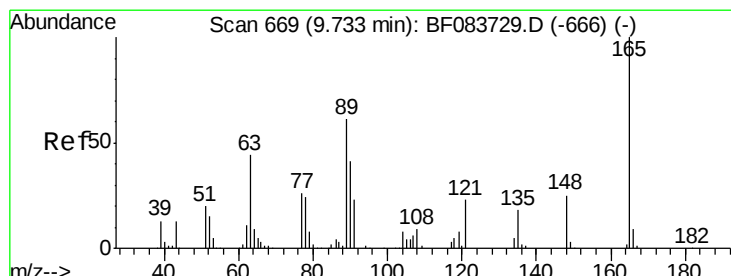
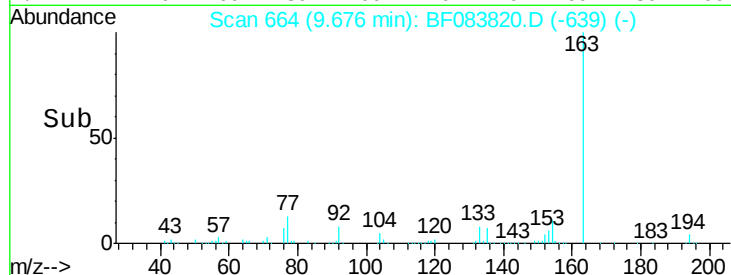
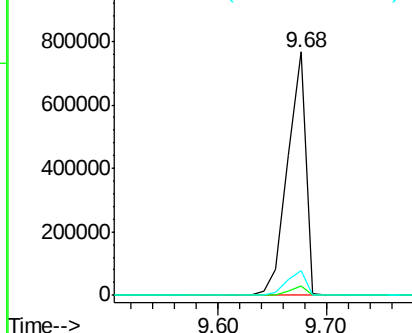
#49
Dimethylphthalate
Concen: 70.93 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
K206-0-2MSD

Tgt Ion:163 Resp: 899953
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.4 8.6 13.0

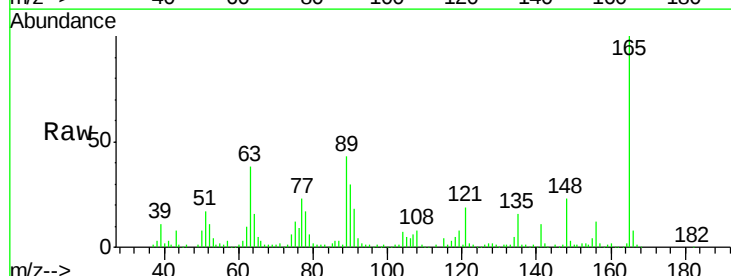


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

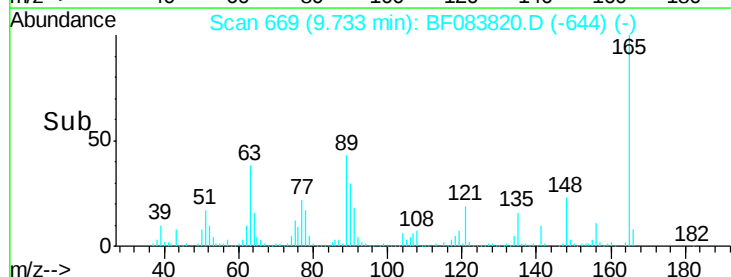
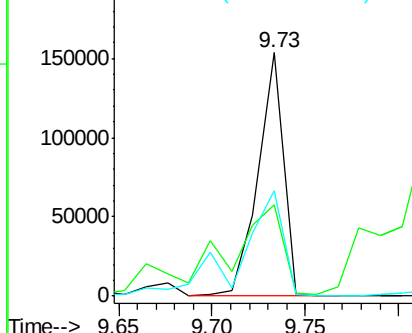


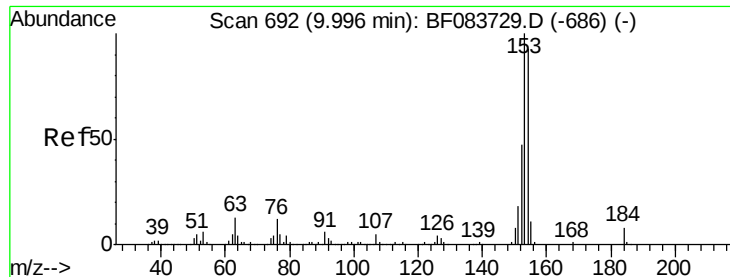
#50
2,6-Dinitrotoluene
Concen: 53.78 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Tgt Ion:165 Resp: 144809
Ion Ratio Lower Upper
165 100
63 37.7 56.9 85.3#
89 43.5 52.1 78.1#



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: 47.94 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

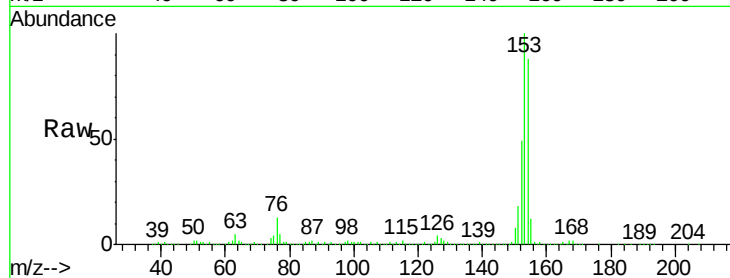
Tgt Ion:154 Resp: 519104

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.0

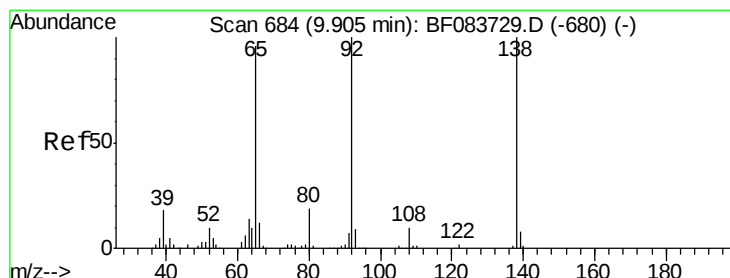
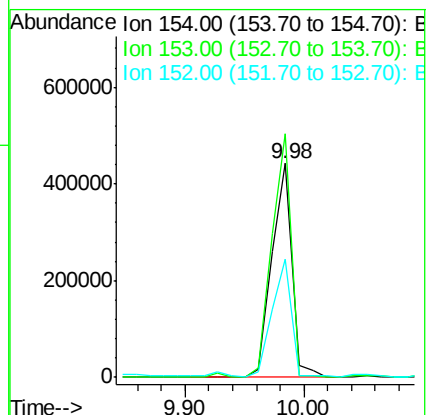
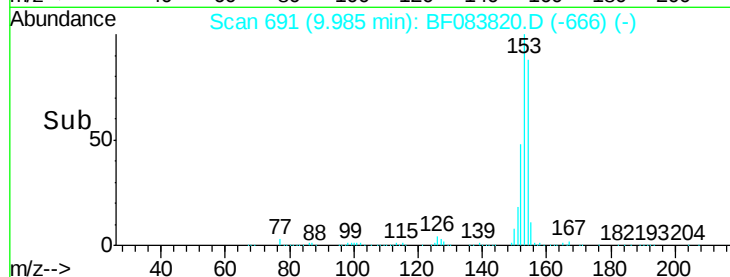
152 55.5 43.4 65.2



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: 19.79 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

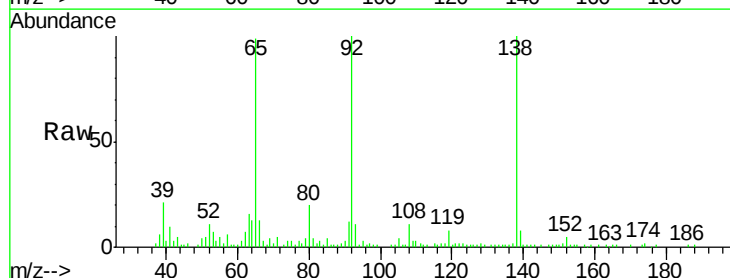
Tgt Ion:138 Resp: 61431

Ion Ratio Lower Upper

138 100

108 11.0 9.9 14.9

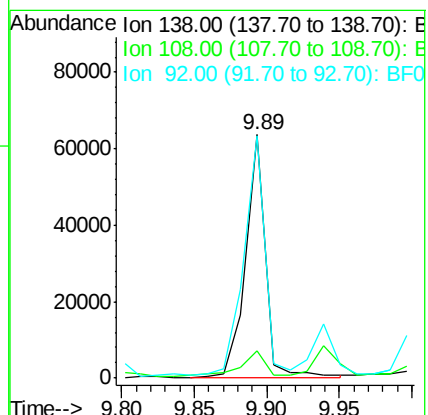
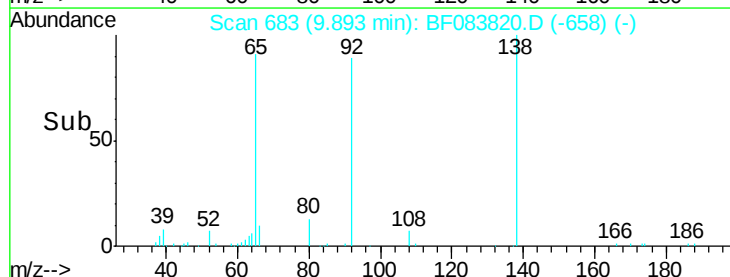
92 99.5 113.8 170.8#

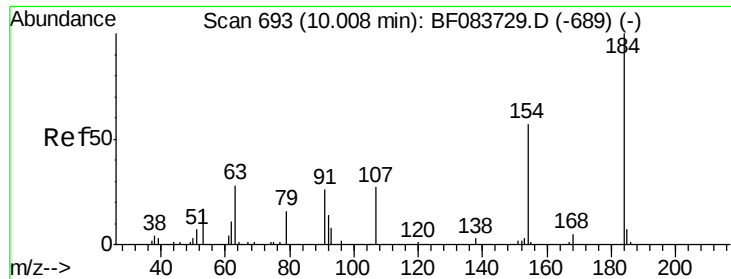


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

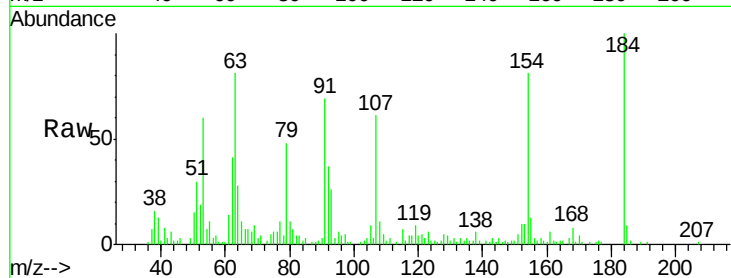




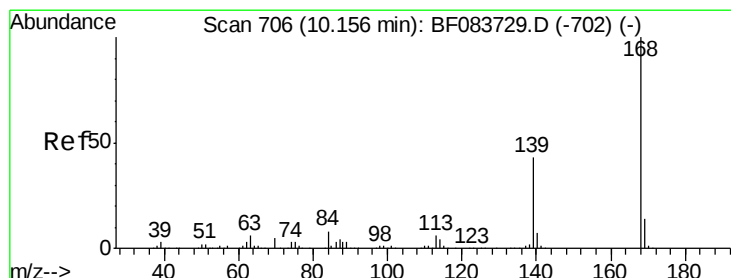
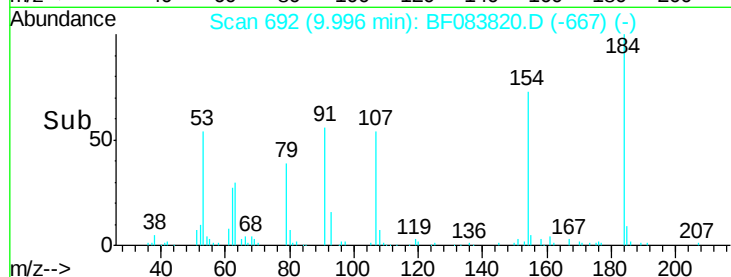
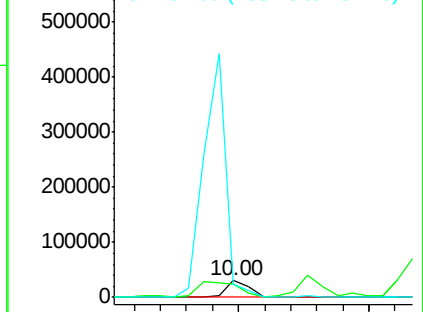
#53
2,4-Dinitrophenol
Concen: 35.97 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
K206-0-2MSD

Tgt Ion:184 Resp: 36929
Ion Ratio Lower Upper
184 100
63 81.3 62.4 93.6
154 81.1 46.6 69.8#

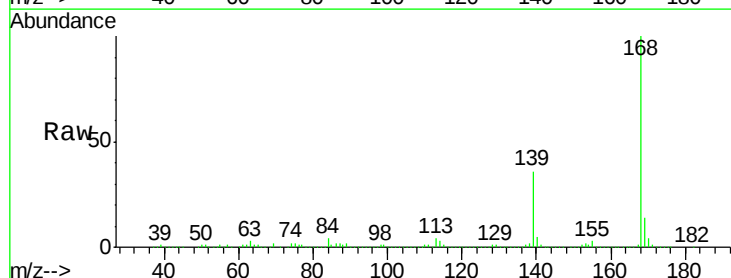


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

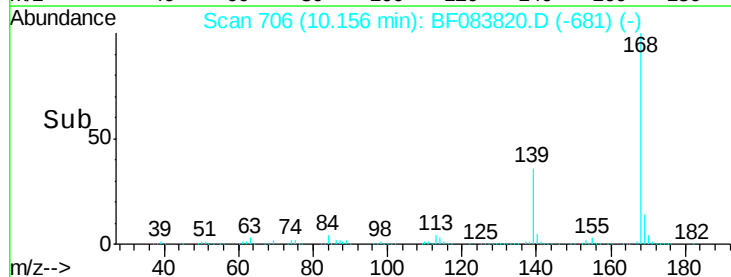
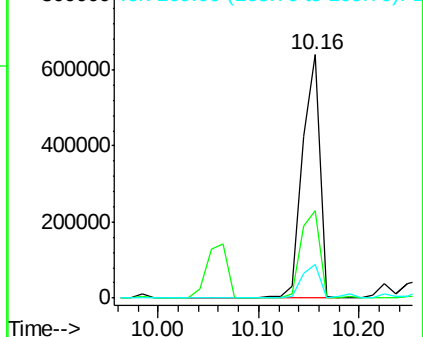


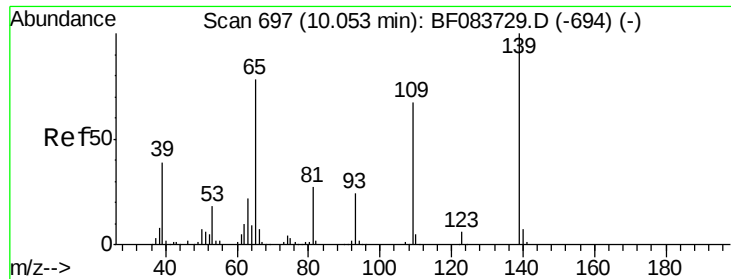
#54
Dibenzofuran
Concen: 53.18 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Tgt Ion:168 Resp: 762957
Ion Ratio Lower Upper
168 100
139 36.1 28.0 42.0
169 13.8 10.8 16.2



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

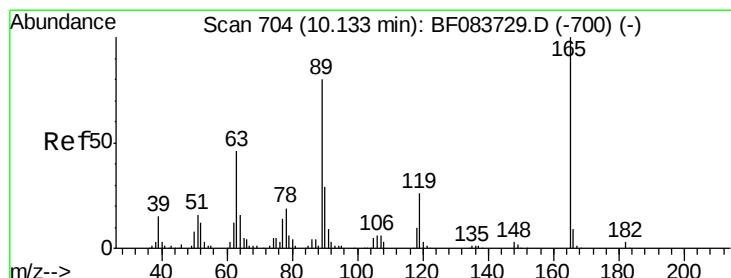
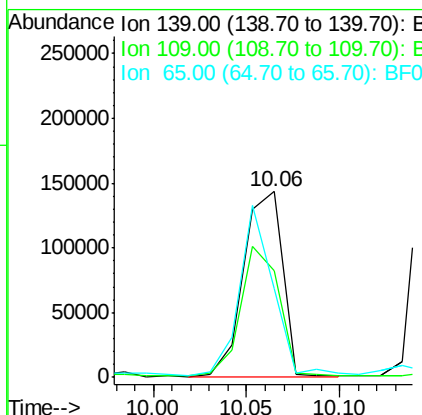
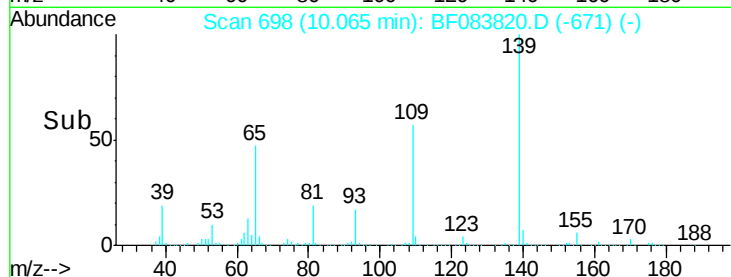
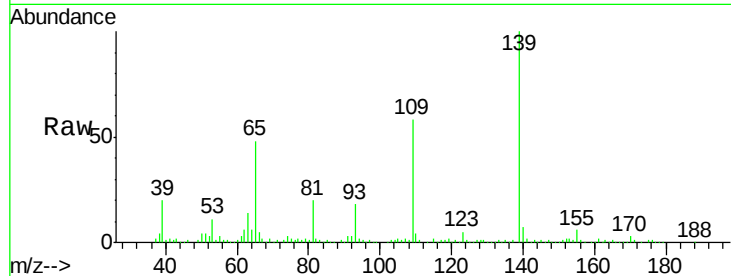




#55
4-Nitrophenol
Concen: 90.46 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

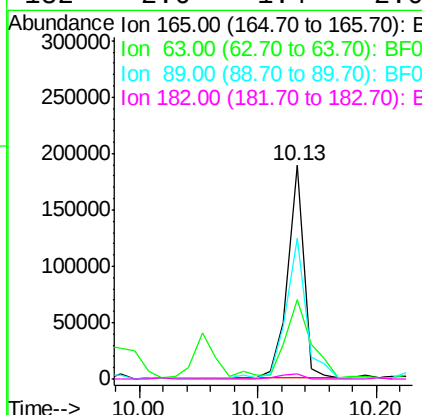
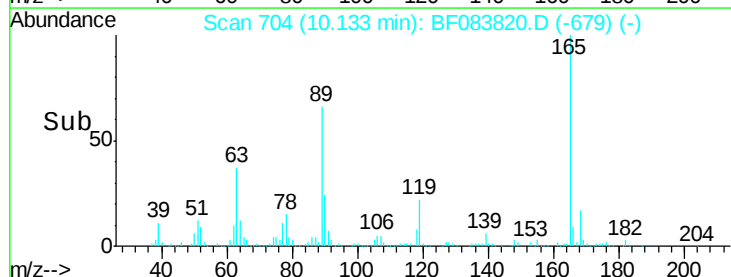
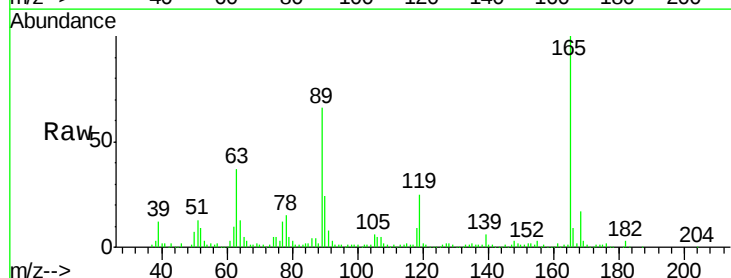
Instrument :
BNA_F
ClientSampleId :
K206-0-2MSD

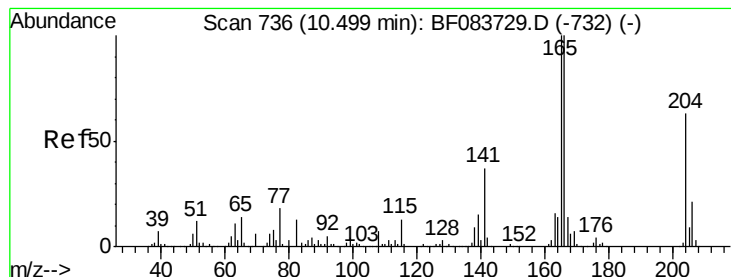
Tgt Ion:139 Resp: 207950
Ion Ratio Lower Upper
139 100
109 57.6 42.0 82.0
65 47.6 89.2 129.2#



#56
2,4-Dinitrotoluene
Concen: 49.86 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Tgt Ion:165 Resp: 175371
Ion Ratio Lower Upper
165 100
63 37.4 51.4 77.2#
89 66.2 72.6 108.8#
182 2.6 1.4 2.0#





#57

Fluorene

Concen: 57.33 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

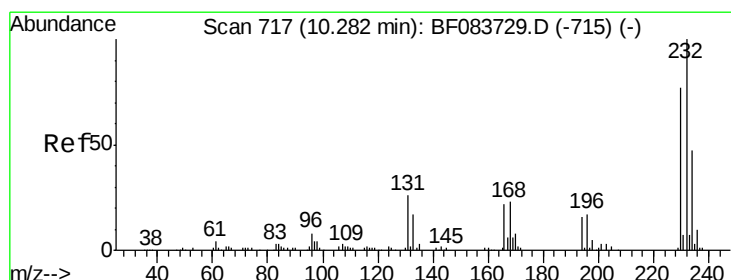
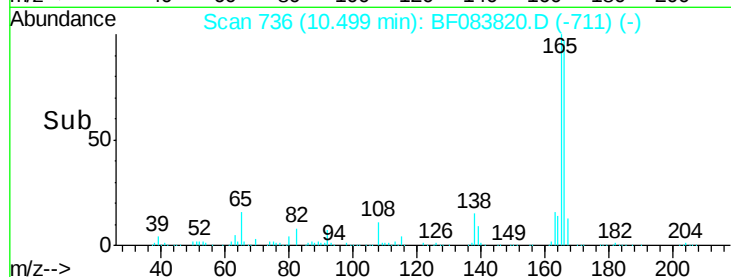
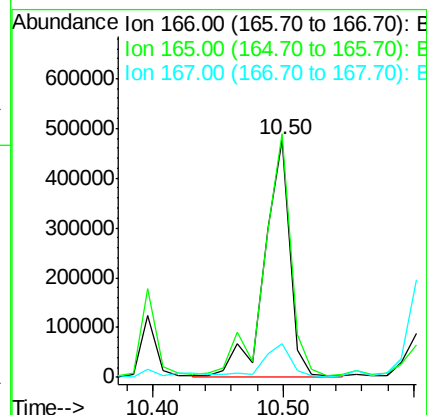
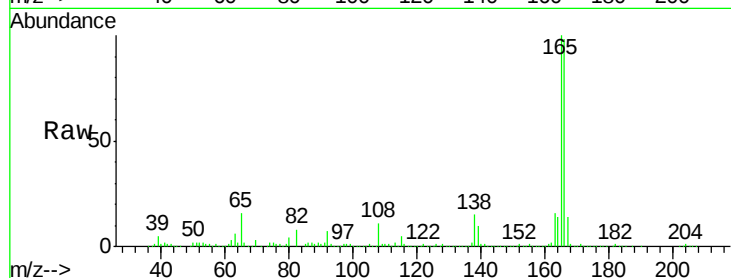
Tgt Ion:166 Resp: 647738

Ion Ratio Lower Upper

166 100

165 102.4 80.0 120.0

167 14.1 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.43 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Tgt Ion:232 Resp: 128582

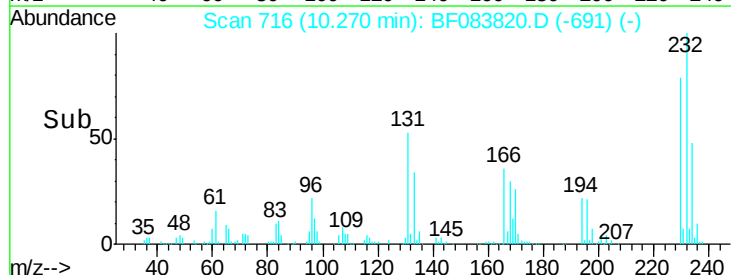
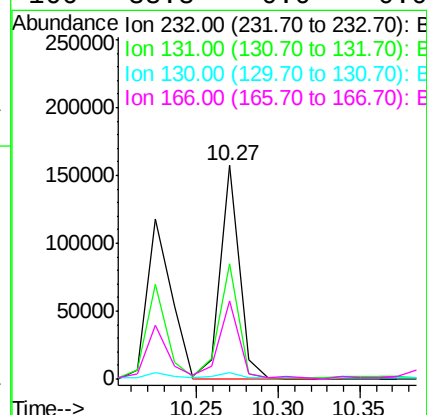
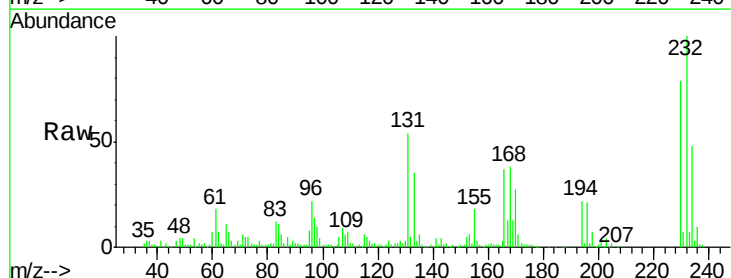
Ion Ratio Lower Upper

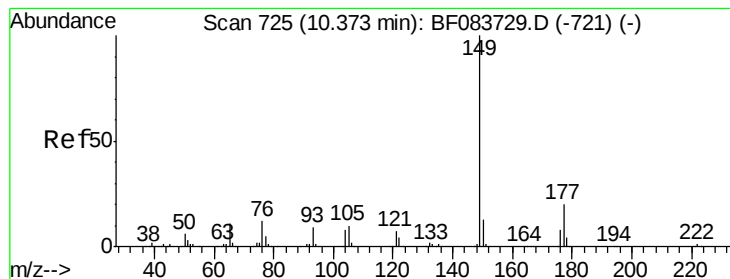
232 100

131 53.8 0.0 0.0#

130 3.9 0.0 0.0#

166 38.8 0.0 0.0#





#59

Diethylphthalate

Concen: 47.48 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

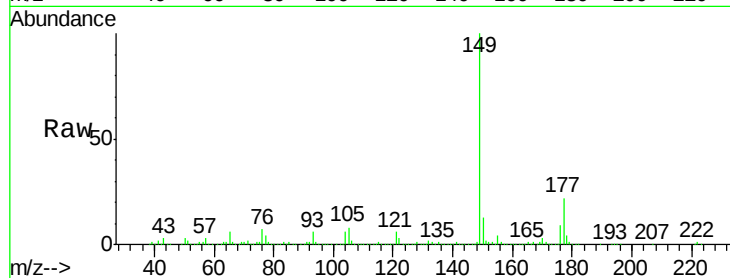
Tgt Ion:149 Resp: 609880

Ion Ratio Lower Upper

149 100

177 22.1 16.9 25.3

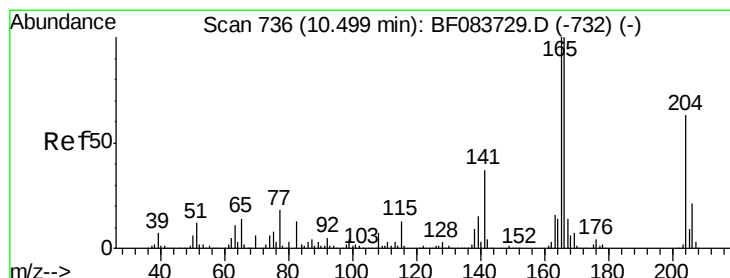
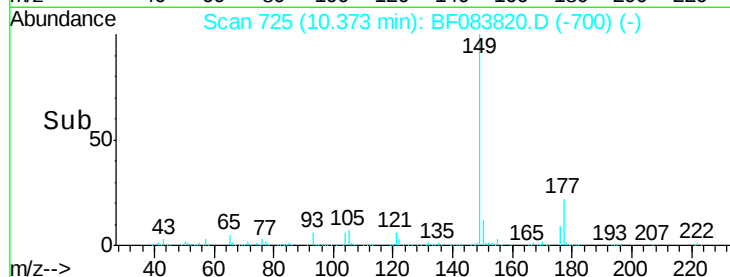
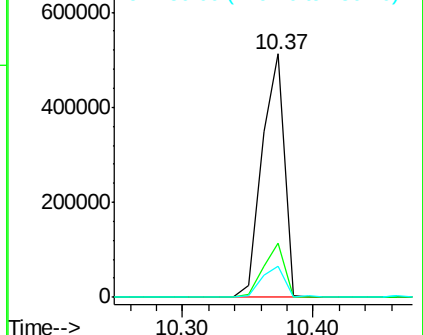
150 12.5 10.2 15.4



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: 46.52 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

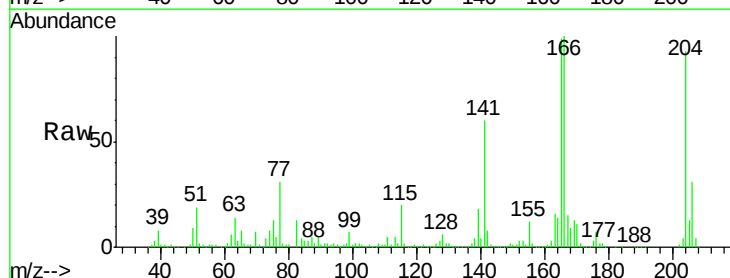
Tgt Ion:204 Resp: 239663

Ion Ratio Lower Upper

204 100

206 33.0 27.3 40.9

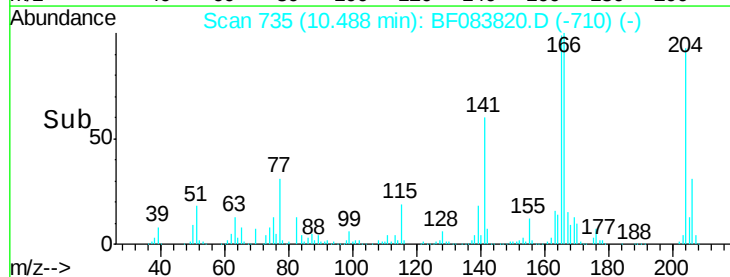
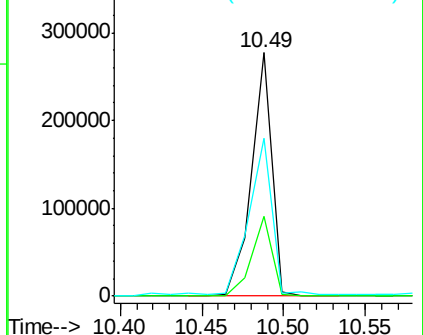
141 64.9 51.9 77.9

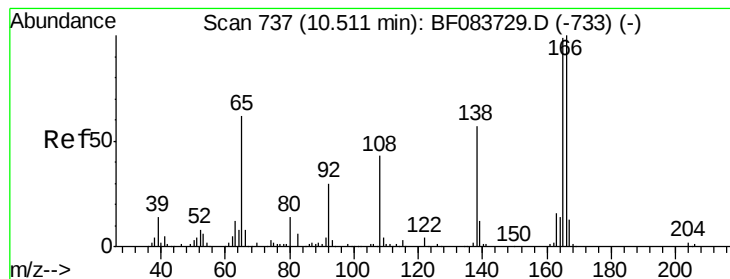


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 28.25 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

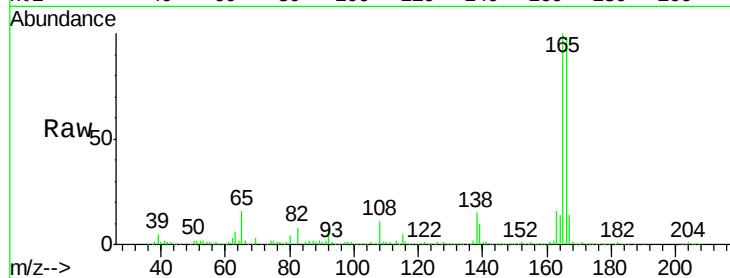
Tgt Ion:138 Resp: 77303

Ion Ratio Lower Upper

138 100

92 50.8 29.0 69.0

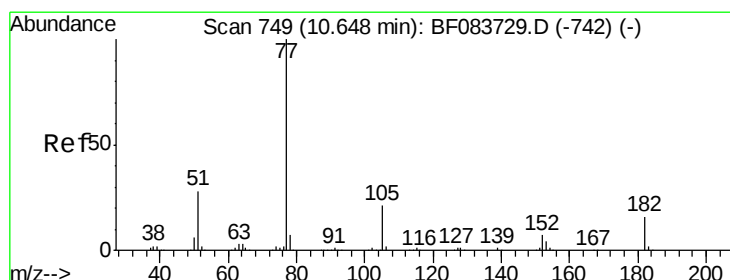
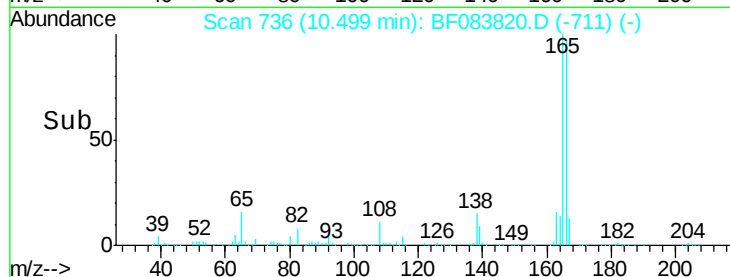
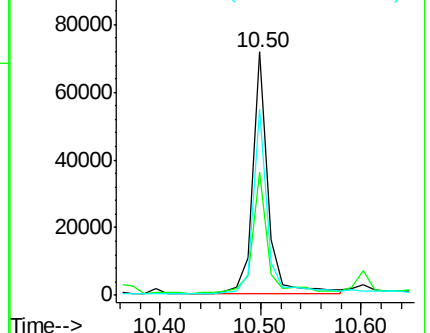
108 76.2 47.4 87.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.21 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Tgt Ion: 77 Resp: 517698

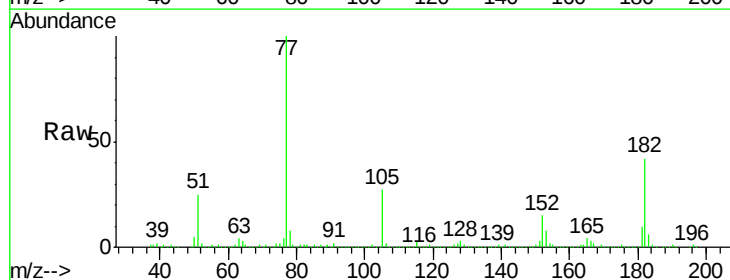
Ion Ratio Lower Upper

77 100

182 42.3 2.5 42.5

105 26.7 2.1 42.1

51 24.5 9.3 49.3

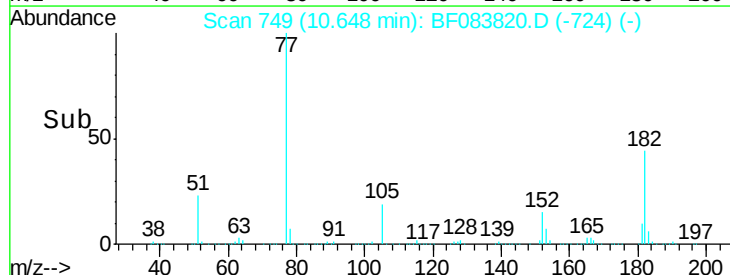
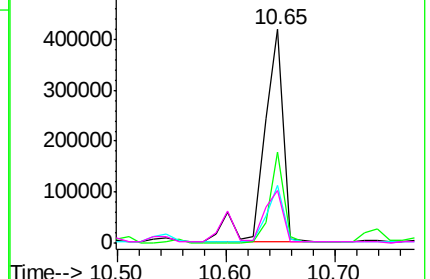


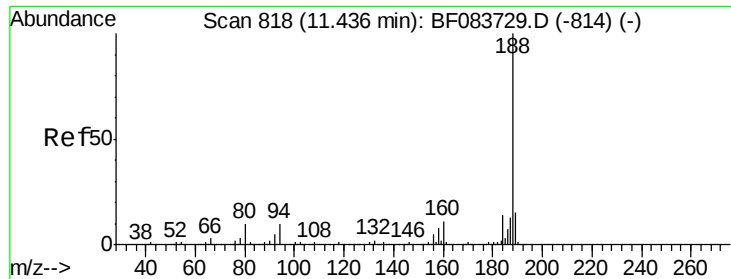
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

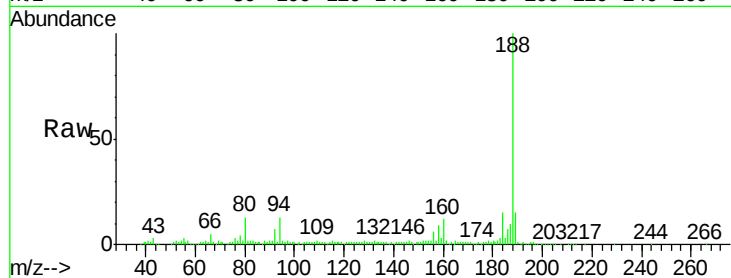




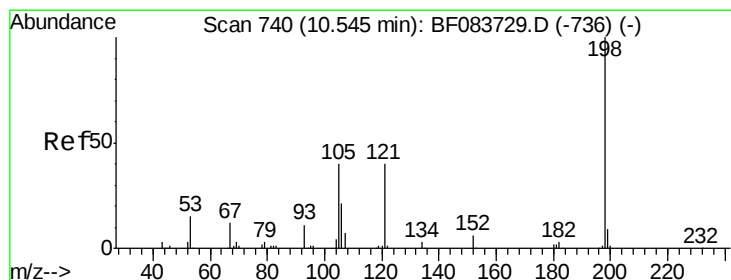
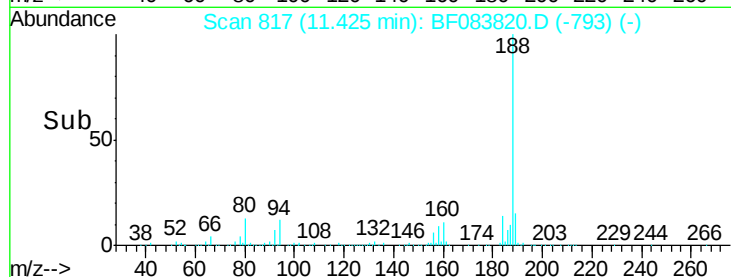
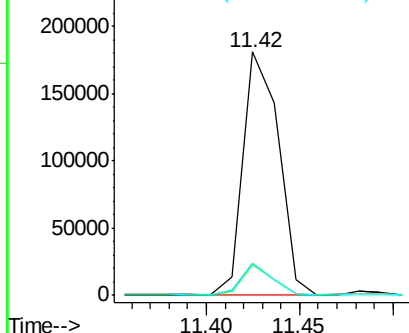
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
K206-0-2MSD

Tgt Ion:188 Resp: 238447
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.4 10.6 16.0

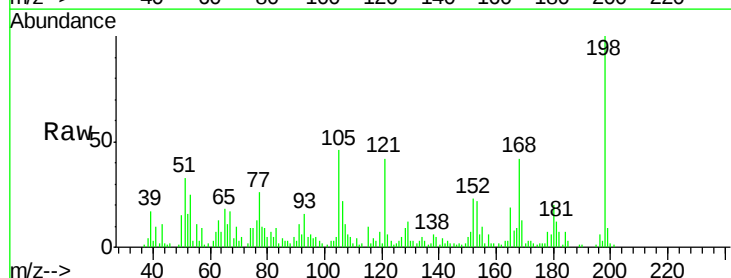


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

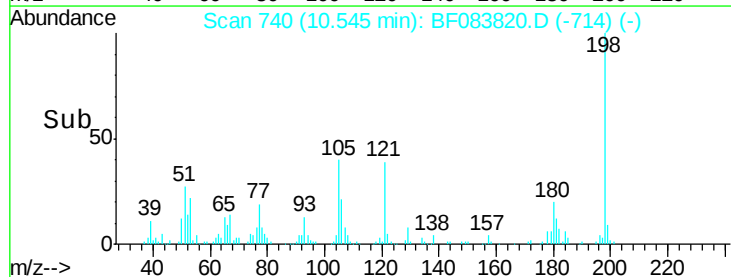
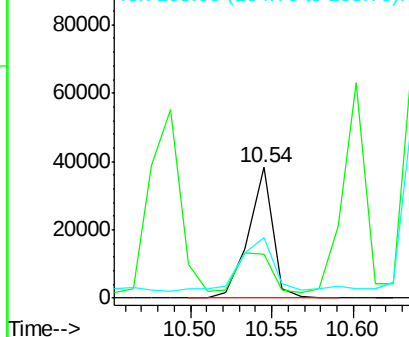


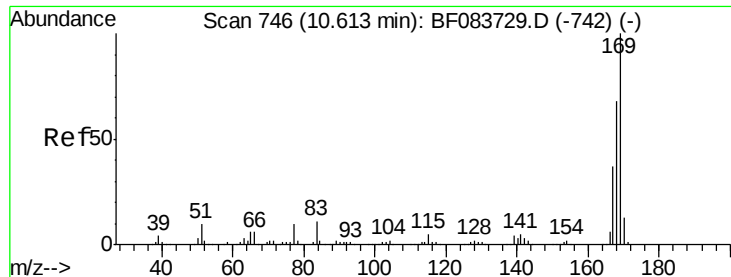
#64
4,6-Dinitro-2-methylphenol
Concen: 29.02 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Tgt Ion:198 Resp: 39366
Ion Ratio Lower Upper
198 100
51 33.4 53.8 93.8#
105 46.2 38.6 78.6



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





#65

n-Nitrosodiphenylamine

Concen: 57.16 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

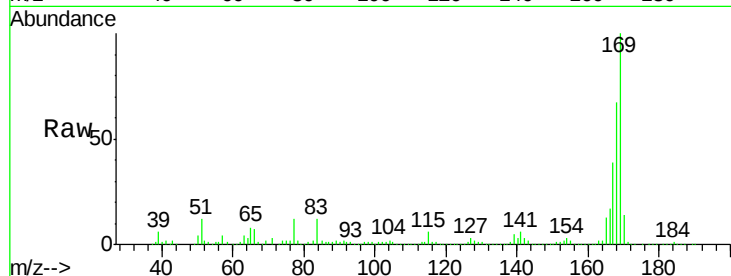
Tgt Ion:169 Resp: 466106

Ion Ratio Lower Upper

169 100

168 67.0 53.0 79.6

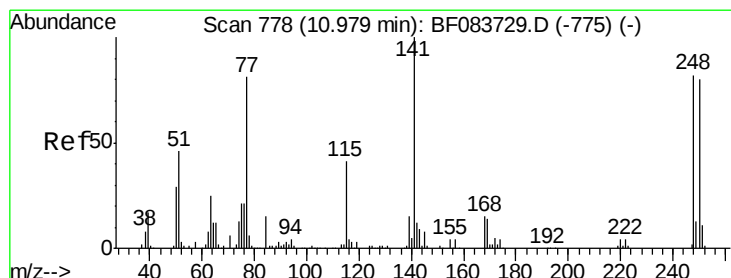
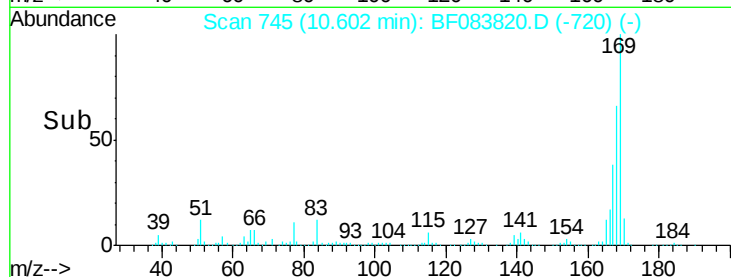
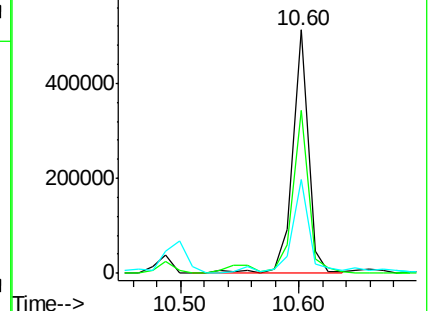
167 38.5 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 53.89 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

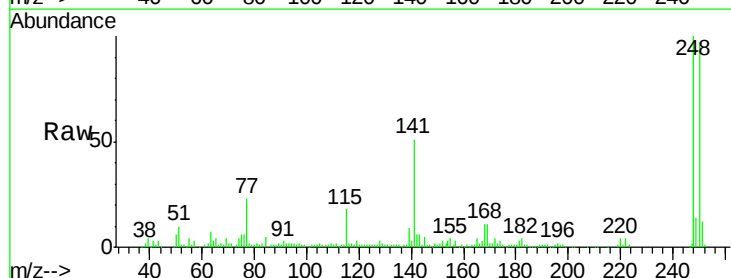
Tgt Ion:248 Resp: 143675

Ion Ratio Lower Upper

248 100

250 96.7 79.2 118.8

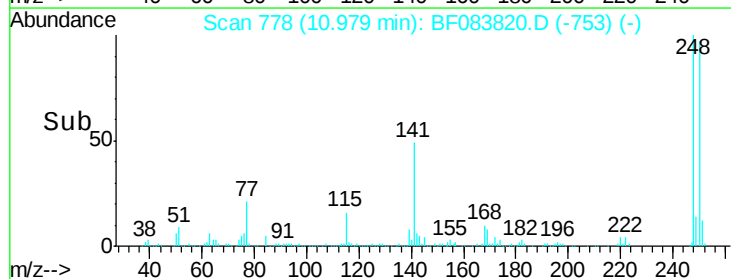
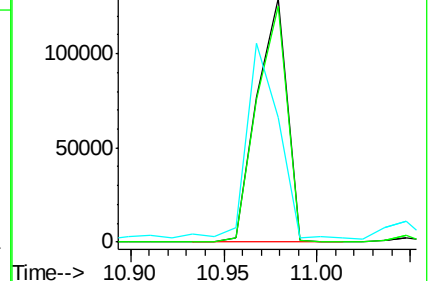
141 51.0 58.2 87.4#

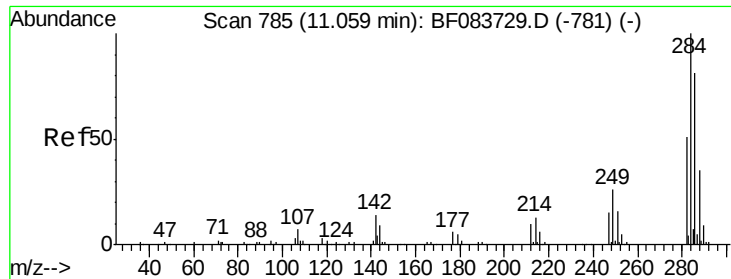


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

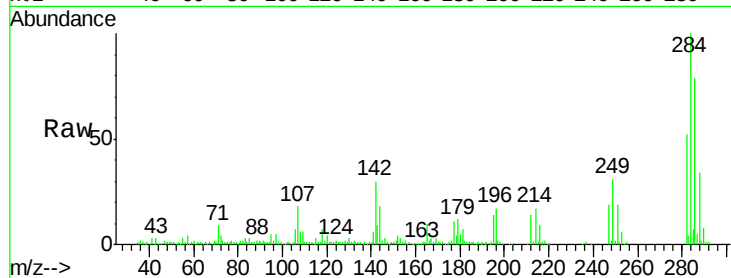




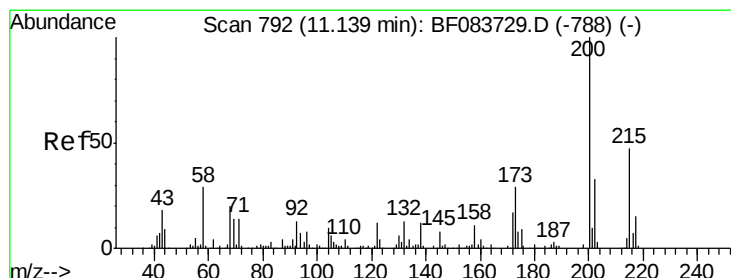
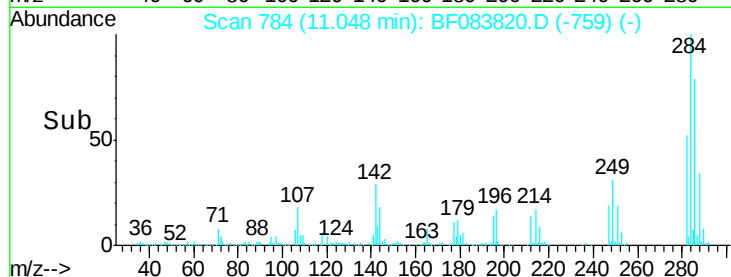
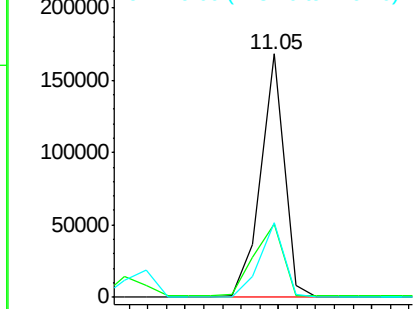
#67
Hexachlorobenzene
Concen: 50.88 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
K206-0-2MSD

Tgt Ion:284 Resp: 146778
Ion Ratio Lower Upper
284 100
142 30.0 31.0 46.4#
249 30.6 26.9 40.3

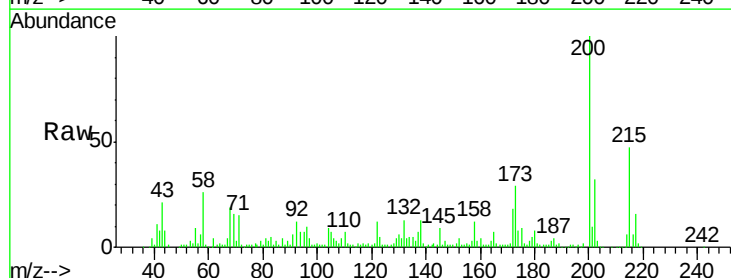


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

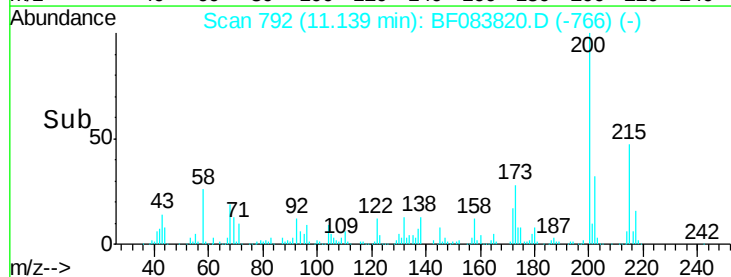
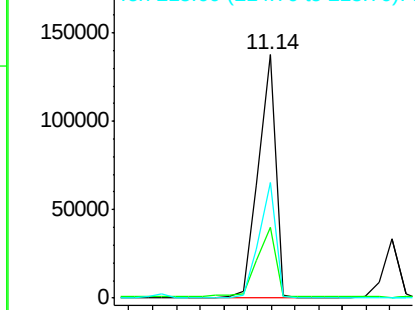


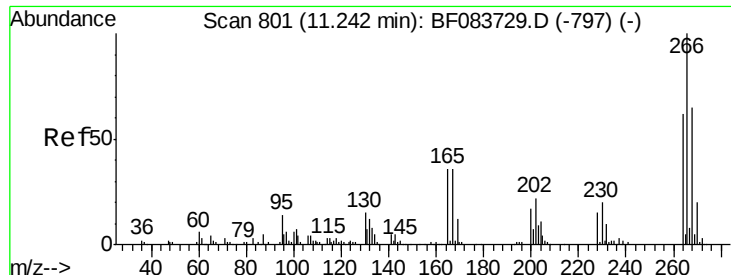
#68
Atrazine
Concen: 62.08 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Tgt Ion:200 Resp: 144038
Ion Ratio Lower Upper
200 100
173 28.9 7.8 47.8
215 47.4 25.7 65.7



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

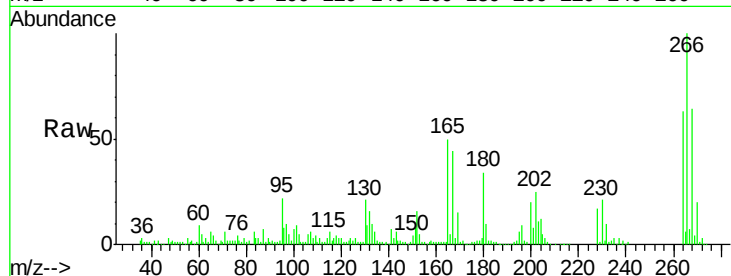




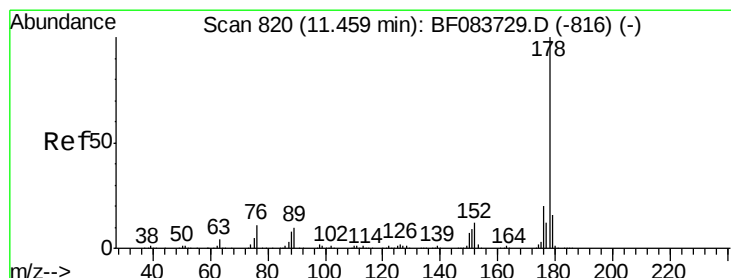
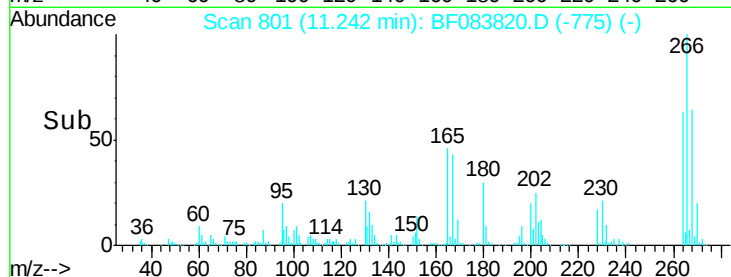
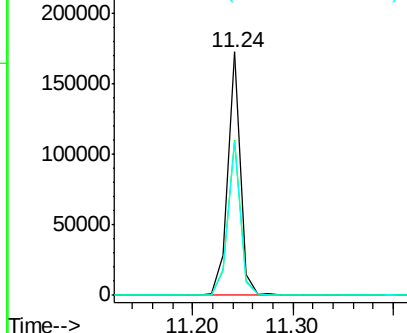
#69
 Pentachlorophenol
 Concen: 93.58 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

Tgt Ion:266 Resp: 152273
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.2 75.2
 264 63.3 51.4 77.2

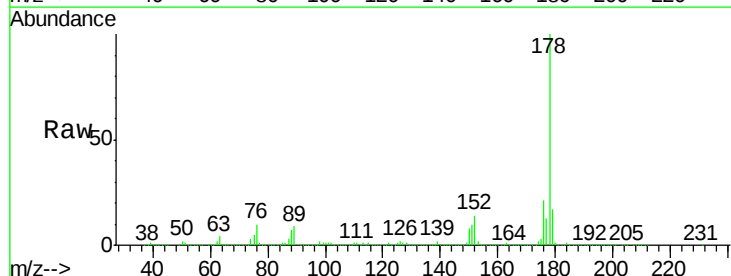


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

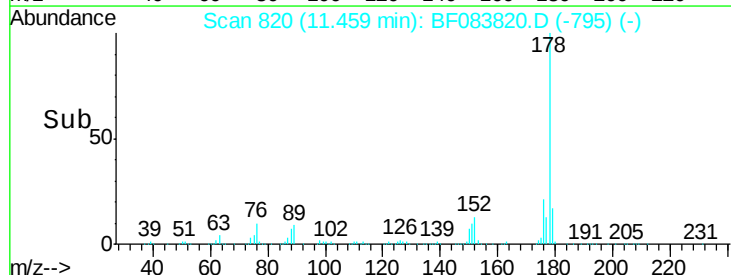
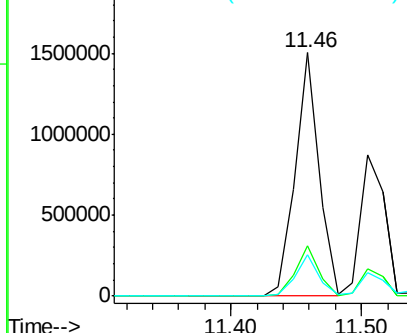


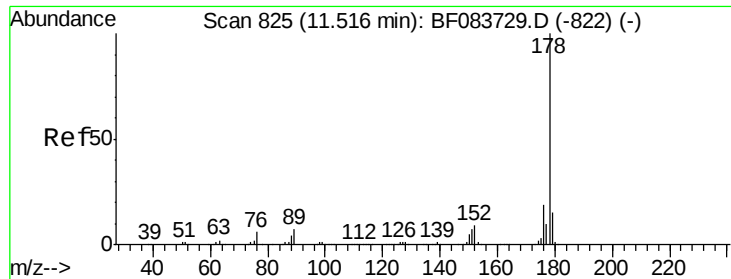
#70
 Phenanthrene
 Concen: 150.01 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion:178 Resp: 1900237
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.7 23.5
 179 17.1 12.2 18.4



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

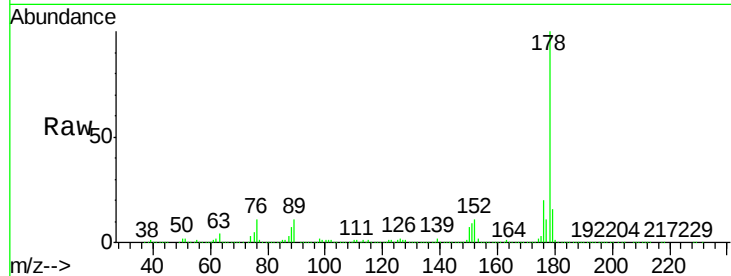




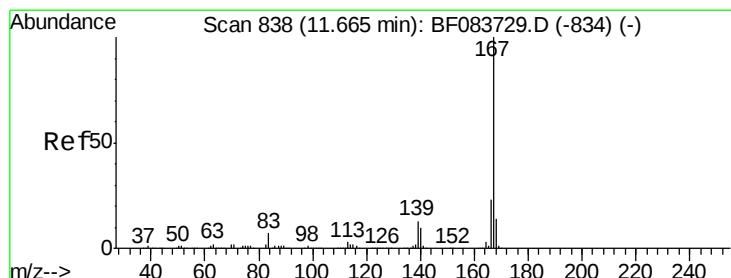
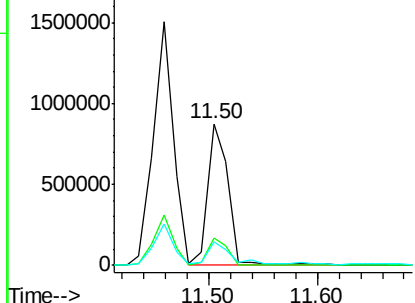
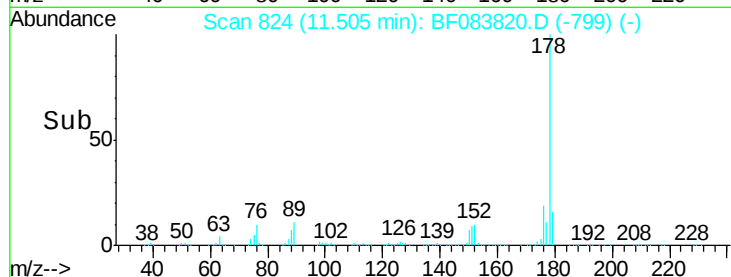
#71
 Anthracene
 Concen: 86.12 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

Tgt Ion:178 Resp: 1133029
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.2 22.8
 179 16.4 12.6 18.8

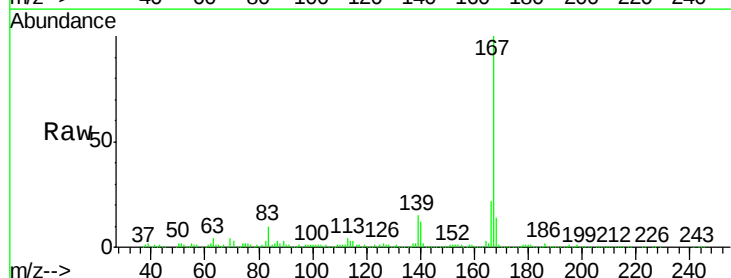


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

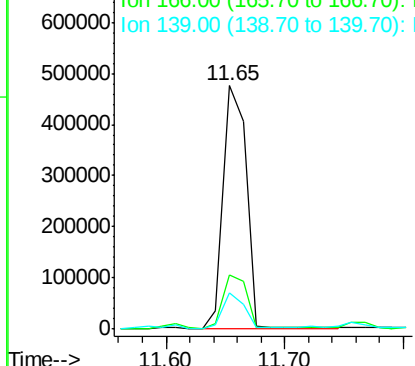
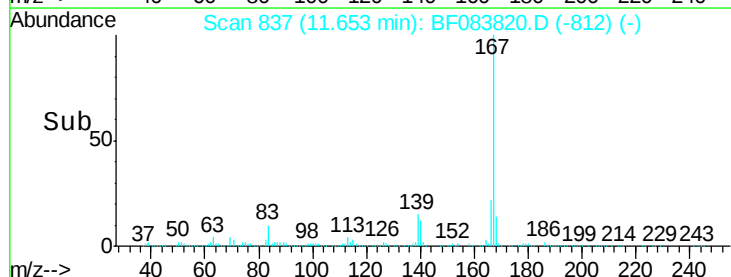


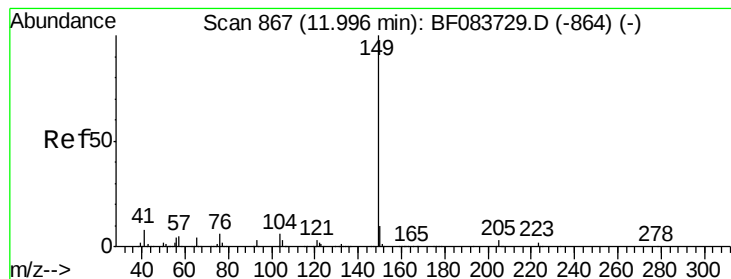
#72
 Carbazole
 Concen: 52.13 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion:167 Resp: 639050
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.2 25.8
 139 15.0 9.3 13.9#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.54 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

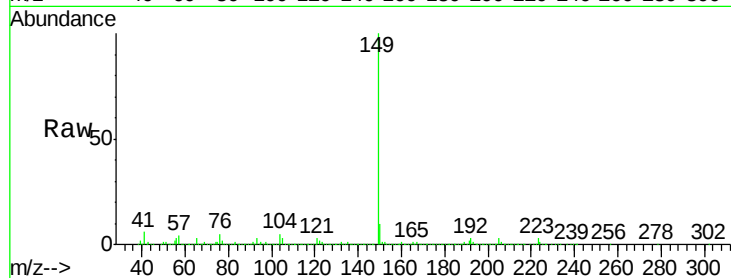
Tgt Ion:149 Resp: 767171

Ion Ratio Lower Upper

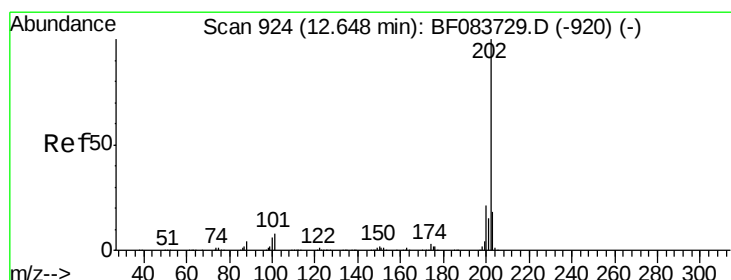
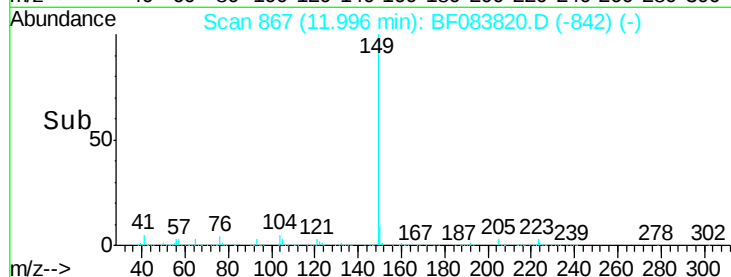
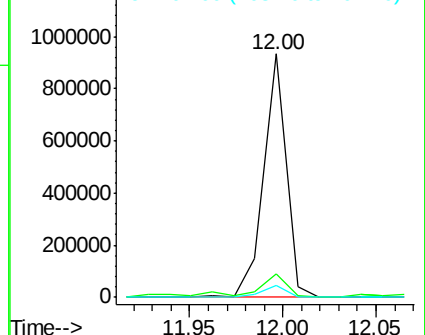
149 100

150 9.7 7.8 11.6

104 5.1 3.9 5.9



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: 237.50 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

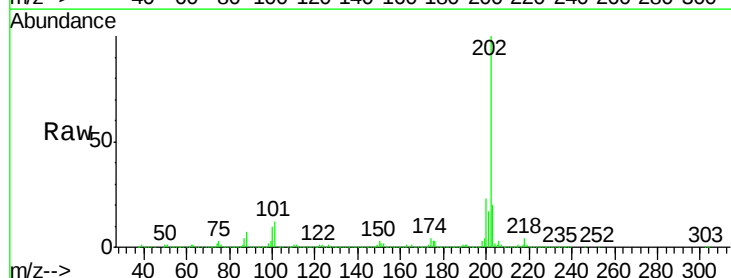
Tgt Ion:202 Resp: 3108484

Ion Ratio Lower Upper

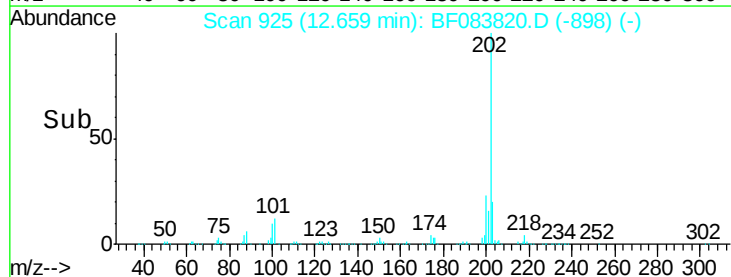
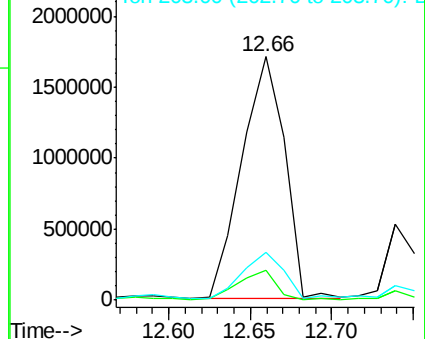
202 100

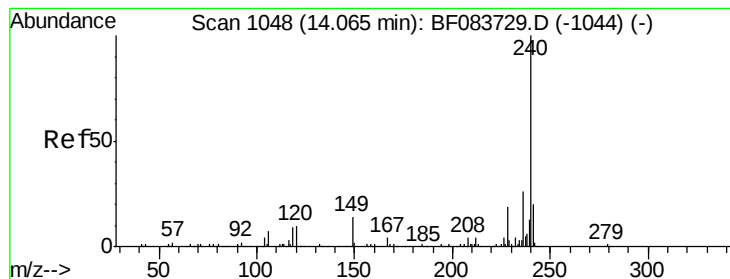
101 12.4 0.0 31.5

203 19.8 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

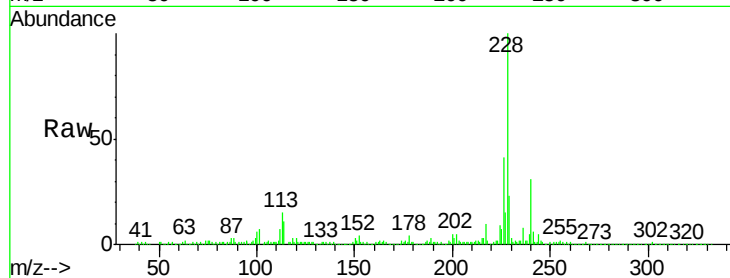
Tgt Ion:240 Resp: 174366

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

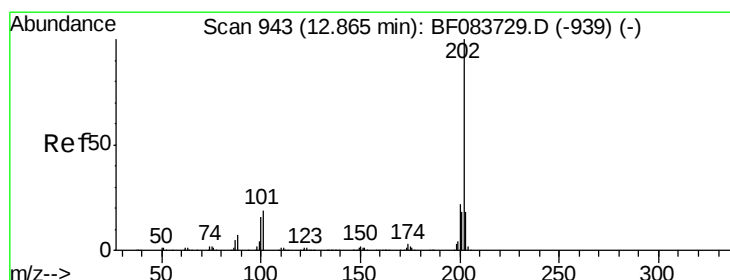
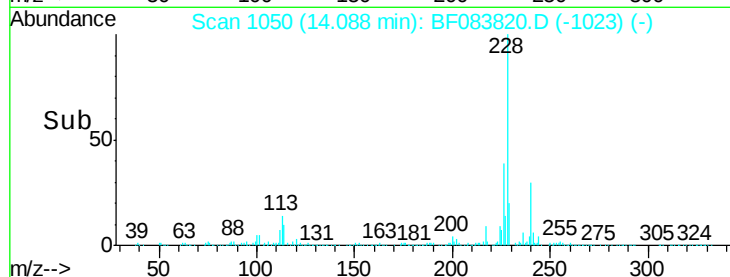
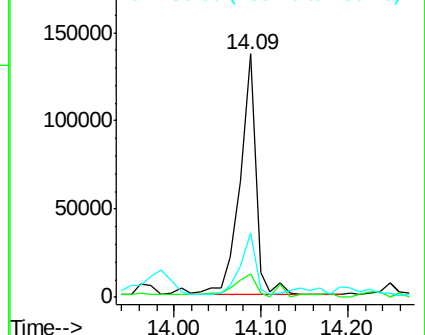
236 26.5 20.8 31.2



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



#77

Pyrene

Concen: 280.78 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

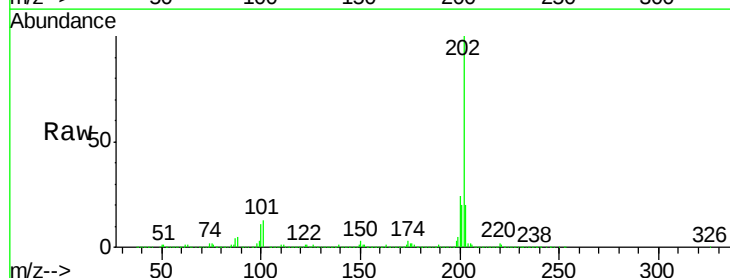
Tgt Ion:202 Resp: 3869520

Ion Ratio Lower Upper

202 100

200 23.8 16.7 25.1

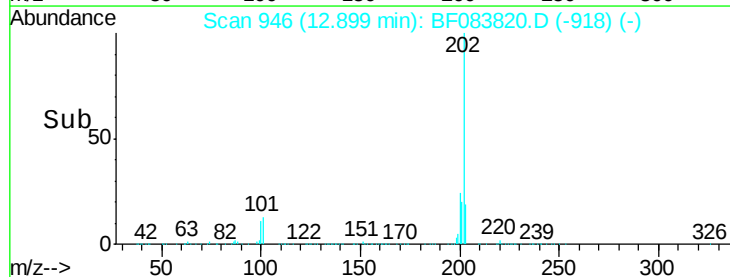
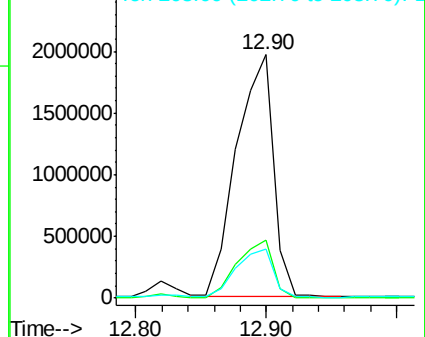
203 20.1 14.3 21.5

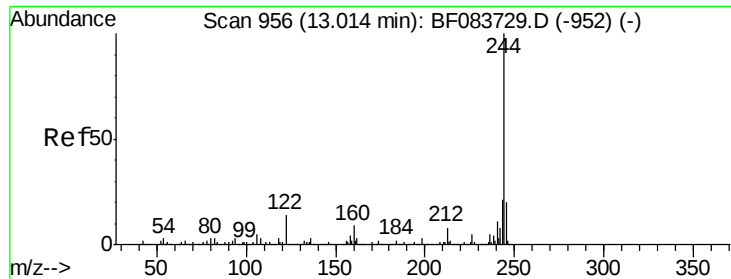


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

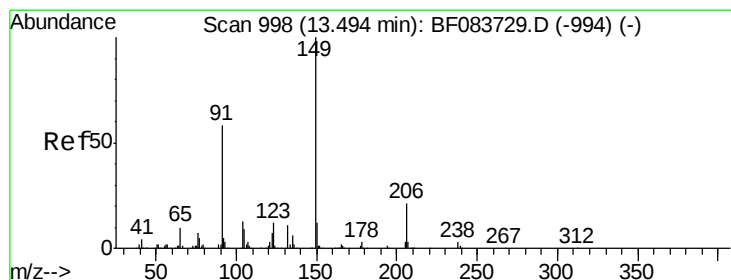
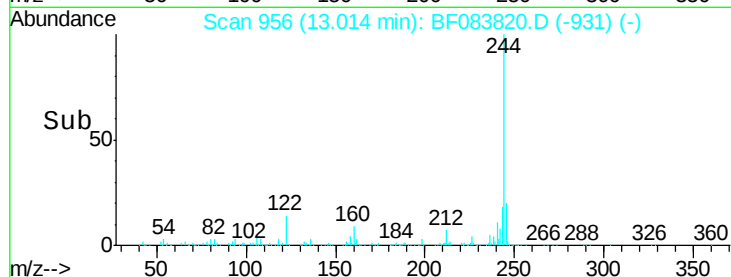
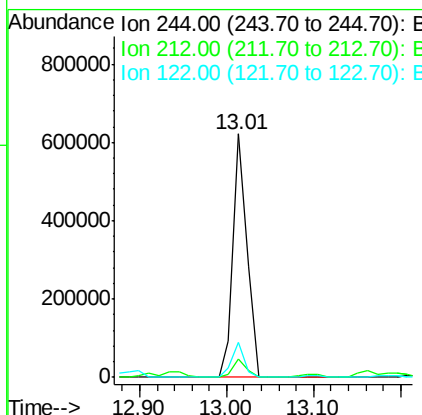
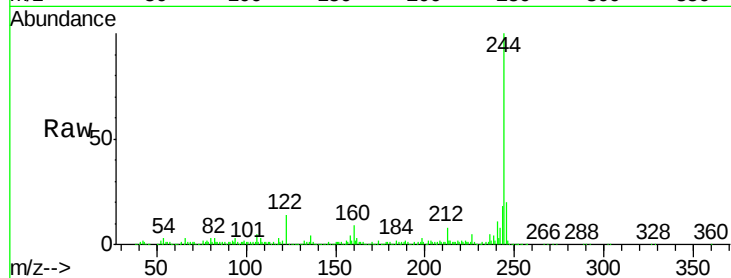




#78
 Terphenyl-d14
 Concen: 84.88 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

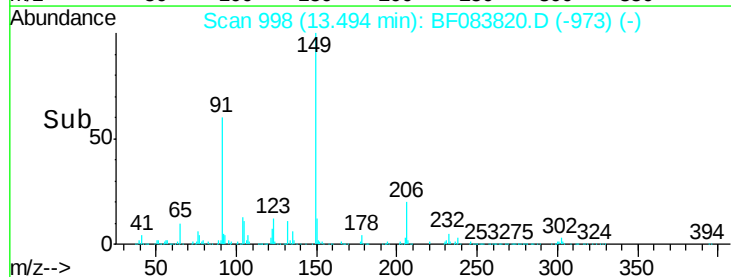
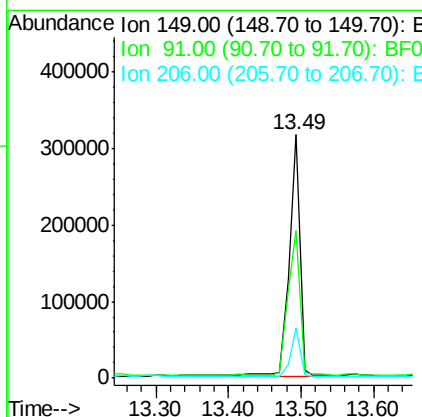
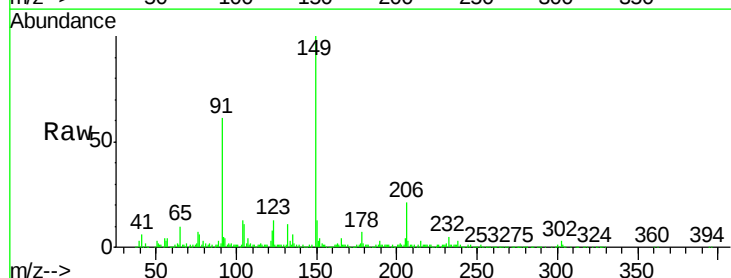
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

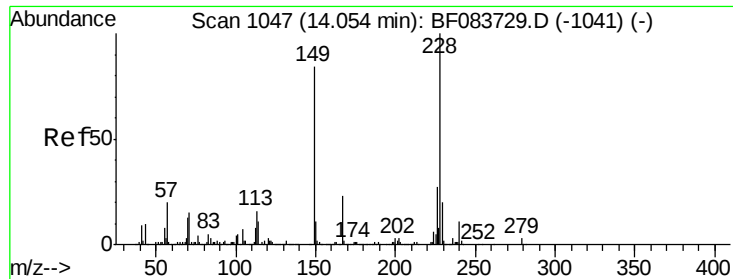
Tgt Ion:244 Resp: 688005
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.4 11.0 16.6



#79
 Butylbenzylphthalate
 Concen: 54.07 ng
 RT: 13.49 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion:149 Resp: 319794
 Ion Ratio Lower Upper
 149 100
 91 60.7 60.0 90.0
 206 20.5 16.2 24.4





#80

Benzo(a)anthracene

Concen: 221.01 ng

RT: 14.11 min Scan# 1052

Delta R.T. 0.05 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

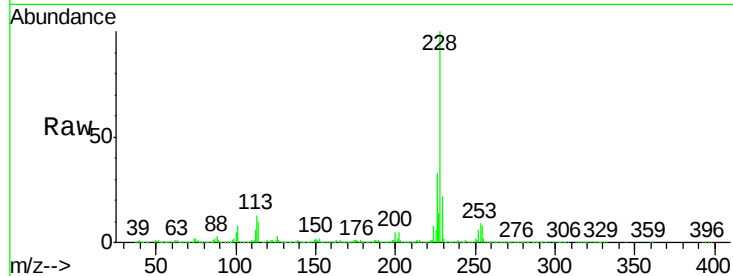
Tgt Ion:228 Resp: 2191330

Ion Ratio Lower Upper

228 100

226 32.8 22.3 33.5

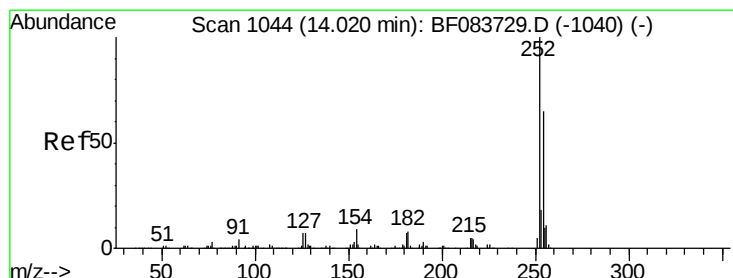
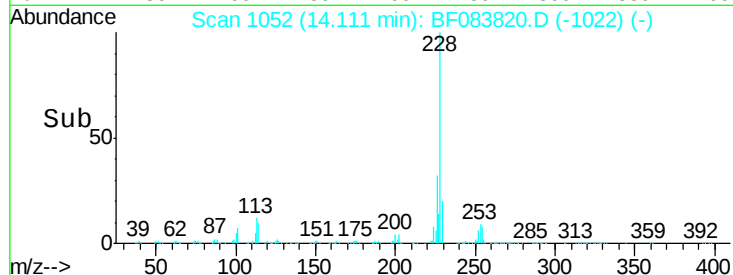
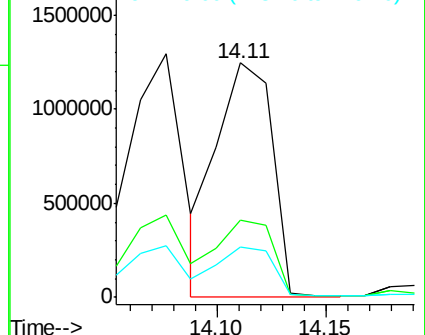
229 21.7 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 6.03 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

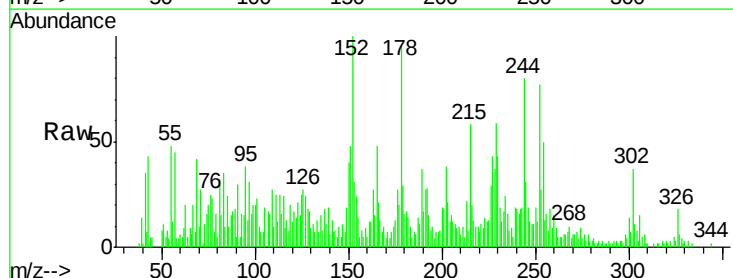
Tgt Ion:252 Resp: 21575

Ion Ratio Lower Upper

252 100

254 65.7 50.6 76.0

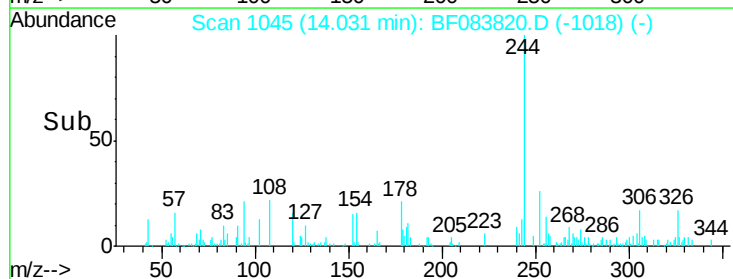
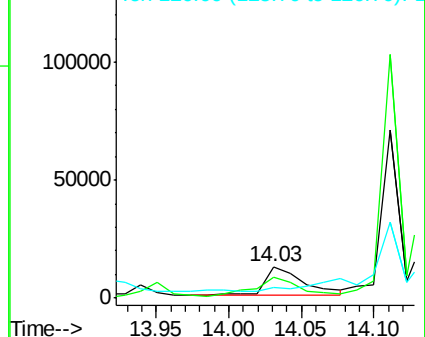
126 35.0 11.0 16.4#

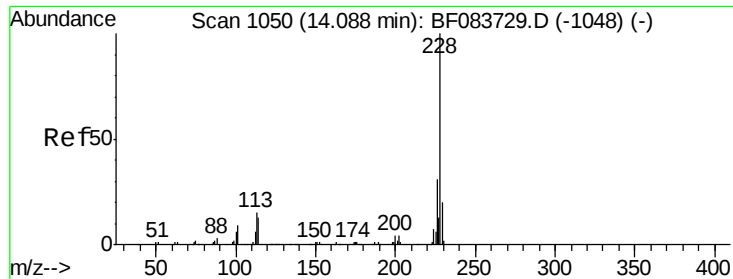


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

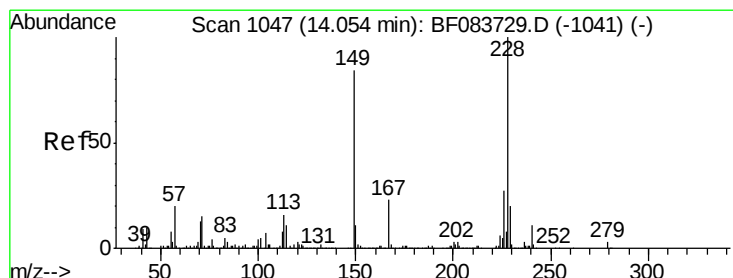
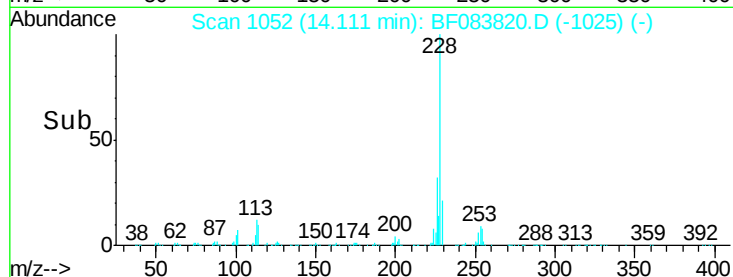
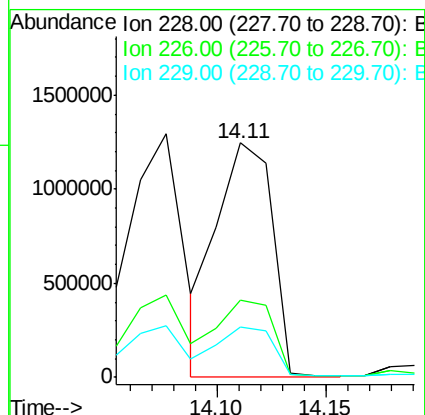
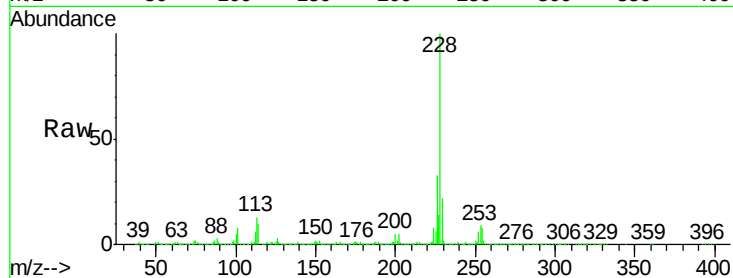




#82
 Chrysene
 Concen: 226.62 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

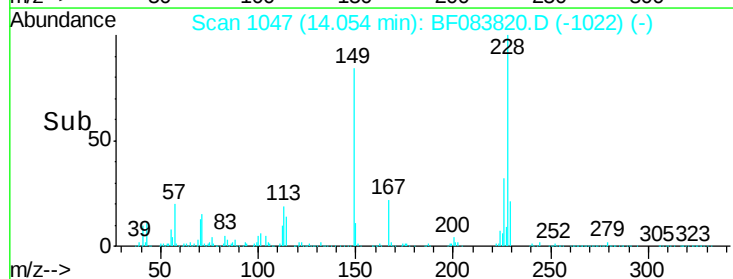
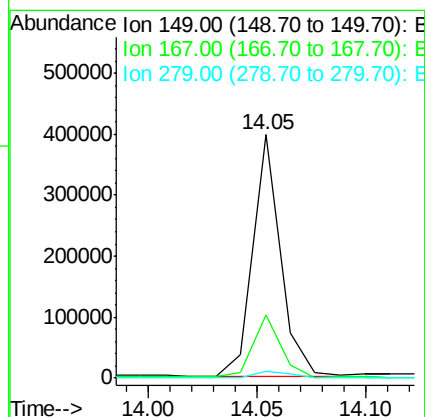
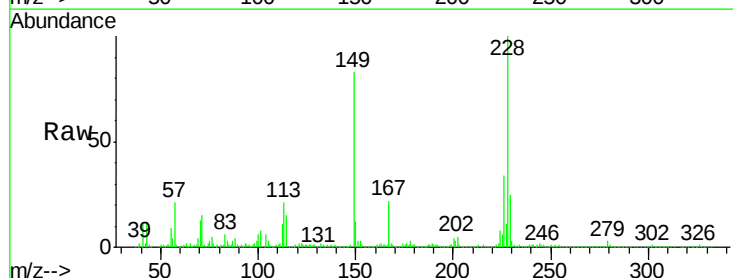
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MSD

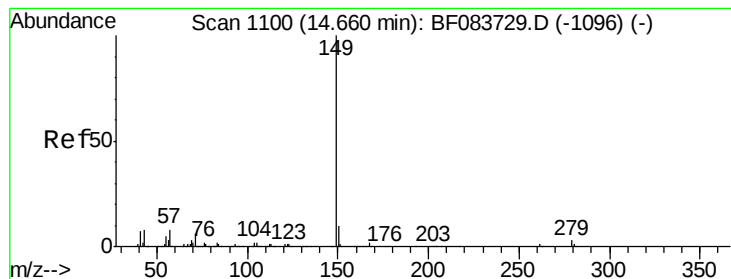
Tgt Ion: 228 Resp: 2191536
 Ion Ratio Lower Upper
 228 100
 226 32.8 24.7 37.1
 229 21.7 16.3 24.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.63 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF083820.D
 Acq: 15 Dec 2015 16:03

Tgt Ion: 149 Resp: 347596
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.8 32.8
 279 3.0 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 64.78 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

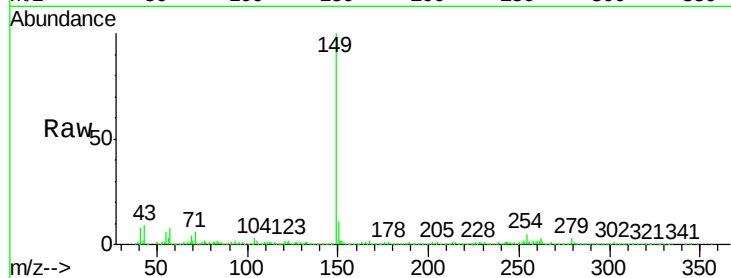
Tgt Ion:149 Resp: 693002

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

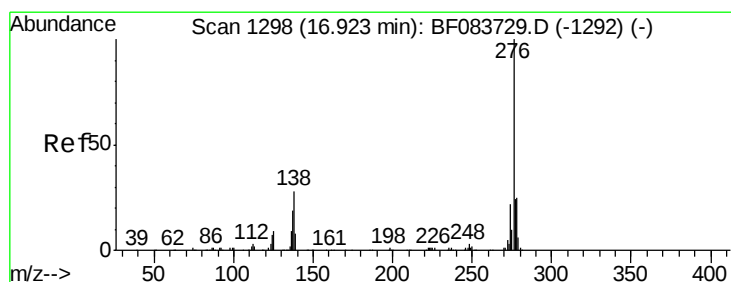
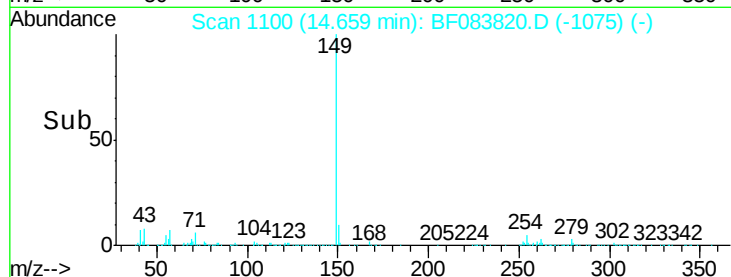
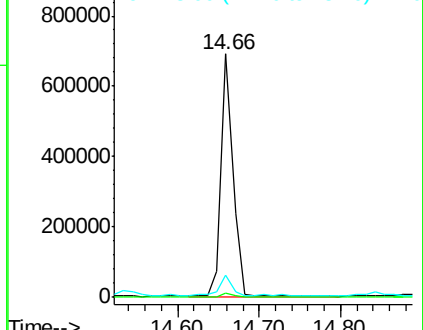
43 8.3 0.0 0.0#



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): BFO



#85

Indeno(1,2,3-cd)pyrene

Concen: 112.86 ng

RT: 16.98 min Scan# 1303

Delta R.T. 0.03 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

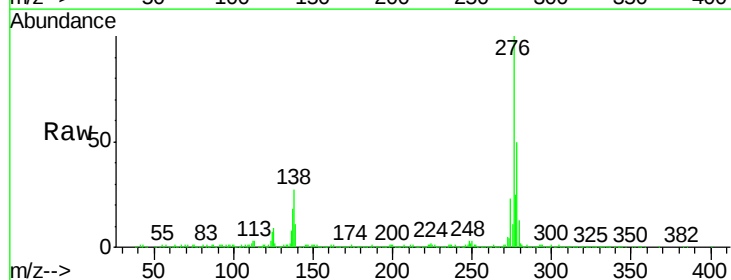
Tgt Ion:276 Resp: 1071941

Ion Ratio Lower Upper

276 100

138 26.4 0.0 0.0#

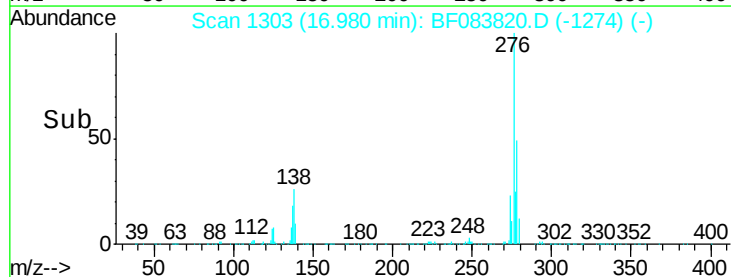
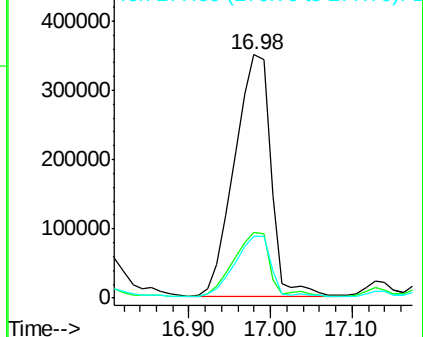
277 25.1 0.0 0.0#

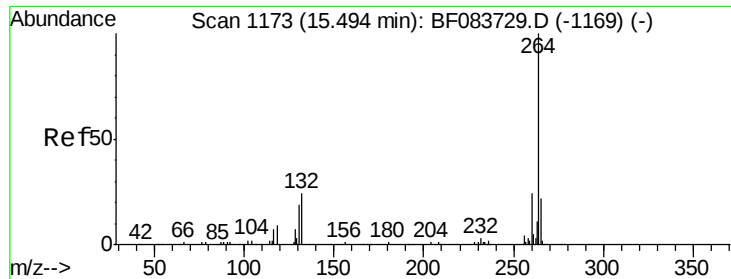


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

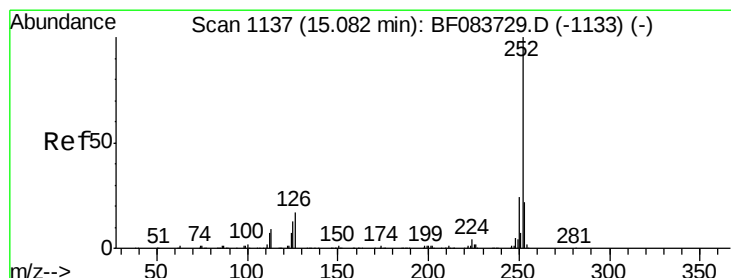
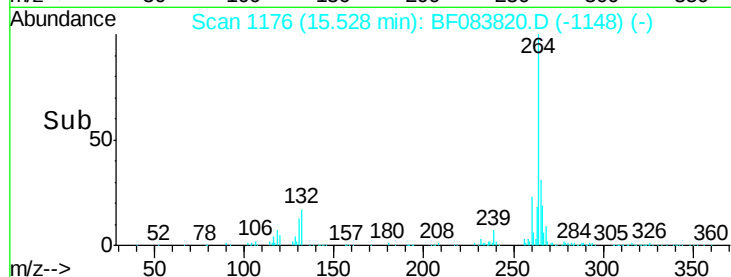
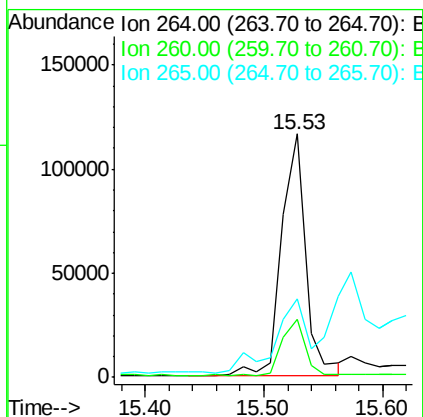
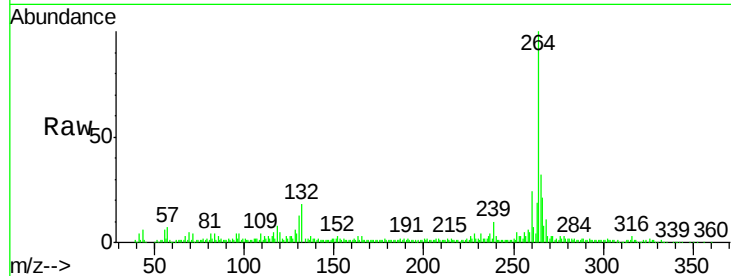




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

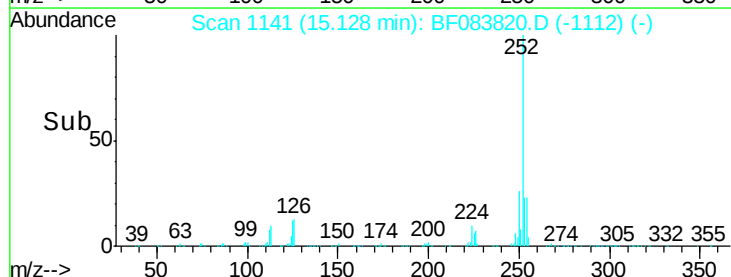
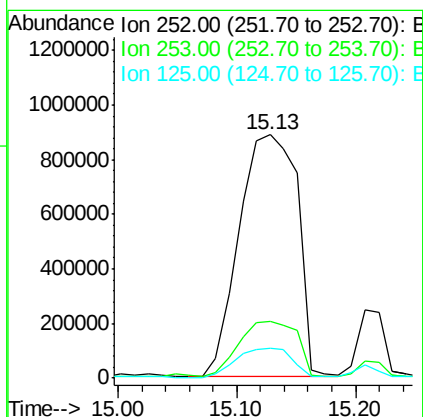
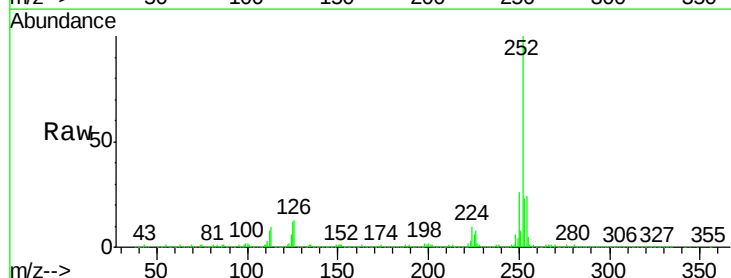
Instrument :
BNA_F
ClientSampleId :
K206-0-2MSD

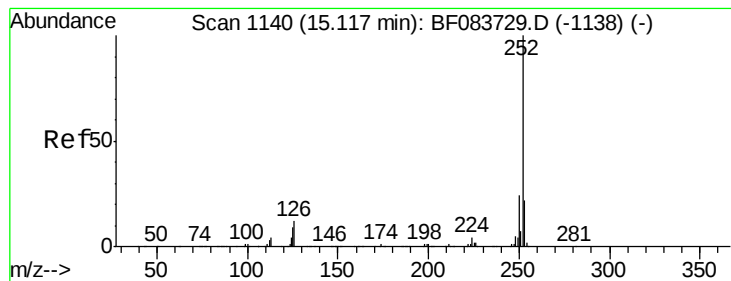
Tgt Ion:264 Resp: 163469
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.0
265 32.4 17.8 26.6#



#87
Benzo(b)fluoranthene
Concen: 288.69 ng
RT: 15.13 min Scan# 1141
Delta R.T. 0.03 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Tgt Ion:252 Resp: 3010691
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 12.0 8.2 12.4





#88

Benzo(k)fluoranthene

Concen: 318.60 ng

RT: 15.13 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

Instrument :

BNA_F

ClientSampleId :

K206-0-2MSD

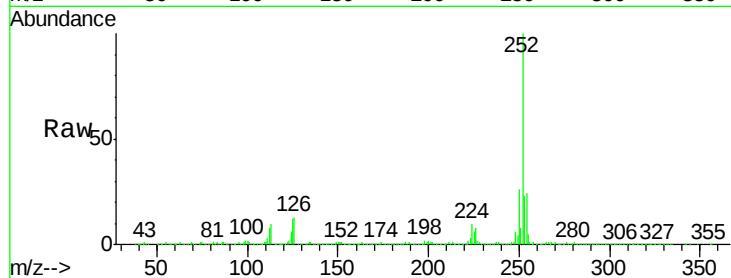
Tgt Ion:252 Resp: 3010691

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

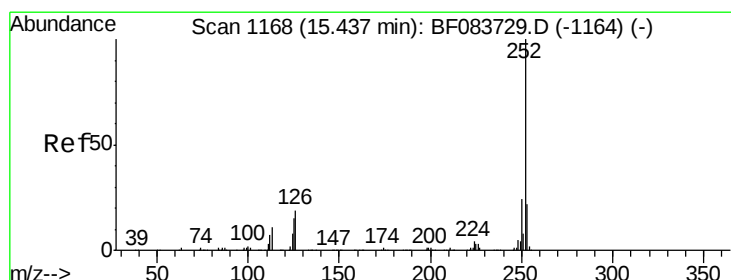
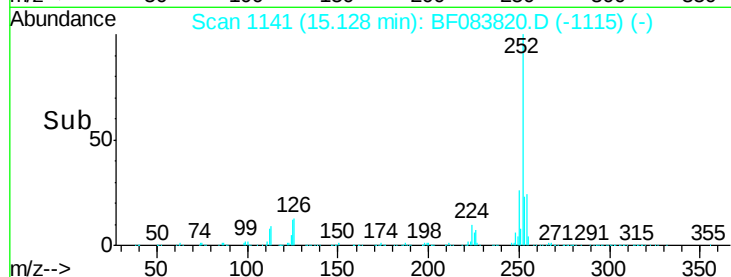
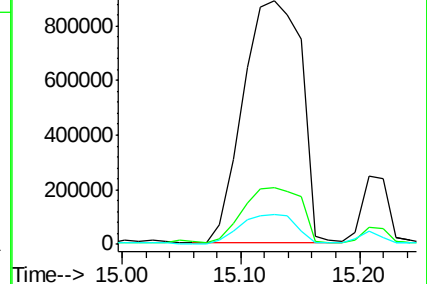
125 12.0 11.5 17.3



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



#89

Benzo(a)pyrene

Concen: 108.92 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF083820.D

Acq: 15 Dec 2015 16:03

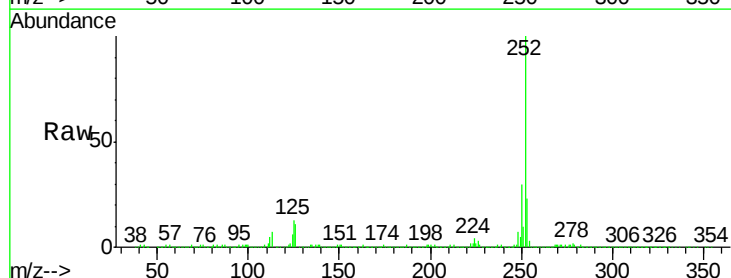
Tgt Ion:252 Resp: 1013654

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

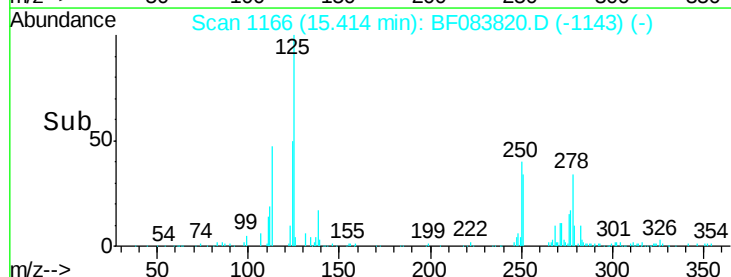
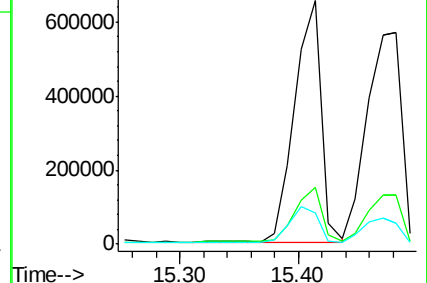
125 12.9 11.0 16.6

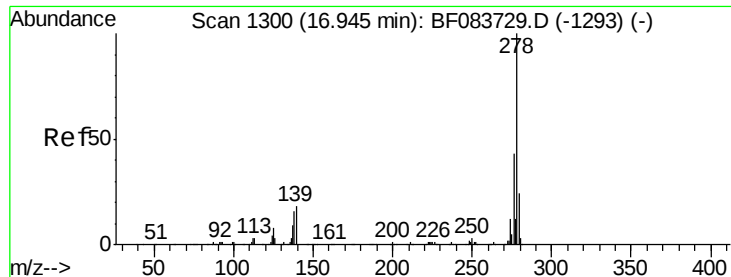


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

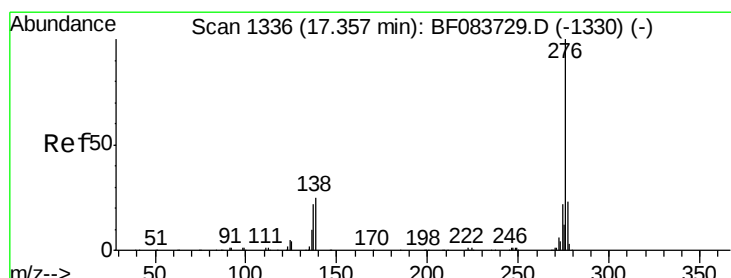
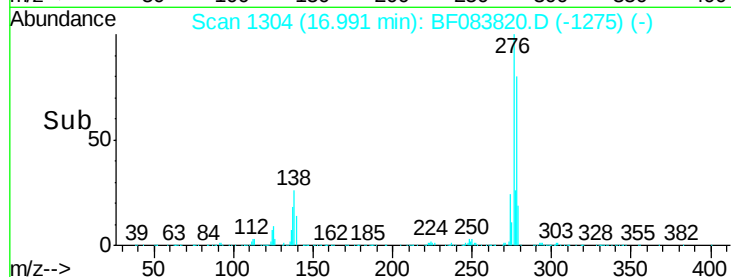
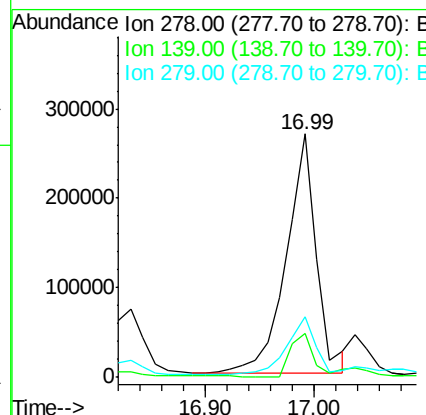
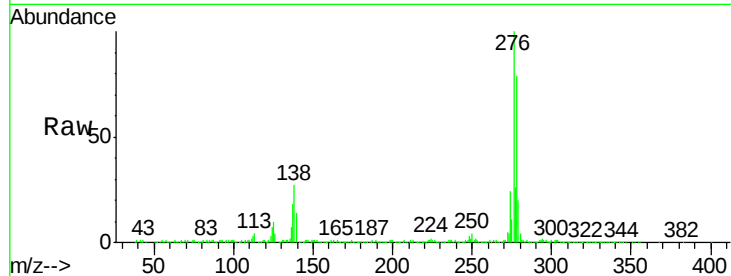




#90
Dibenzo(a,h)anthracene
Concen: 55.57 ng
RT: 16.99 min Scan# 1304
Delta R.T. 0.03 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Instrument :
BNA_F
ClientSampleId :
K206-0-2MSD

Tgt Ion:278 Resp: 514201
Ion Ratio Lower Upper
278 100
139 17.8 12.8 19.2
279 24.8 18.6 28.0



#91
Benzo(g,h,i)perylene
Concen: 100.76 ng
RT: 17.43 min Scan# 1342
Delta R.T. 0.05 min
Lab File: BF083820.D
Acq: 15 Dec 2015 16:03

Tgt Ion:276 Resp: 958446
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 23.4 19.5 29.3

