

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083819.D
 Acq On : 15 Dec 2015 15:35
 Operator : UM/IZ
 Sample : G4739-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MS

Quant Time: Dec 16 10:44:23 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	99760	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	399296	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	166325	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	254321	20.00	ng	-0.02
75) Chrysene-d12	14.08	240	193000	20.00	ng	0.00
86) Perylene-d12	15.52	264	170240	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	724880	117.22	ng	-0.01
7) Phenol-d6	6.54	99	978472	124.95	ng	0.00
23) Nitrobenzene-d5	7.47	82	640361	89.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	209608	123.68	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	878797	74.63	ng	-0.02
78) Terphenyl-d14	13.01	244	643492	71.72	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	91371	30.56	ng	# 81
3) Pyridine	3.31	79	260750	34.66	ng	# 83
4) n-Nitrosodimethylamine	3.24	42	115990	40.75	ng	# 64
6) Aniline	6.61	93	152520m	14.34	ng	
8) 2-Chlorophenol	6.69	128	310906	42.79	ng	# 81
9) Benzaldehyde	6.44	77	156563	37.23	ng	94
10) Phenol	6.56	94	406636	45.11	ng	# 74
11) bis(2-Chloroethyl)ether	6.64	93	267892m	41.04	ng	
12) 1,3-Dichlorobenzene	6.84	146	292229	37.89	ng	97
13) 1,4-Dichlorobenzene	6.92	146	320755	41.16	ng	99
14) 1,2-Dichlorobenzene	7.08	146	272854	38.96	ng	94
15) Benzyl Alcohol	7.05	79	284879	49.52	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	290480	34.27	ng	71
17) 2-Methylphenol	7.16	107	239625	41.01	ng	# 85
18) Hexachloroethane	7.42	117	108560	39.23	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	189902	39.60	ng	89
20) 3+4-Methylphenols	7.31	107	278292	40.35	ng	# 62
22) Acetophenone	7.31	105	381136	38.91	ng	# 96
24) Nitrobenzene	7.48	77	266379	35.86	ng	92
25) Isophorone	7.73	82	532981	38.06	ng	# 87
26) 2-Nitrophenol	7.80	139	147767	41.41	ng	# 84
27) 2,4-Dimethylphenol	7.85	122	285733	40.75	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	349874	43.79	ng	# 98
29) 2,4-Dichlorophenol	8.04	162	231787	40.27	ng	93
30) 1,2,4-Trichlorobenzene	8.13	180	244311	40.93	ng	97
31) Naphthalene	8.21	128	1013180	48.68	ng	98
32) Benzoic acid	7.90	122	21042	4.82	ng	92
33) 4-Chloroaniline	8.26	127	93783	11.03	ng	# 87
34) Hexachlorobutadiene	8.34	225	131137	40.03	ng	97
35) Caprolactam	8.62	113	79743	43.14	ng	# 59
36) 4-Chloro-3-methylphenol	8.74	107	247575	36.77	ng	96
37) 2-Methylnaphthalene	8.90	142	614770	47.05	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	224409	45.74	ng	# 100
40) Hexachlorocyclopentadiene	9.06	237	36548	14.70	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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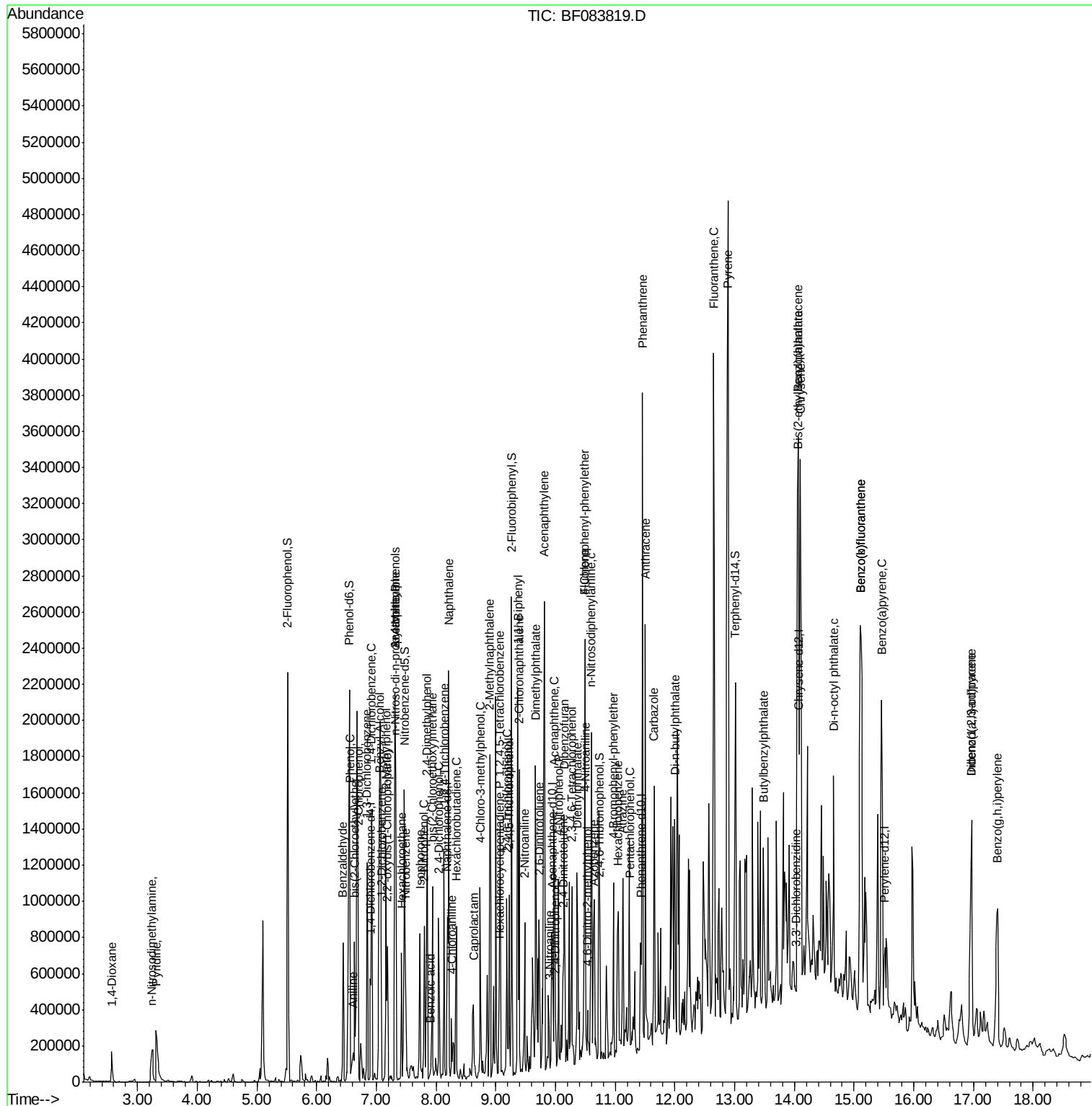
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	159075	44.29	nq	97
43) 2,4,5-Trichlorophenol	9.22	196	149579m	43.91	nq	
45) 1,1'-Biphenyl	9.37	154	638217	43.30	nq	97
46) 2-Chloronaphthalene	9.39	162	453076	41.64	nq	# 93
47) 2-Nitroaniline	9.48	65	134385	43.55	nq	# 75
48) Acenaphthylene	9.81	152	1414824	77.28	nq	98
49) Dimethylphthalate	9.66	163	779464	60.11	nq	99
50) 2,6-Dinitrotoluene	9.72	165	114201	41.50	nq	97
51) Acenaphthene	9.97	154	440028	39.76	nq	99
52) 3-Nitroaniline	9.89	138	67596	21.30	nq	# 62
53) 2,4-Dinitrophenol	10.00	184	34028	33.33	nq	# 80
54) Dibenzofuran	10.14	168	635456	43.33	nq	# 89
55) 4-Nitrophenol	10.05	139	168784	71.84	nq	86
56) 2,4-Dinitrotoluene	10.13	165	161145	44.82	nq	# 54
57) Fluorene	10.49	166	458547m	39.71	nq	
58) 2,3,4,6-Tetrachlorophenol	10.27	232	118509	46.38	nq	# 100
59) Diethylphthalate	10.36	149	520694	39.66	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	213609	40.57	nq	97
61) 4-Nitroaniline	10.50	138	82603	29.54	nq	95
62) Azobenzene	10.64	77	458476	38.31	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	36607	25.30	nq	87
65) n-Nitrosodiphenylamine	10.60	169	450083	51.75	nq	97
66) 4-Bromophenyl-phenylether	10.97	248	121659	42.78	nq	# 76
67) Hexachlorobenzene	11.05	284	130399	42.38	nq	# 82
68) Atrazine	11.13	200	112744	45.56	nq	95
69) Pentachlorophenol	11.24	266	134744	77.64	nq	97
70) Phenanthrene	11.46	178	1630732	120.70	nq	97
71) Anthracene	11.51	178	903819	64.41	nq	99
72) Carbazole	11.65	167	550499	42.11	nq	# 96
73) Di-n-butylphthalate	12.00	149	703302	44.30	nq	99
74) Fluoranthene	12.65	202	2428478	173.96	nq	96
77) Pyrene	12.89	202	2892539	189.62	nq	95
79) Butylbenzylphthalate	13.48	149	254559	38.88	nq	# 91
80) Benzo(a)anthracene	14.07	228	1606203m	146.36	nq	
81) 3,3'-Dichlorobenzidine	14.03	252	22995	5.81	nq	# 96
82) Chrysene	14.10	228	1584215	148.00	nq	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	319907	42.93	nq	99
84) Di-n-octyl phthalate	14.66	149	615131	51.95	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.97	276	834013	79.33	nq	# 100
87) Benzo(b)fluoranthene	15.12	252	1510480m	139.08	nq	
88) Benzo(k)fluoranthene	15.12	252	844340m	85.80	nq	
89) Benzo(a)pyrene	15.46	252	981666	101.29	nq	98
90) Dibenzo(a,h)anthracene	16.97	278	415943m	43.16	nq	
91) Benzo(g,h,i)perylene	17.40	276	746638	75.37	nq	98

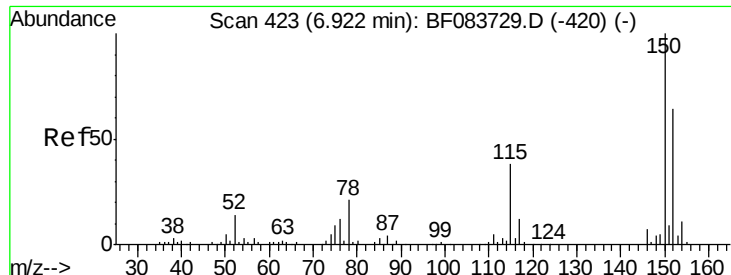
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

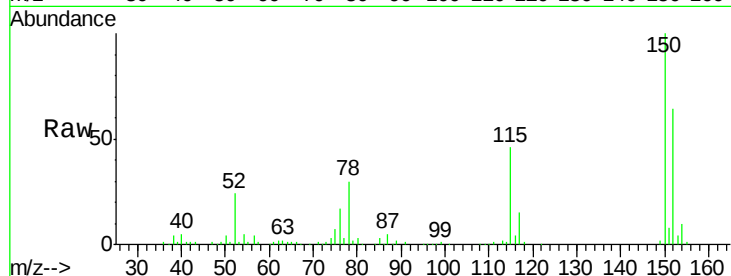
Tot Ion:152 Resp: 99760

Ion Ratio Lower Upper

152 100

150 156.6 126.5 189.7

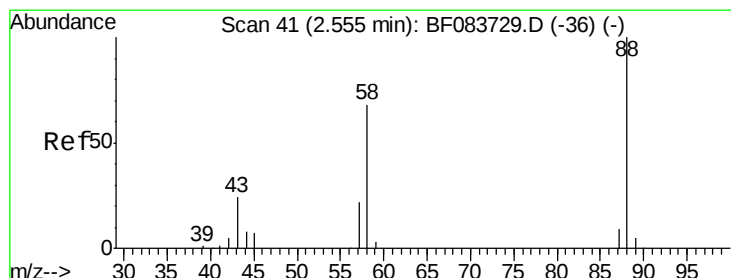
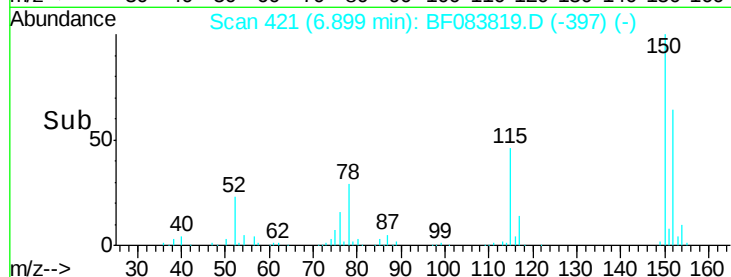
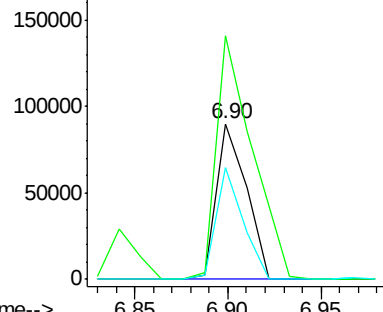
115 71.9 52.3 78.5



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: 30.56 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.00 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

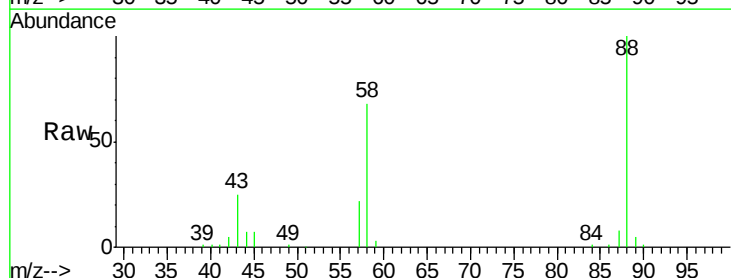
Tgt Ion: 88 Resp: 91371

Ion Ratio Lower Upper

88 100

58 67.4 68.0 102.0#

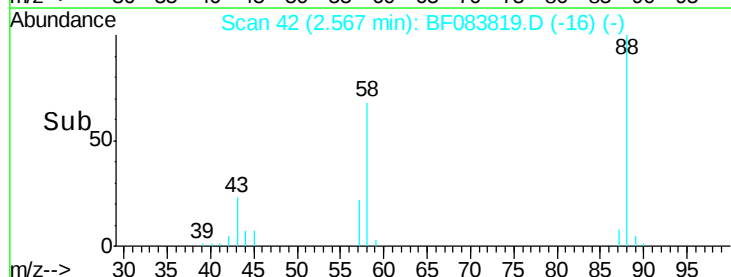
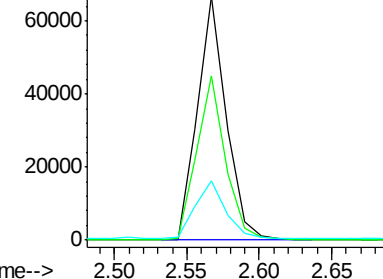
43 25.1 27.9 41.9#

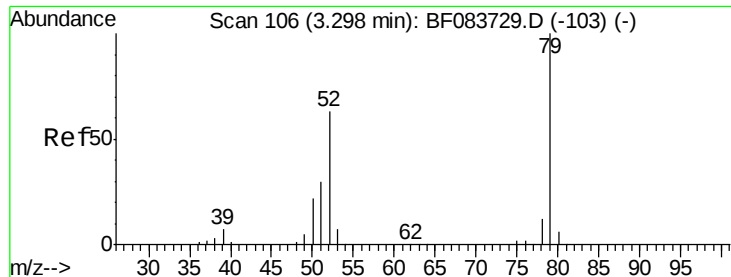


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

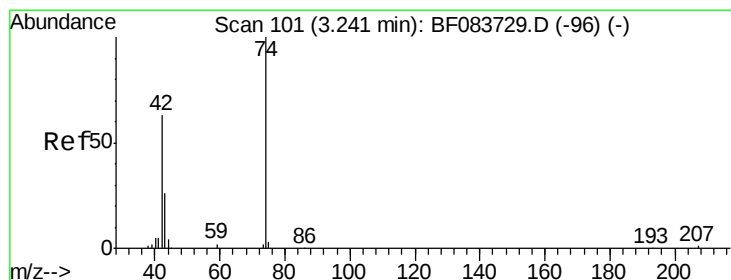
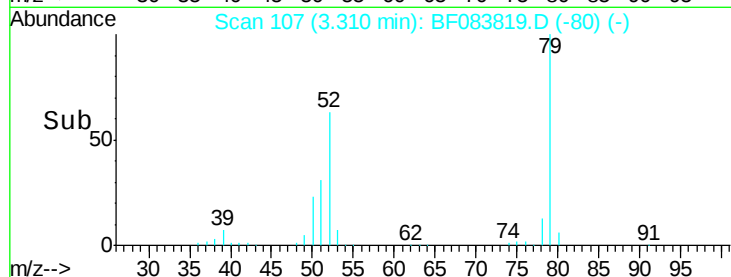
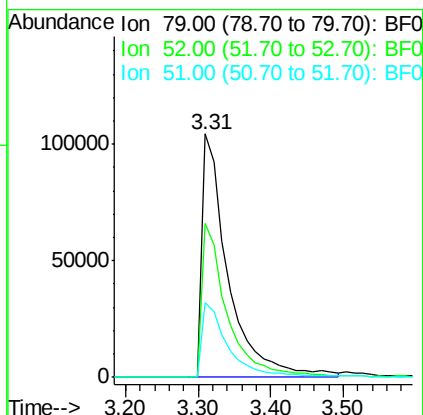
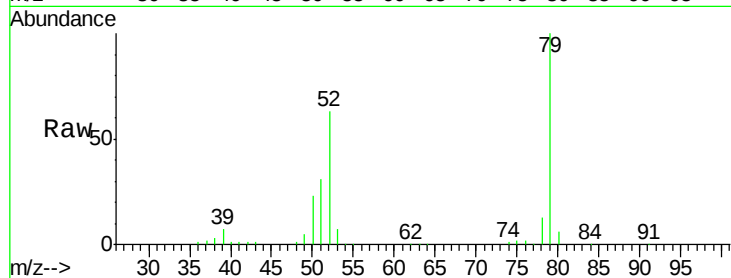




#3
 Pvridine
 Concen: 34.66 ng
 RT: 3.31 min Scan# 107
 Delta R.T. 0.01 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

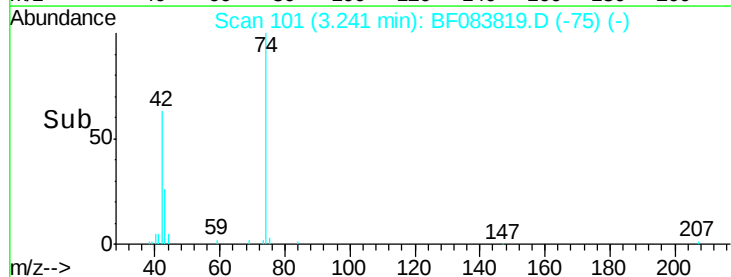
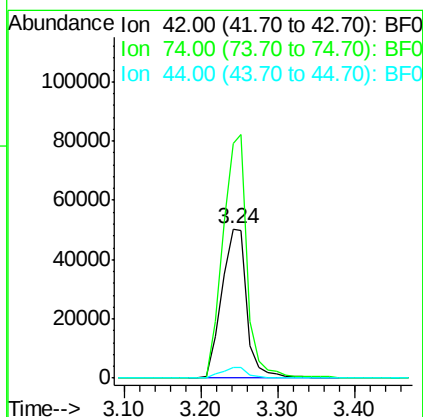
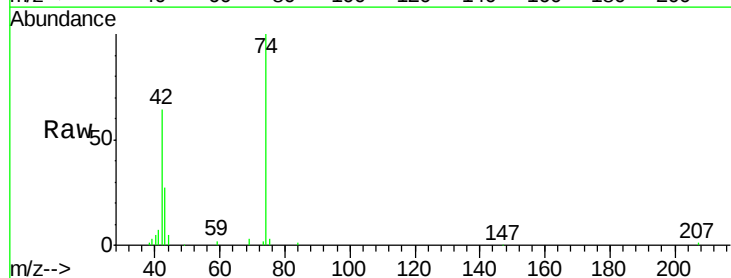
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MS

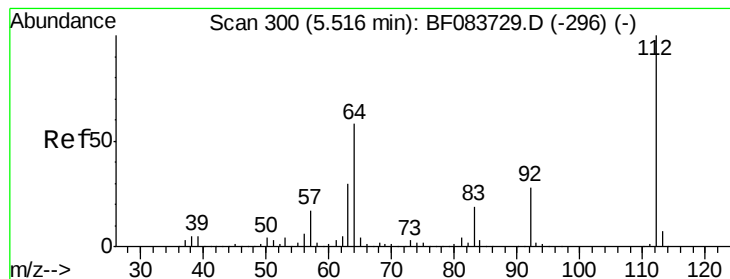
Tot Ion: 79 Resp: 260750
 Ion Ratio Lower Upper
 79 100
 52 63.1 63.7 95.5#
 51 30.7 30.6 45.8



#4
 n-Nitrosodimethylamine
 Concen: 40.75 ng
 RT: 3.24 min Scan# 101
 Delta R.T. 0.00 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

Tgt Ion: 42 Resp: 115990
 Ion Ratio Lower Upper
 42 100
 74 157.3 92.9 139.3#
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 117.22 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

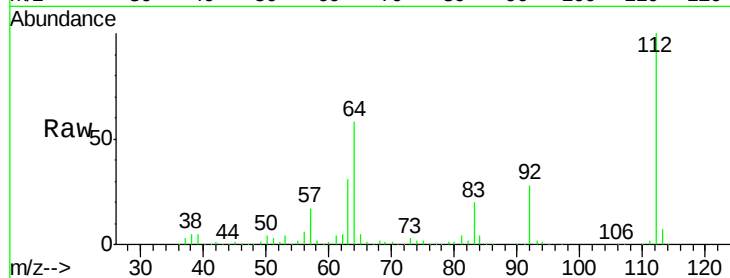
Tot Ion: 112 Resp: 724880

Ion Ratio Lower Upper

112 100

64 57.9 50.5 75.7

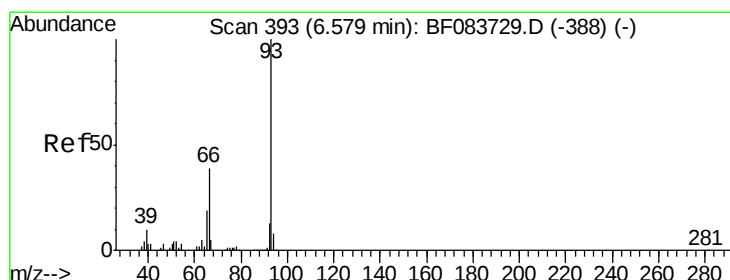
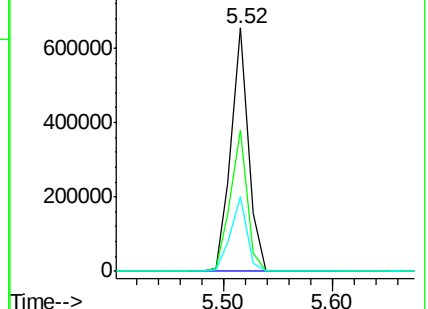
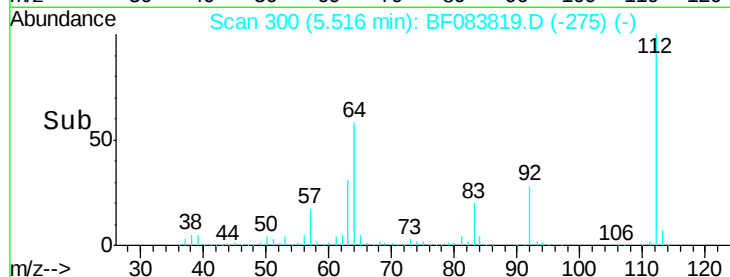
63 30.7 25.8 38.6



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: 14.34 ng m

RT: 6.61 min Scan# 396

Delta R.T. 0.03 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

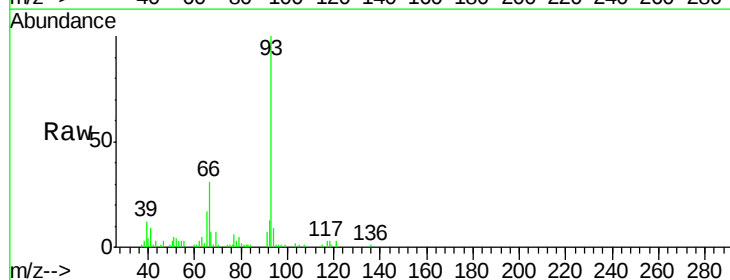
Tgt Ion: 93 Resp: 152520

Ion Ratio Lower Upper

93 100

66 30.9 41.3 61.9#

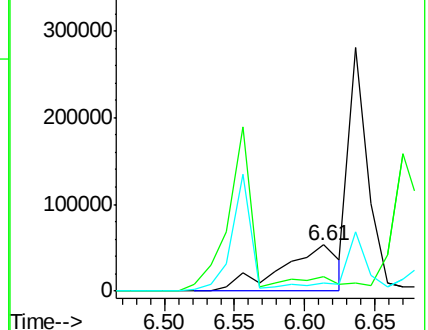
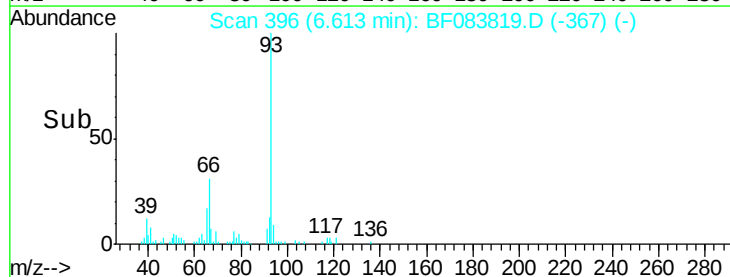
65 16.9 20.8 31.2#

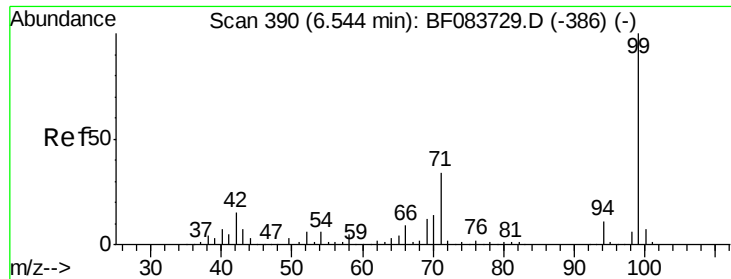


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.95 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

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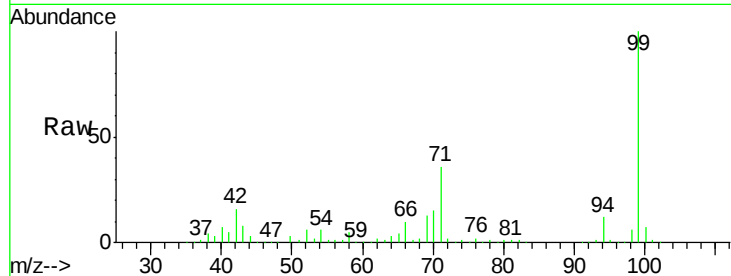
Tot Ion: 99 Resp: 978472

Ion Ratio Lower Upper

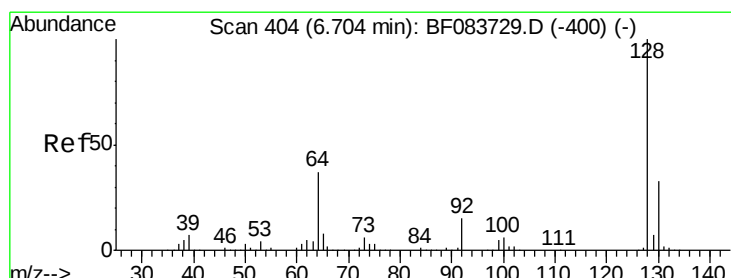
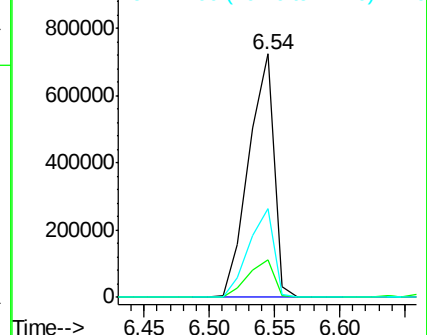
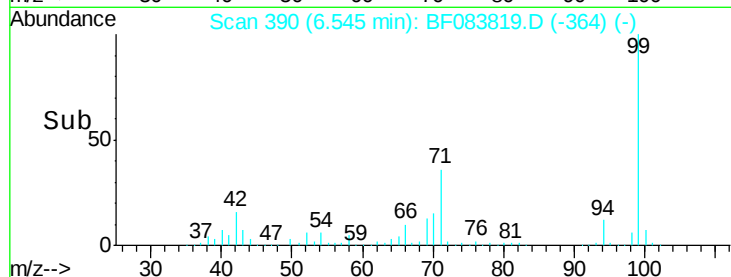
99 100

42 15.6 17.3 25.9#

71 36.2 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: 42.79 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

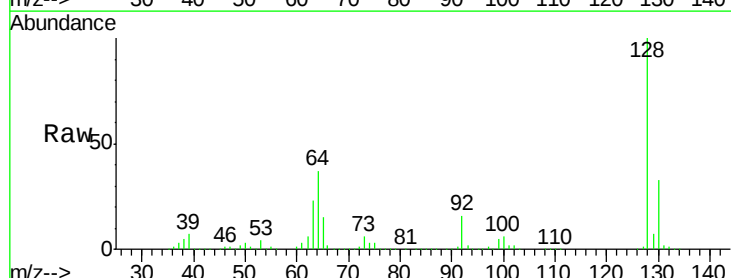
Tgt Ion:128 Resp: 310906

Ion Ratio Lower Upper

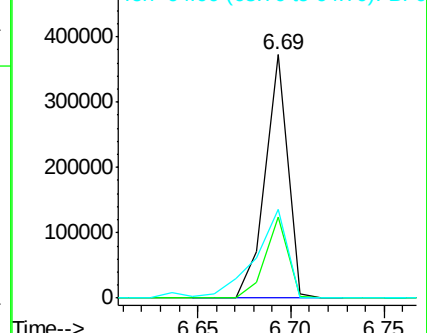
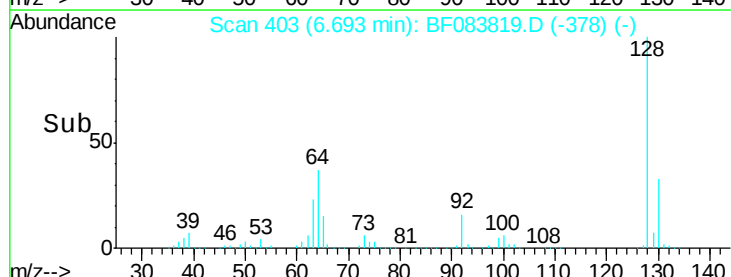
128 100

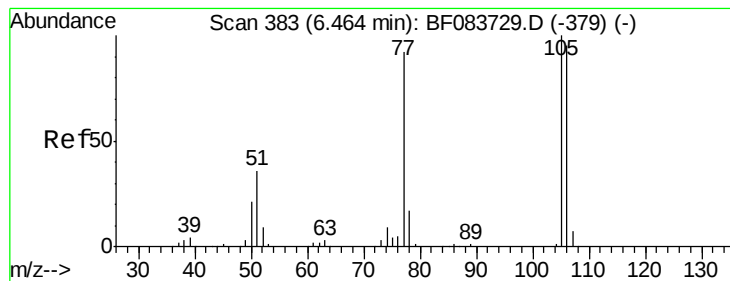
130 33.1 12.6 52.6

64 36.6 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: 37.23 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

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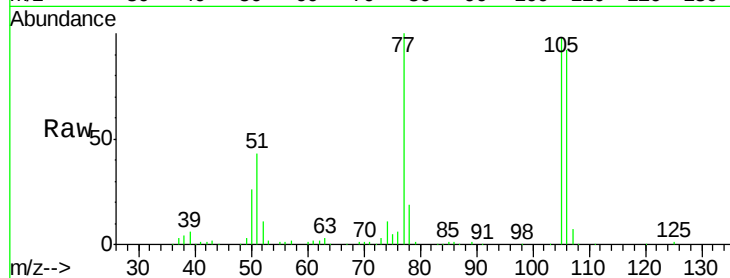
Tot Ion: 77 Resp: 156563

Ion Ratio Lower Upper

77 100

105 97.6 71.8 111.8

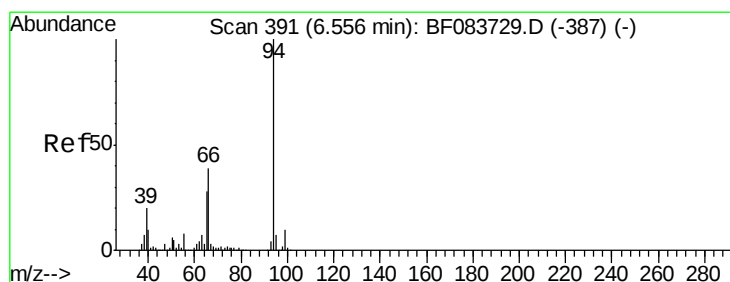
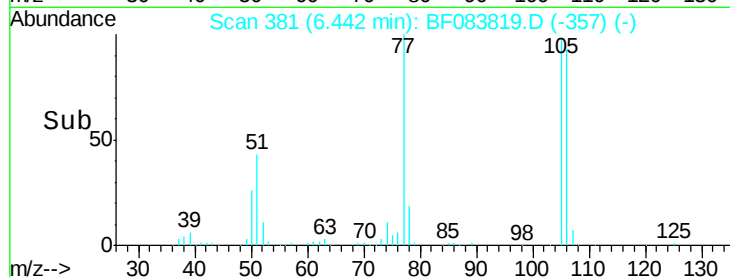
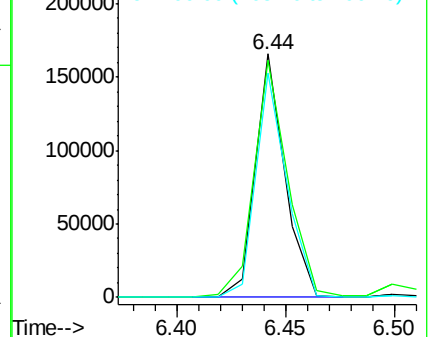
106 92.3 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.11 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

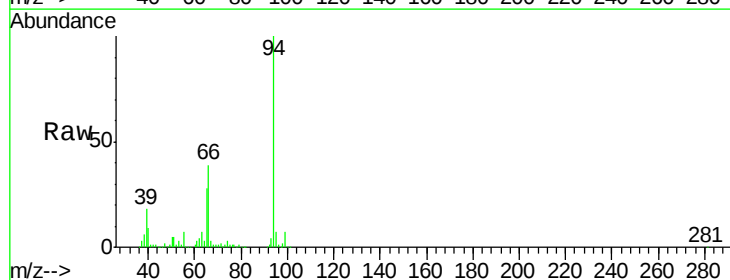
Tgt Ion: 94 Resp: 406636

Ion Ratio Lower Upper

94 100

65 27.8 20.9 60.9

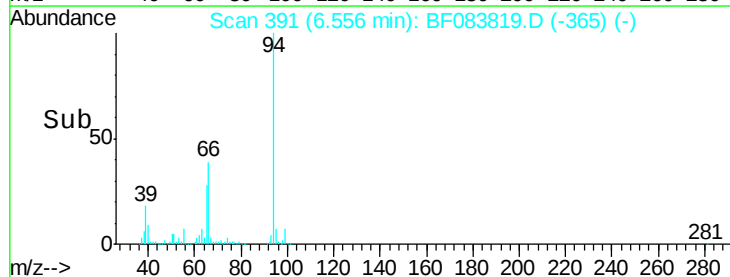
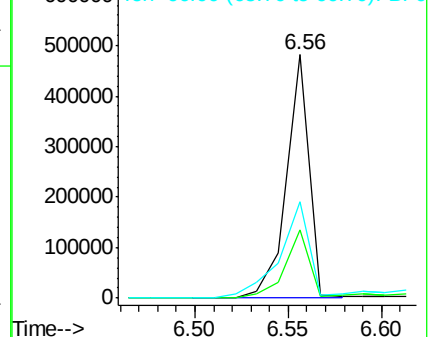
66 39.3 41.6 81.6#

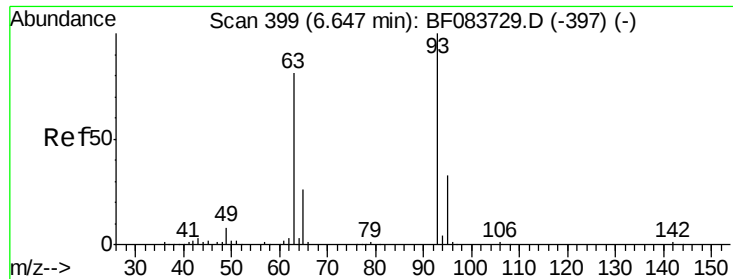


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

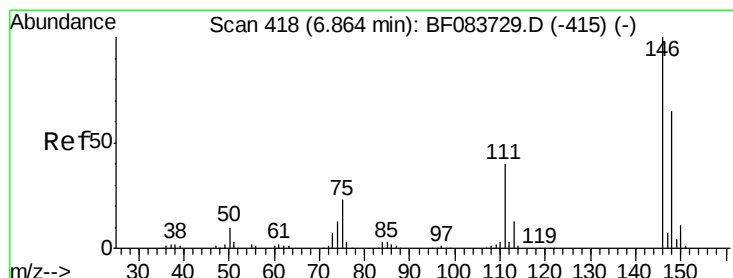
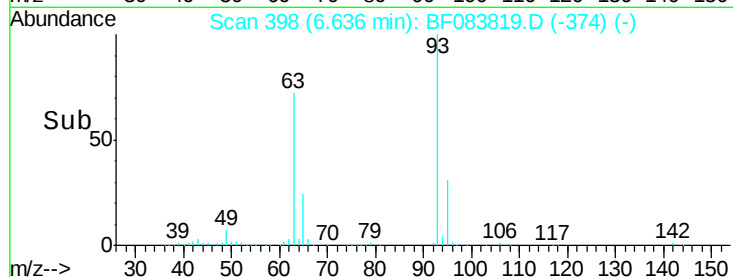
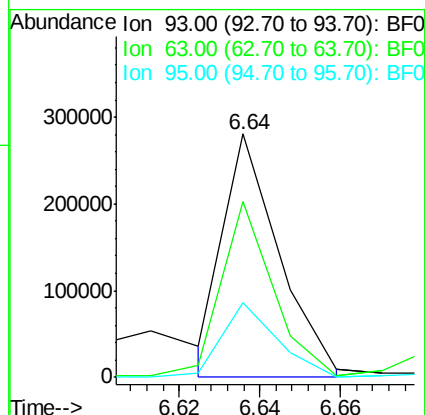
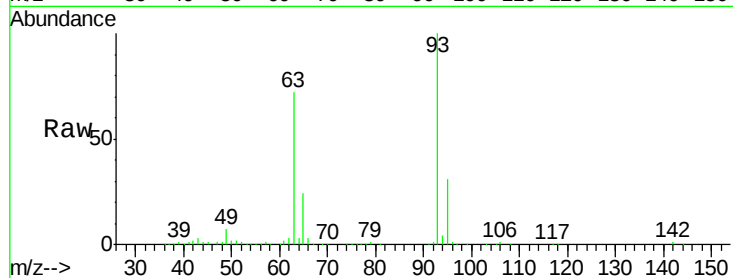




#11
bis(2-Chloroethyl)ether
Concen: 41.04 ng/mL
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

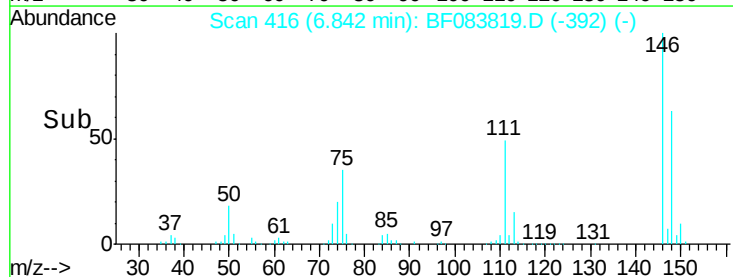
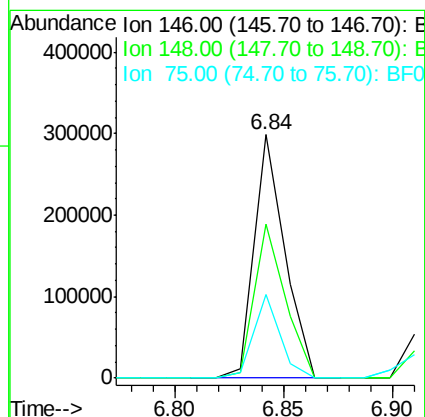
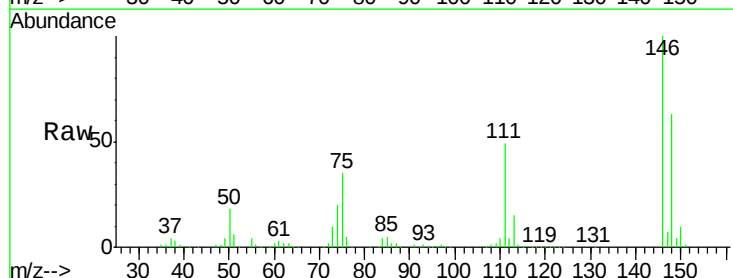
Instrument :
BNA_F
ClientSampleId :
K206-0-2MS

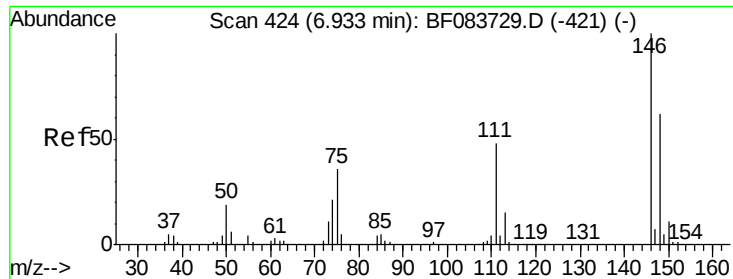
Tot Ion: 93 Resp: 267892
Ion Ratio Lower Upper
93 100
63 72.1 64.7 104.7
95 30.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 37.89 ng/mL
RT: 6.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion: 146 Resp: 292229
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 34.5 24.1 36.1

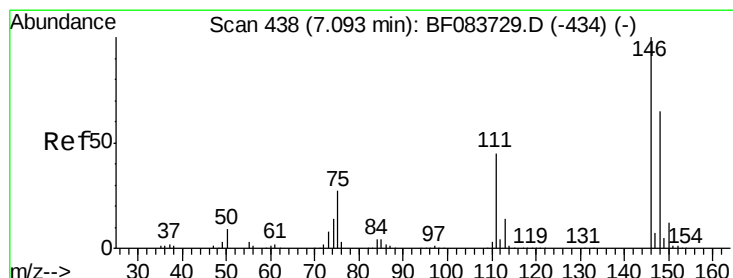
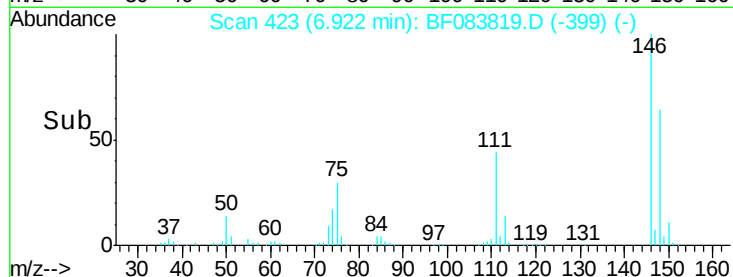
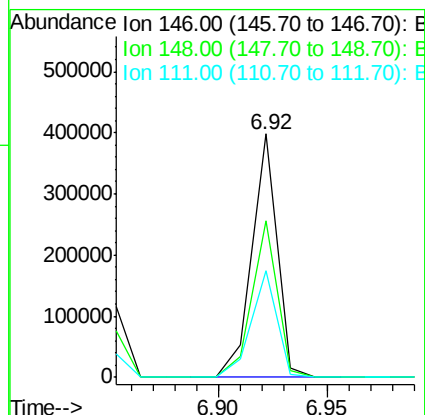
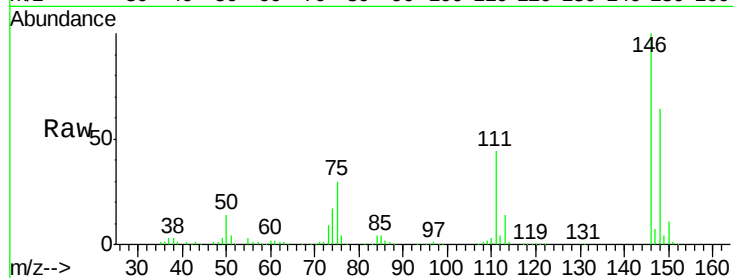




#13
 1,4-Dichlorobenzene
 Concen: 41.16 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.02 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

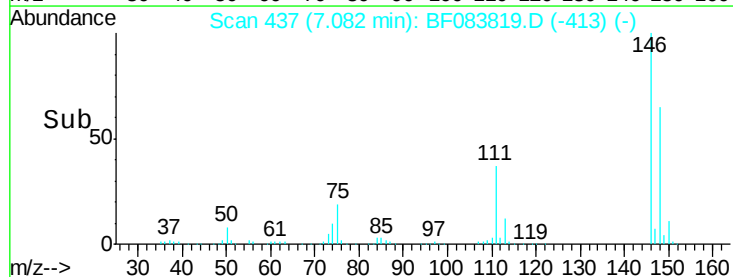
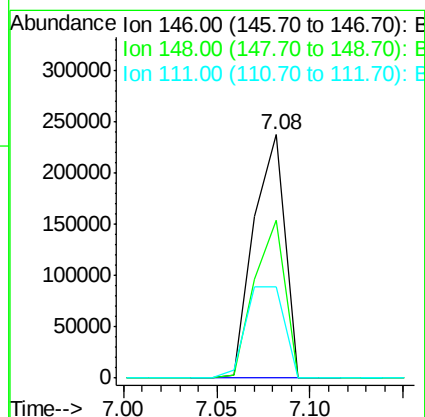
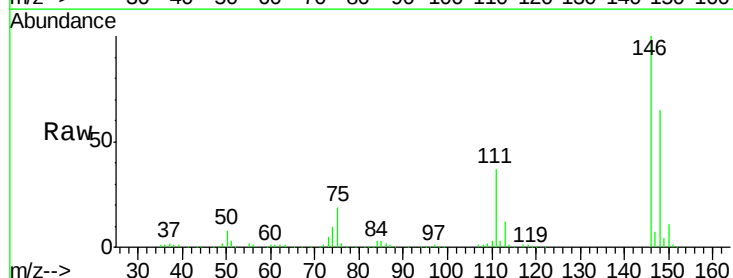
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MS

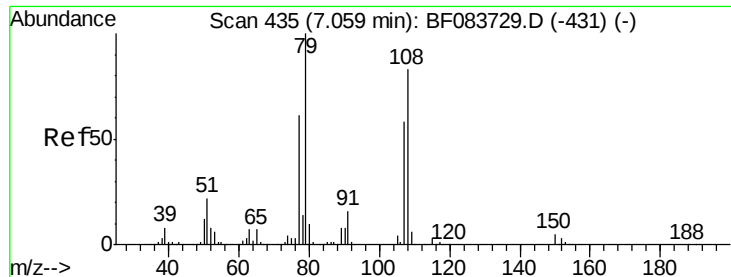
Tot Ion:146 Resp: 320755
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 76.0
 111 44.1 36.1 54.1



#14
 1,2-Dichlorobenzene
 Concen: 38.96 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

Tgt Ion:146 Resp: 272854
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.0
 111 37.3 36.7 55.1





#15

Benzyl Alcohol

Concen: 49.52 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

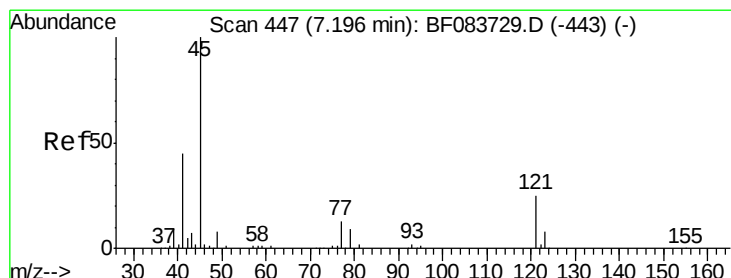
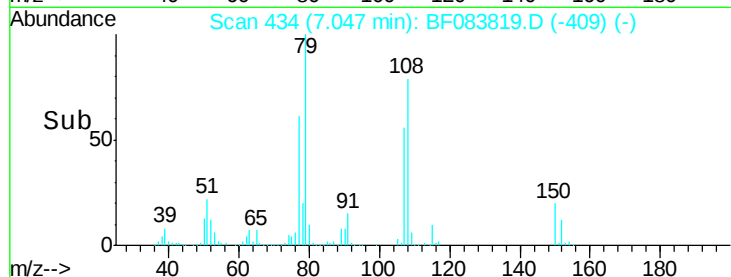
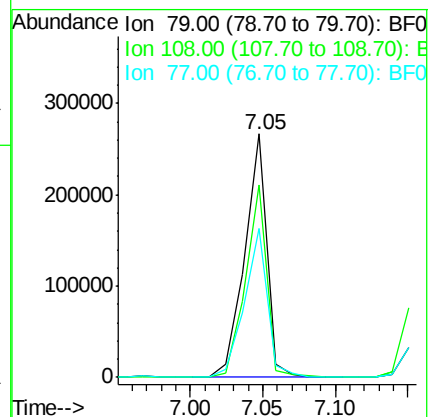
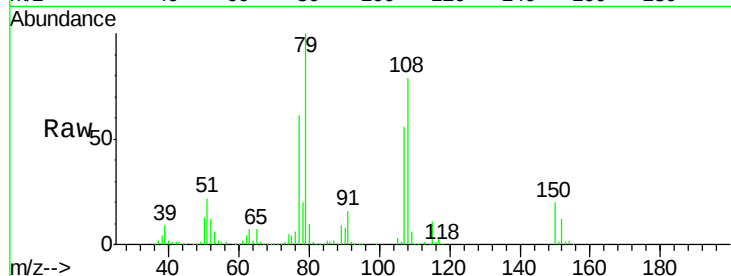
Tot Ion: 79 Resp: 284879

Ion Ratio Lower Upper

79 100

108 79.1 59.6 89.4

77 60.9 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.27 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

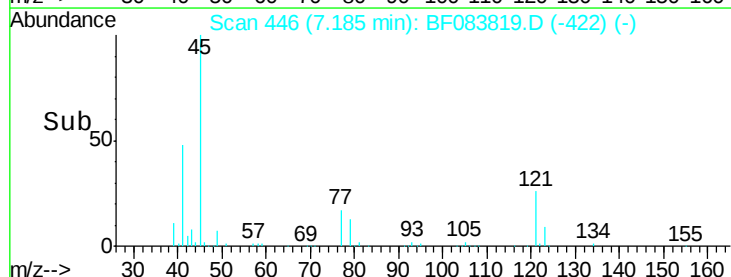
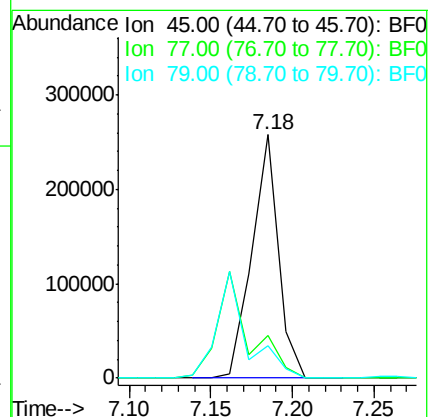
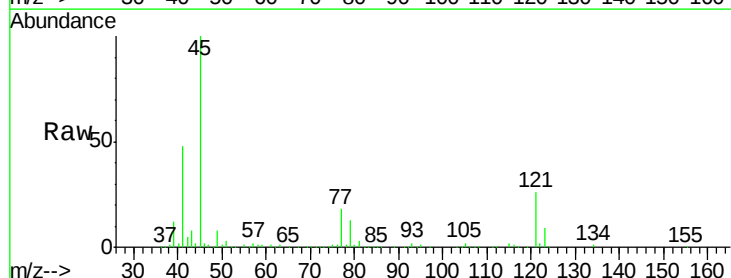
Tgt Ion: 45 Resp: 290480

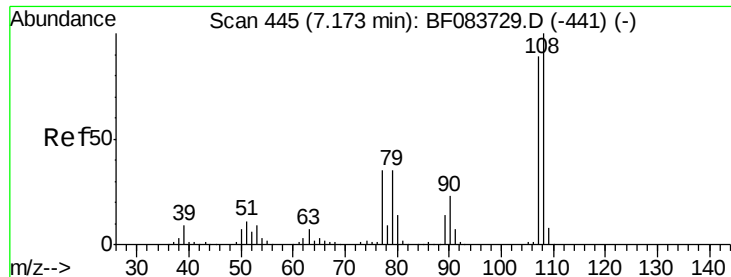
Ion Ratio Lower Upper

45 100

77 17.6 12.8 52.8

79 13.5 10.7 50.7

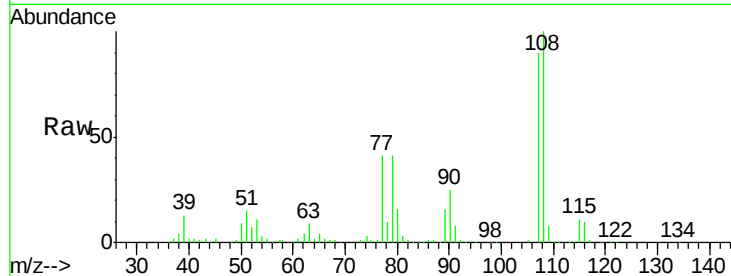




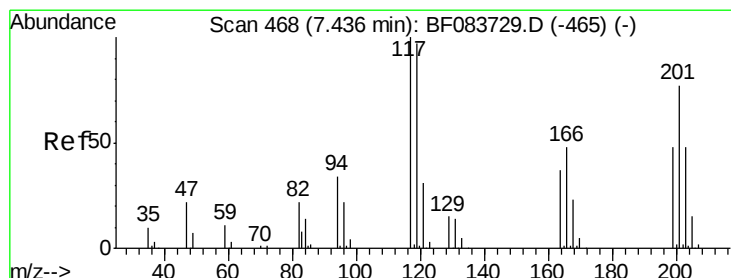
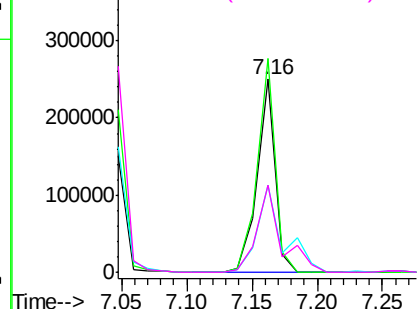
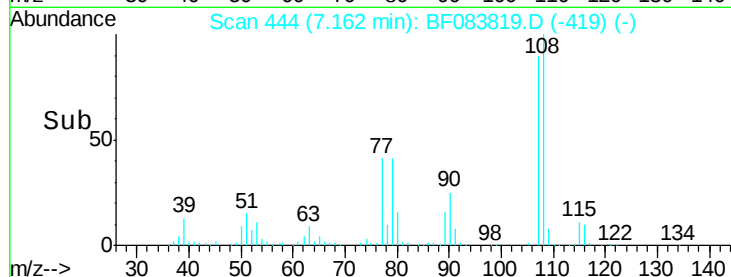
#17
2-Methylphenol
Concen: 41.01 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Instrument :
BNA_F
ClientSampleId :
K206-0-2MS

Tot Ion:107 Resp: 239625
Ion Ratio Lower Upper
107 100
108 110.6 91.6 137.4
77 45.1 53.7 80.5#
79 45.3 50.2 75.4#

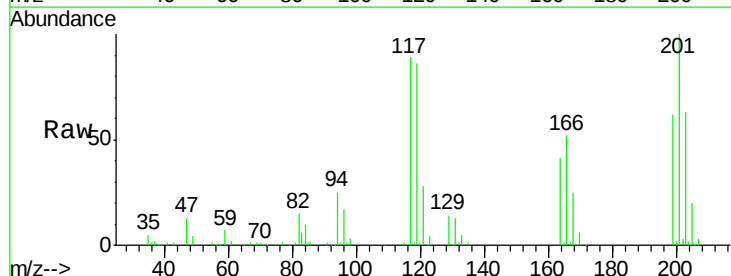


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

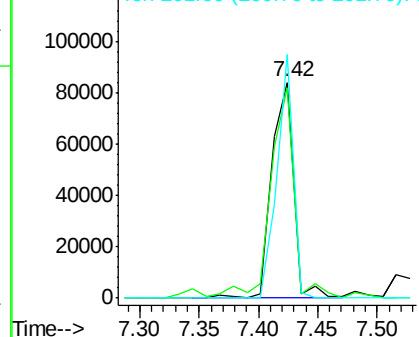
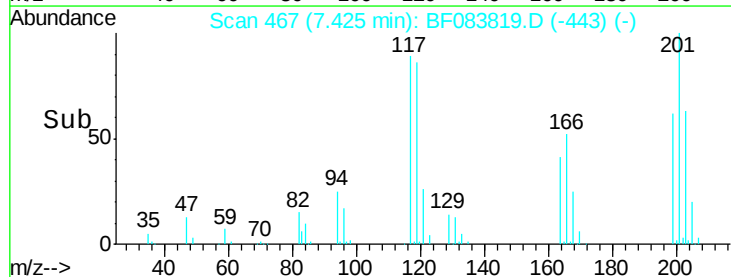


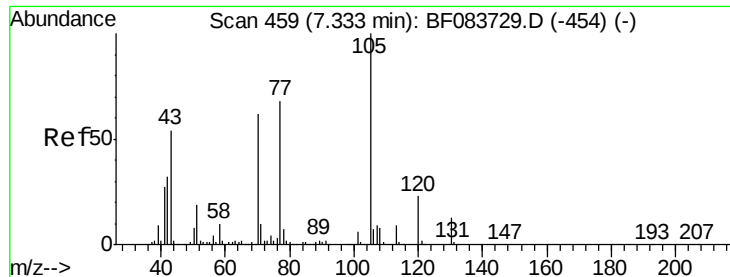
#18
Hexachloroethane
Concen: 39.23 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:117 Resp: 108560
Ion Ratio Lower Upper
117 100
119 97.1 77.2 115.8
201 112.7 86.8 130.2



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

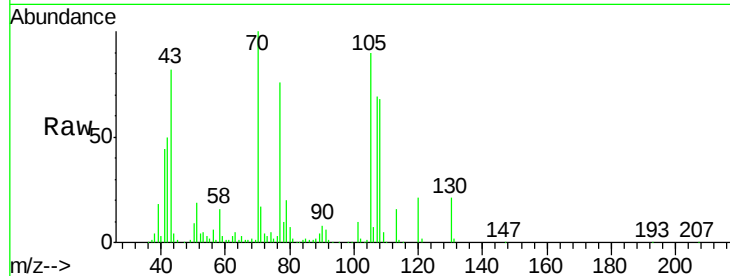




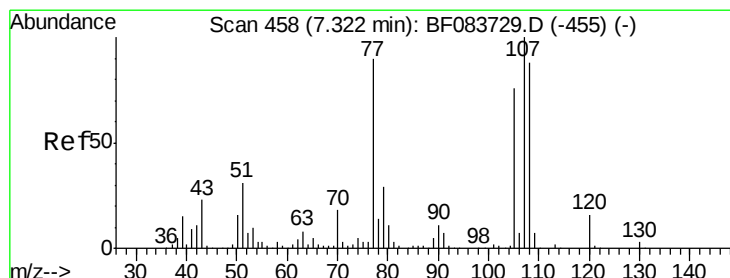
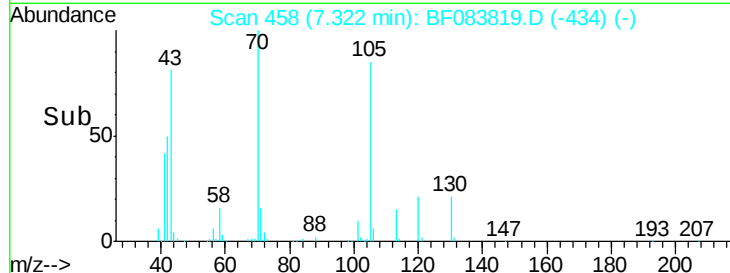
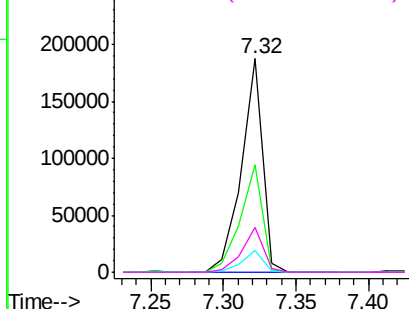
#19
n-Nitroso-di-n-propylamine
Concen: 39.60 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Instrument :
BNA_F
ClientSampleId :
K206-0-2MS

Tot Ion: 70 Resp: 189902
Ion Ratio Lower Upper
70 100
42 50.4 49.2 73.8
101 10.0 7.1 10.7
130 21.1 15.4 23.0

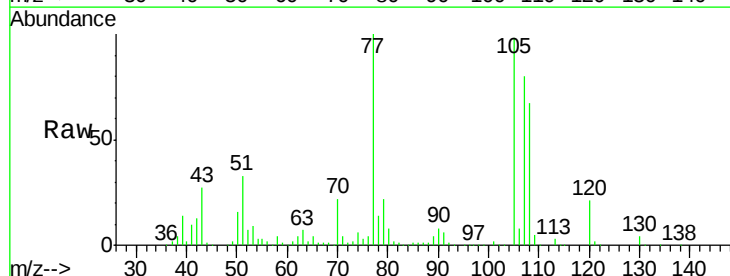


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

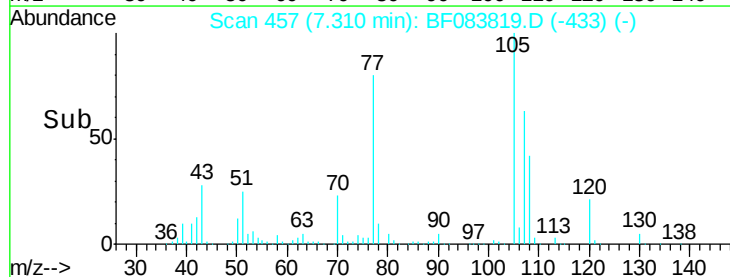
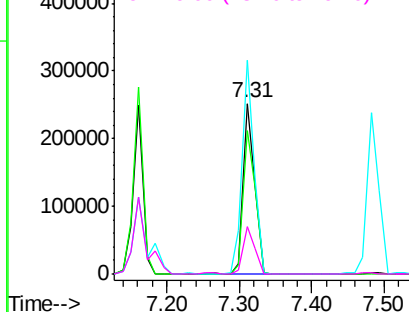


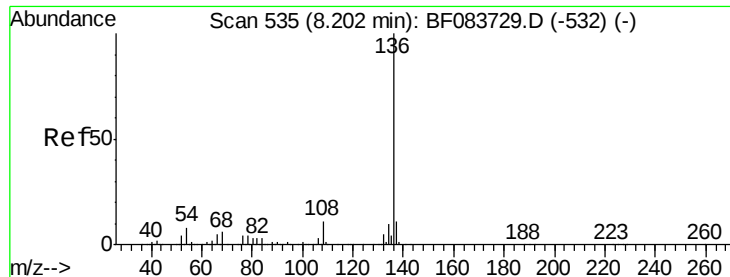
#20
3+4-Methylphenols
Concen: 40.35 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:107 Resp: 278292
Ion Ratio Lower Upper
107 100
108 83.9 65.2 105.2
77 125.0 15.2 55.2#
79 27.6 6.0 46.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

Tot Ion:136 Resp: 399296

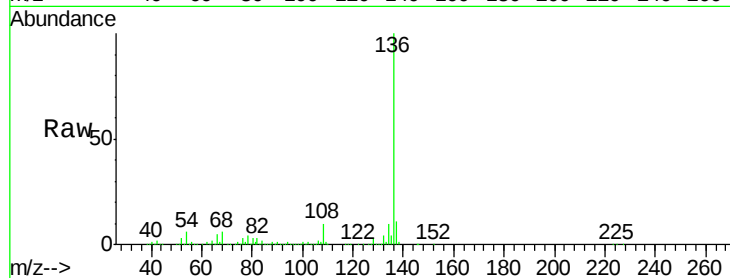
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.4 7.8 11.6#

68 5.5 5.7 8.5#

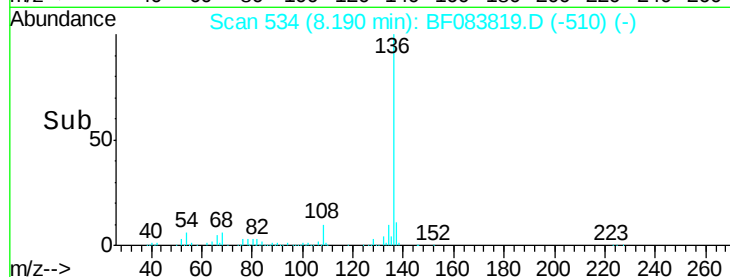


Abundance Ion 136.00 (135.70 to 136.70): E

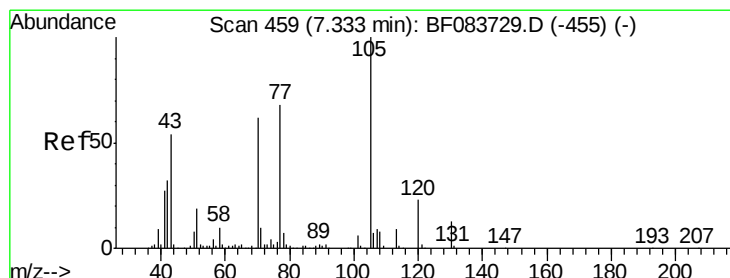
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.10 8.15 8.20 8.25



#22

Acetophenone

Concen: 38.91 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Tgt Ion:105 Resp: 381136

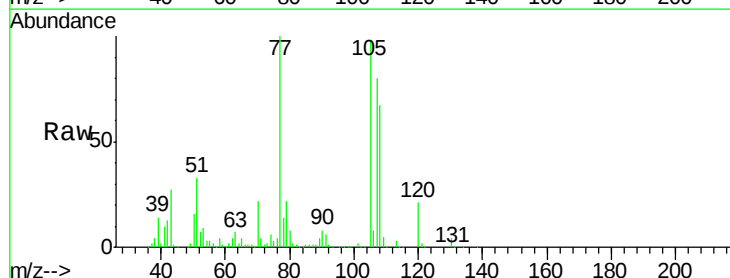
Ion Ratio Lower Upper

105 100

71 3.8 1.3 1.9#

51 33.2 23.8 35.8

120 21.2 16.7 25.1

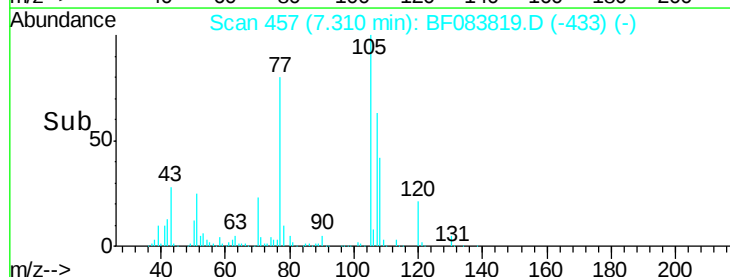


Abundance Ion 105.00 (104.70 to 105.70): E

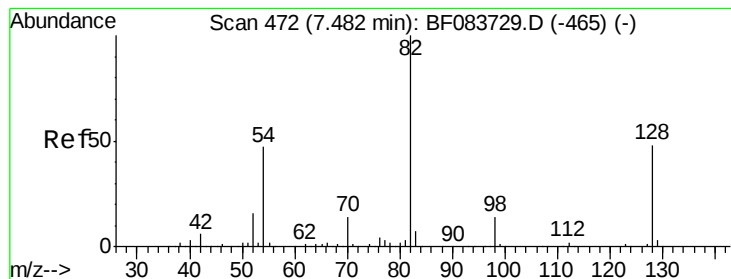
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 7.25 7.30 7.35



#23

Nitrobenzene-d5

Concen: 89.72 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

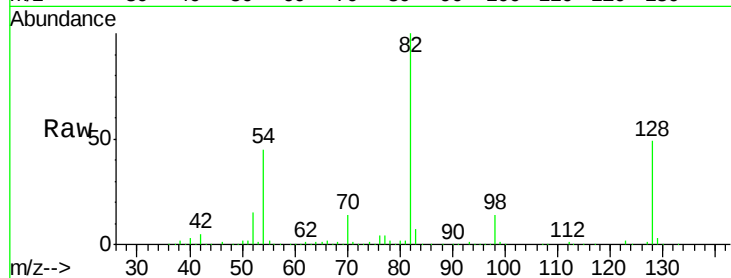
Tot Ion: 82 Resp: 640361

Ion Ratio Lower Upper

82 100

128 49.0 30.7 46.1#

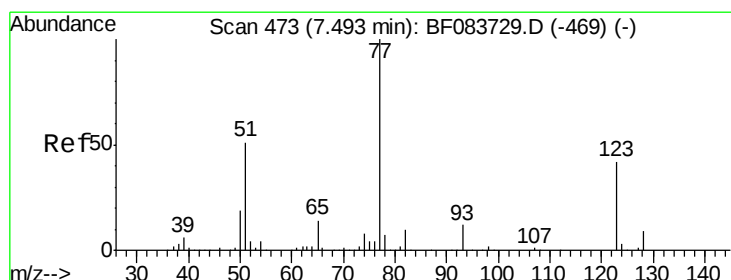
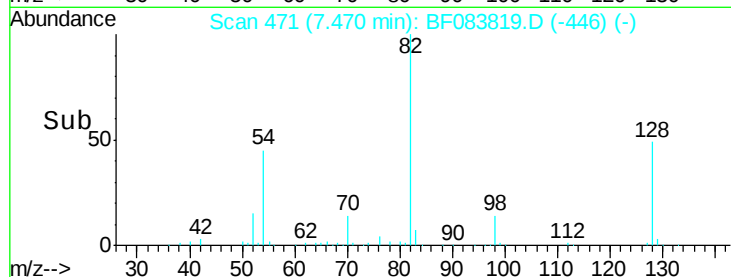
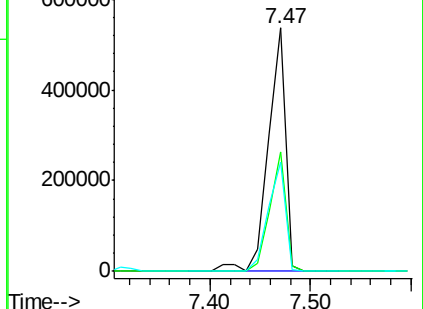
54 45.1 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.86 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

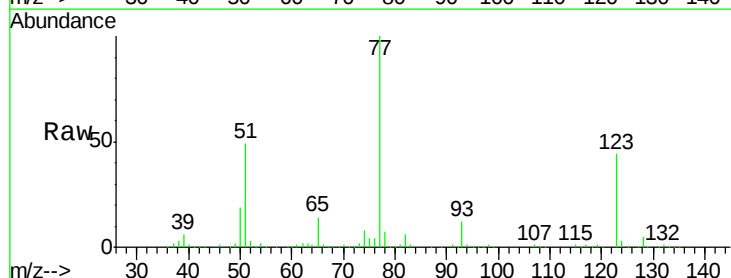
Tgt Ion: 77 Resp: 266379

Ion Ratio Lower Upper

77 100

123 44.0 29.8 44.6

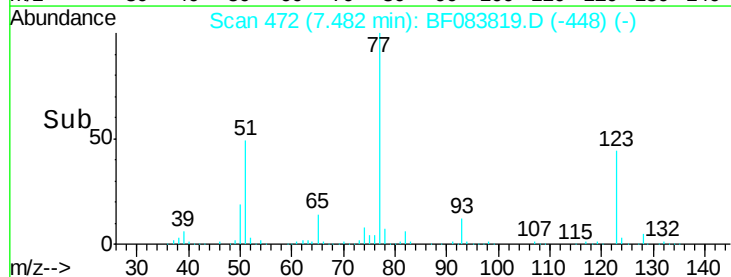
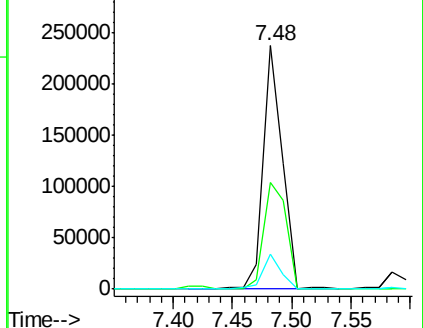
65 14.1 11.1 16.7

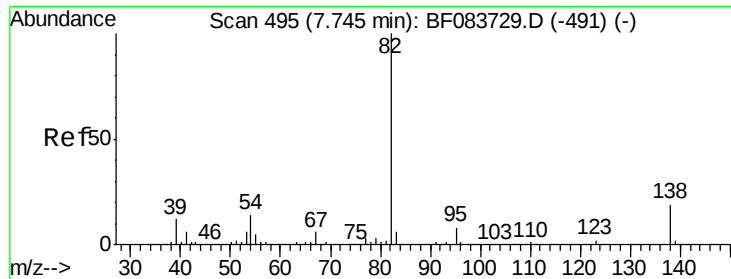


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.06 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

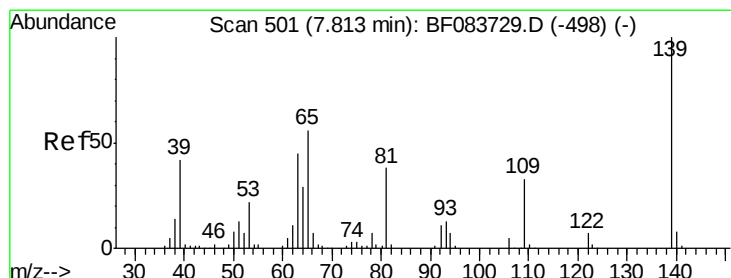
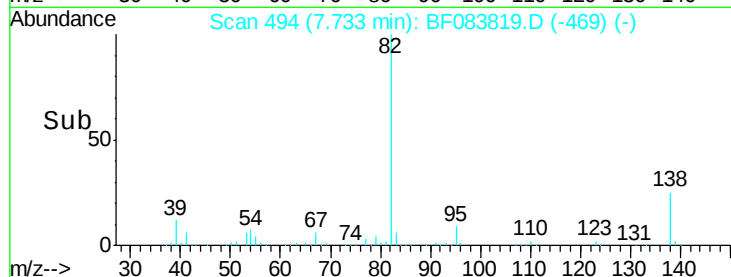
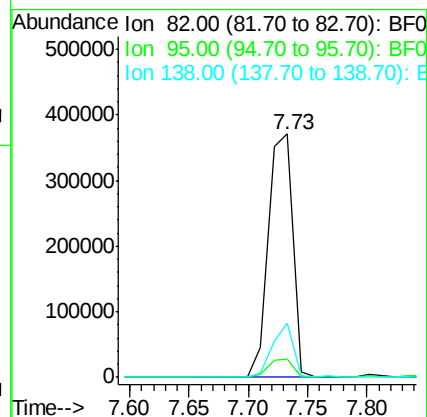
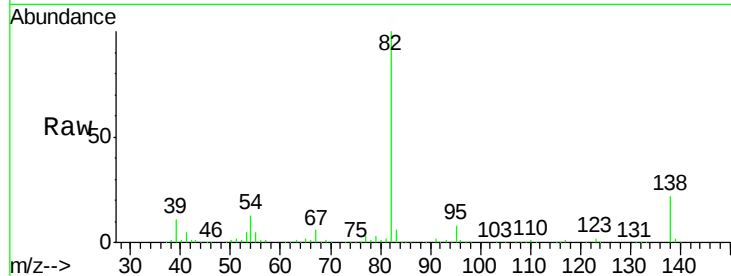
Tot Ion: 82 Resp: 532981

Ion Ratio Lower Upper

82 100

95 7.8 5.0 7.4#

138 22.0 12.1 18.1#



#26

2-Nitrophenol

Concen: 41.41 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

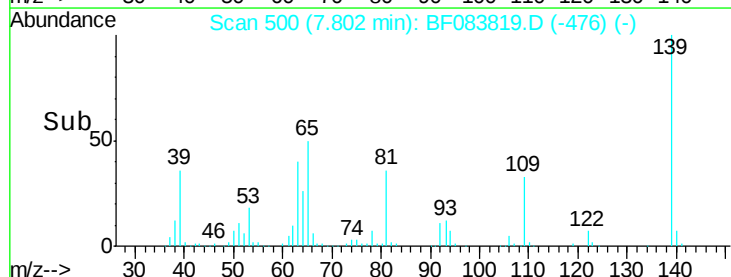
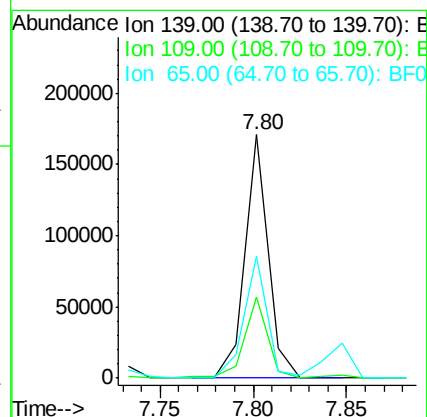
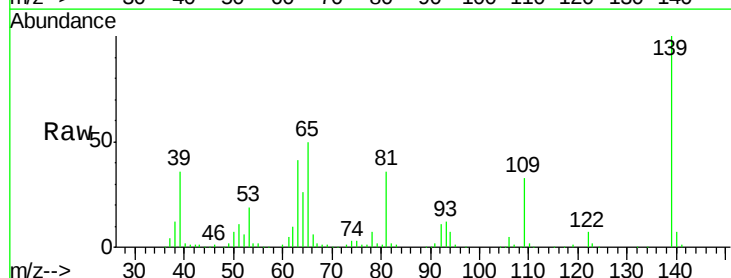
Tgt Ion: 139 Resp: 147767

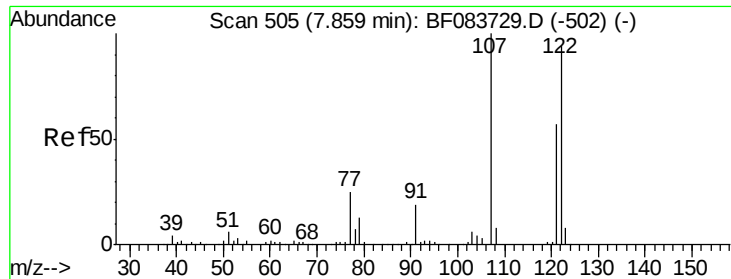
Ion Ratio Lower Upper

139 100

109 33.2 22.7 34.1

65 50.3 51.8 77.8#





#27

2,4-Dimethylphenol

Concen: 40.75 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

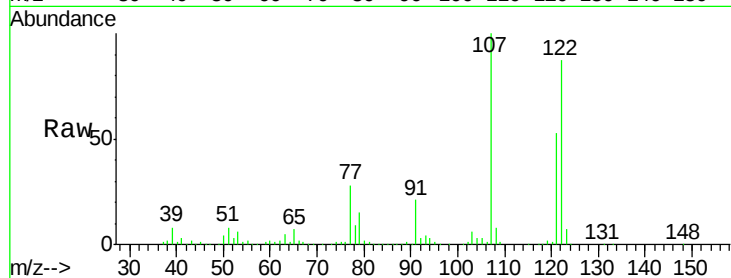
Tot Ion:122 Resp: 285733

Ion Ratio Lower Upper

122 100

107 115.1 92.4 138.6

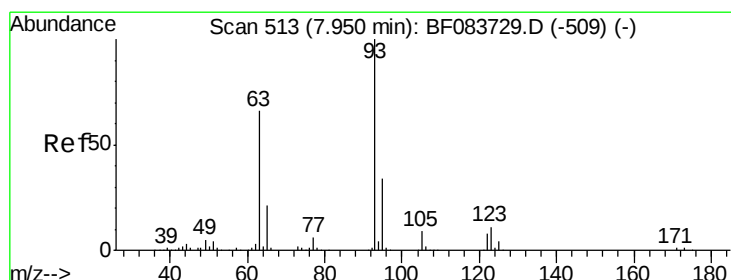
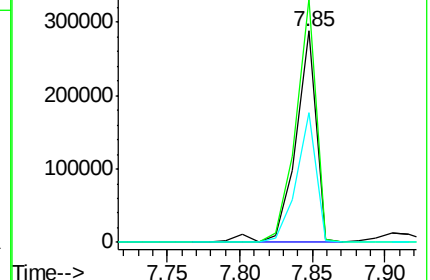
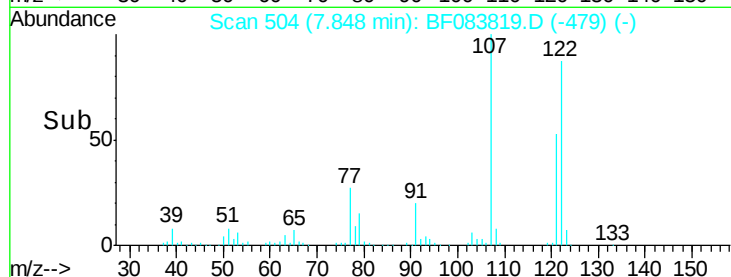
121 61.5 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.79 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

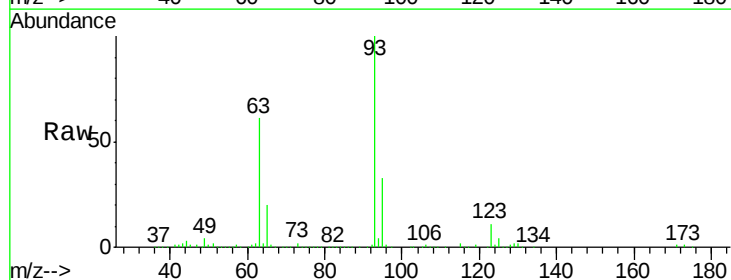
Tgt Ion: 93 Resp: 349874

Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

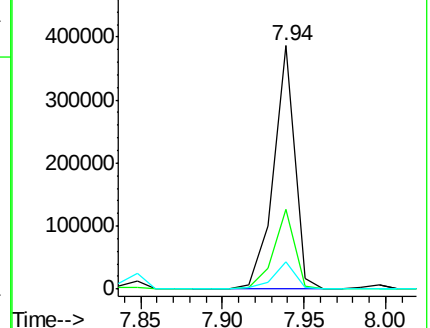
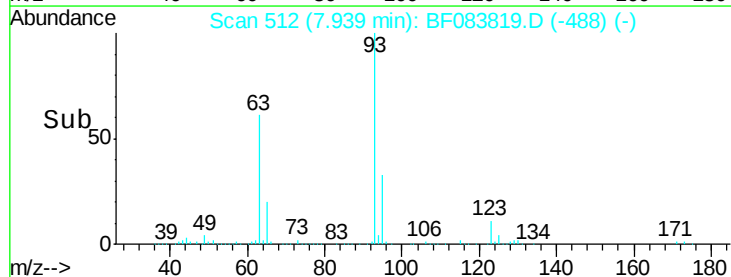
123 11.3 7.3 10.9#

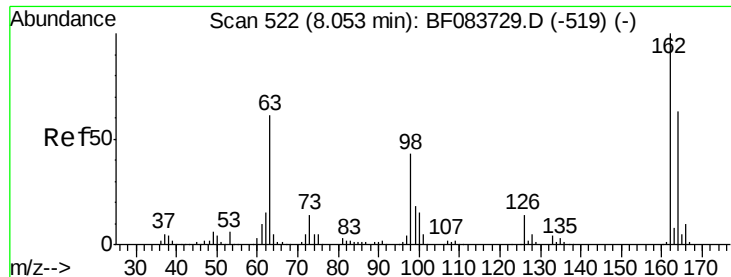


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

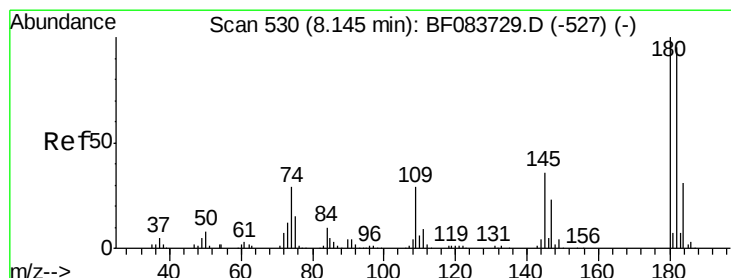
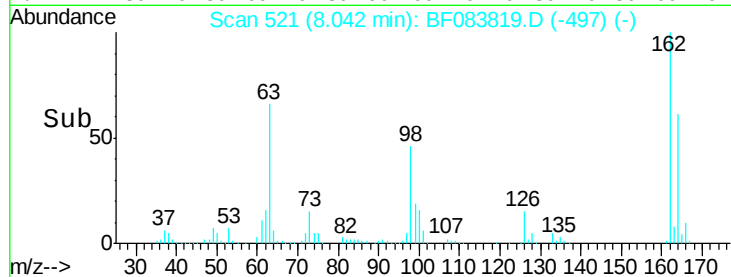
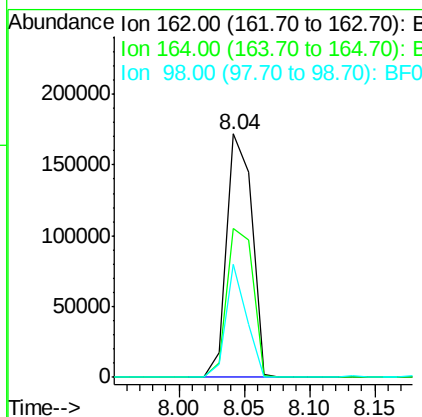
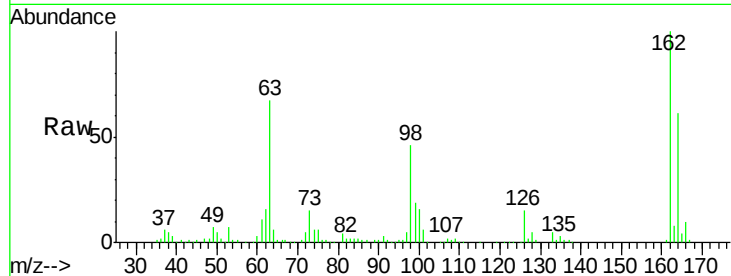




#29
 2,4-Dichlorophenol
 Concen: 40.27 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

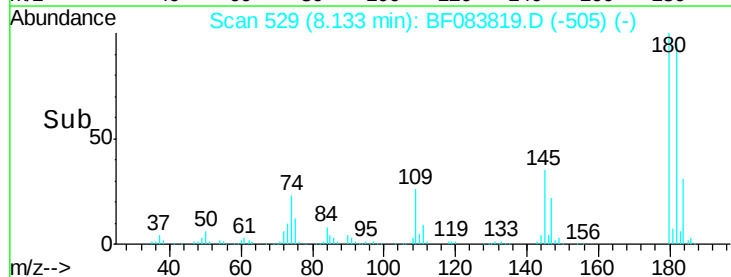
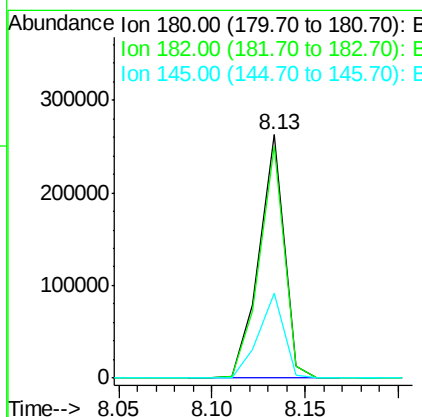
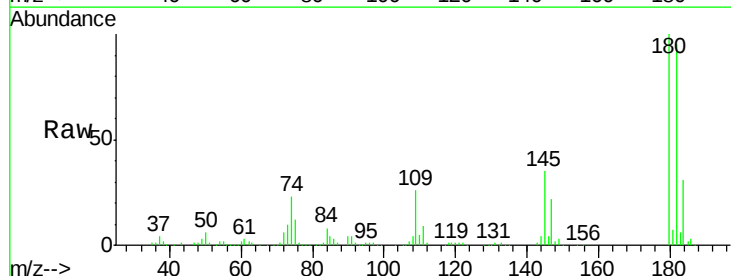
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MS

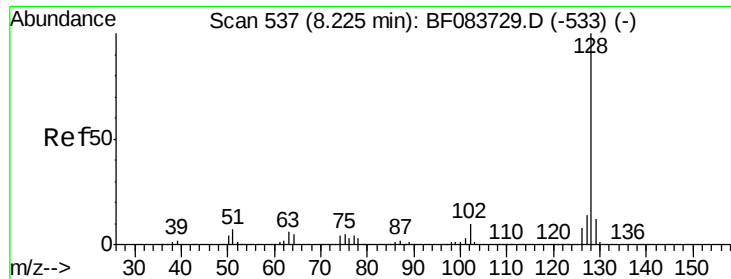
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	43.4	83.4
98	46.4	17.5	57.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.93 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.9	112.3
145	34.6	24.7	37.1

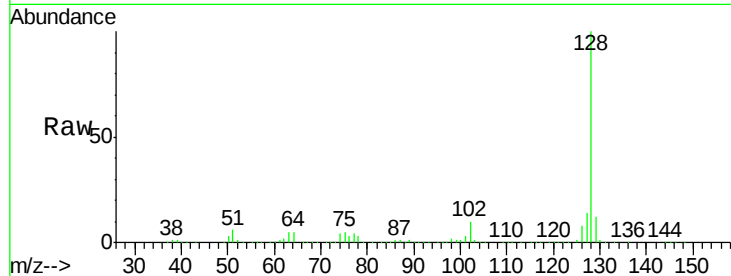




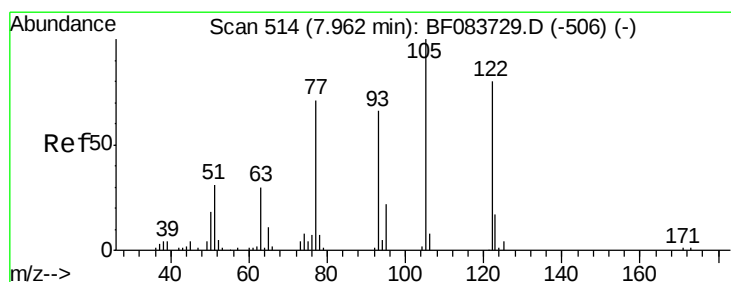
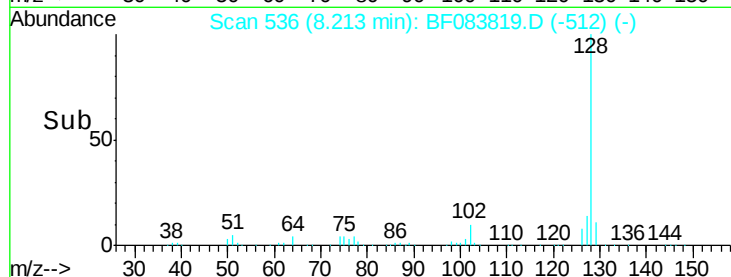
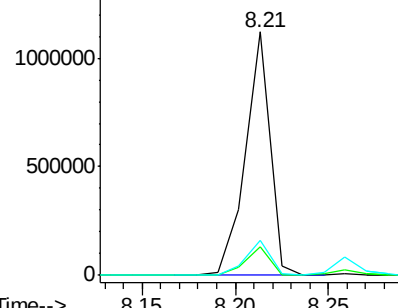
#31
Naphthalene
Concen: 48.68 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Instrument :
BNA_F
ClientSampleId :
K206-0-2MS

Tot Ion:128 Resp: 1013180
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 14.1 10.6 16.0

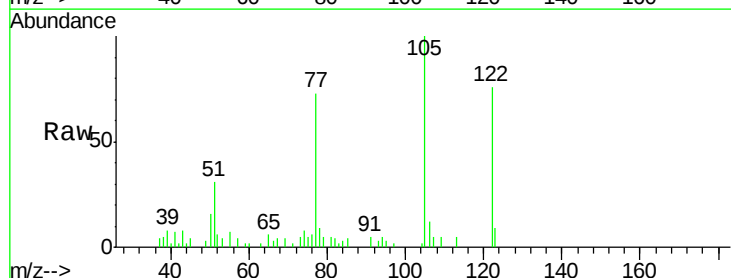


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

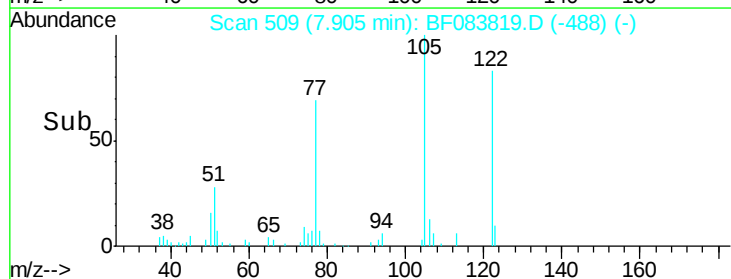
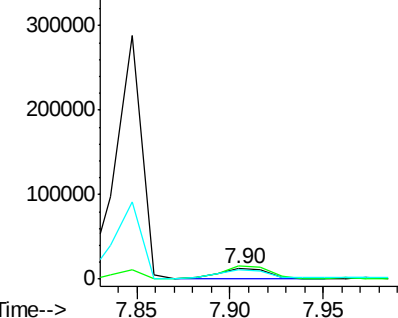


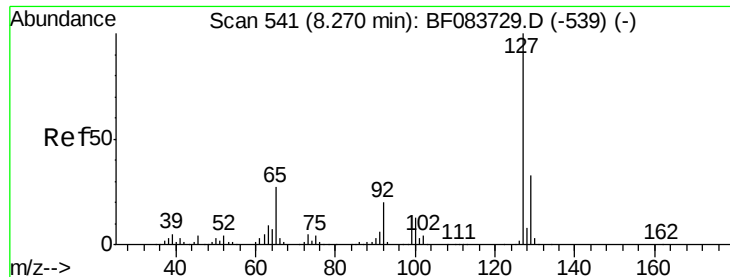
#32
Benzoic acid
Concen: 4.82 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:122 Resp: 21042
Ion Ratio Lower Upper
122 100
105 132.1 105.6 145.6
77 96.2 86.8 126.8



Abundance Ion 122.00 (121.70 to 122.70): E
400000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

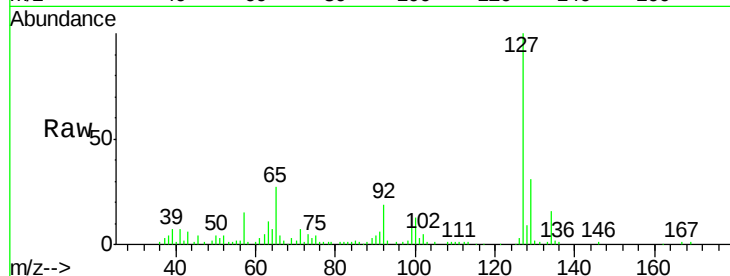




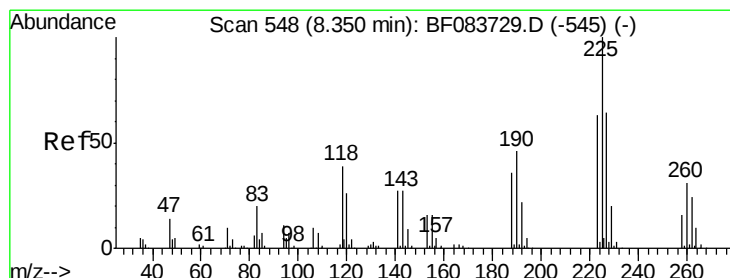
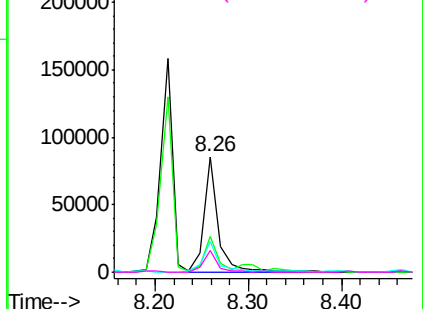
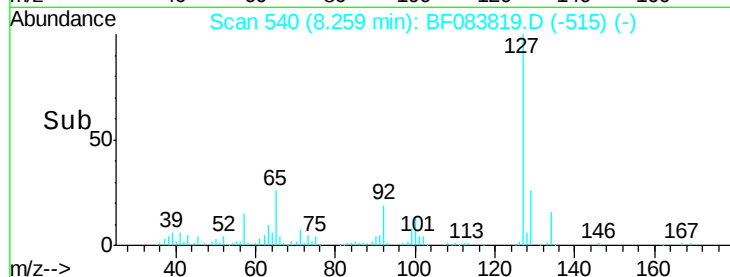
#33
4-Chloroaniline
Concen: 11.03 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Instrument :
BNA_F
ClientSampleId :
K206-0-2MS

Tot Ion:	127	Resp:	93783
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.1	39.1
65	26.6	33.5	50.3
92	19.4	18.6	28.0

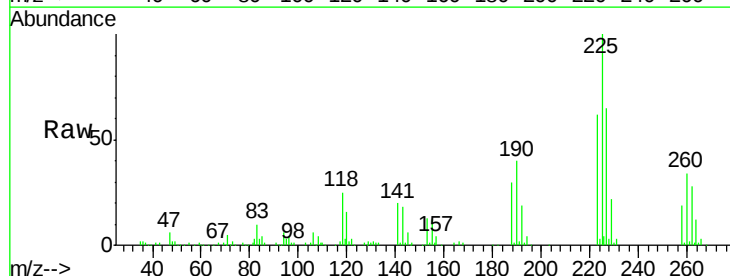


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

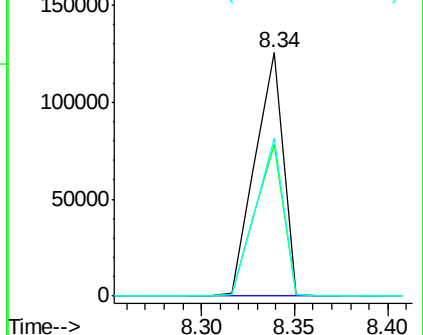
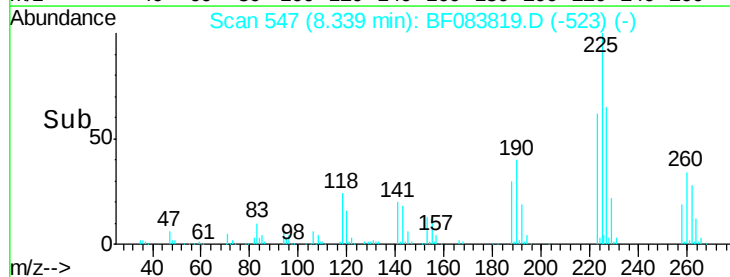


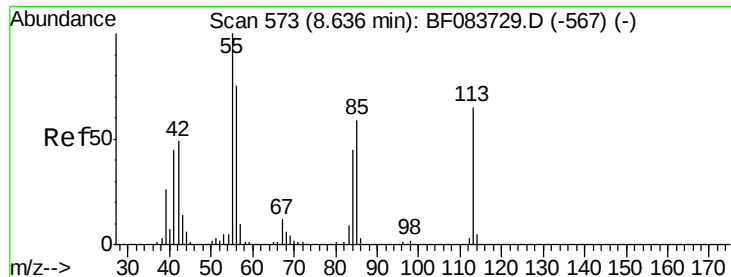
#34
Hexachlorobutadiene
Concen: 40.03 ng
RT: 8.34 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:	225	Resp:	131137
Ion	Ratio	Lower	Upper
225	100		
223	62.1	52.3	78.5
227	64.9	50.4	75.6



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





#35

Caprolactam

Concen: 43.14 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

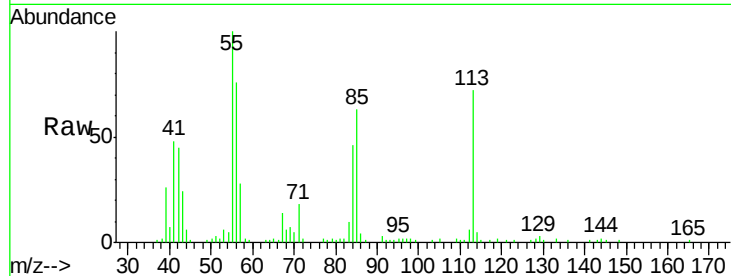
Tot Ion:113 Resp: 79743

Ion Ratio Lower Upper

113 100

55 139.7 189.7 229.7#

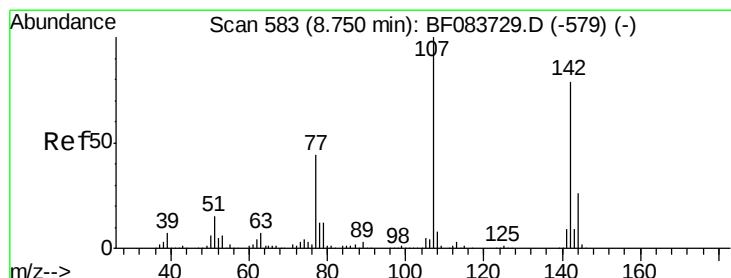
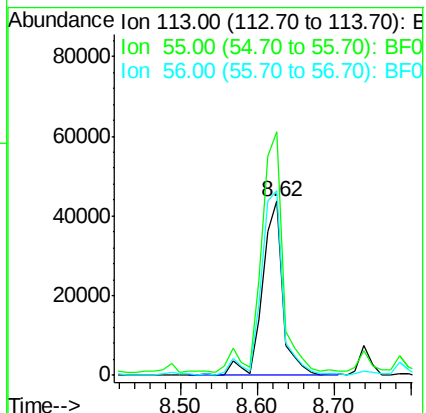
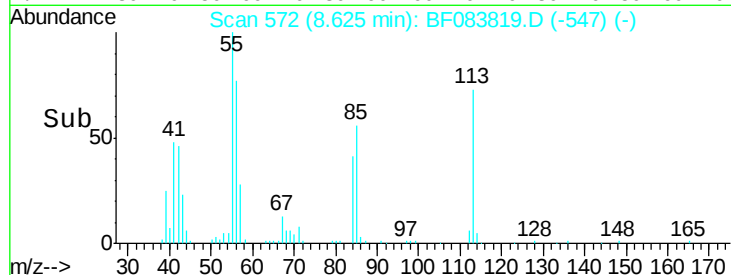
56 106.3 130.7 170.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.77 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

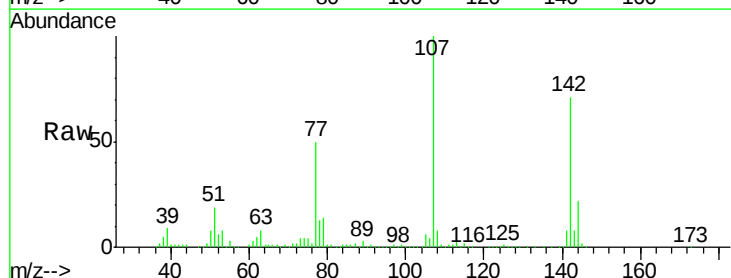
Tgt Ion:107 Resp: 247575

Ion Ratio Lower Upper

107 100

144 22.5 17.5 26.3

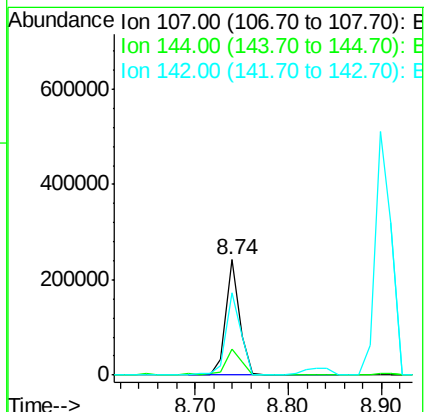
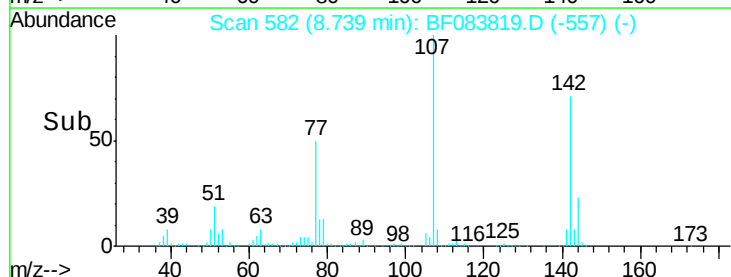
142 71.4 53.6 80.4

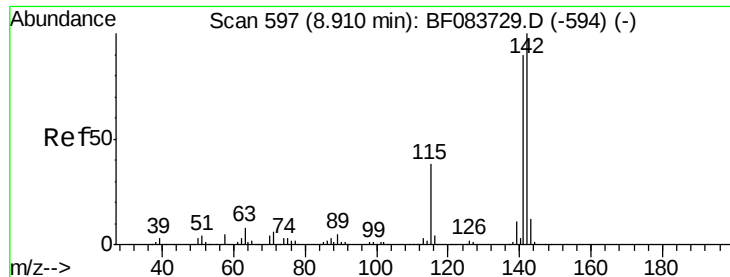


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

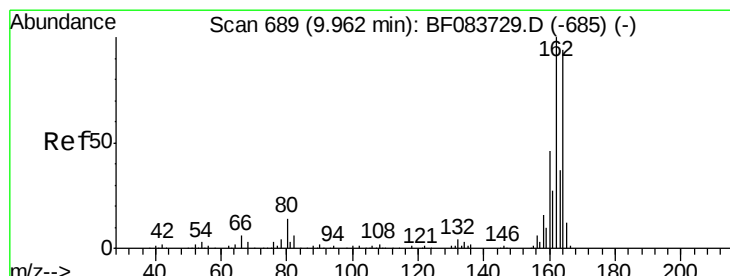
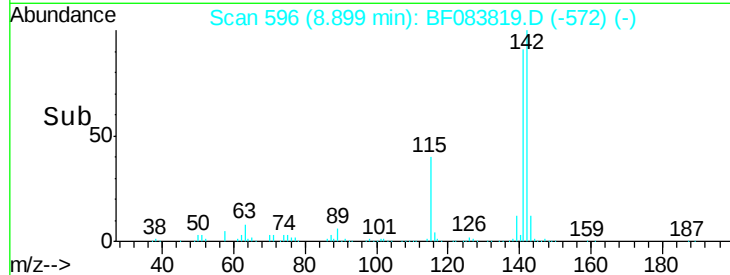
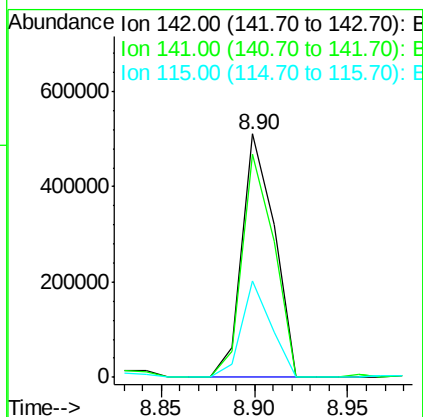
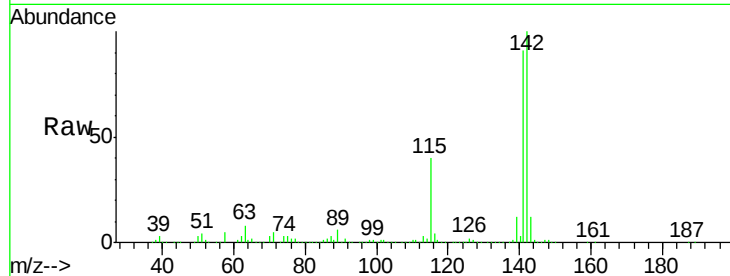




#37
2-Methylnaphthalene
Concen: 47.05 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

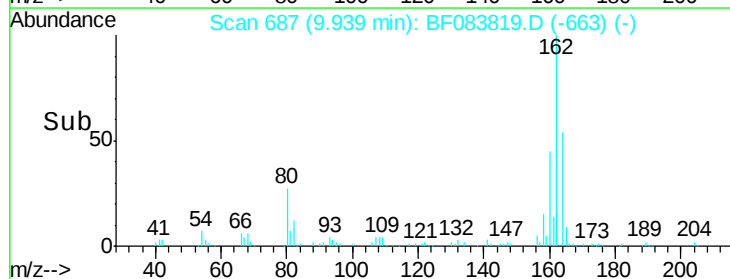
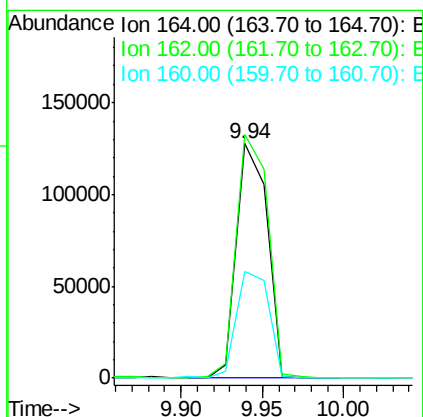
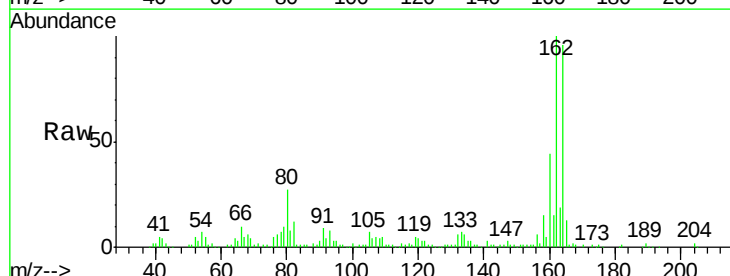
Instrument :
BNA_F
ClientSampleId :
K206-0-2MS

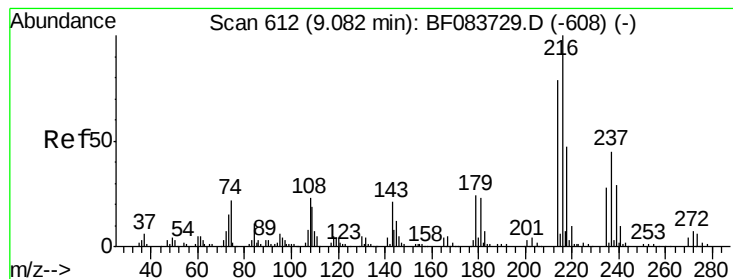
Tot Ion:142 Resp: 614770
Ion Ratio Lower Upper
142 100
141 91.5 70.3 105.5
115 39.8 29.2 43.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:164 Resp: 166325
Ion Ratio Lower Upper
164 100
162 104.0 78.8 118.2
160 45.6 33.4 50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.74 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

Tot Ion:216 Resp: 224409

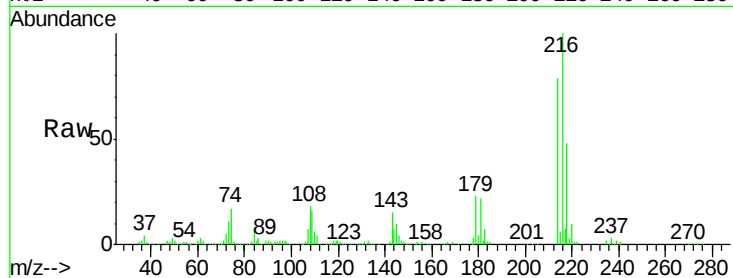
Ion Ratio Lower Upper

216 100

214 78.5 0.0 0.0#

179 23.1 0.0 0.0#

108 20.8 0.0 0.0#

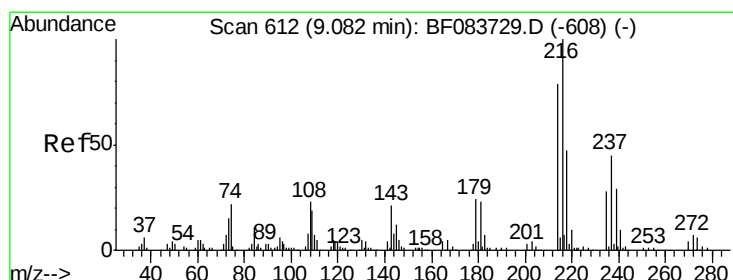
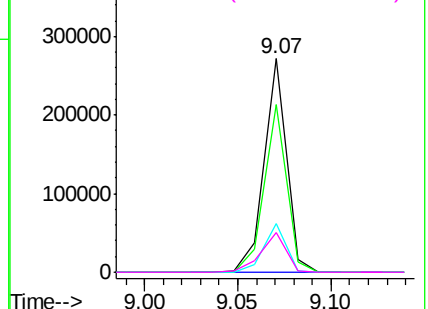
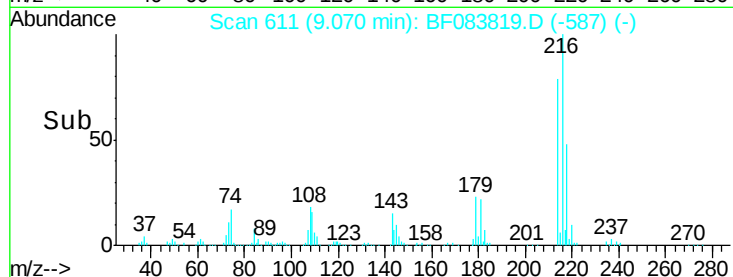


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.70 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

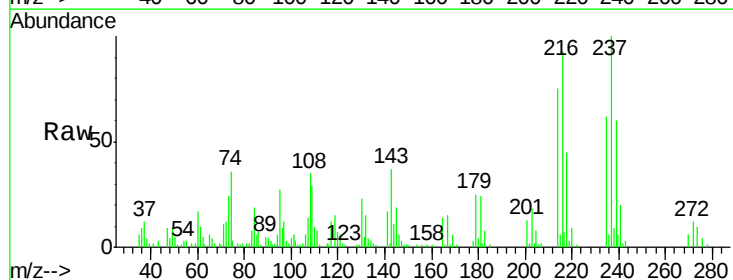
Tgt Ion:237 Resp: 36548

Ion Ratio Lower Upper

237 100

235 61.8 43.9 83.9

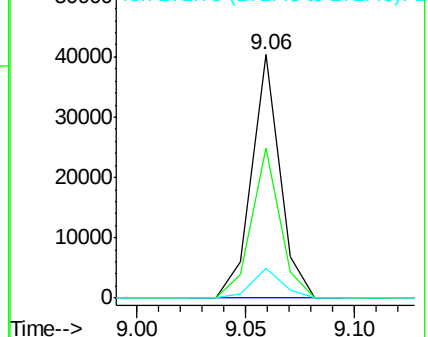
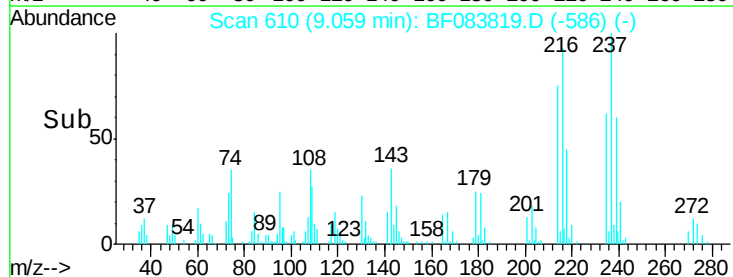
272 12.3 0.0 31.8

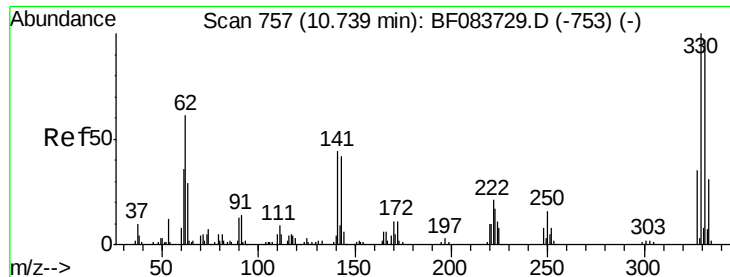


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

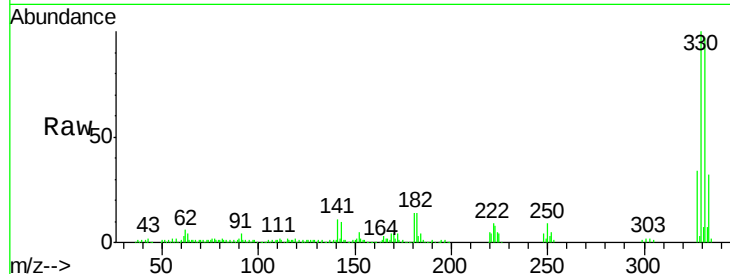




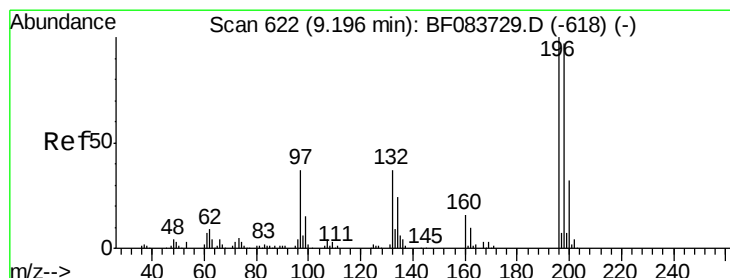
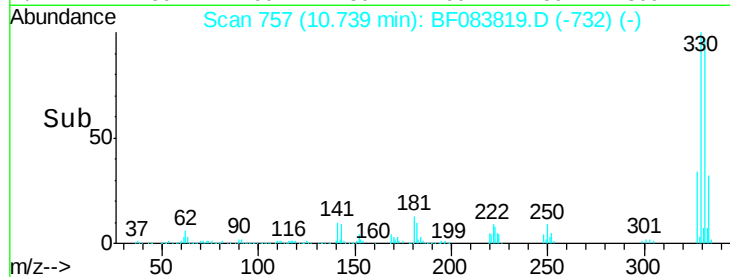
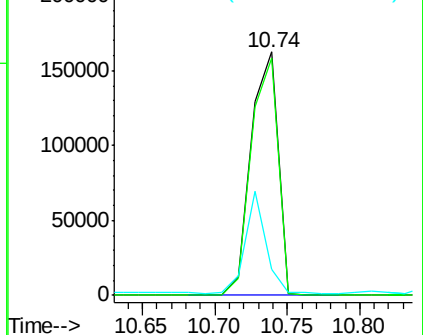
#41
 2,4,6-Tribromophenol
 Concen: 123.68 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	31.9	0.0	0.0#

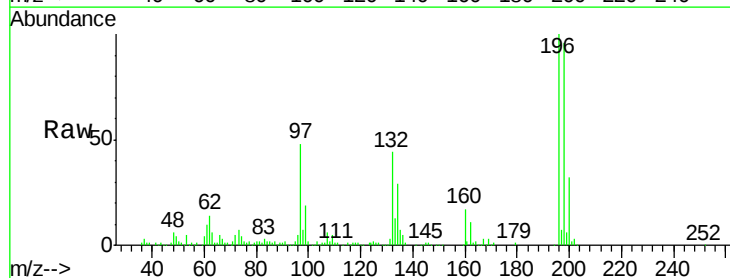


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

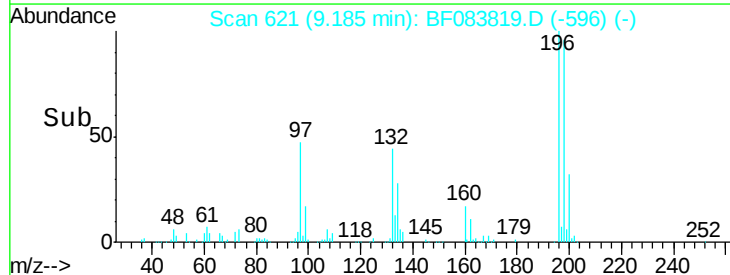
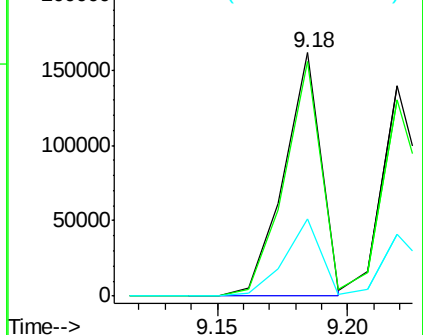


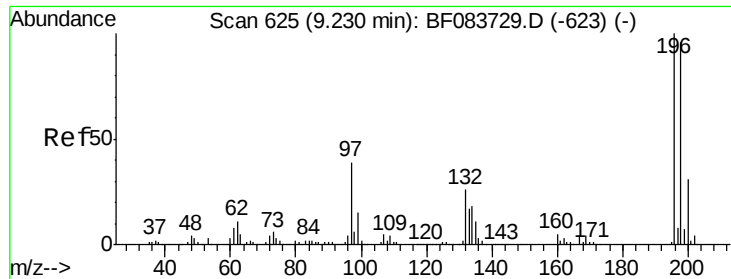
#42
 2,4,6-Trichlorophenol
 Concen: 44.29 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.2	112.8
200	31.8	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

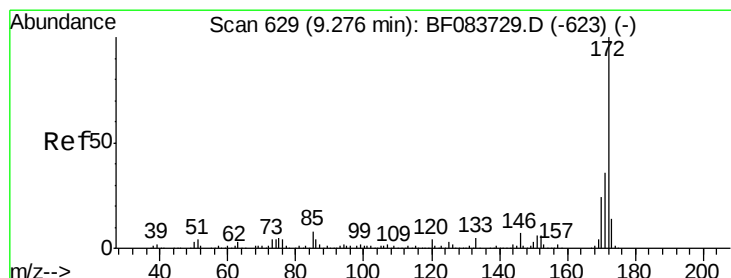
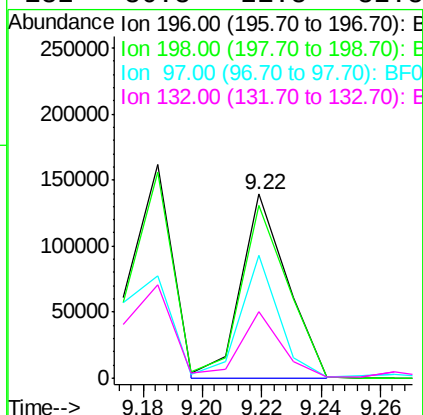
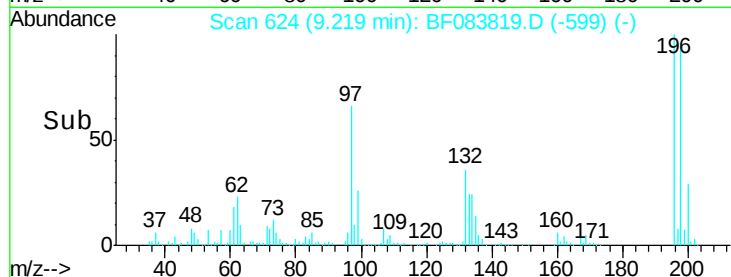
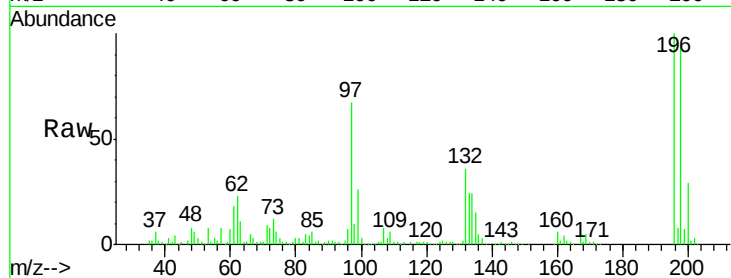




#43
 2,4,5-Trichlorophenol
 Concen: 43.91 ng/ml
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

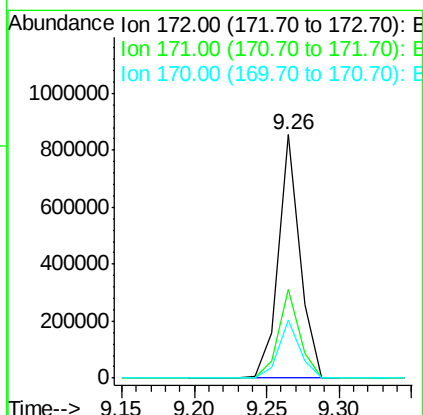
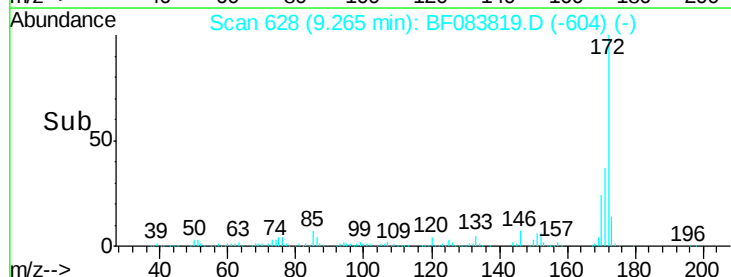
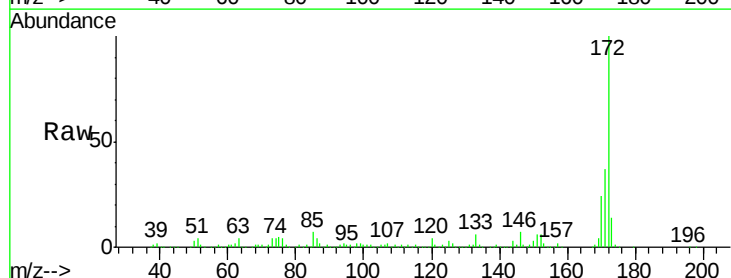
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MS

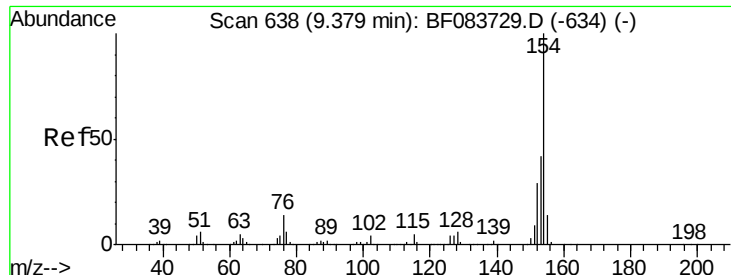
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	77.7	116.5
97	66.7	41.2	61.8
132	36.3	21.8	32.8



#44
 2-Fluorobiphenyl
 Concen: 74.63 ng/ml
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	23.9	19.4	29.0





#45

1,1'-Biphenyl

Concen: 43.30 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

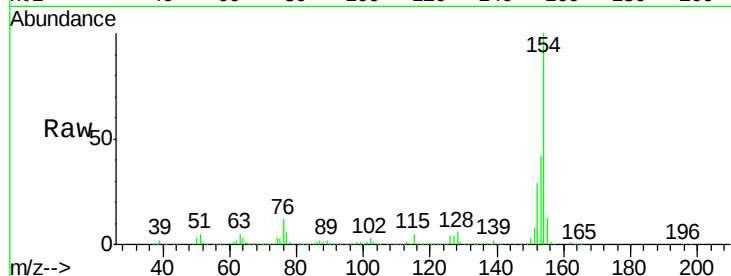
Tot Ion:154 Resp: 638217

Ion Ratio Lower Upper

154 100

153 41.5 20.2 60.2

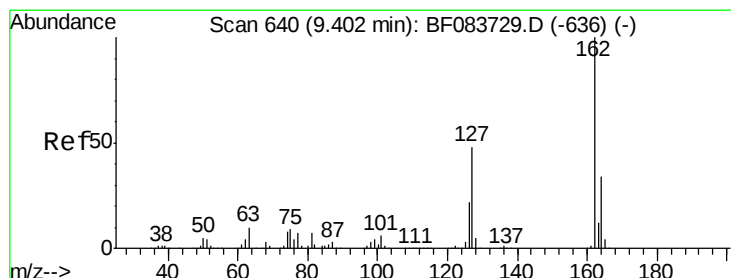
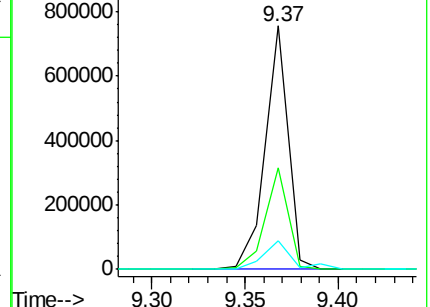
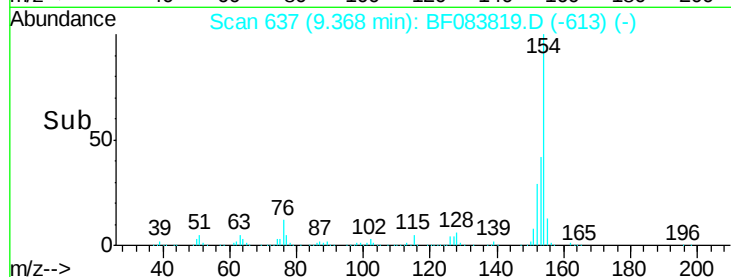
76 11.8 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.64 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

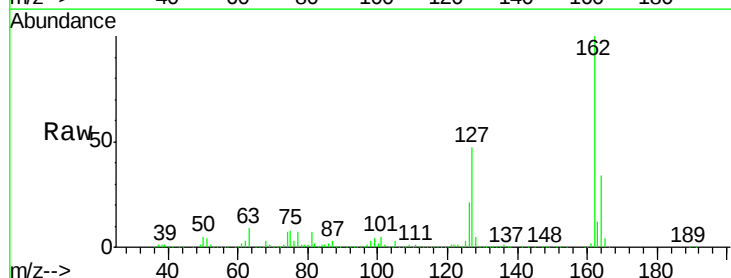
Tgt Ion:162 Resp: 453076

Ion Ratio Lower Upper

162 100

127 46.6 31.0 46.4#

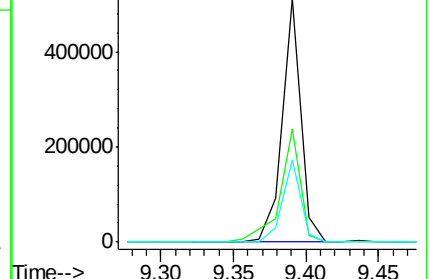
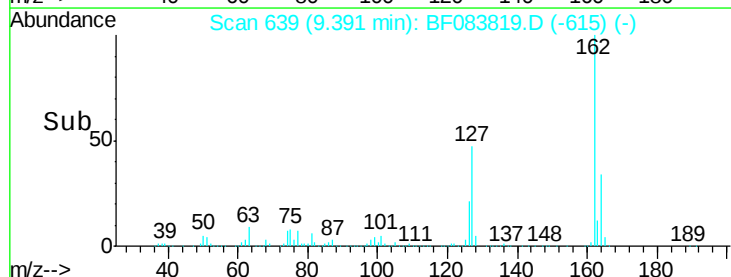
164 33.7 27.4 41.0

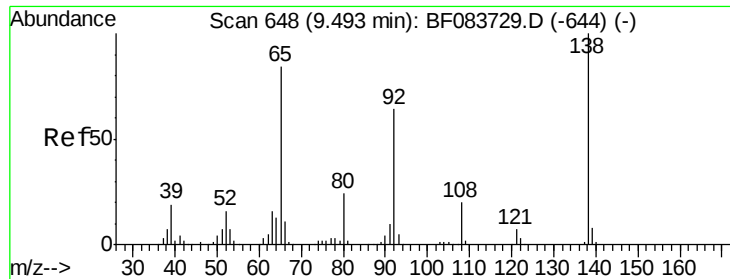


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

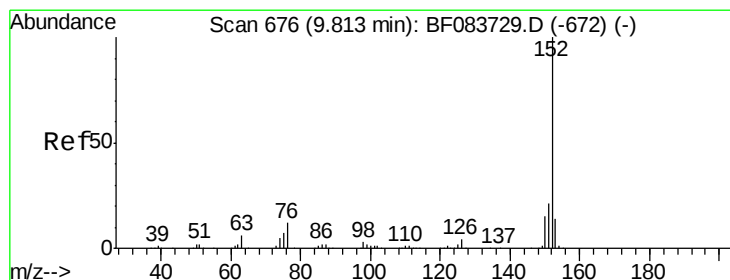
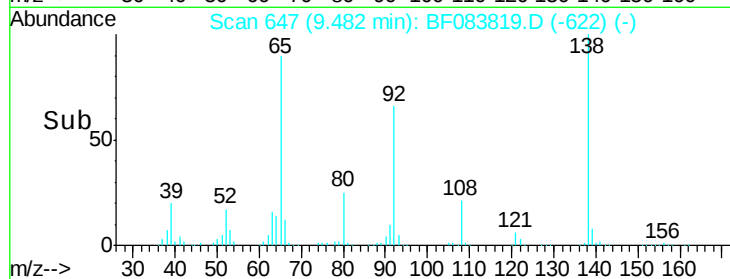
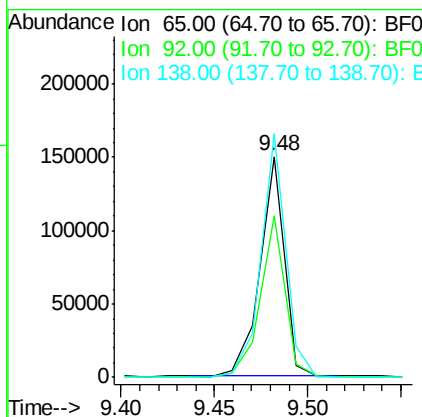
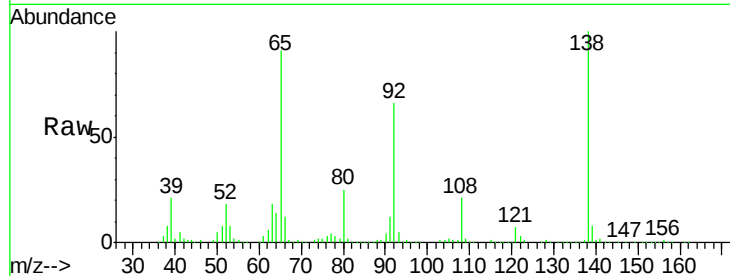




#47
 2-Nitroaniline
 Concen: 43.55 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

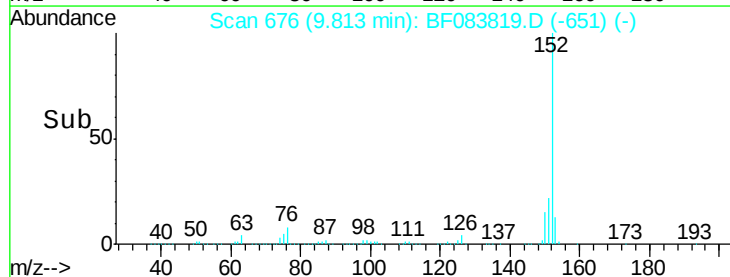
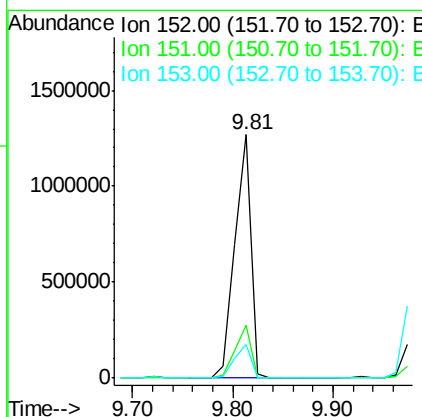
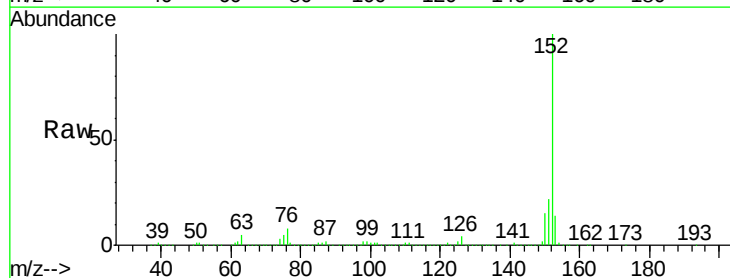
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MS

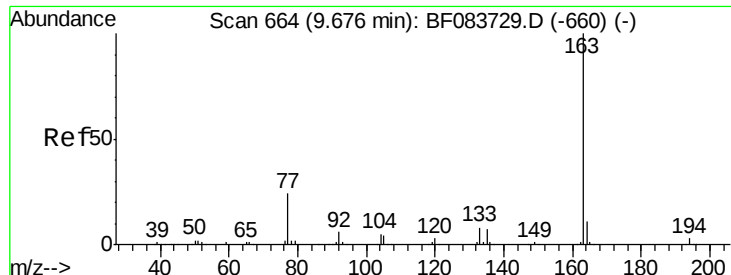
Tot Ion	Ratio	Lower	Upper
65	100		
92	73.1	49.6	74.4
138	110.1	64.1	96.1#



#48
 Acenaphthylene
 Concen: 77.28 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.3	24.5
153	13.6	10.8	16.2





#49

Dimethylphthalate

Concen: 60.11 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

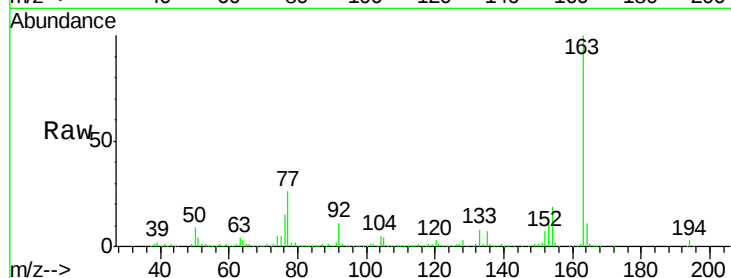
Tot Ion:163 Resp: 779464

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

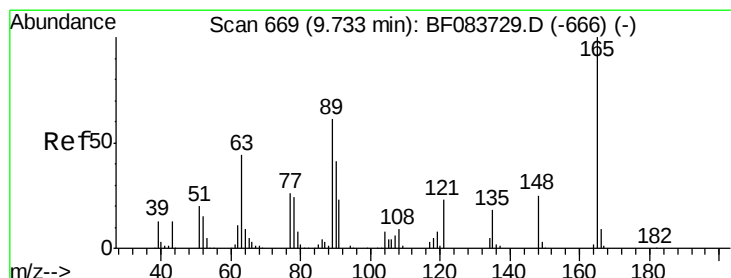
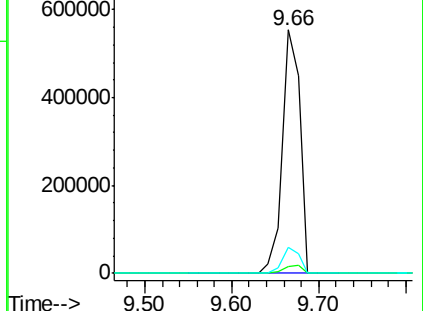
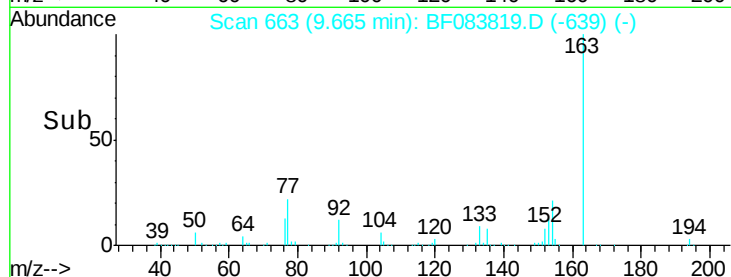
164 10.7 8.6 13.0



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: 41.50 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

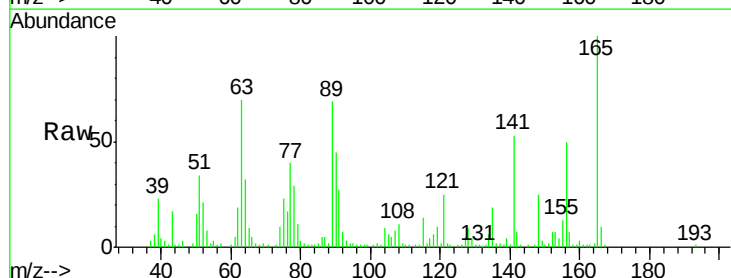
Tgt Ion:165 Resp: 114201

Ion Ratio Lower Upper

165 100

63 69.7 56.9 85.3

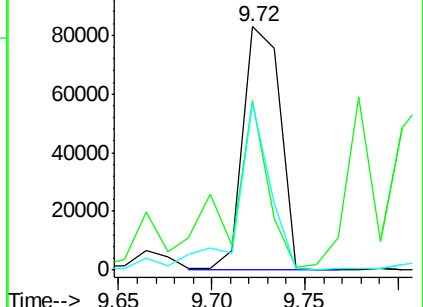
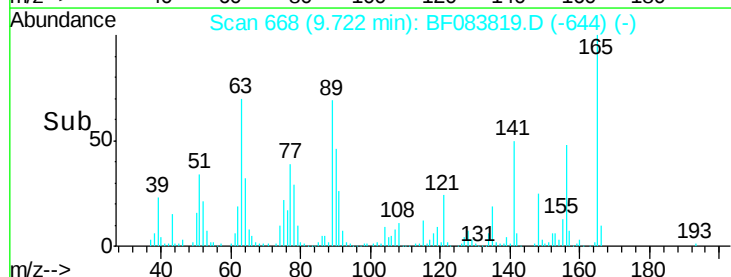
89 68.8 52.1 78.1

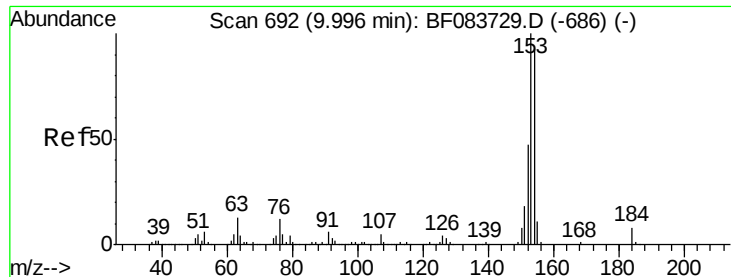


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.76 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

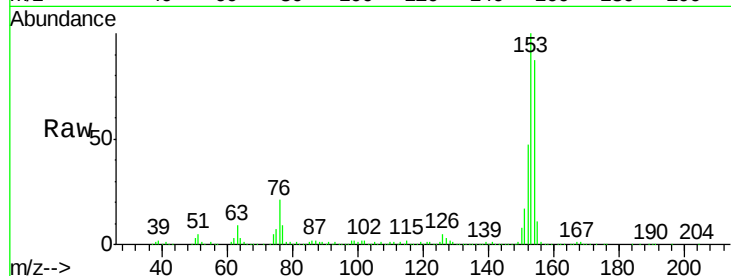
Tot Ion:154 Resp: 440028

Ion Ratio Lower Upper

154 100

153 115.3 91.4 137.0

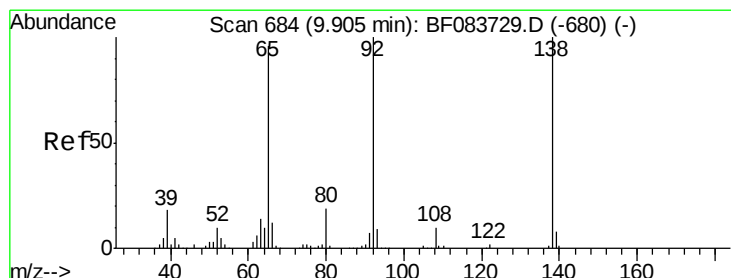
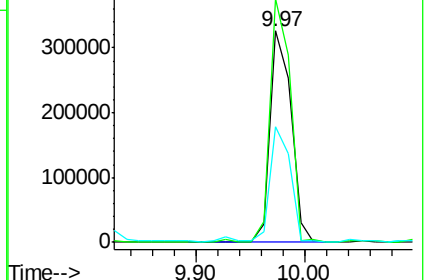
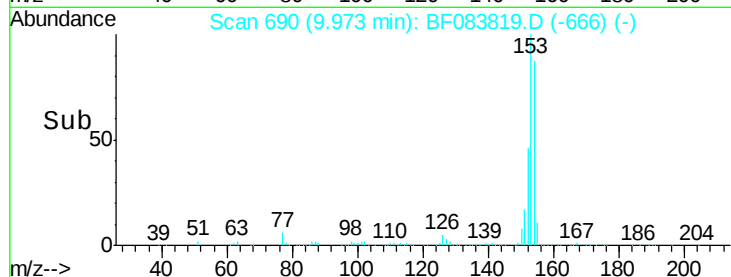
152 54.6 43.4 65.2



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: 21.30 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

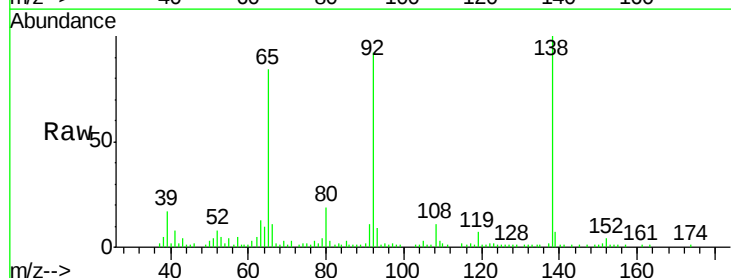
Tgt Ion:138 Resp: 67596

Ion Ratio Lower Upper

138 100

108 11.2 9.9 14.9

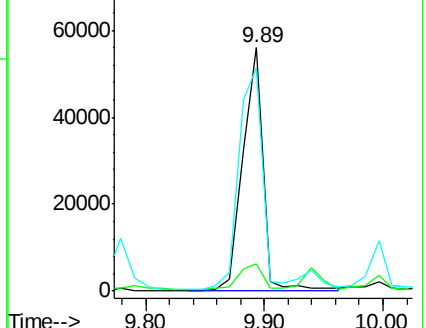
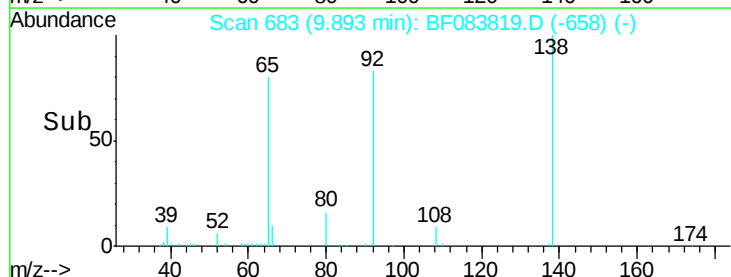
92 91.6 113.8 170.8#

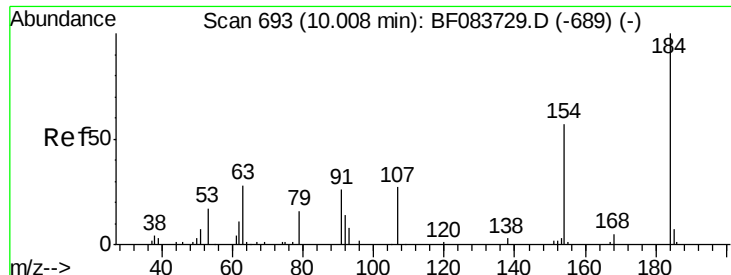


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

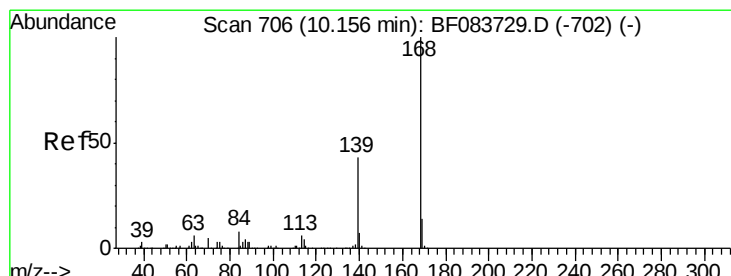
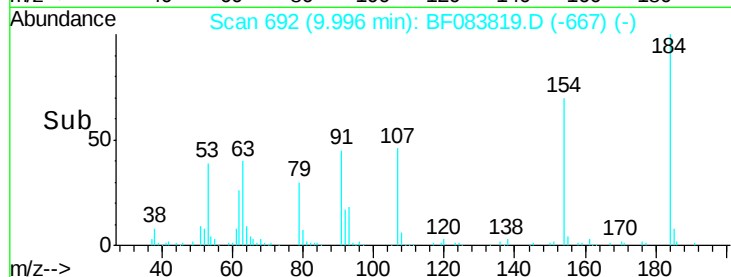
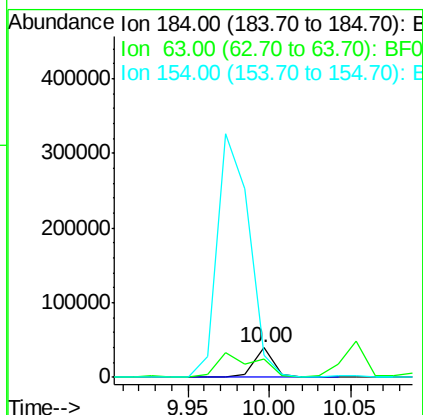
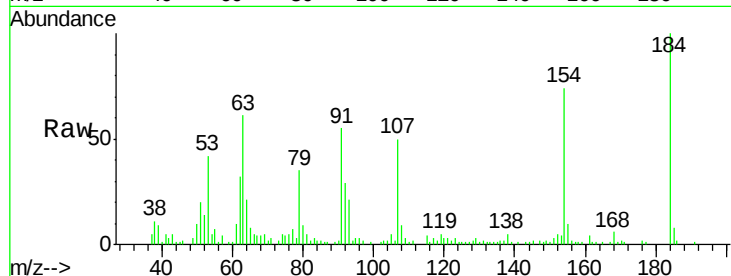




#53
 2,4-Dinitrophenol
 Concen: 33.33 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

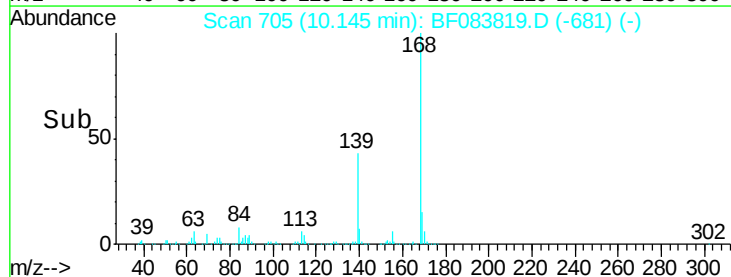
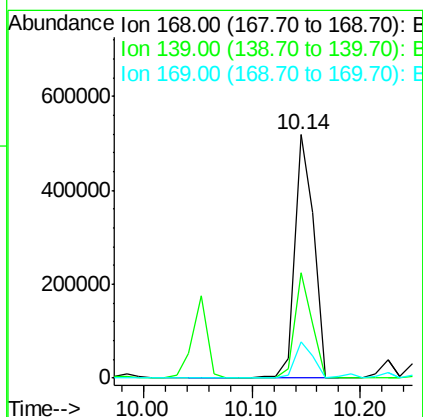
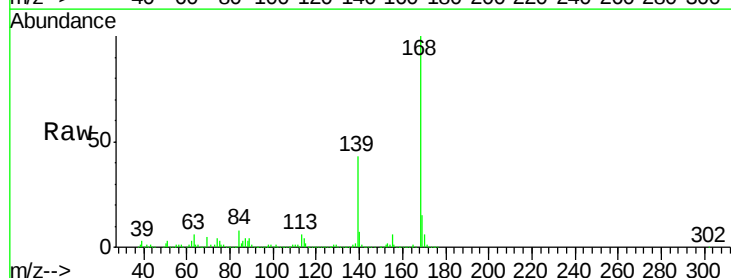
Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2MS

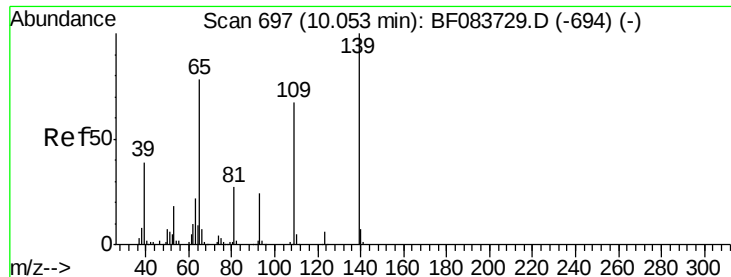
Tot Ion:184 Resp: 34028
 Ion Ratio Lower Upper
 184 100
 63 61.0 62.4 93.6#
 154 73.9 46.6 69.8#



#54
 Dibenzofuran
 Concen: 43.33 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF083819.D
 Acq: 15 Dec 2015 15:35

Tgt Ion:168 Resp: 635456
 Ion Ratio Lower Upper
 168 100
 139 43.3 28.0 42.0#
 169 14.8 10.8 16.2





#55

4-Nitrophenol

Concen: 71.84 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

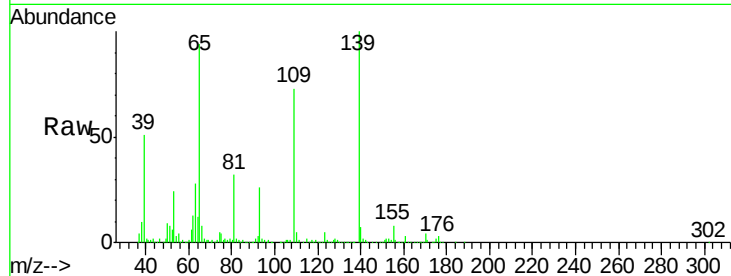
Tot Ion:139 Resp: 168784

Ion Ratio Lower Upper

139 100

109 72.6 42.0 82.0

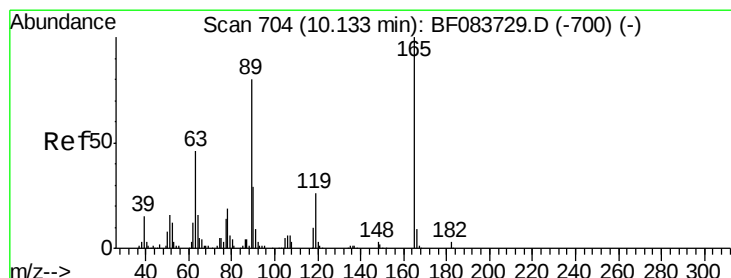
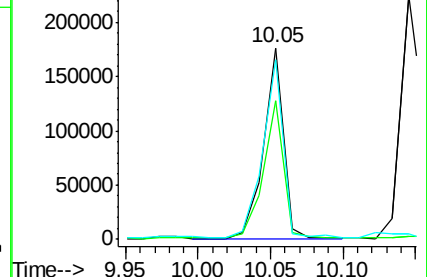
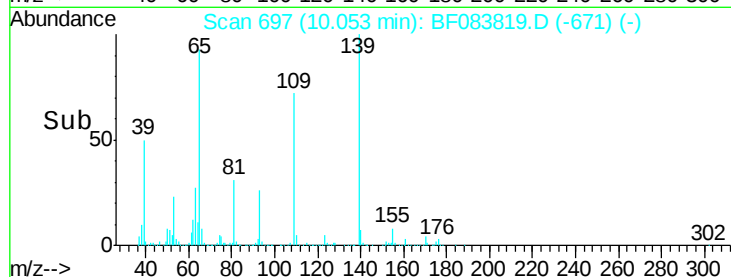
65 93.8 89.2 129.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.82 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Tgt Ion:165 Resp: 161145

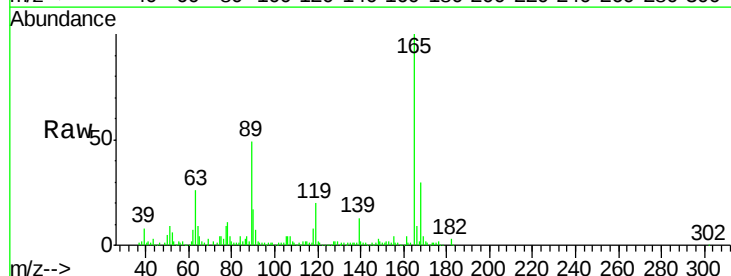
Ion Ratio Lower Upper

165 100

63 26.2 51.4 77.2#

89 48.8 72.6 108.8#

182 2.6 1.4 2.0#

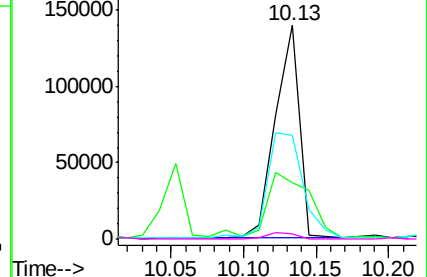
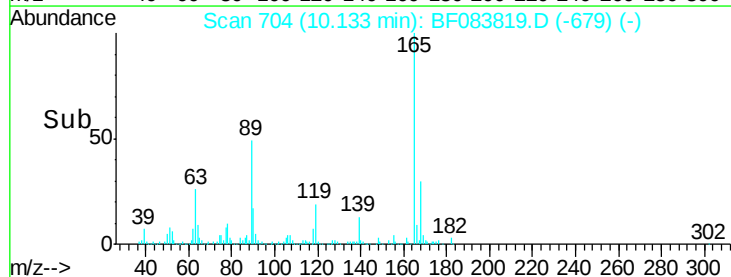


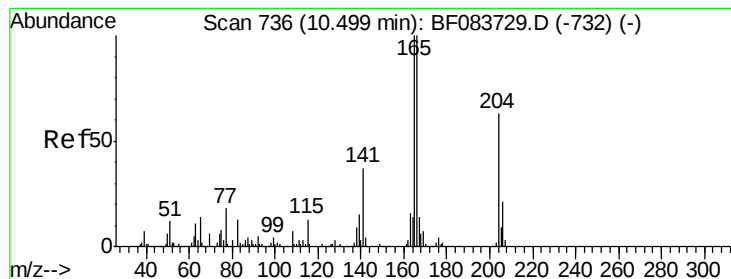
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.71 ng/mL

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleID :

K206-0-2MS

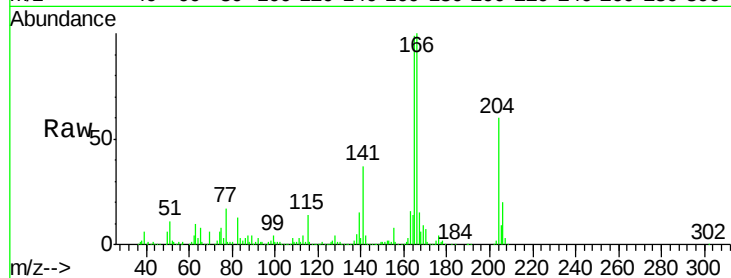
Tot Ion:166 Resp: 458547

Ion Ratio Lower Upper

166 100

165 98.9 80.0 120.0

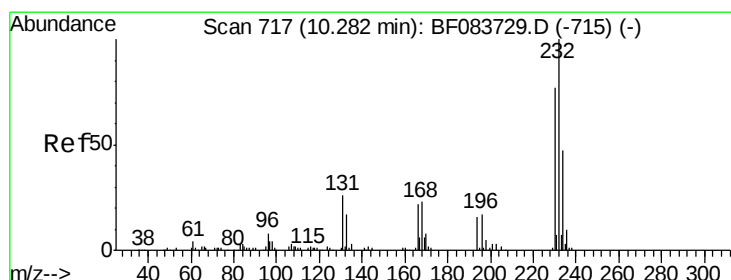
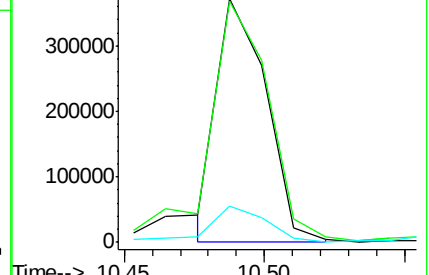
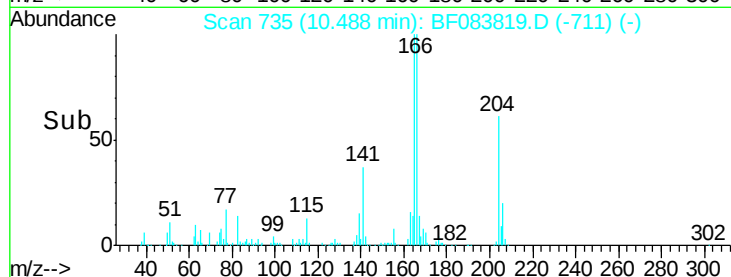
167 14.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.38 ng/mL

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Tgt Ion:232 Resp: 118509

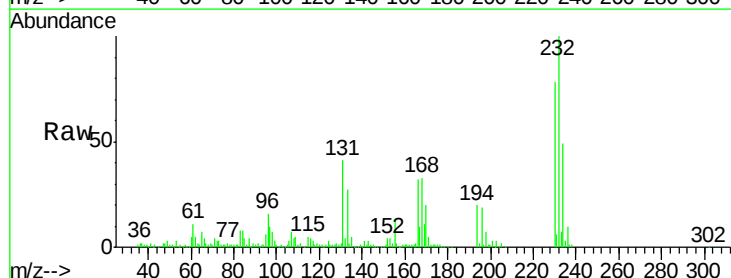
Ion Ratio Lower Upper

232 100

131 48.1 0.0 0.0#

130 3.2 0.0 0.0#

166 35.5 0.0 0.0#

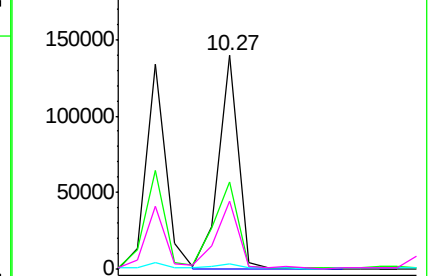
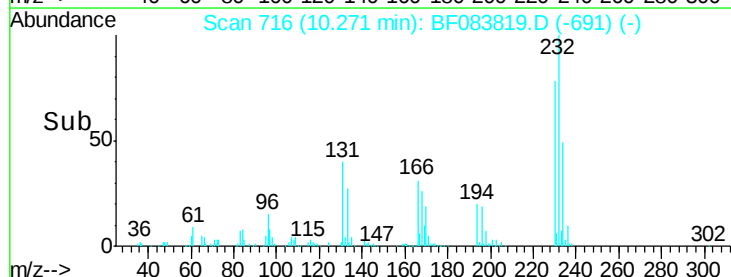


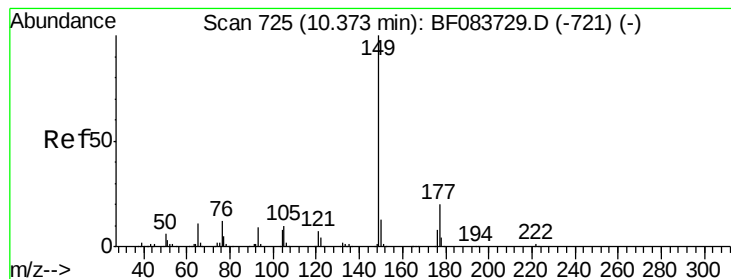
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.66 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

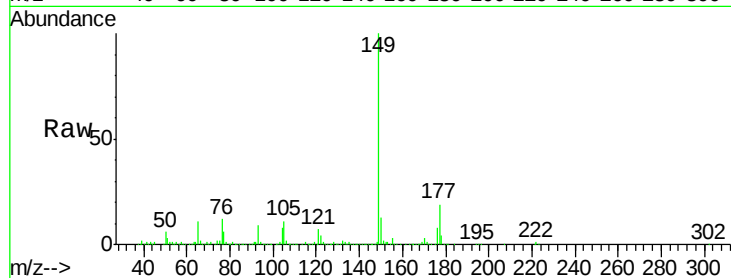
Tot Ion:149 Resp: 520694

Ion Ratio Lower Upper

149 100

177 19.1 16.9 25.3

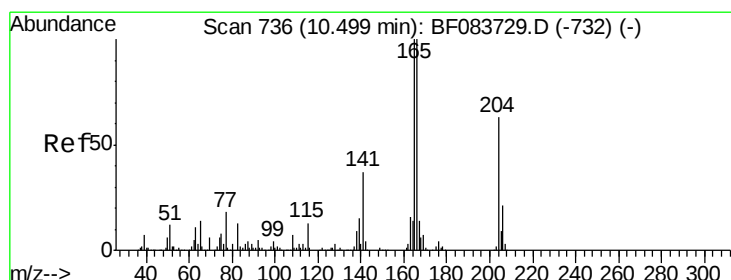
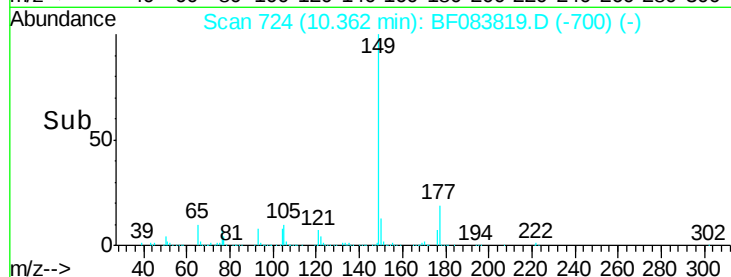
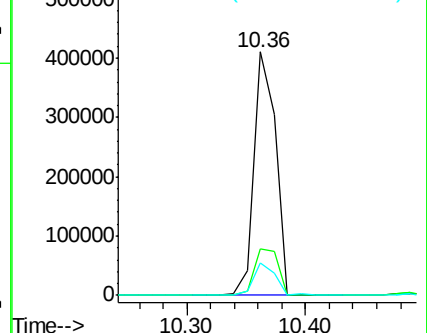
150 13.2 10.2 15.4



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: 40.57 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

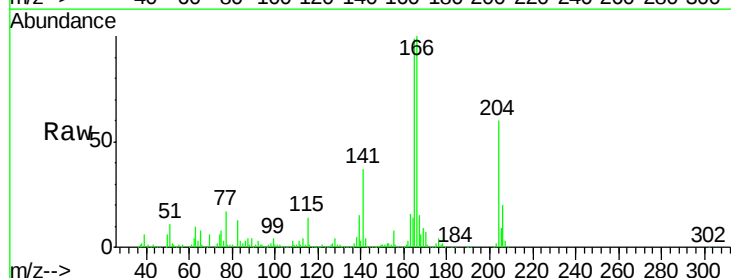
Tgt Ion:204 Resp: 213609

Ion Ratio Lower Upper

204 100

206 33.3 27.3 40.9

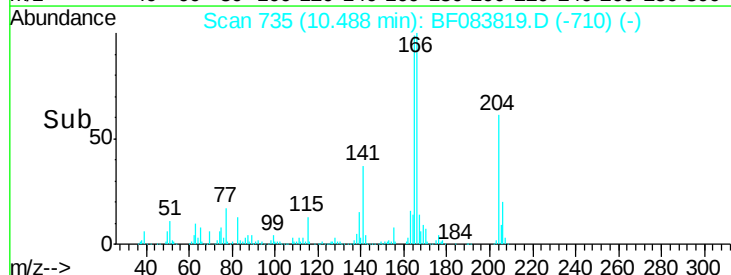
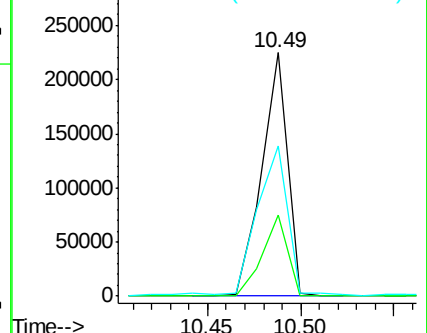
141 61.5 51.9 77.9

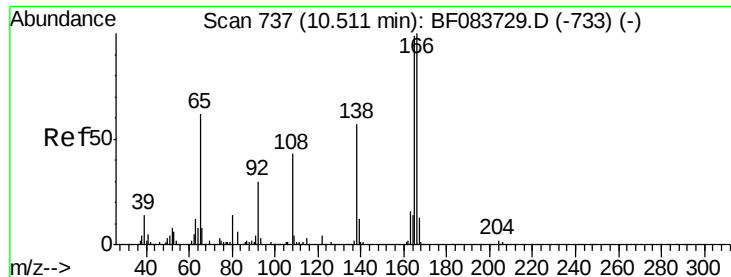


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.54 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

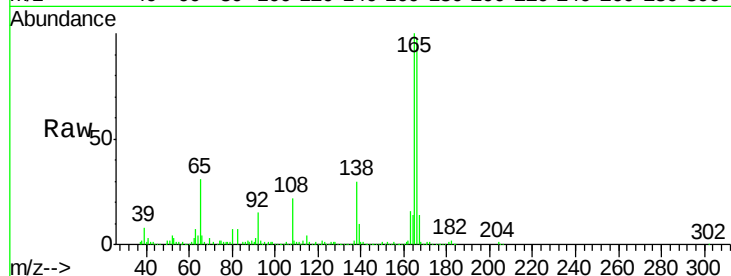
Tot Ion:138 Resp: 82603

Ion Ratio Lower Upper

138 100

92 49.3 29.0 69.0

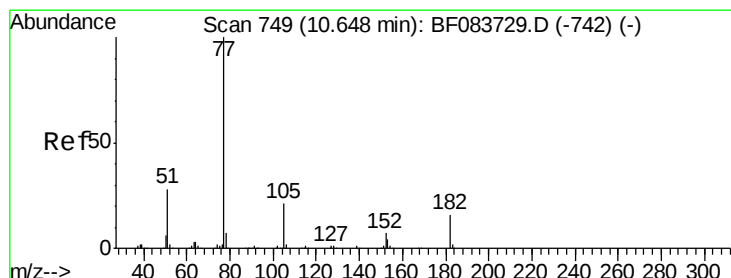
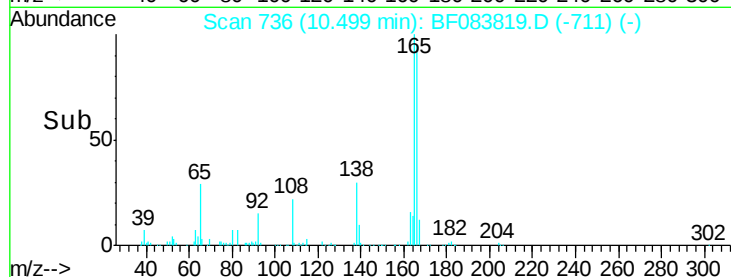
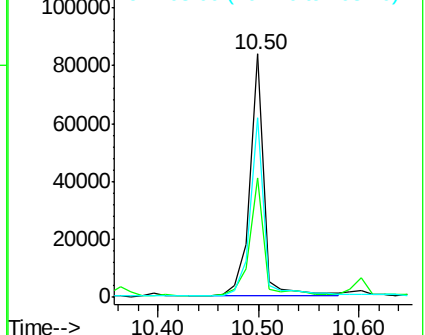
108 73.9 47.4 87.4



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: 38.31 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Tgt Ion: 77 Resp: 458476

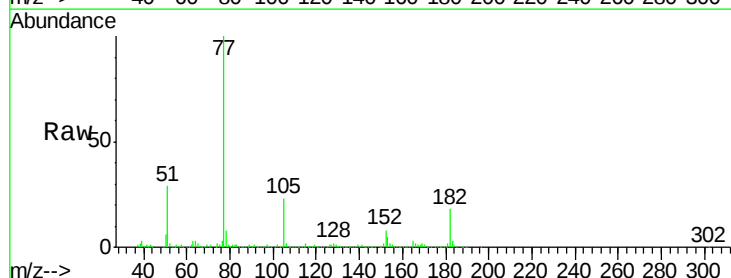
Ion Ratio Lower Upper

77 100

182 17.6 2.5 42.5

105 22.6 2.1 42.1

51 28.5 9.3 49.3

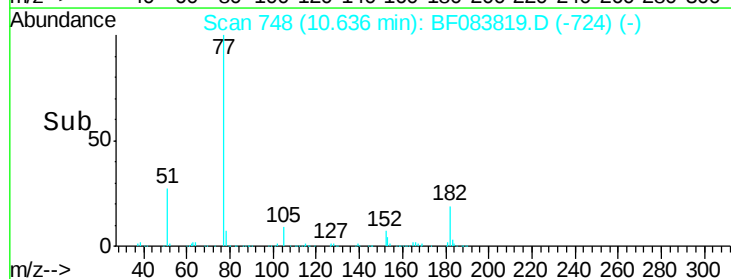
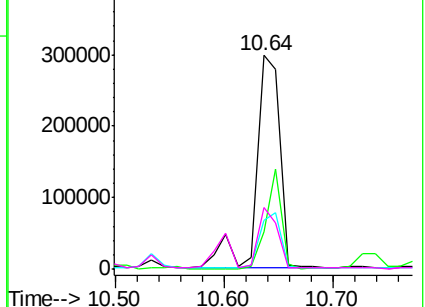


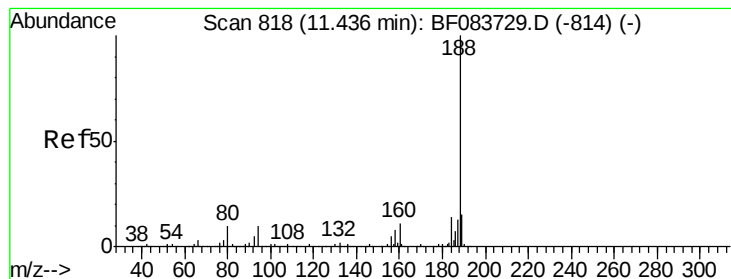
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.43 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

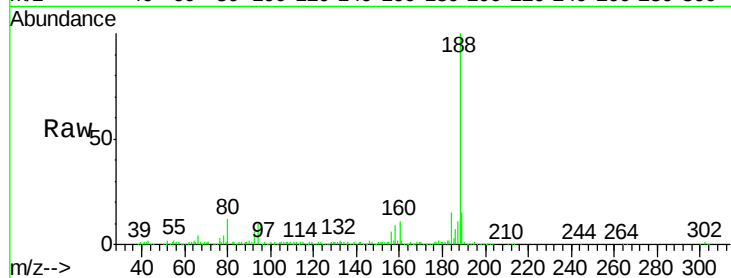
Tot Ion:188 Resp: 254321

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

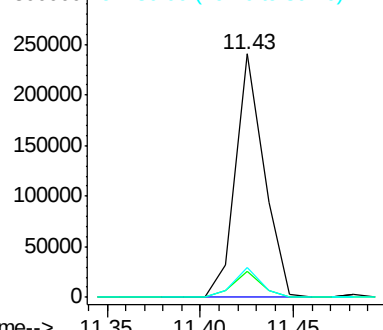
80 12.2 10.6 16.0



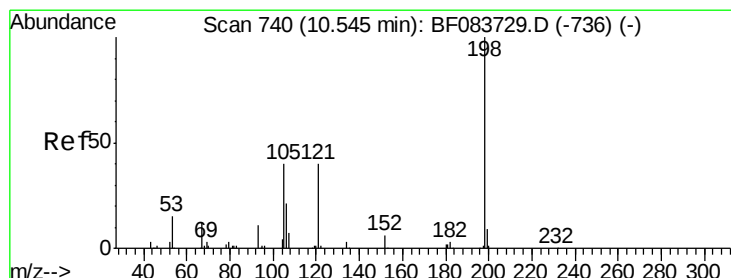
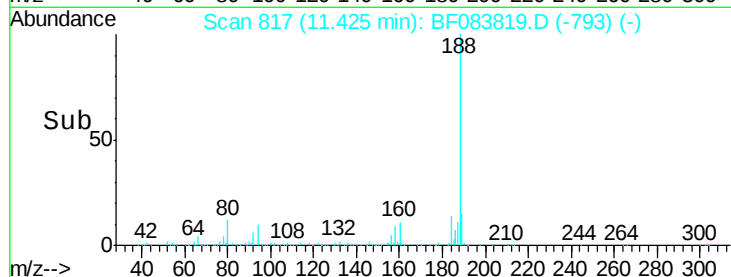
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.35 11.40 11.45



#64

4,6-Dinitro-2-methylphenol

Concen: 25.30 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

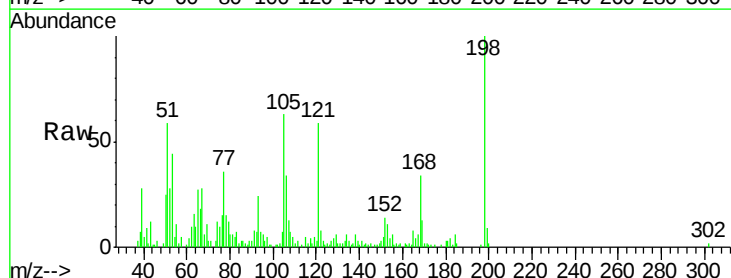
Tgt Ion:198 Resp: 36607

Ion Ratio Lower Upper

198 100

51 58.5 53.8 93.8

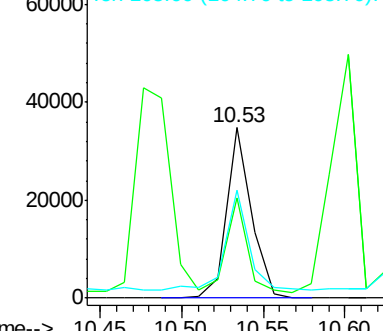
105 63.3 38.6 78.6



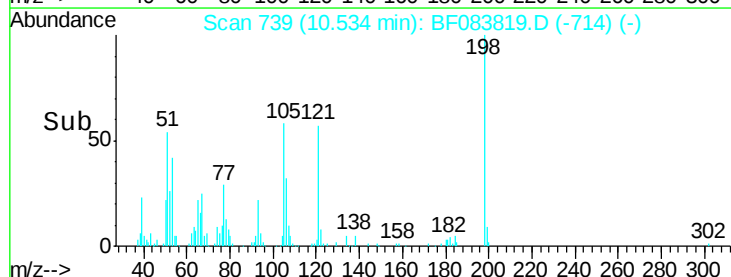
Abundance Ion 198.00 (197.70 to 198.70): E

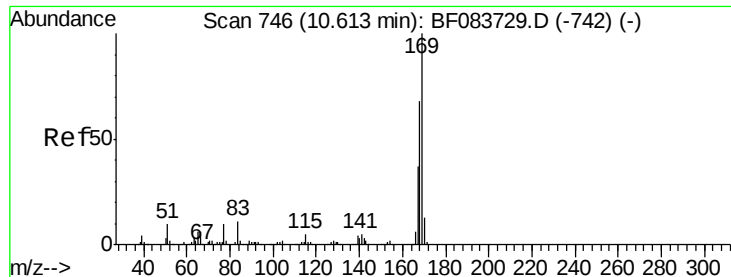
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time--> 10.45 10.50 10.55 10.60

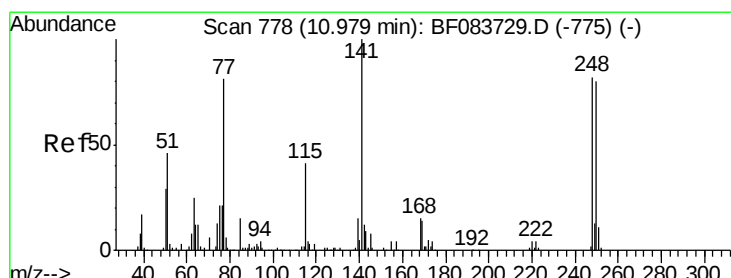
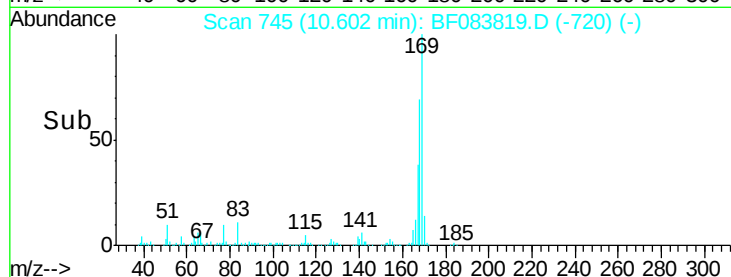
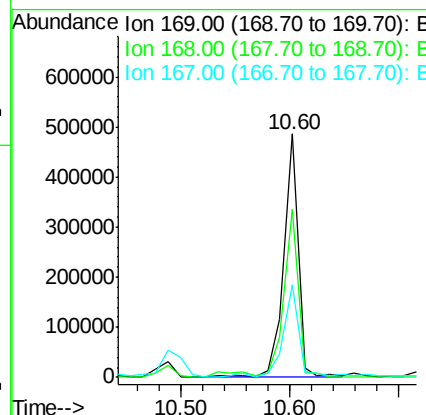
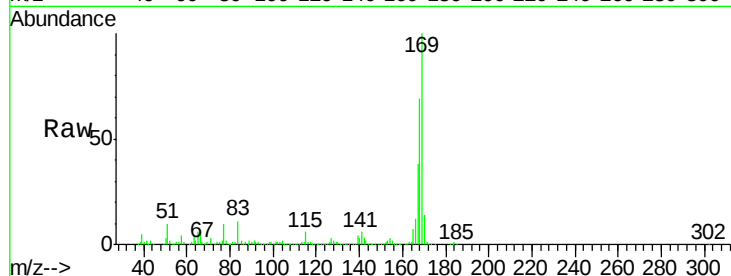




#65
n-Nitrosodiphenylamine
Concen: 51.75 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

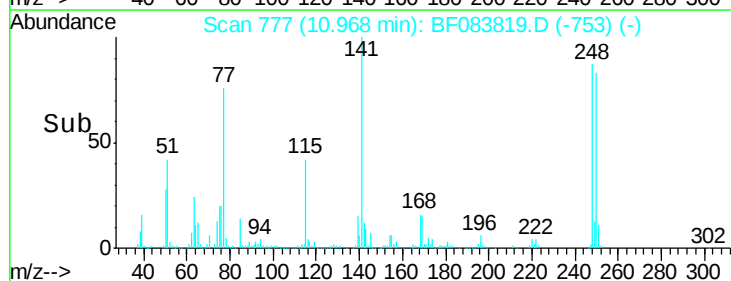
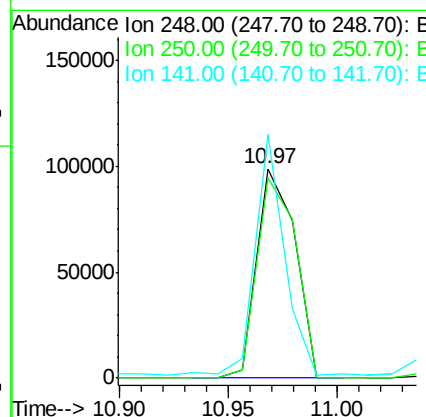
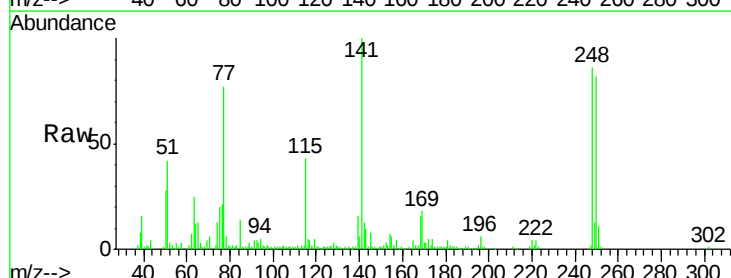
Instrument :
BNA_F
ClientSampleId :
K206-0-2MS

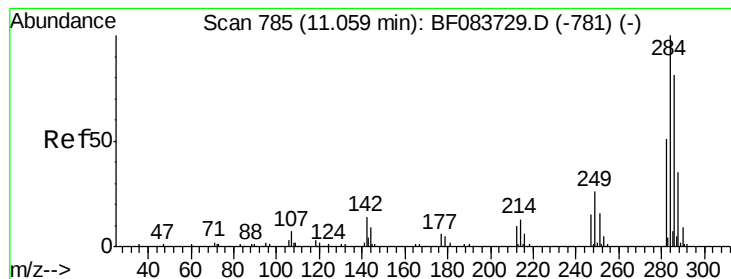
Tot Ion:169 Resp: 450083
Ion Ratio Lower Upper
169 100
168 68.9 53.0 79.6
167 38.2 29.3 43.9



#66
4-Bromophenyl-phenylether
Concen: 42.78 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:248 Resp: 121659
Ion Ratio Lower Upper
248 100
250 95.2 79.2 118.8
141 116.1 58.2 87.4#





#67

Hexachlorobenzene

Concen: 42.38 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

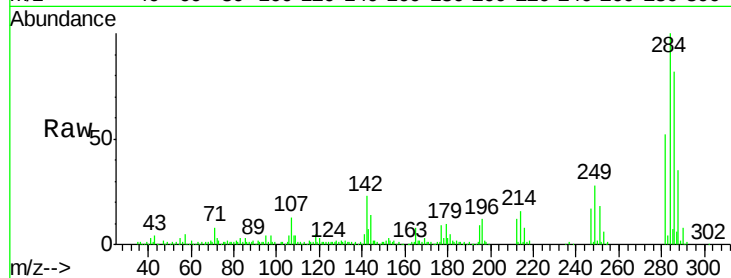
Tot Ion:284 Resp: 130399

Ion Ratio Lower Upper

284 100

142 22.9 31.0 46.4#

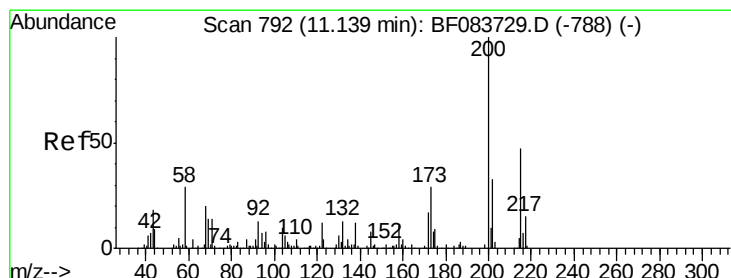
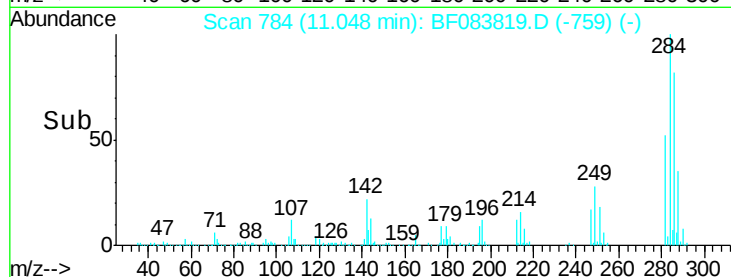
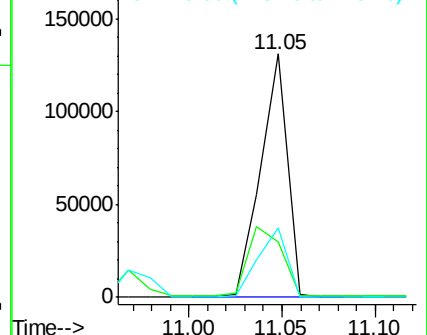
249 28.4 26.9 40.3



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: 45.56 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

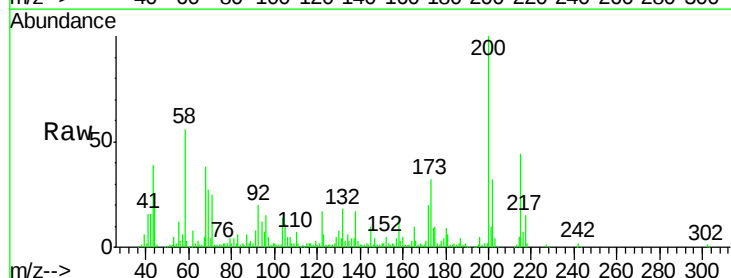
Tgt Ion:200 Resp: 112744

Ion Ratio Lower Upper

200 100

173 32.2 7.8 47.8

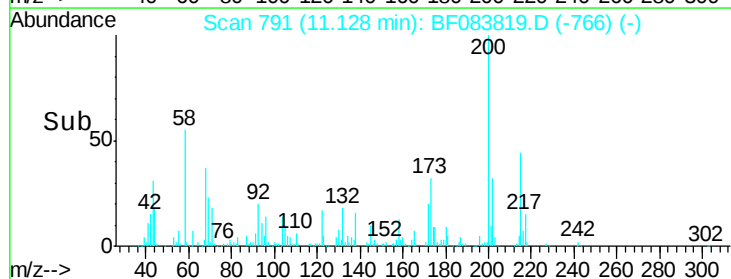
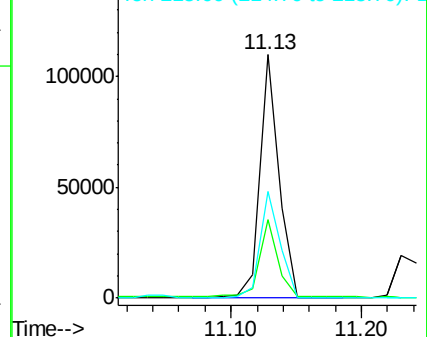
215 43.9 25.7 65.7

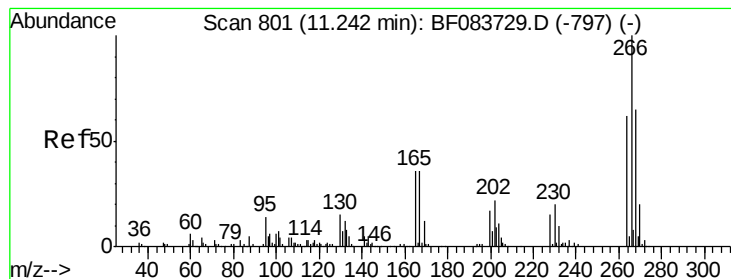


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 77.64 ng

RT: 11.24 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

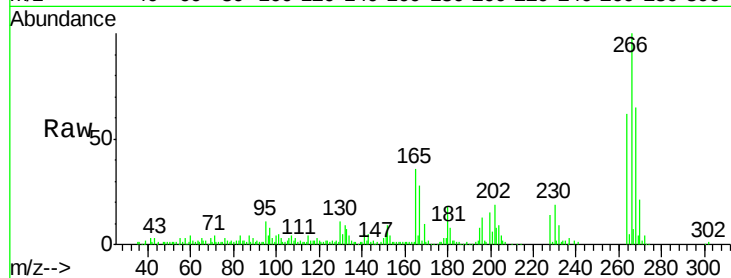
Tot Ion:266 Resp: 134744

Ion Ratio Lower Upper

266 100

268 64.9 50.2 75.2

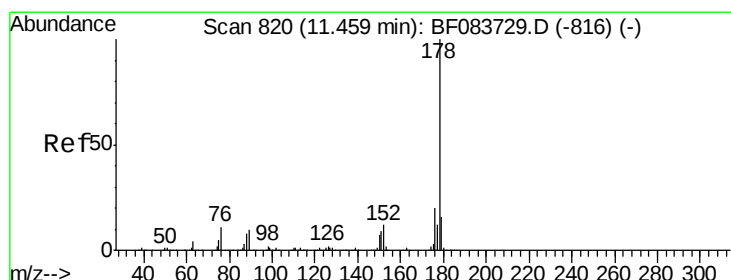
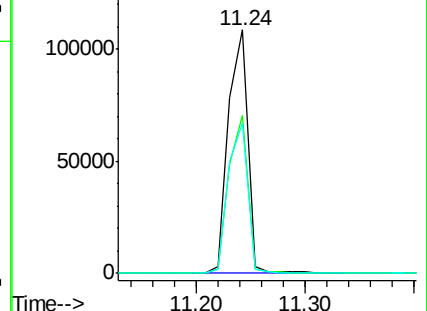
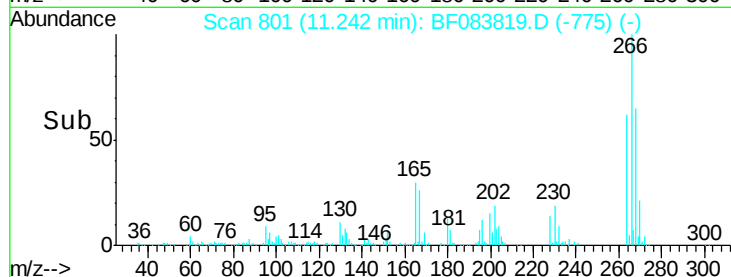
264 61.9 51.4 77.2



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: 120.70 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

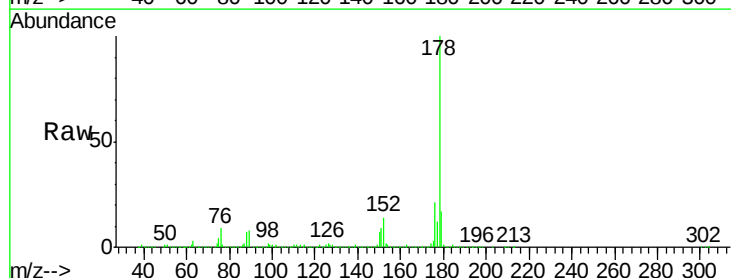
Tgt Ion:178 Resp: 1630732

Ion Ratio Lower Upper

178 100

176 20.8 15.7 23.5

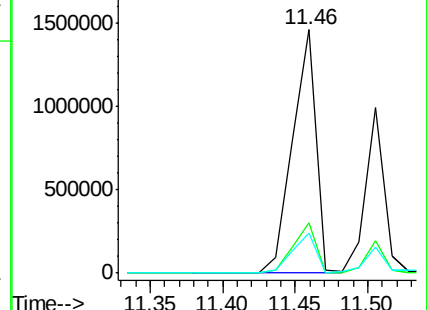
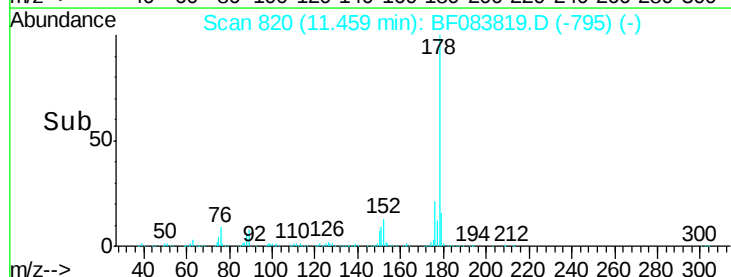
179 16.6 12.2 18.4

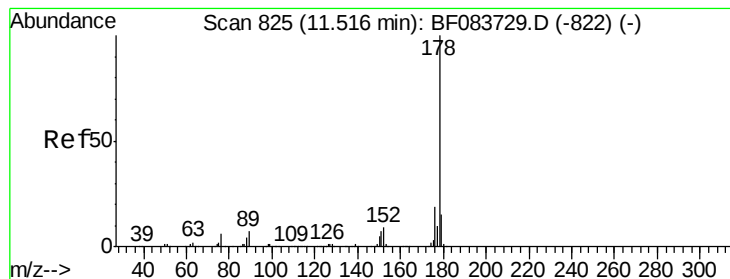


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 64.41 ng

RT: 11.51 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

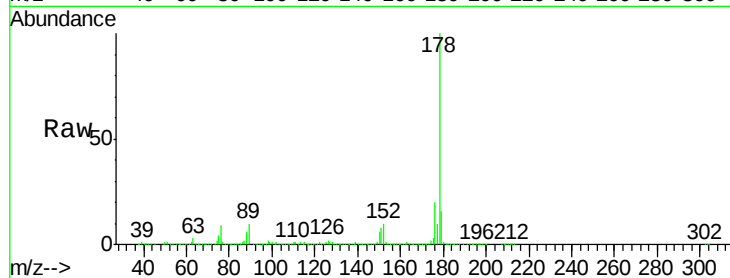
Tot Ion:178 Resp: 903819

Ion Ratio Lower Upper

178 100

176 19.6 15.2 22.8

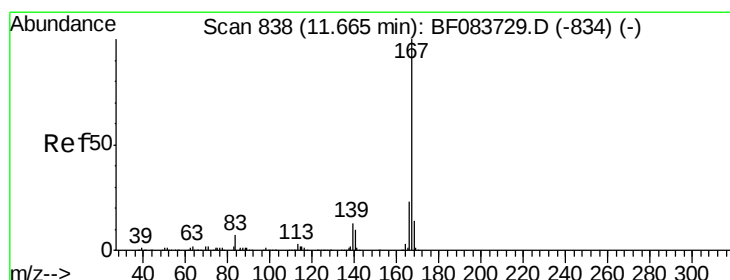
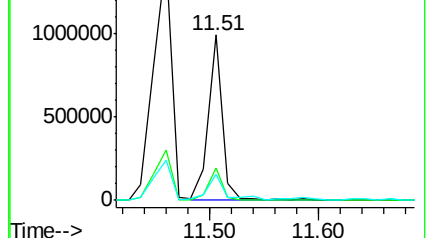
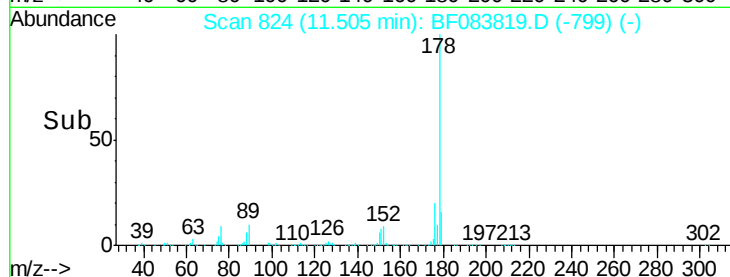
179 16.0 12.6 18.8



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: 42.11 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

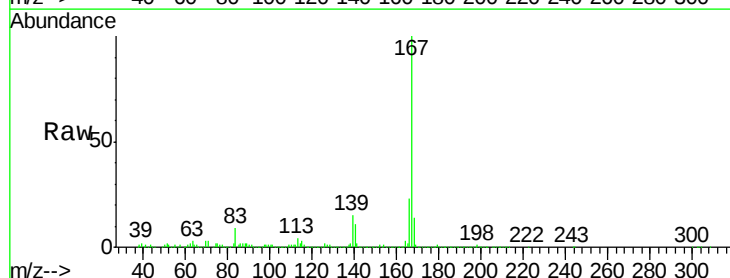
Tgt Ion:167 Resp: 550499

Ion Ratio Lower Upper

167 100

166 22.6 17.2 25.8

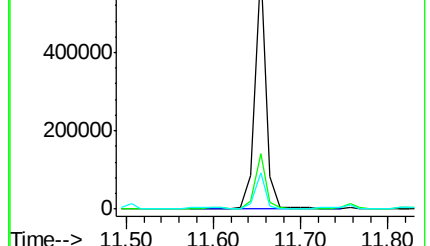
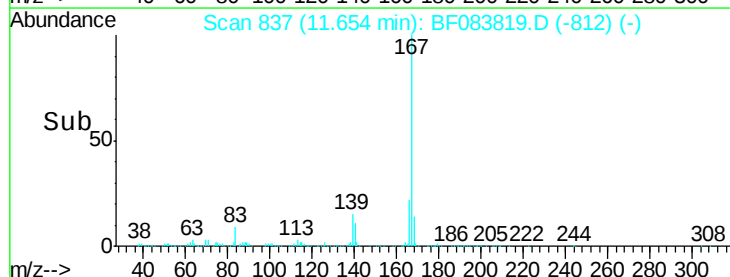
139 14.7 9.3 13.9#

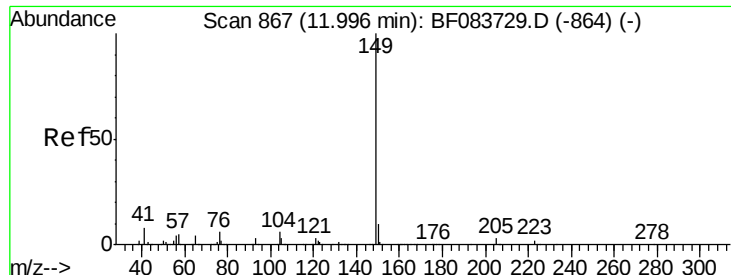


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.30 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

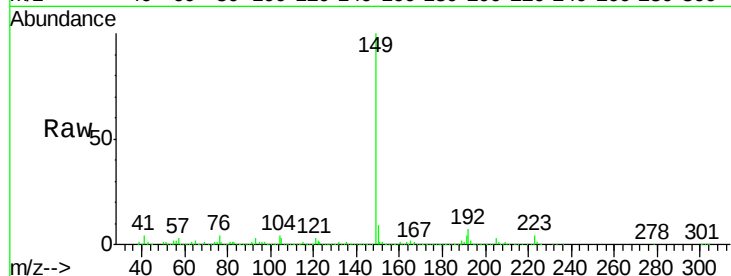
Tot Ion:149 Resp: 703302

Ion Ratio Lower Upper

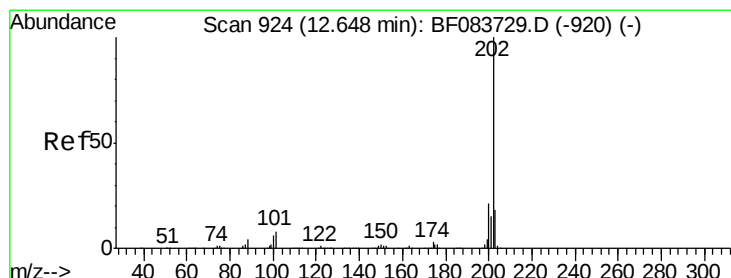
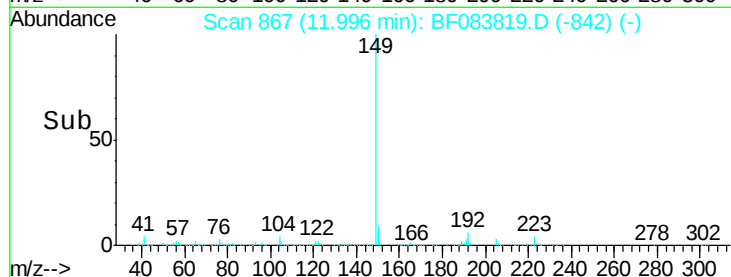
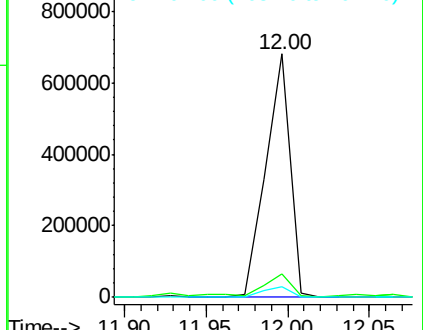
149 100

150 9.4 7.8 11.6

104 4.3 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: 173.96 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

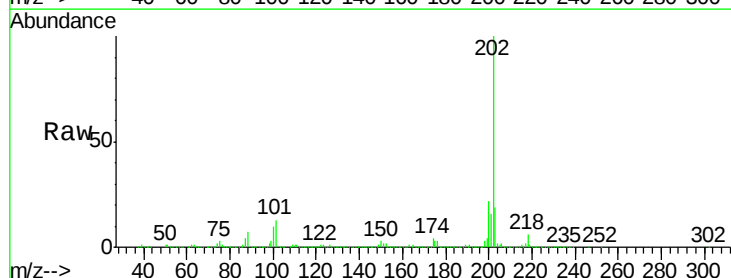
Tgt Ion:202 Resp: 2428478

Ion Ratio Lower Upper

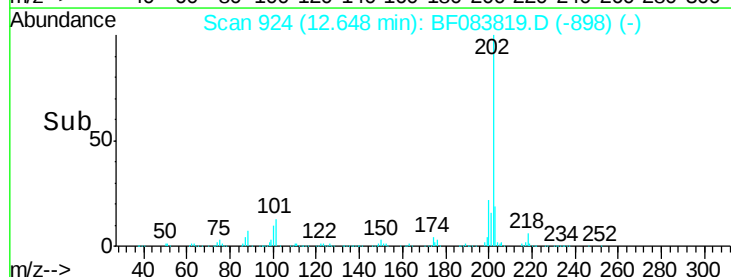
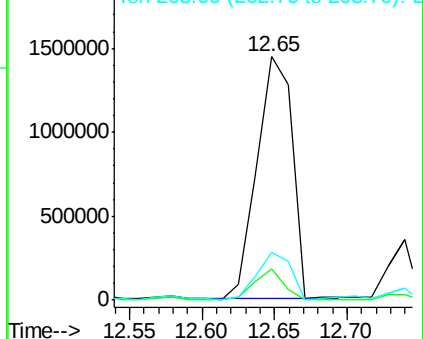
202 100

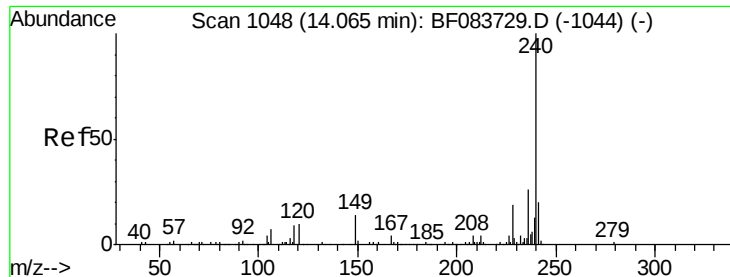
101 12.9 0.0 31.5

203 19.5 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: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

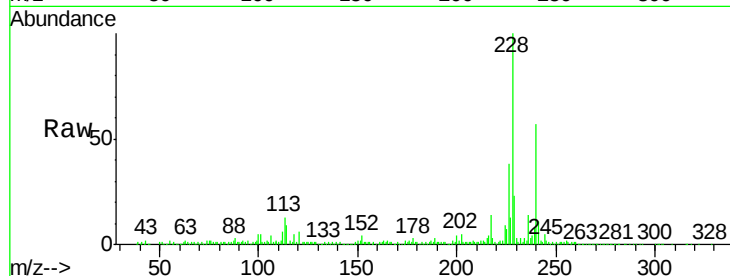
Tot Ion:240 Resp: 193000

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

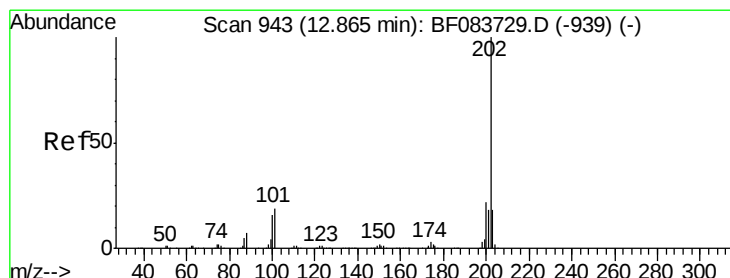
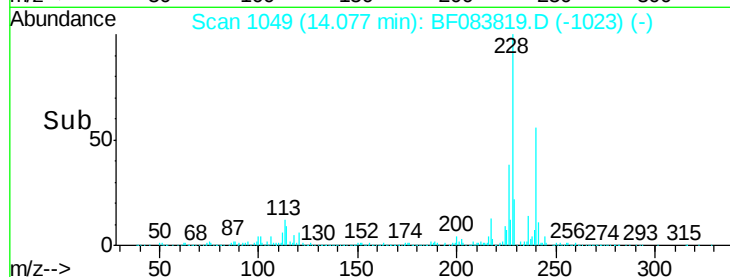
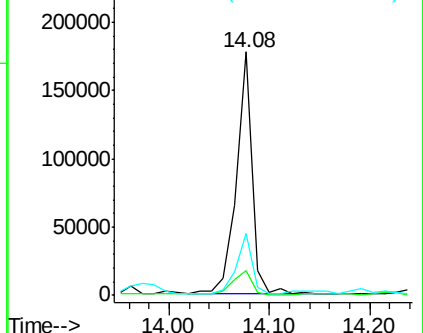
236 25.5 20.8 31.2



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: 189.62 ng

RT: 12.89 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

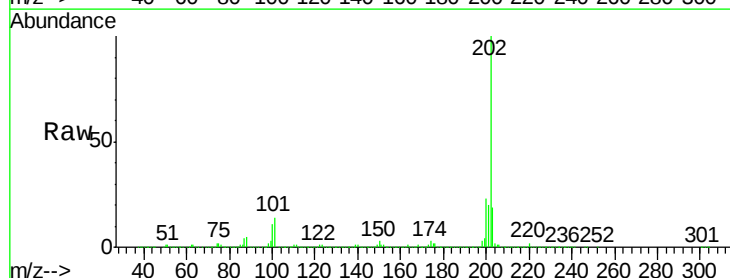
Tgt Ion:202 Resp: 2892539

Ion Ratio Lower Upper

202 100

200 23.4 16.7 25.1

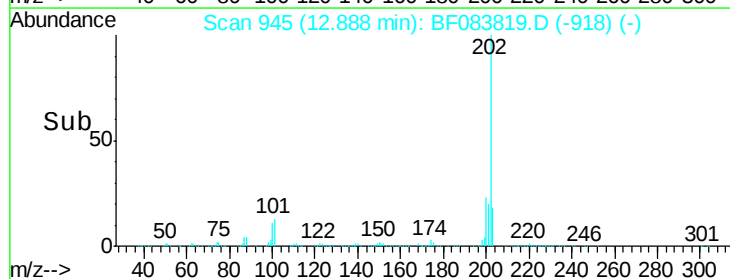
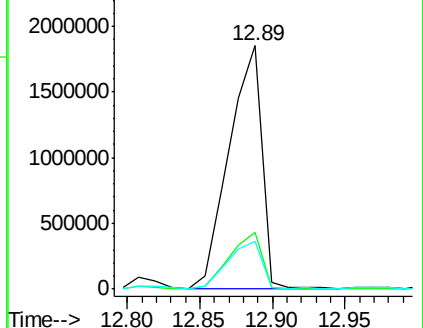
203 19.5 14.3 21.5

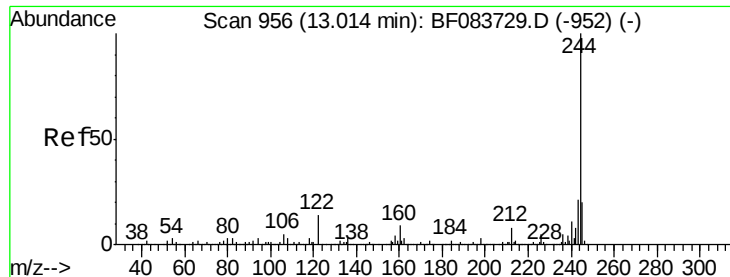


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.72 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

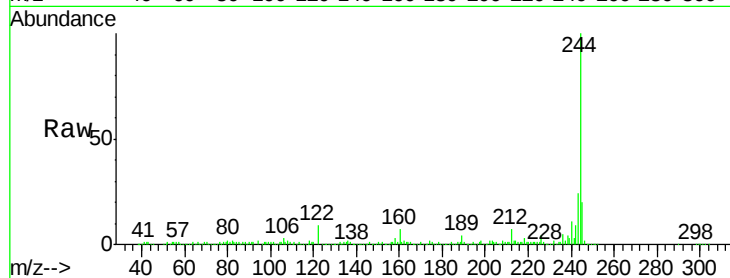
Tot Ion:244 Resp: 643492

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

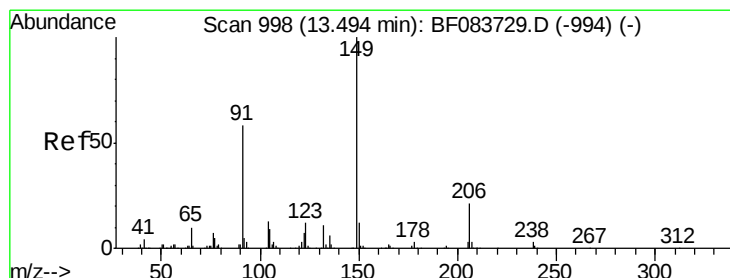
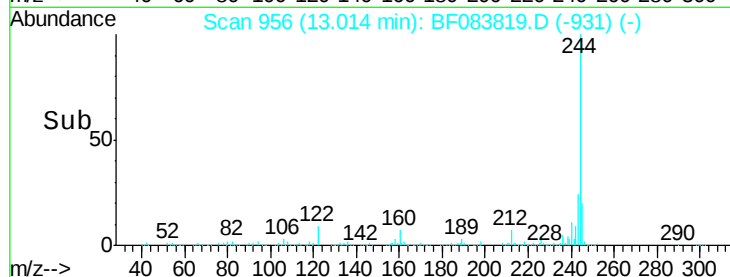
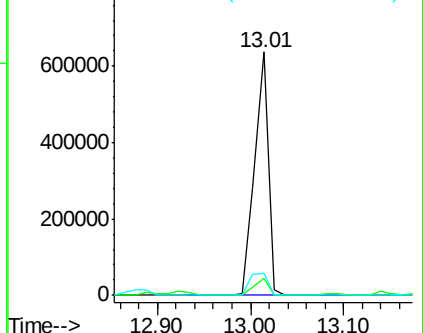
122 9.1 11.0 16.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.88 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

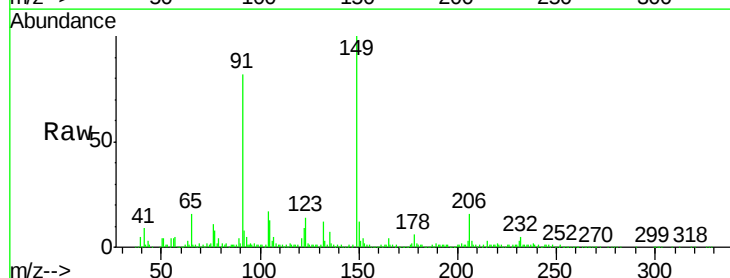
Tgt Ion:149 Resp: 254559

Ion Ratio Lower Upper

149 100

91 82.3 60.0 90.0

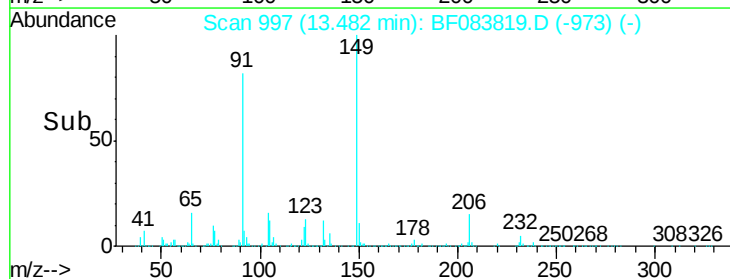
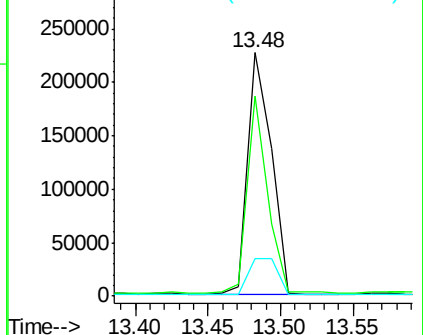
206 15.5 16.2 24.4#

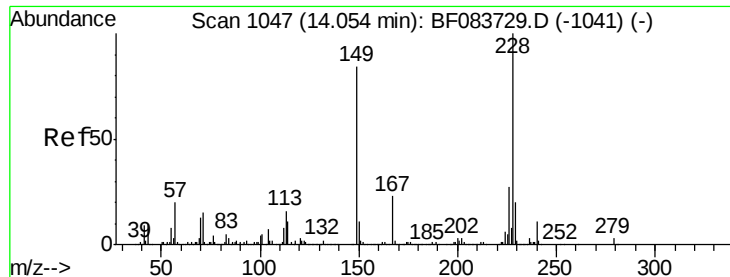


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 146.36 ng/mL

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

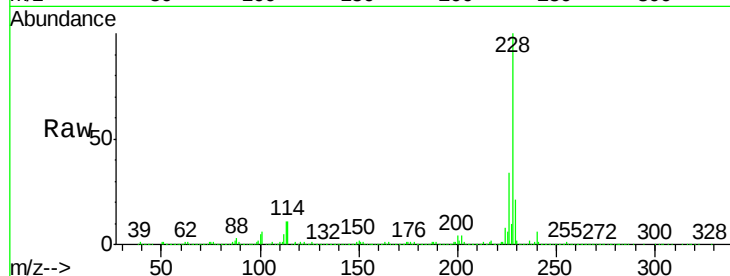
Tot Ion:228 Resp: 1606203

Ion Ratio Lower Upper

228 100

226 33.6 22.3 33.5#

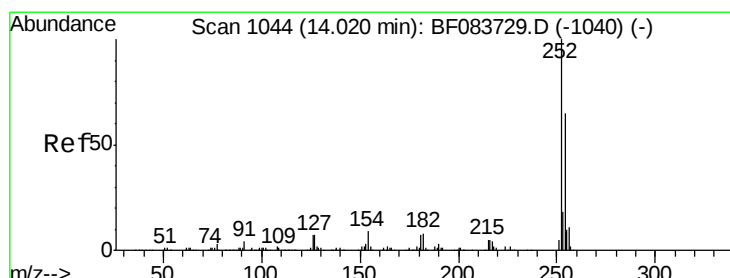
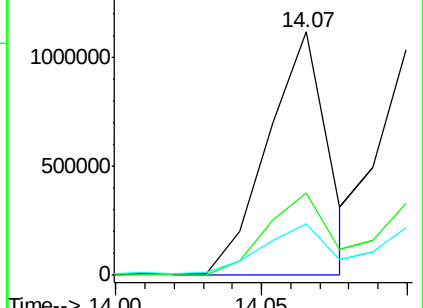
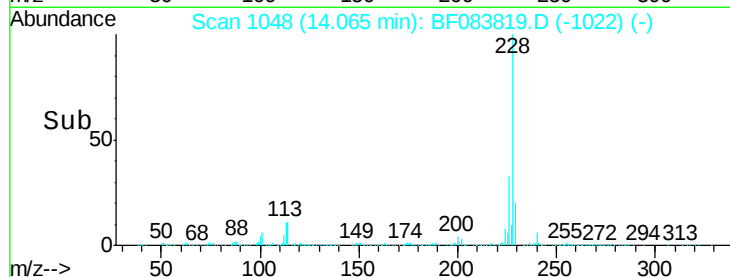
229 21.1 15.7 23.5



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: 5.81 ng/mL

RT: 14.03 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

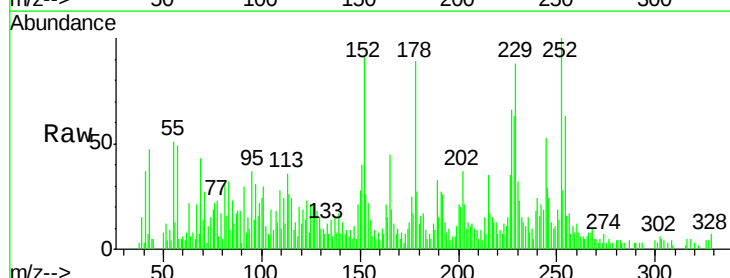
Tgt Ion:252 Resp: 22995

Ion Ratio Lower Upper

252 100

254 63.0 50.6 76.0

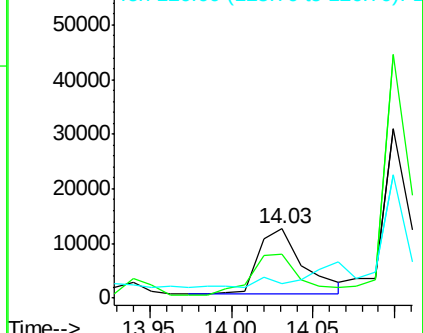
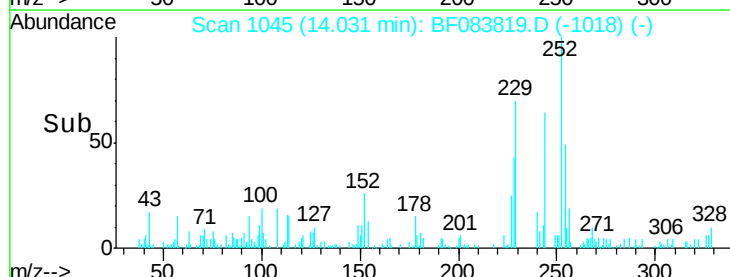
126 21.3 11.0 16.4#

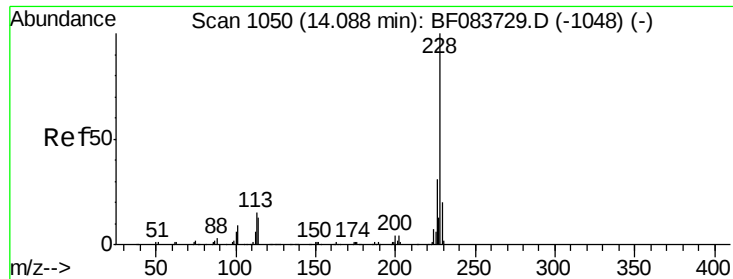


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 148.00 ng

RT: 14.10 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

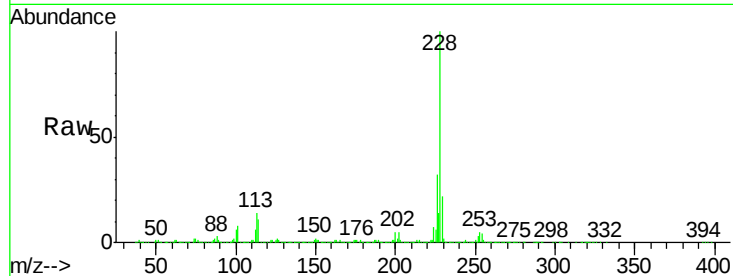
Tot Ion:228 Resp: 1584215

Ion Ratio Lower Upper

228 100

226 32.0 24.7 37.1

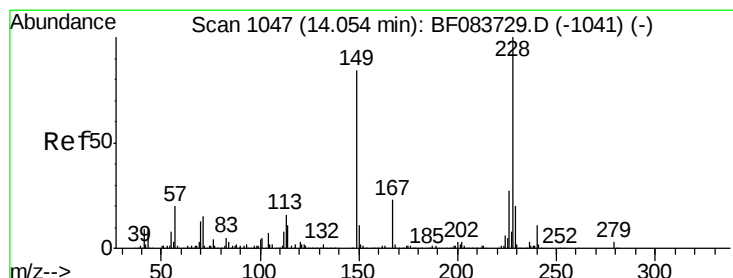
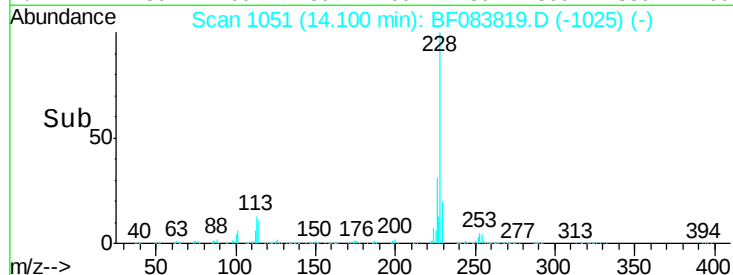
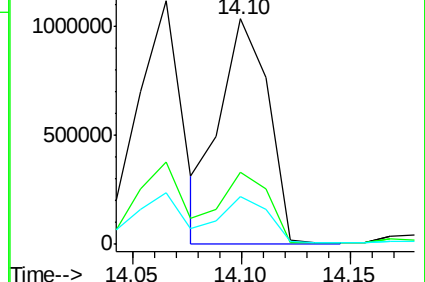
229 21.5 16.3 24.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.93 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

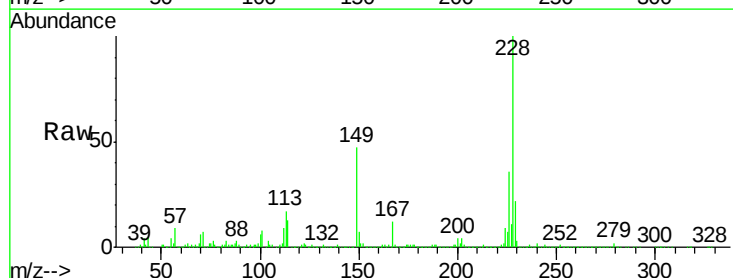
Tgt Ion:149 Resp: 319907

Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.8

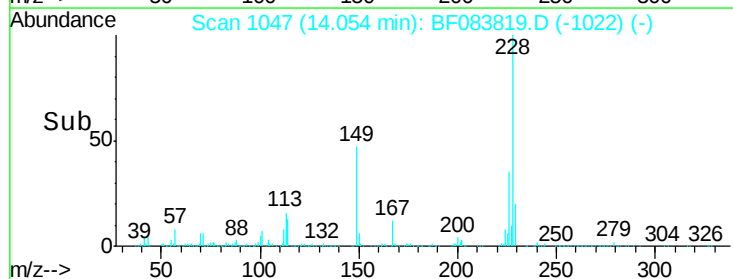
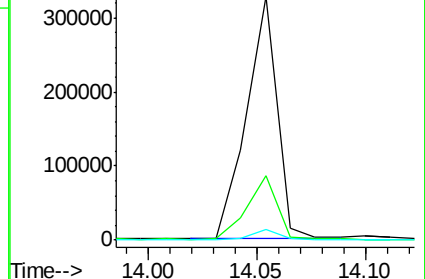
279 4.2 3.0 4.4

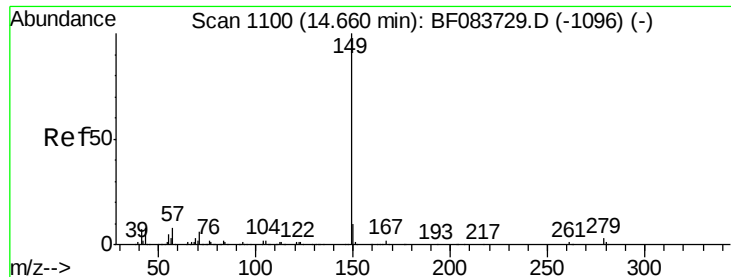


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

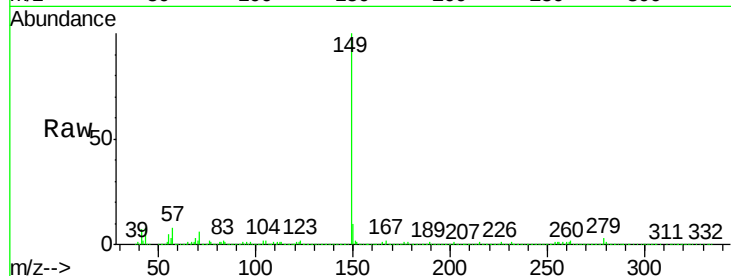




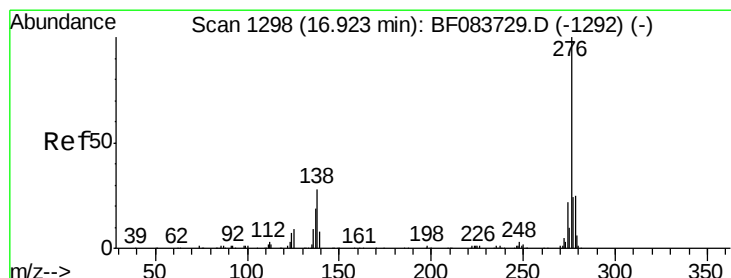
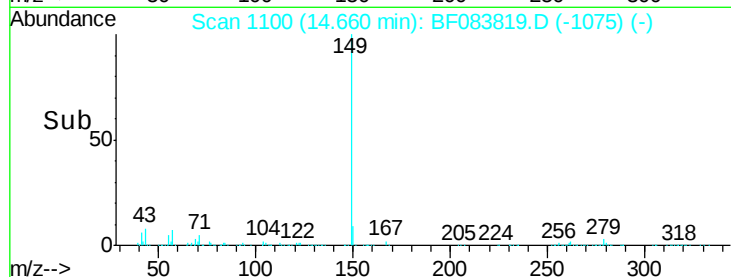
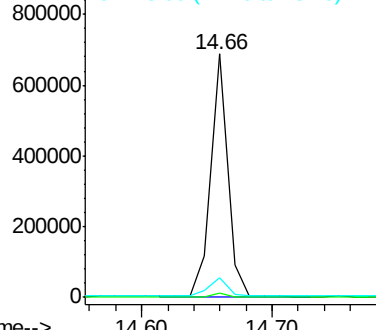
#84
Di-n-octyl phthalate
Concen: 51.95 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Instrument :
BNA_F
ClientSampleId :
K206-0-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	8.8	0.0	0.0#

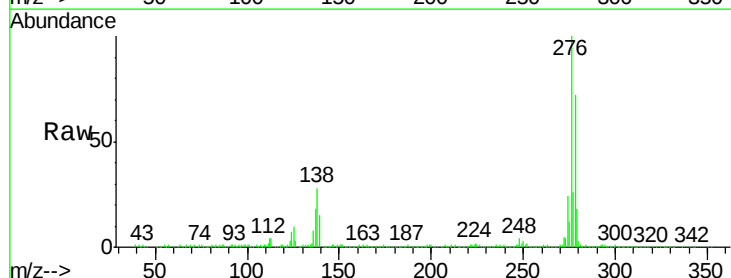


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

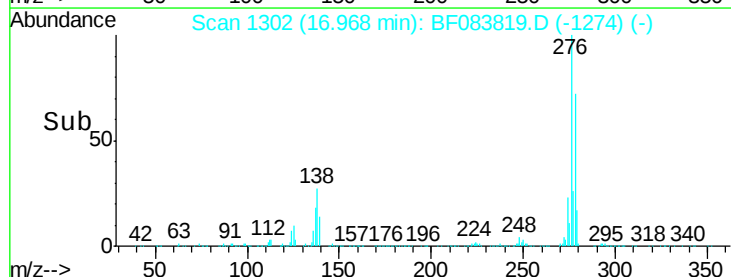
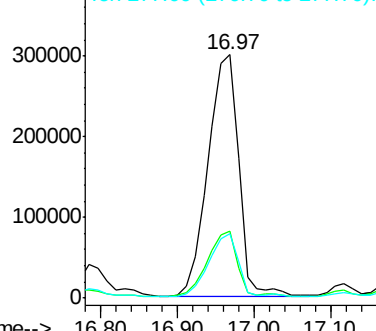


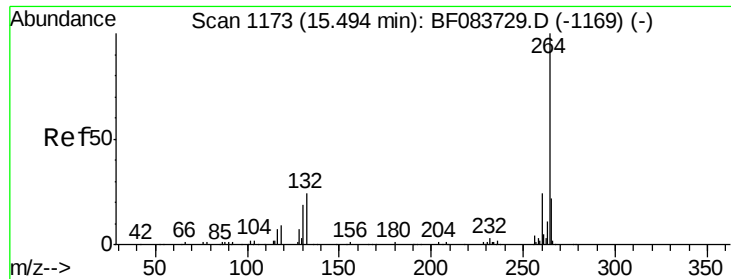
#85
Indeno(1,2,3-cd)pyrene
Concen: 79.33 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	0.0	0.0#
277	24.4	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

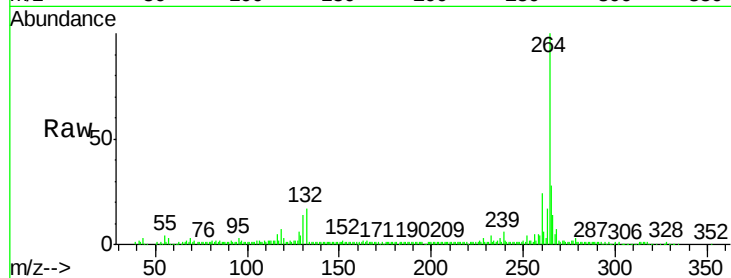




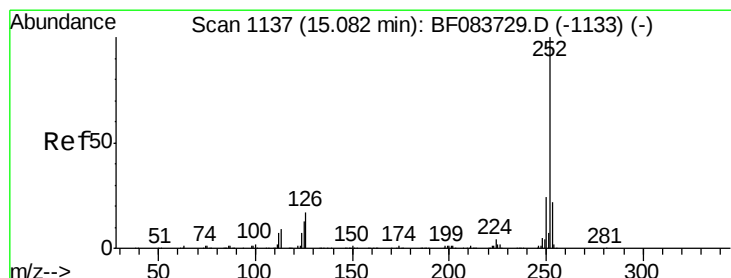
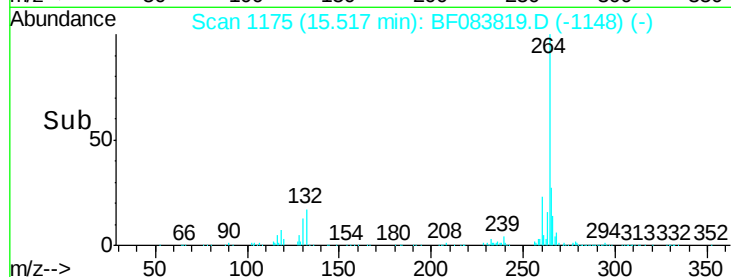
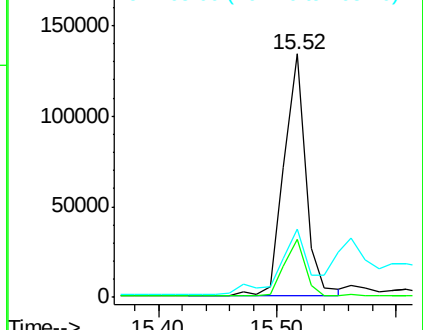
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Instrument :
BNA_F
ClientSampleId :
K206-0-2MS

Tot Ion:264 Resp: 170240
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 28.1 17.8 26.6#

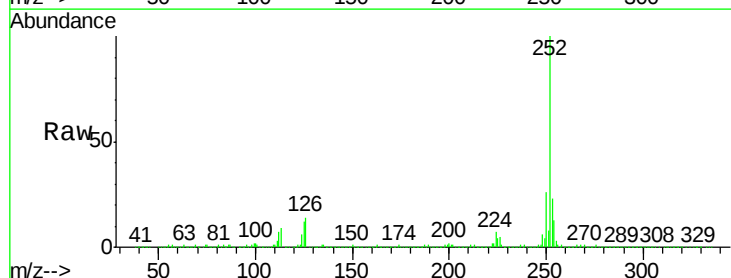


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

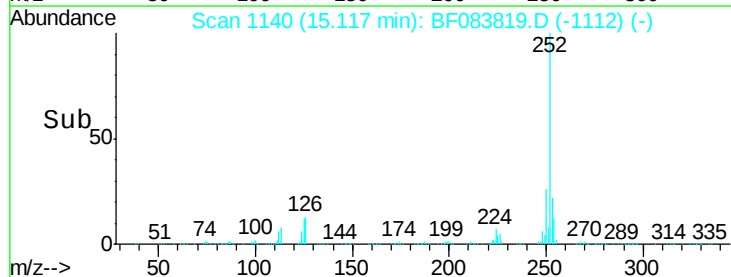
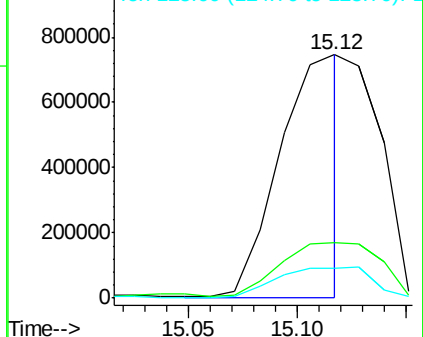


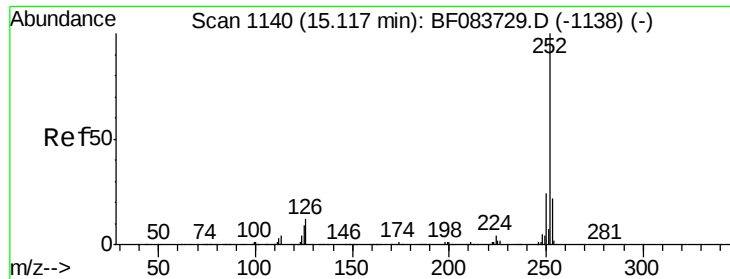
#87
Benzo(b)fluoranthene
Concen: 139.08 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion:252 Resp: 1510480
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 12.4 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 85.80 ng m

RT: 15.12 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

Instrument :

BNA_F

ClientSampleId :

K206-0-2MS

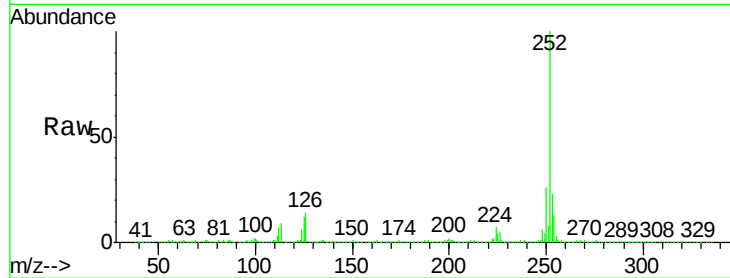
Tot Ion:252 Resp: 844340

Ion Ratio Lower Upper

252 100

253 23.0 18.6 27.8

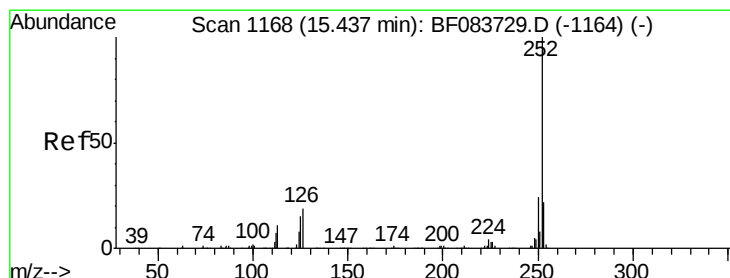
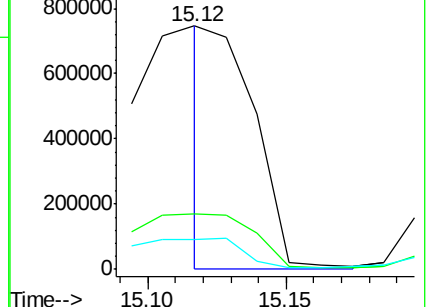
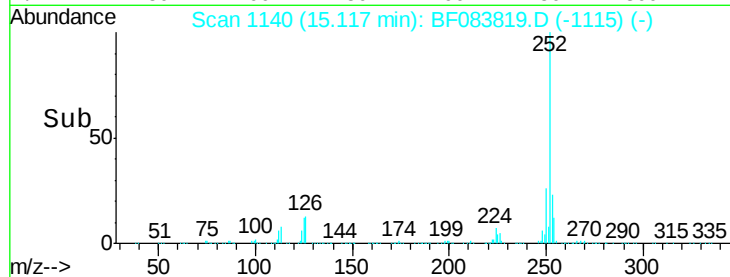
125 12.4 11.5 17.3



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: 101.29 ng

RT: 15.46 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF083819.D

Acq: 15 Dec 2015 15:35

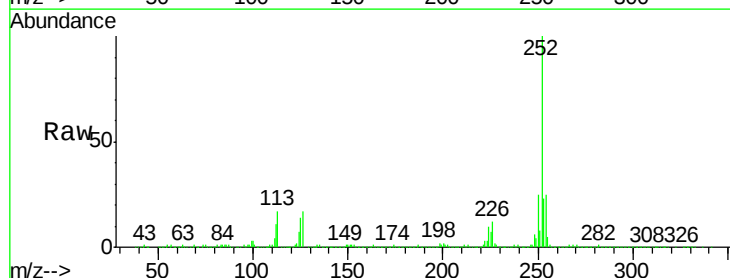
Tgt Ion:252 Resp: 981666

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

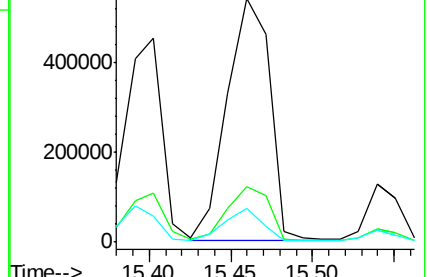
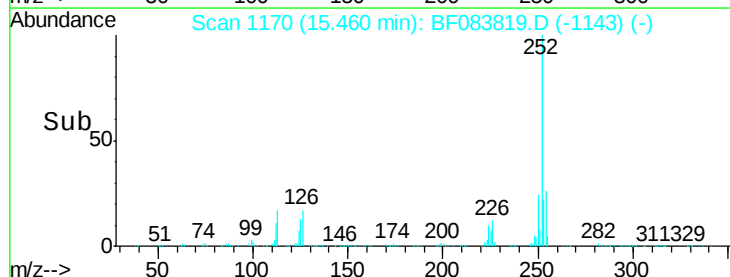
125 13.6 11.0 16.6

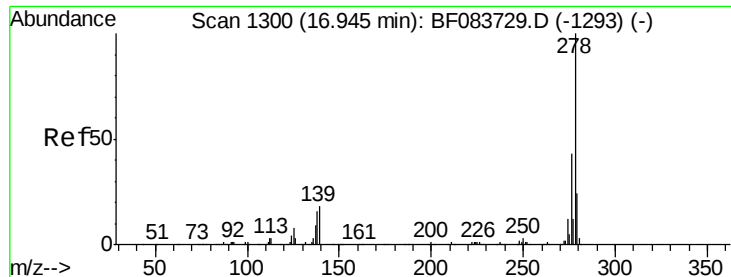


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

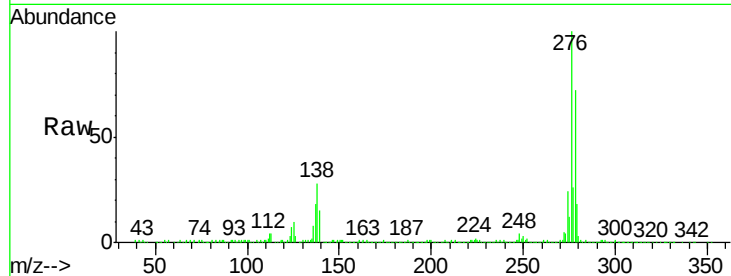




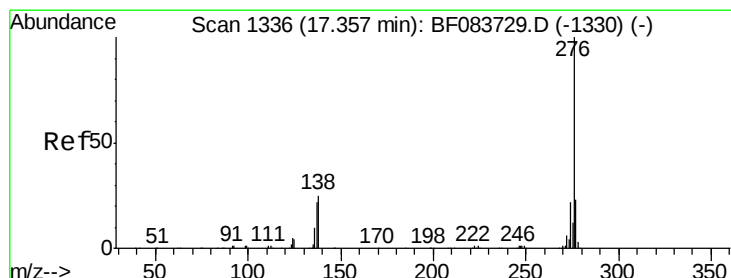
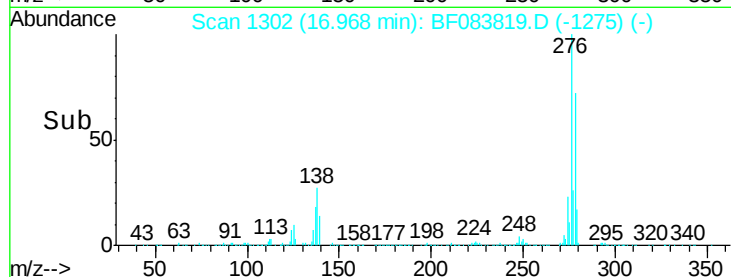
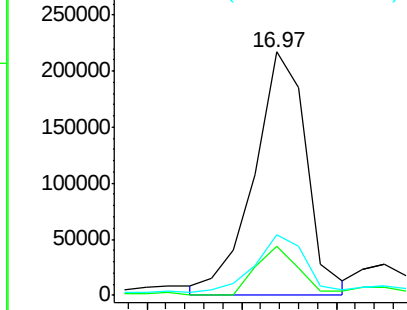
#90
Dibenzo(a,h)anthracene
Concen: 43.16 ng/mL
RT: 16.97 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Instrument :
BNA_F
ClientSampleId :
K206-0-2MS

Tot Ion: 278 Resp: 415943
Ion Ratio Lower Upper
278 100
139 20.2 12.8 19.2#
279 24.7 18.6 28.0

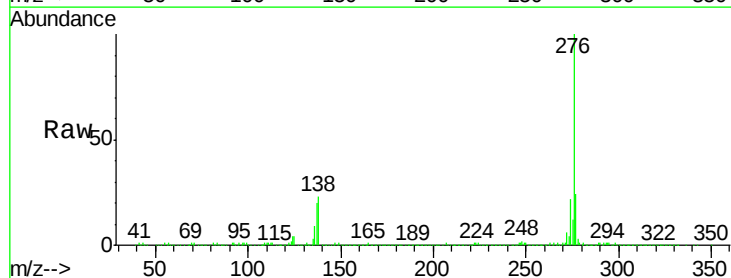


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 75.37 ng/mL
RT: 17.40 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF083819.D
Acq: 15 Dec 2015 15:35

Tgt Ion: 276 Resp: 746638
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 22.7 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

