

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010917\
 Data File : BF092138.D
 Acq On : 9 Jan 2017 15:05
 Operator : UM/SJ
 Sample : I1073-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 15:50:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	211745	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	733427	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	374734	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	616981	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	448811	20.00	ng	0.00
86) Perylene-d12	15.15	264	409632	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1542001	121.60	ng	0.01
7) Phenol-d6	6.31	99	1957722	126.45	ng	0.00
23) Nitrobenzene-d5	7.20	82	1177096	89.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	423831	136.67	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1909382	107.87	ng	0.00
78) Terphenyl-d14	12.73	244	1524214	82.36	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.17	88	230423	36.91	ng	96
3) Pyridine	2.81	79	556592	25.54	ng	96
4) n-Nitrosodimethylamine	2.77	42	289036	35.16	ng	99
6) Aniline	6.30	93	503237	25.02	ng	# 51
8) 2-Chlorophenol	6.42	128	609987	42.29	ng	100
9) Benzaldehyde	6.17	77	52300	4.32	ng	99
10) Phenol	6.32	94	917945	52.03	ng	# 69
11) bis(2-Chloroethyl)ether	6.38	93	658565	46.91	ng	96
12) 1,3-Dichlorobenzene	6.57	146	654169	42.48	ng	98
13) 1,4-Dichlorobenzene	6.65	146	592020	37.77	ng	93
14) 1,2-Dichlorobenzene	6.80	146	520014	38.24	ng	100
15) Benzyl Alcohol	6.79	79	423805	35.23	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	706690	33.80	ng	# 37
17) 2-Methylphenol	6.93	107	406406	35.03	ng	# 91
18) Hexachloroethane	7.14	117	196013	33.73	ng	97
19) n-Nitroso-di-n-propylamine	7.06	70	418579	40.64	ng	95
20) 3+4-Methylphenols	7.09	107	601141	43.44	ng	# 70
22) Acetophenone	7.05	105	785483	43.42	ng	# 92
24) Nitrobenzene	7.22	77	622846	44.34	ng	93
25) Isophorone	7.46	82	1149063	47.22	ng	96
26) 2-Nitrophenol	7.54	139	327405	47.26	ng	# 85
27) 2,4-Dimethylphenol	7.60	122	470044	40.91	ng	98
28) bis(2-Chloroethoxy)methane	7.68	93	607707	41.18	ng	98
29) 2,4-Dichlorophenol	7.80	162	428437	44.03	ng	90
30) 1,2,4-Trichlorobenzene	7.86	180	428990	40.24	ng	96
31) Naphthalene	7.94	128	1506727	44.89	ng	99
32) Benzoic acid	7.75	122	268975	31.56	ng	98
33) 4-Chloroaniline	8.00	127	250773	16.57	ng	96
34) Hexachlorobutadiene	8.06	225	236518	42.03	ng	99
35) Caprolactam	8.38	113	88853	27.79	ng	# 69
36) 4-Chloro-3-methylphenol	8.52	107	490131	43.78	ng	94
37) 2-Methylnaphthalene	8.63	142	926061	45.82	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	380994	40.24	ng	# 98
40) Hexachlorocyclopentadiene	8.79	237	328825	78.09	ng	96

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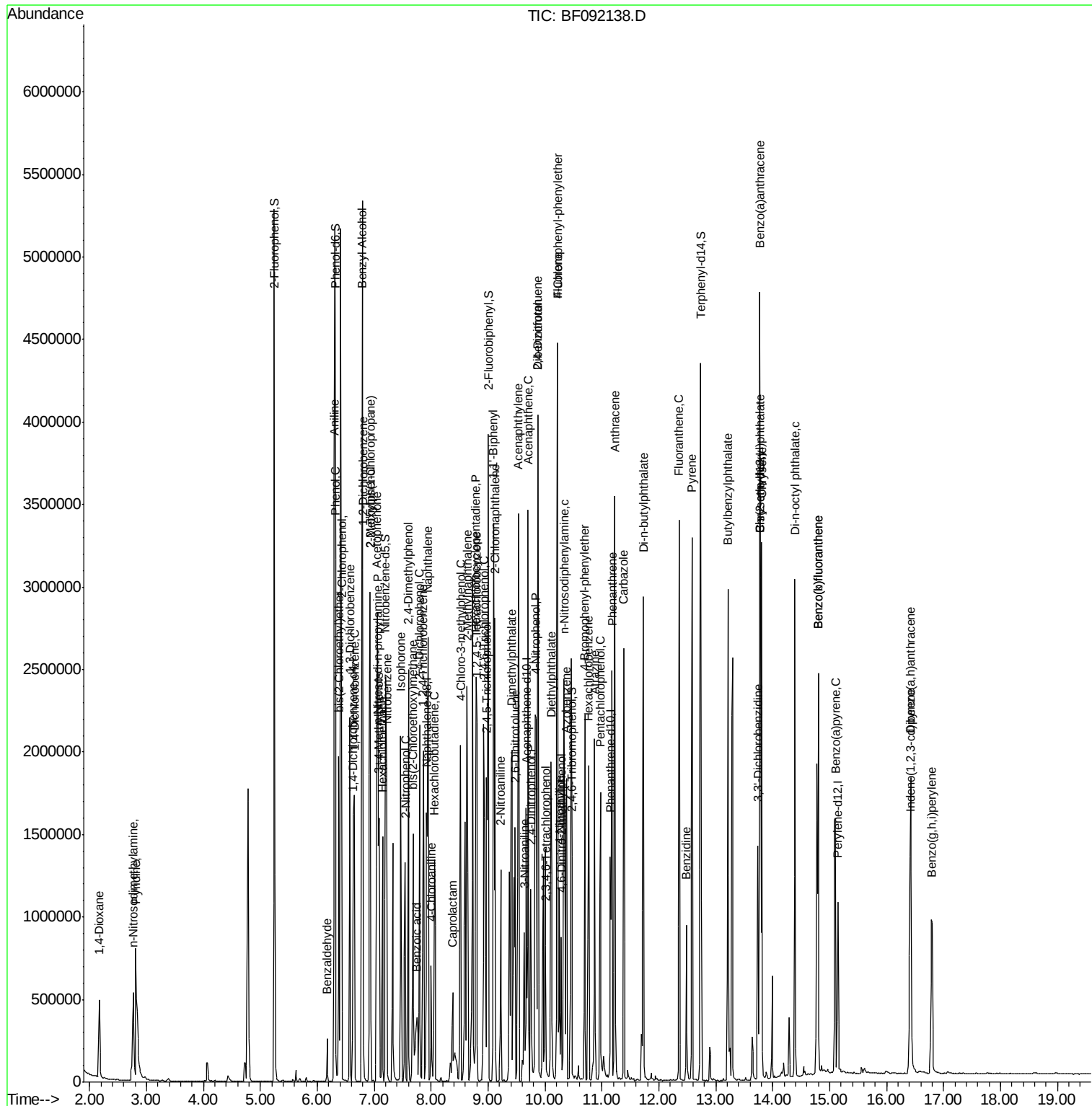
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42) 2,4,6-Trichlorophenol	8.93	196	283010	42.74	nq	98
43) 2,4,5-Trichlorophenol	8.97	196	267779	39.30	nq	93
45) 1,1'-Biphenyl	9.10	154	1080367	42.11	nq	97
46) 2-Chloronaphthalene	9.12	162	861325	42.39	nq	95
47) 2-Nitroaniline	9.22	65	265236	36.66	nq	97
48) Acenaphthylene	9.53	152	1277573	40.88	nq	99
49) Dimethylphthalate	9.42	163	1555119	64.88	nq	100
50) 2,6-Dinitrotoluene	9.48	165	256356	48.87	nq	97
51) Acenaphthene	9.70	154	814650	38.45	nq	98
52) 3-Nitroaniline	9.64	138	138628	21.35	nq	97
53) 2,4-Dinitrophenol	9.75	184	185750	63.64	nq	# 62
54) Dibenzofuran	9.88	168	1126516	39.37	nq	99
55) 4-Nitrophenol	9.84	139	358225	81.27	nq	93
56) 2,4-Dinitrotoluene	9.88	165	286900	43.57	nq	# 84
57) Fluorene	10.22	166	880402	42.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	226206	41.97	nq	99
59) Diethylphthalate	10.10	149	1007813	43.30	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	420225	46.10	nq	# 84
61) 4-Nitroaniline	10.25	138	216906	32.24	nq	96
62) Azobenzene	10.38	77	1150814	44.91	nq	84
64) 4,6-Dinitro-2-methylphenol	10.29	198	155055	41.56	nq	90
65) n-Nitrosodiphenylamine	10.33	169	829088	45.29	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	259749	40.47	nq	95
67) Hexachlorobenzene	10.77	284	298148	43.46	nq	100
68) Atrazine	10.87	200	240156	40.67	nq	97
69) Pentachlorophenol	10.97	266	286263	85.04	nq	99
70) Phenanthrene	11.18	178	1463195	43.74	nq	98
71) Anthracene	11.22	178	1317070	44.09	nq	99
72) Carbazole	11.38	167	1183766	41.54	nq	99
73) Di-n-butylphthalate	11.73	149	1596424	50.90	nq	98
74) Fluoranthene	12.36	202	1376476	47.07	nq	97
76) Benzidine	12.48	184	352626	28.02	nq	97
77) Pyrene	12.59	202	1492623	45.33	nq	99
79) Butylbenzylphthalate	13.21	149	633346	42.29	nq	97
80) Benzo(a)anthracene	13.77	228	1152476	45.49	nq	99
81) 3,3'-Dichlorobenzidine	13.74	252	287902	29.97	nq	# 97
82) Chrysene	13.81	228	1097900	43.20	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	873860	49.55	nq	# 96
84) Di-n-octyl phthalate	14.39	149	1568180	48.00	nq	98
85) Indeno(1,2,3-cd)pyrene	16.41	276	952240	43.25	nq	99
87) Benzo(b)fluoranthene	14.80	252	2062282	80.86	nq	97
88) Benzo(k)fluoranthene	14.80	252	2062282	94.83	nq	98
89) Benzo(a)pyrene	15.10	252	968039	42.77	nq	# 94
90) Dibenzo(a,h)anthracene	16.43	278	792194	42.58	nq	98
91) Benzo(g,h,i)perylene	16.80	276	803859	41.55	nq	99

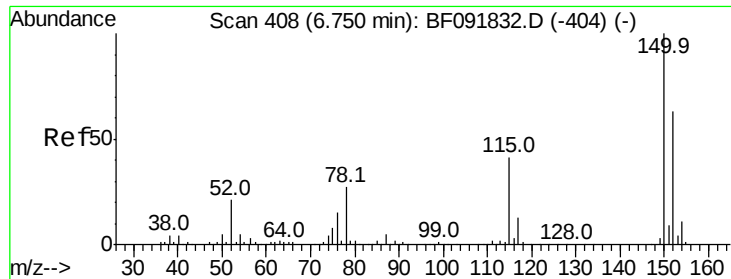
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampled :

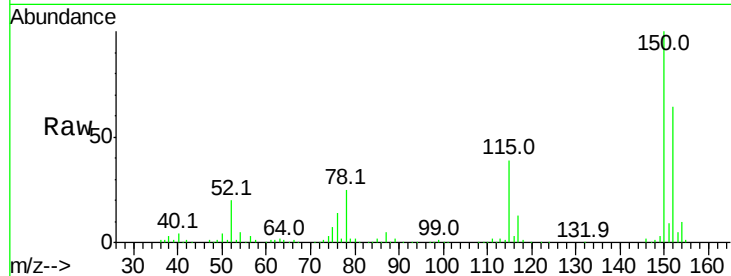
Tot Ion:152 Resp: 211745

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

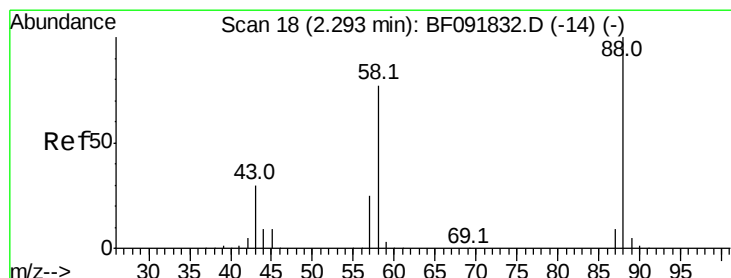
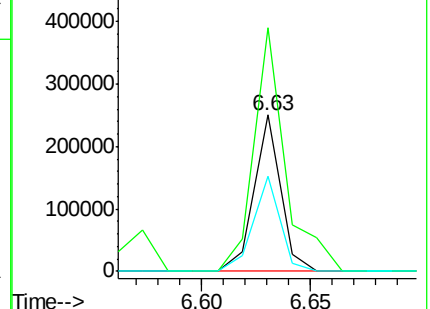
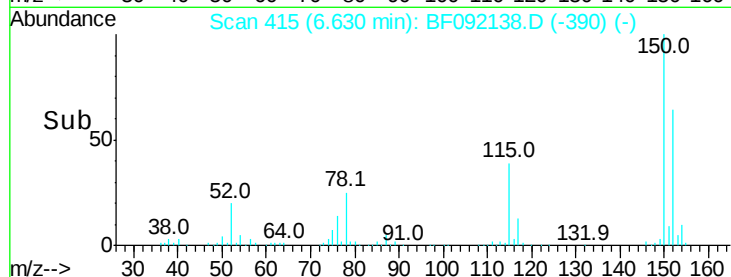
115 60.7 46.0 69.0



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: 36.91 ng

RT: 2.17 min Scan# 25

Delta R.T. 0.09 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

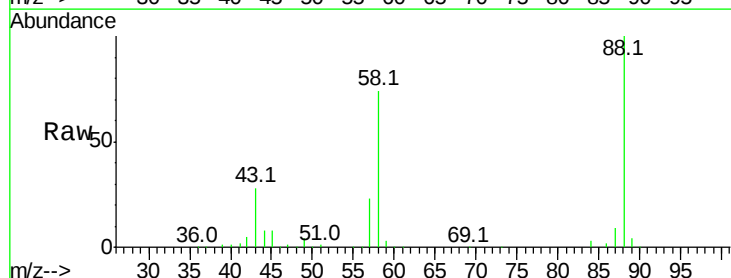
Tgt Ion: 88 Resp: 230423

Ion Ratio Lower Upper

88 100

58 76.4 57.8 86.8

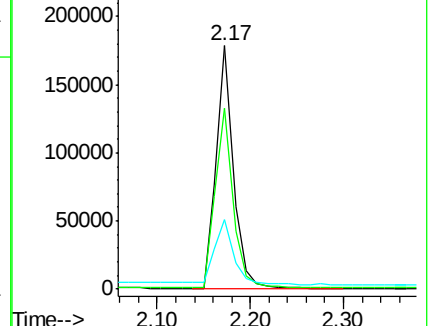
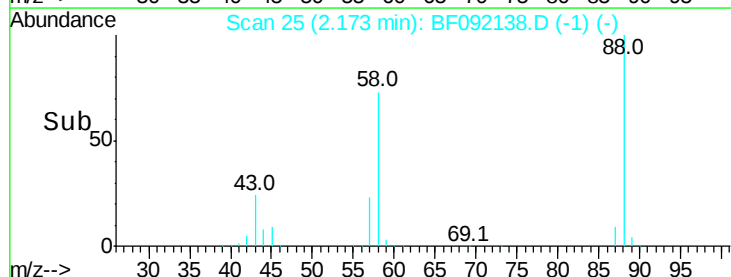
43 28.0 22.3 33.5

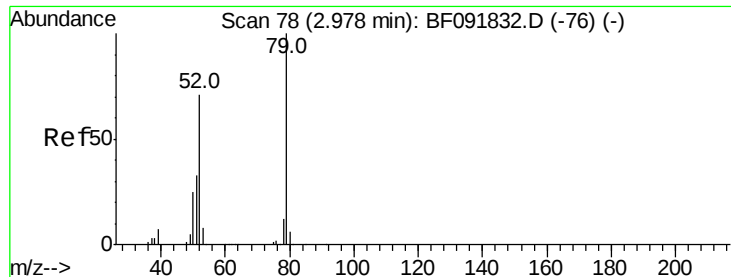


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

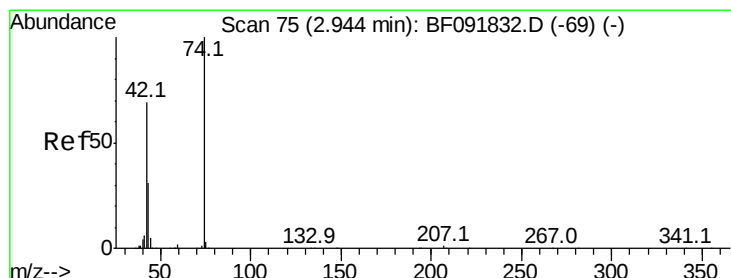
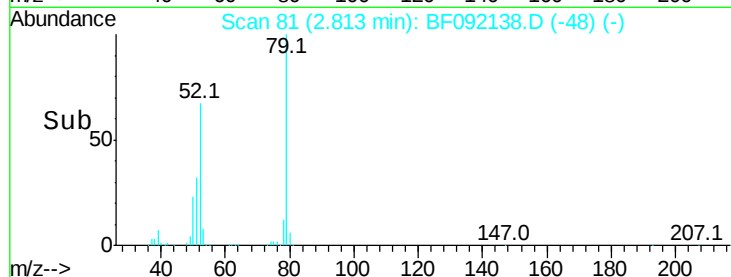
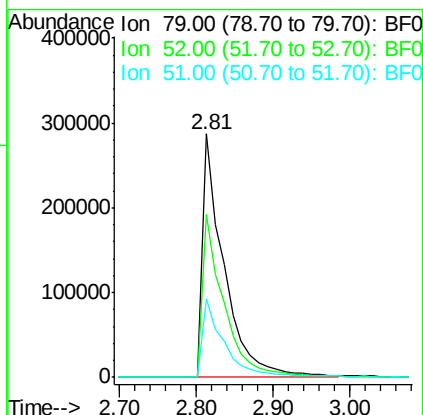
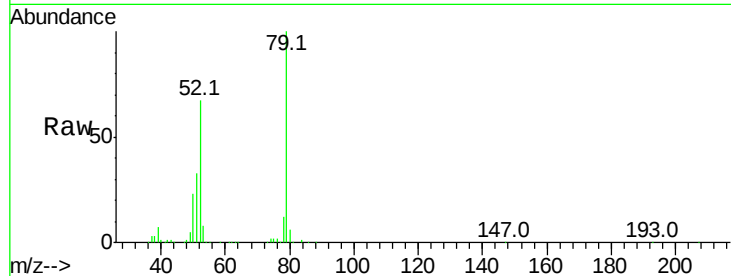




#3
Pvridine
Concen: 25.54 ng
RT: 2.81 min Scan# 81
Delta R.T. 0.08 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

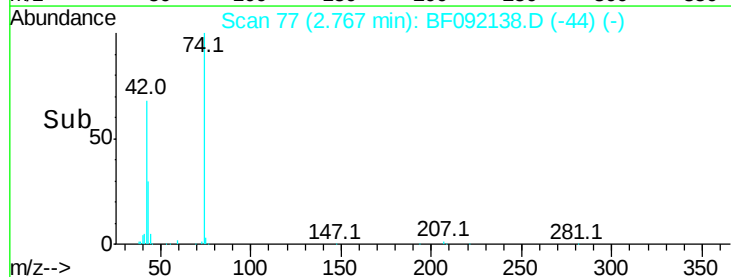
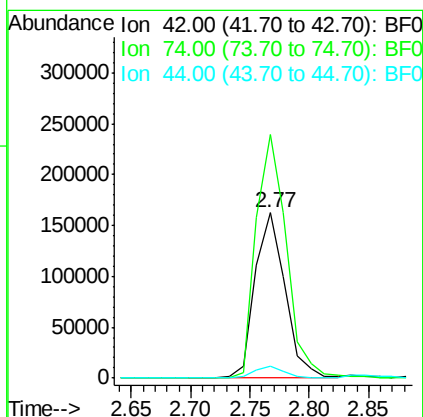
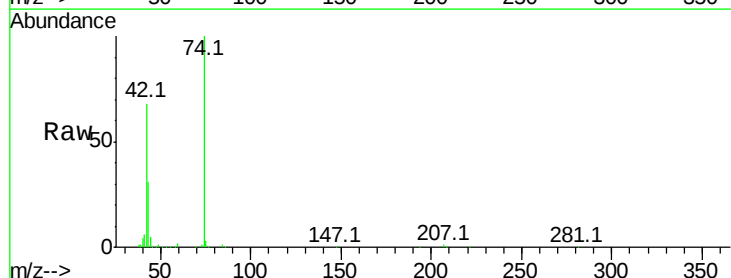
Instrument :
BNA_F
ClientSampleId :

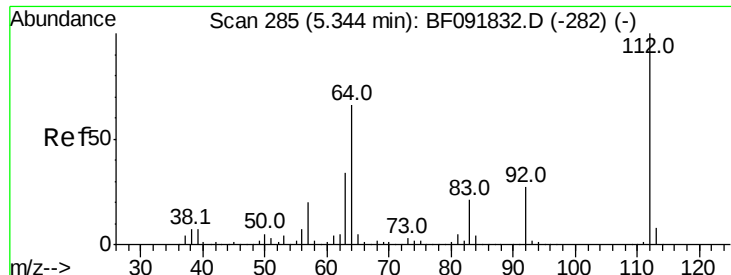
Tot Ion: 79 Resp: 556592
Ion Ratio Lower Upper
79 100
52 67.2 57.1 85.7
51 32.5 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 35.16 ng
RT: 2.77 min Scan# 77
Delta R.T. 0.08 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion: 42 Resp: 289036
Ion Ratio Lower Upper
42 100
74 147.1 117.0 175.4
44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 121.60 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :
BNA_F
ClientSampleId :

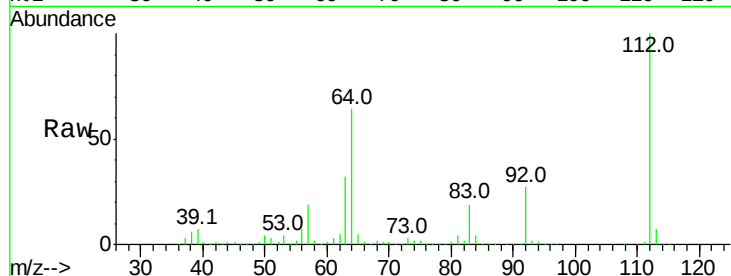
Tot Ion:112 Resp: 1542001

Ion Ratio Lower Upper

112 100

64 63.8 46.1 69.1

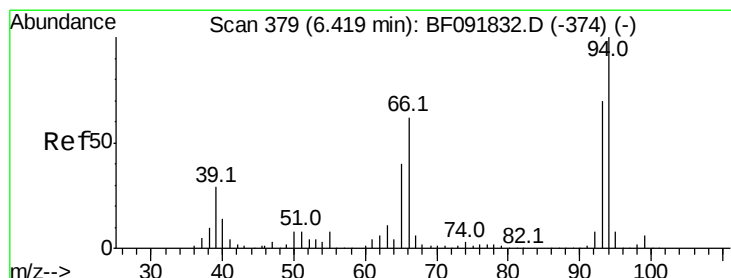
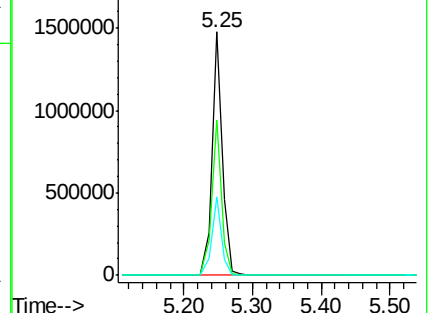
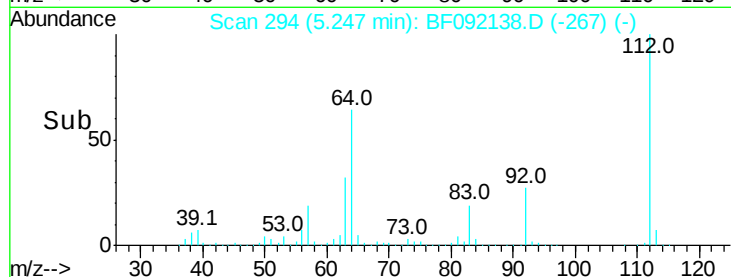
63 32.4 23.8 35.6



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: 25.02 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

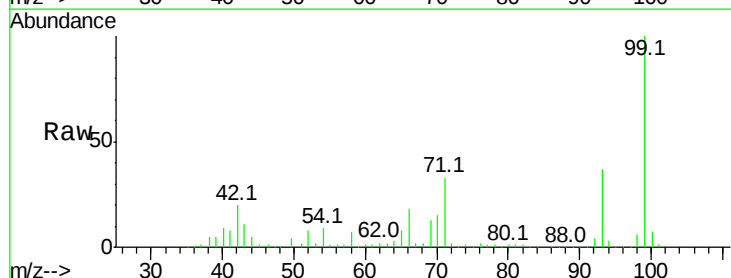
Tgt Ion: 93 Resp: 503237

Ion Ratio Lower Upper

93 100

66 50.1 76.2 114.2#

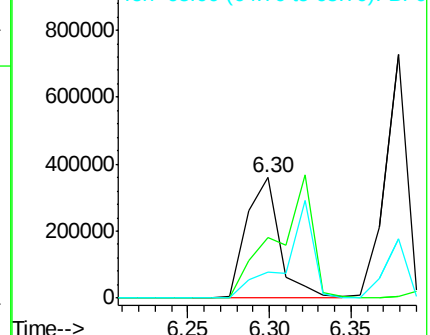
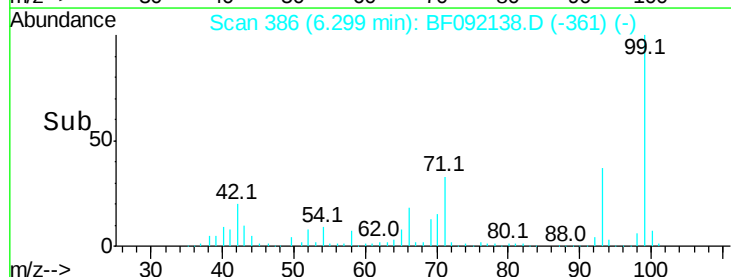
65 21.2 49.3 73.9#

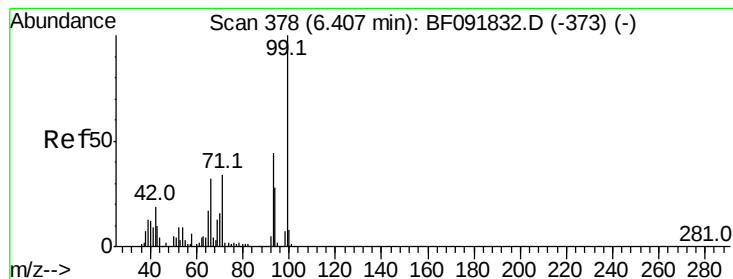


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.45 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

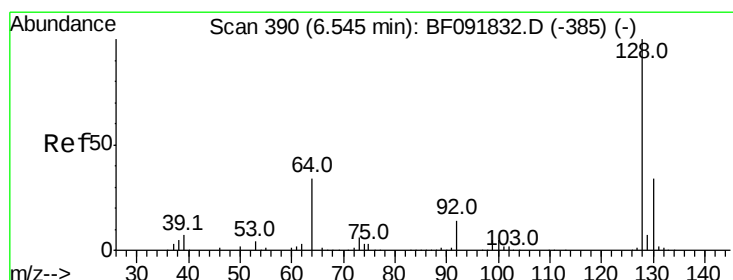
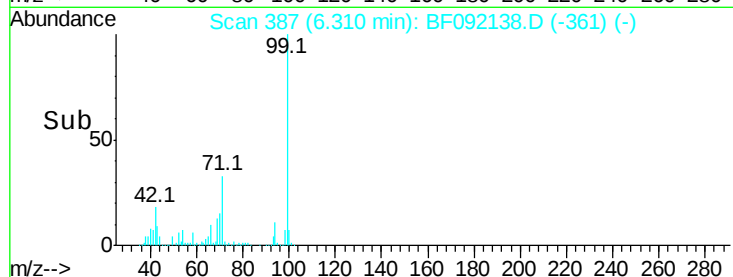
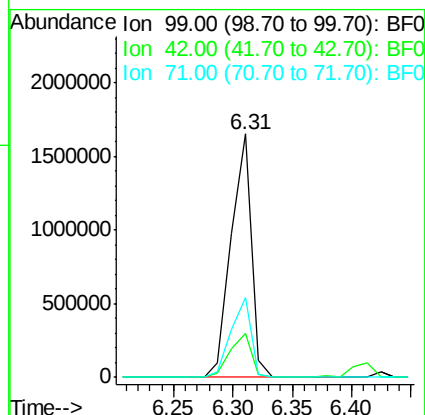
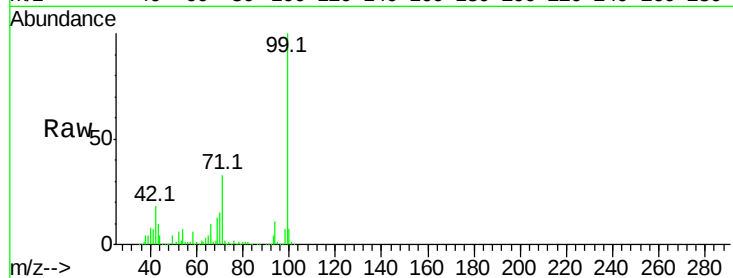
Tot Ion: 99 Resp: 1957722

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

71 32.7 27.5 41.3



#8

2-Chlorophenol

Concen: 42.29 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

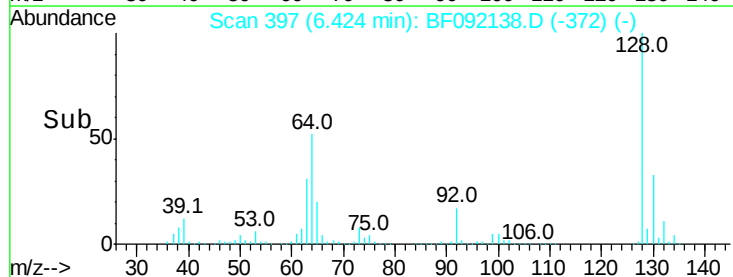
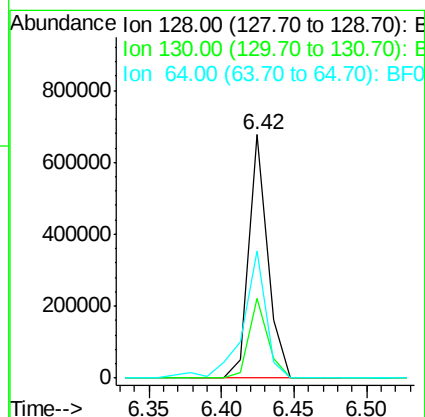
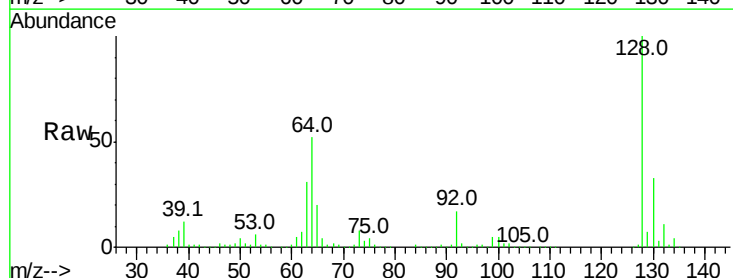
Tgt Ion:128 Resp: 609987

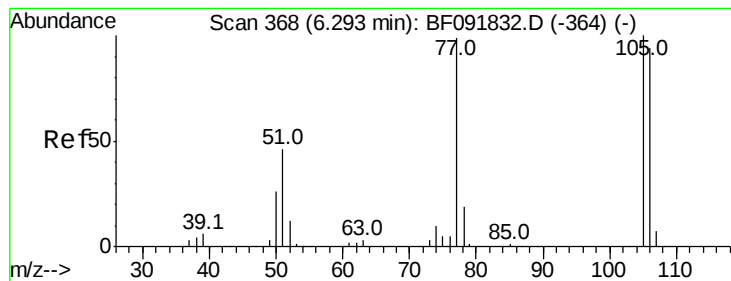
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 52.3 32.2 72.2





#9

Benzaldehyde

Concen: 4.32 ng

RT: 6.17 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

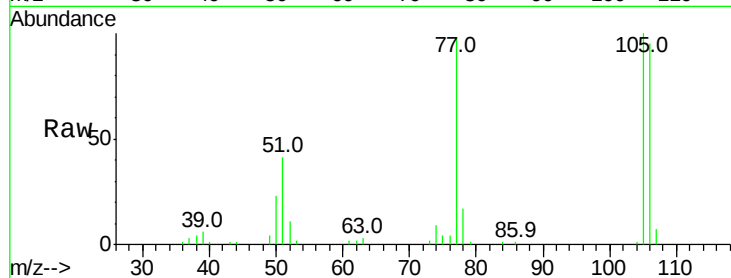
Tot Ion: 77 Resp: 52300

Ion Ratio Lower Upper

77 100

105 102.3 83.9 123.9

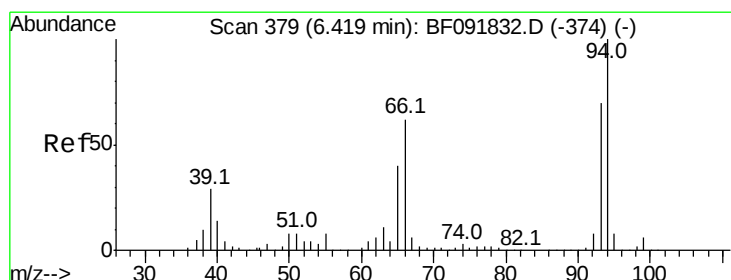
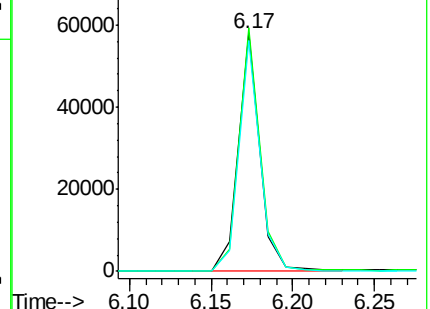
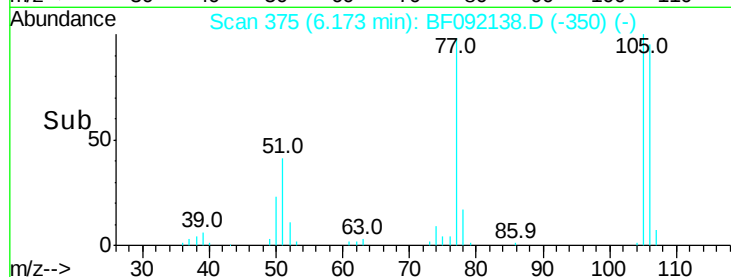
106 97.0 77.6 117.6



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: 52.03 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

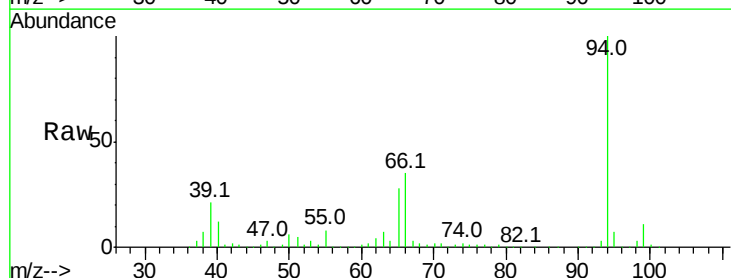
Tgt Ion: 94 Resp: 917945

Ion Ratio Lower Upper

94 100

65 27.8 21.4 61.4

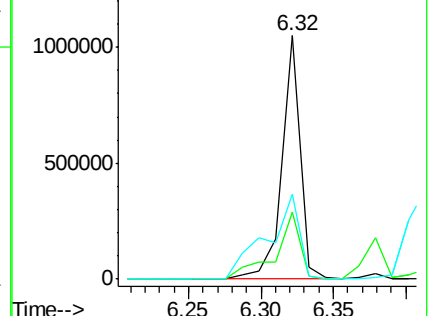
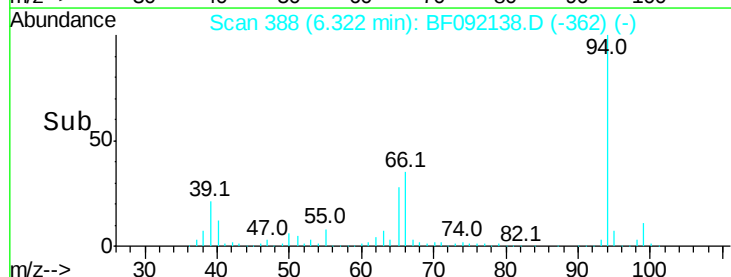
66 35.1 44.0 84.0#

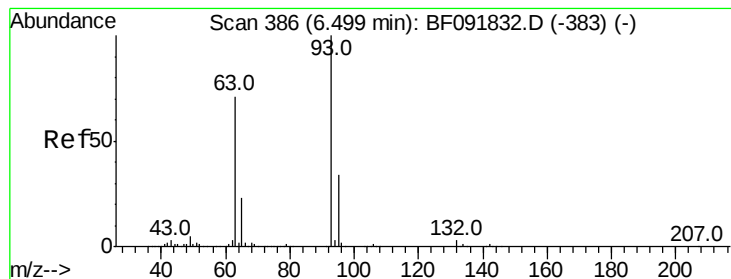


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

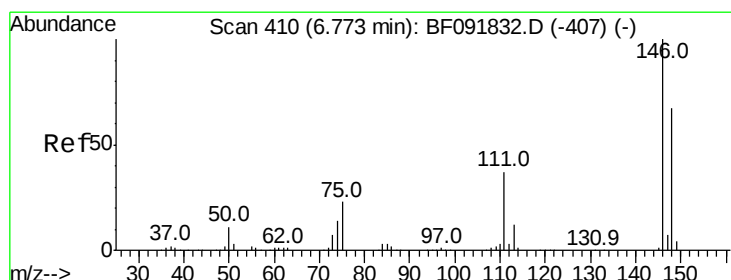
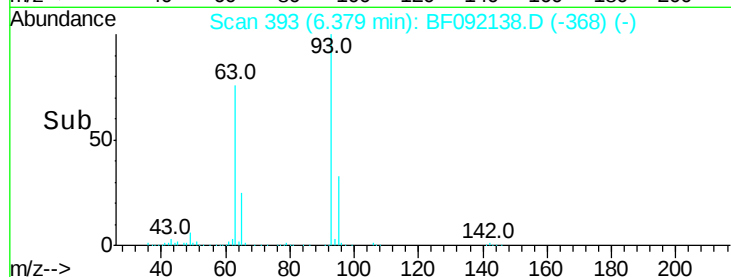
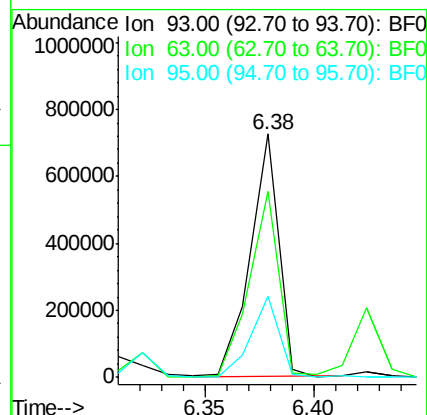
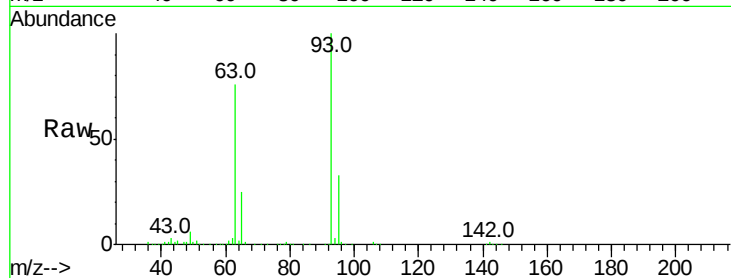




#11
bis(2-Chloroethyl)ether
Concen: 46.91 ng
RT: 6.38 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

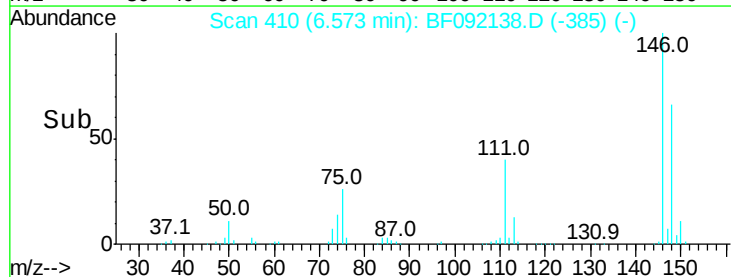
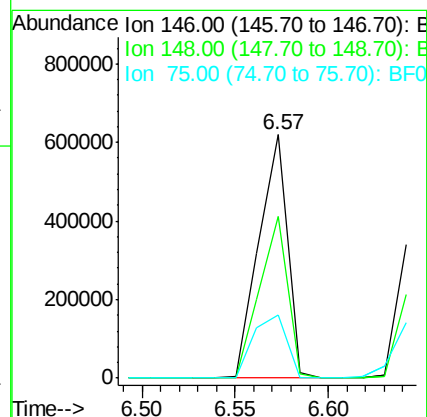
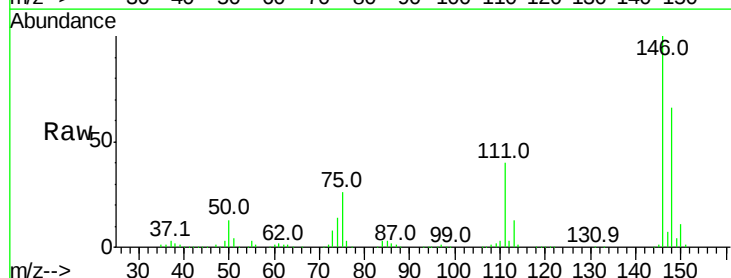
Instrument :
BNA_F
ClientSampleId :

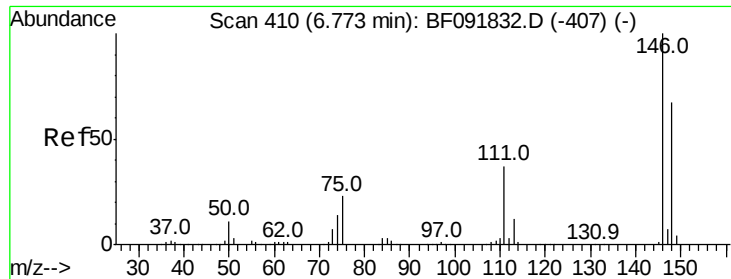
Tot Ion: 93 Resp: 658565
Ion Ratio Lower Upper
93 100
63 76.2 60.4 100.4
95 33.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.48 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion: 146 Resp: 654169
Ion Ratio Lower Upper
146 100
148 66.2 53.4 80.0
75 26.2 18.5 27.7

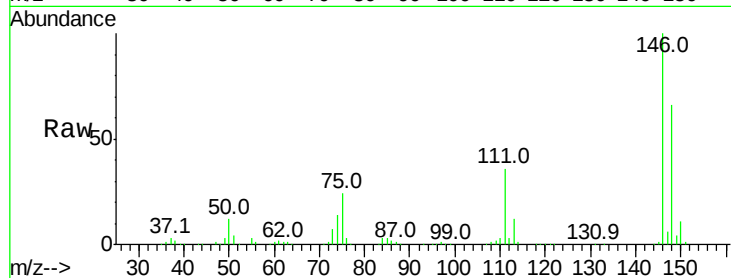




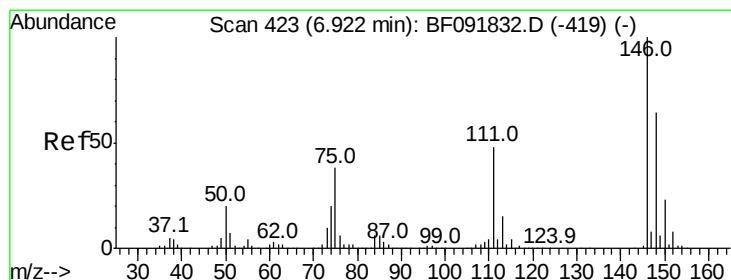
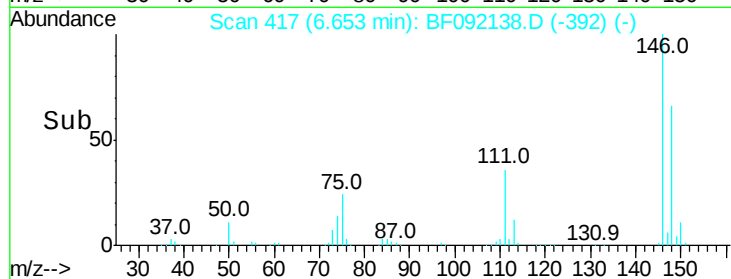
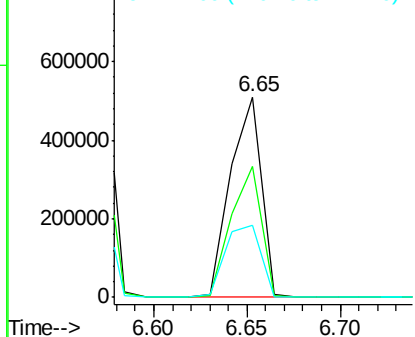
#13
1,4-Dichlorobenzene
Concen: 37.77 ng
RT: 6.65 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 592020
Ion Ratio Lower Upper
146 100
148 65.5 50.6 76.0
111 36.3 36.2 54.4

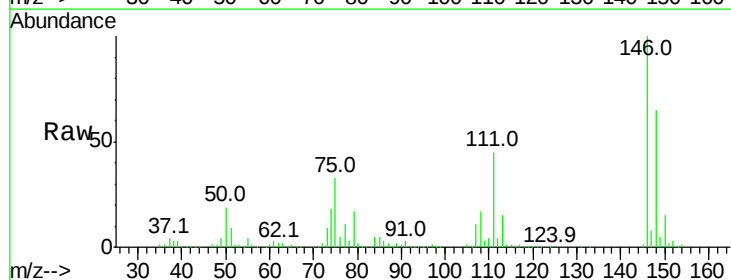


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

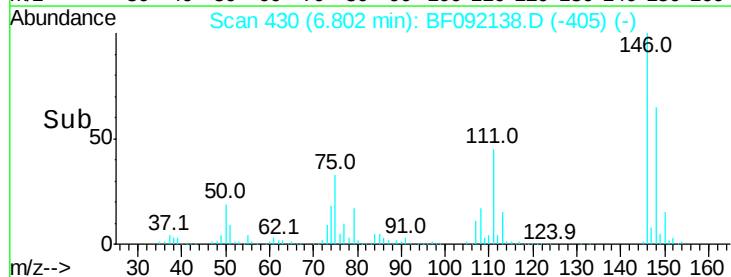
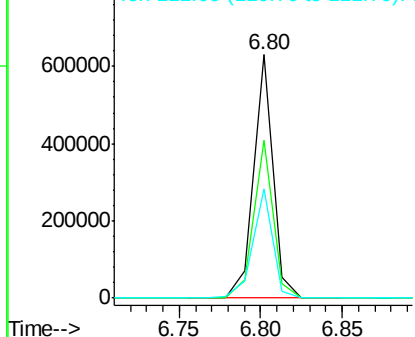


#14
1,2-Dichlorobenzene
Concen: 38.24 ng
RT: 6.80 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion:146 Resp: 520014
Ion Ratio Lower Upper
146 100
148 65.0 52.2 78.2
111 44.7 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.23 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

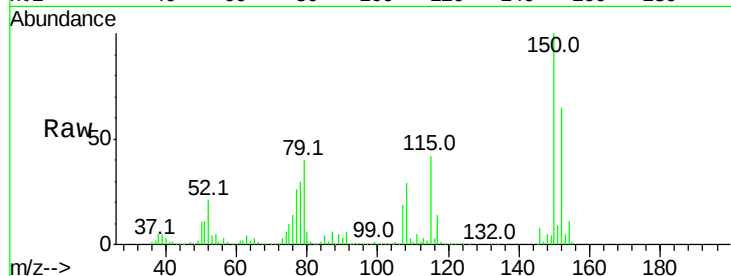
Tot Ion: 79 Resp: 423805

Ion Ratio Lower Upper

79 100

108 73.5 61.4 92.0

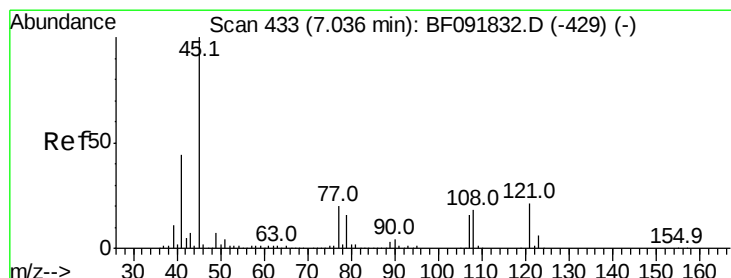
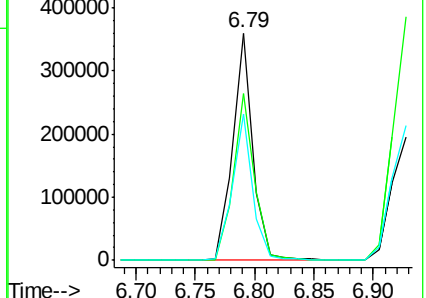
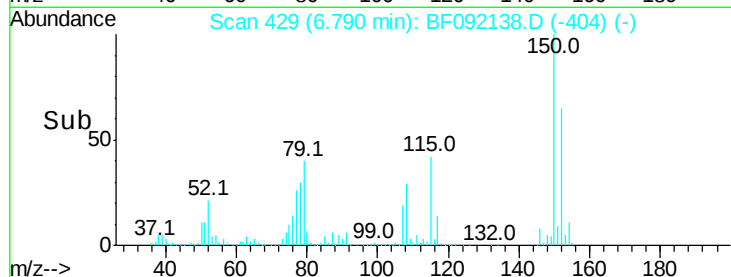
77 64.6 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.80 ng

RT: 6.93 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

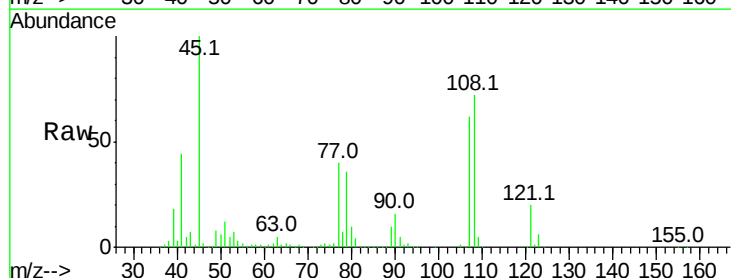
Tgt Ion: 45 Resp: 706690

Ion Ratio Lower Upper

45 100

77 39.8 0.0 34.6#

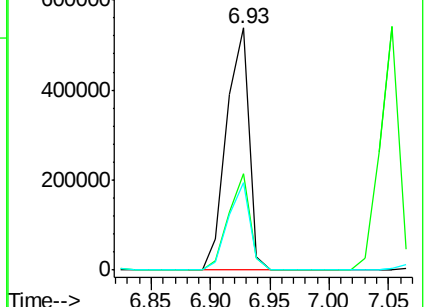
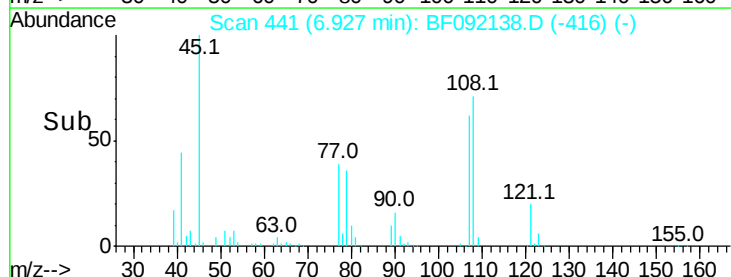
79 36.3 0.0 31.2#

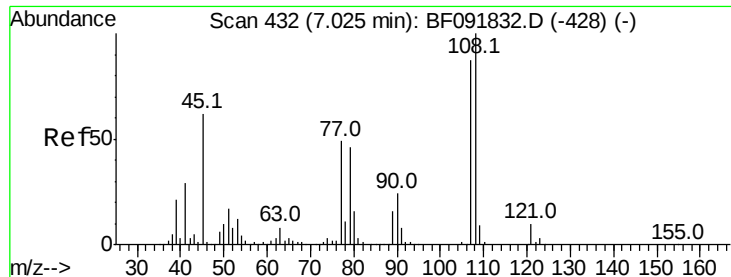


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 35.03 ng

RT: 6.93 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 406406

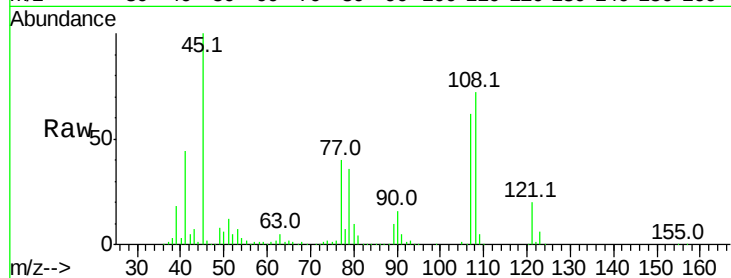
Ion Ratio Lower Upper

107 100

108 115.1 93.0 139.6

77 63.8 39.8 59.8#

79 58.2 38.0 57.0#



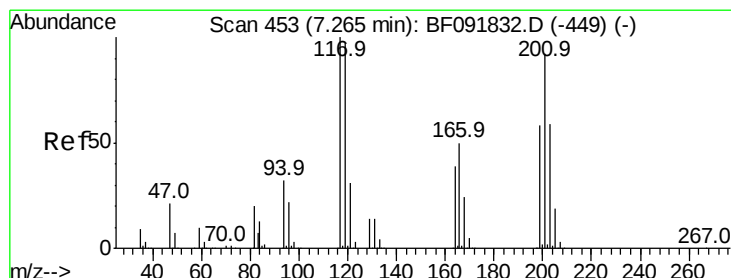
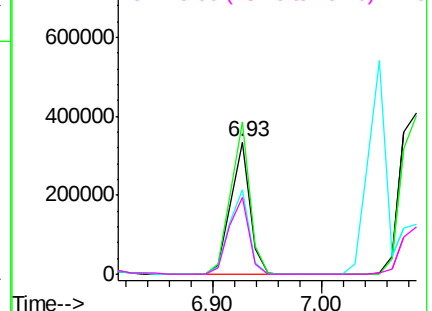
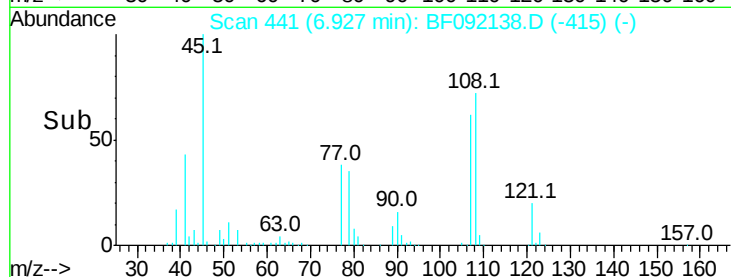
Abundance

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



#18

Hexachloroethane

Concen: 33.73 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

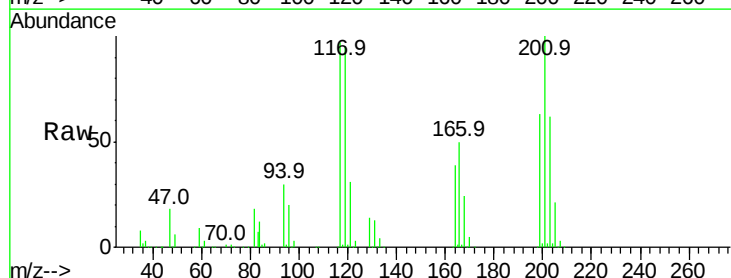
Tgt Ion:117 Resp: 196013

Ion Ratio Lower Upper

117 100

119 98.4 78.1 117.1

201 103.2 78.6 117.8

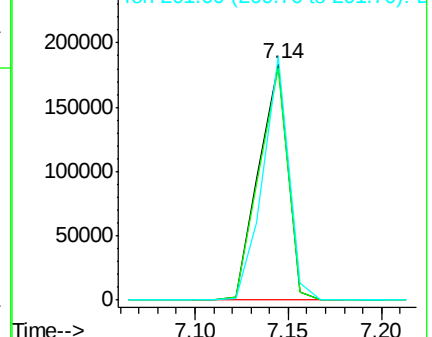
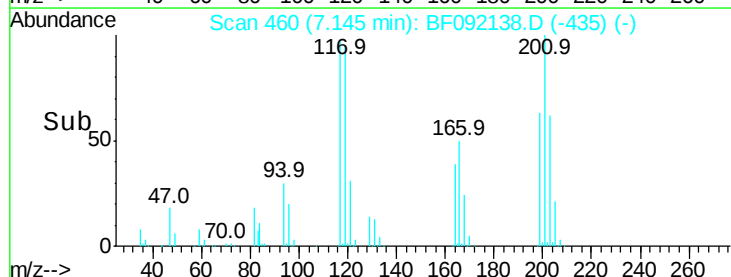


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

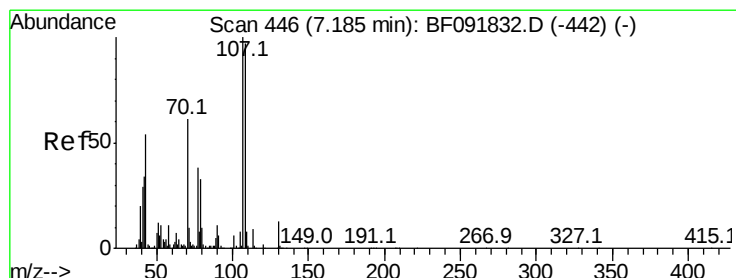
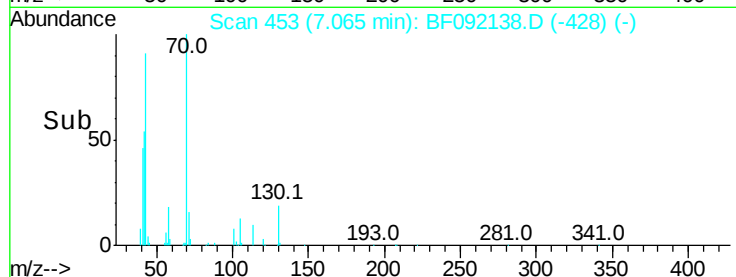
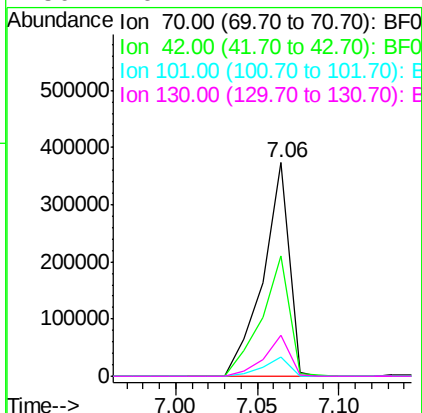
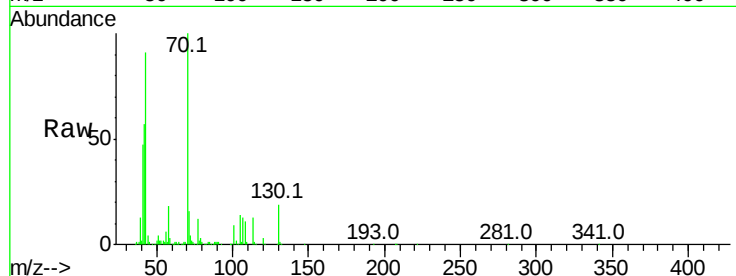




#19
n-Nitroso-di-n-propylamine
Concen: 40.64 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

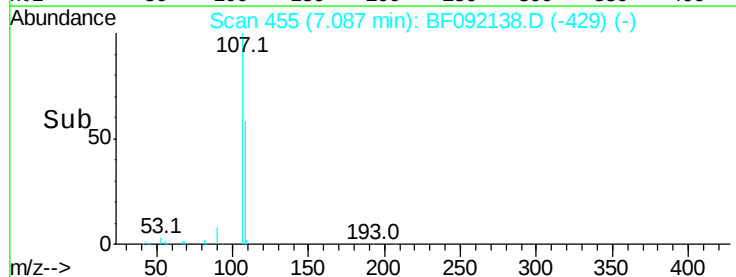
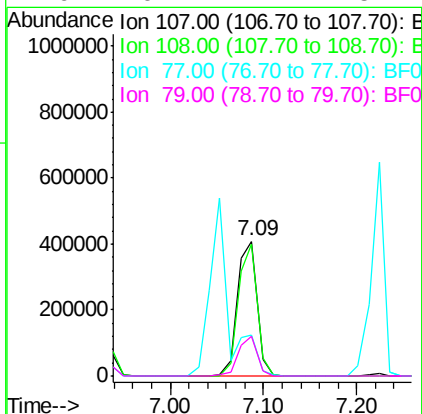
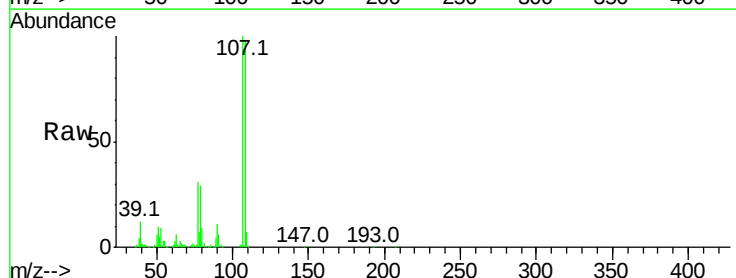
Instrument :
BNA_F
ClientSampleId :

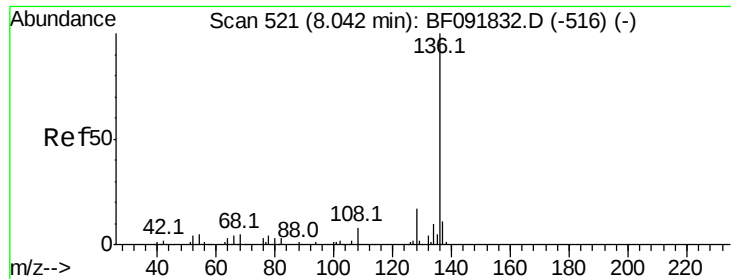
Tot Ion: 70 Resp: 418579
Ion Ratio Lower Upper
70 100
42 56.5 49.4 74.0
101 8.8 7.4 11.2
130 19.2 14.2 21.4



#20
3+4-Methylphenols
Concen: 43.44 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion: 107 Resp: 601141
Ion Ratio Lower Upper
107 100
108 98.0 73.0 113.0
77 30.8 71.3 111.3#
79 29.4 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 733427

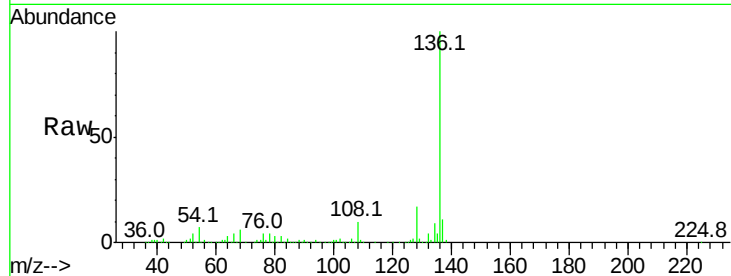
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.9 4.5 6.7#

68 5.6 3.6 5.4#

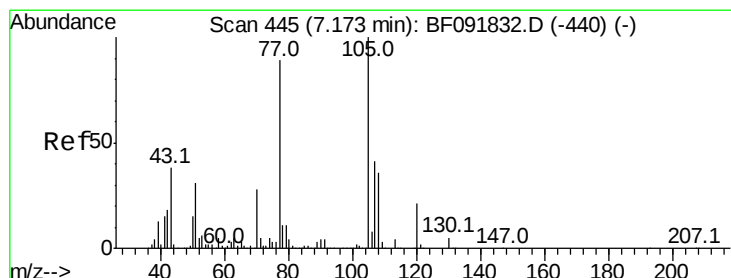
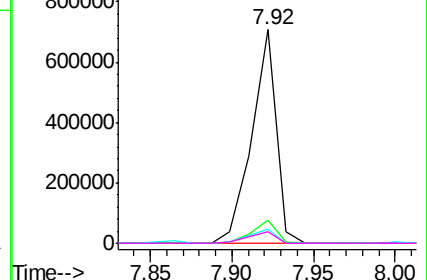
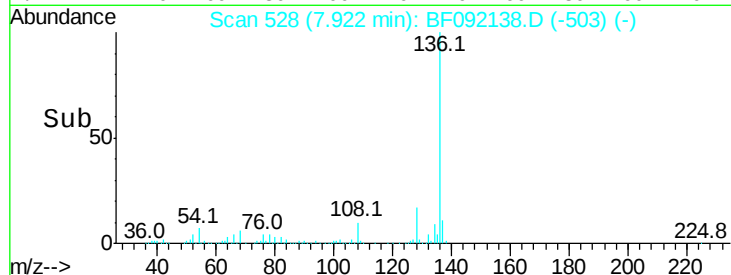


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.42 ng

RT: 7.05 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Tgt Ion:105 Resp: 785483

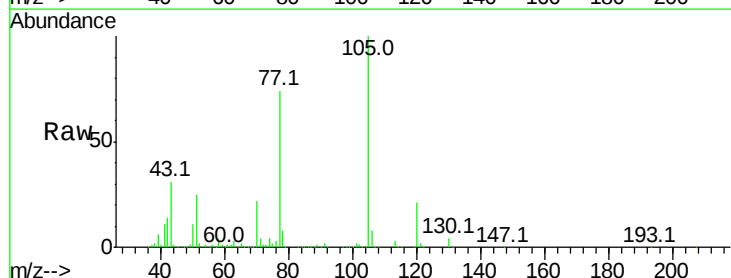
Ion Ratio Lower Upper

105 100

71 3.7 3.2 4.8

51 24.9 26.2 39.4#

120 20.7 16.6 24.8

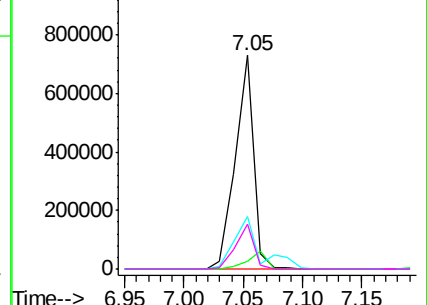
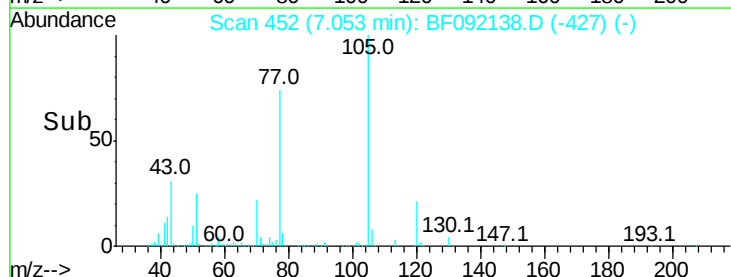


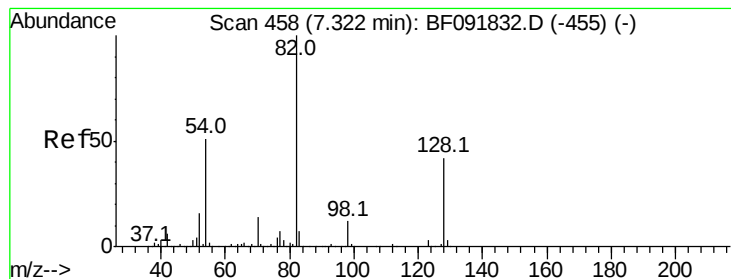
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.24 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

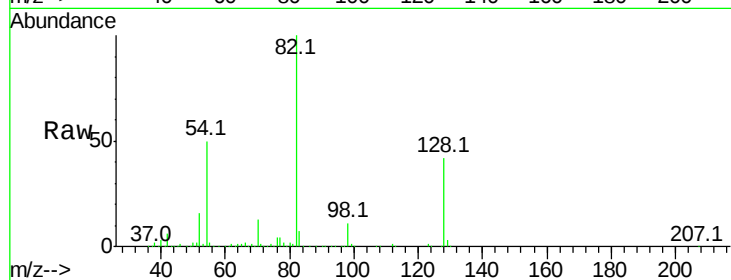
Instrument :

BNA_F

ClientSampled :

Tot Ion: 82 Resp: 1177096

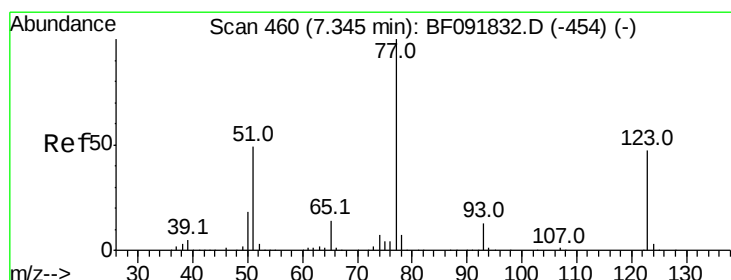
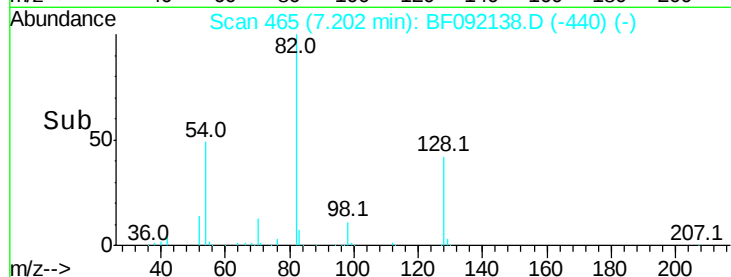
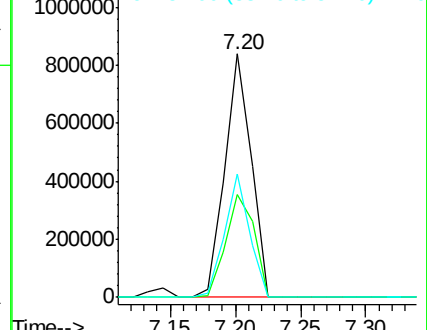
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	50.4	39.5	59.3



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: 44.34 ng

RT: 7.22 min Scan# 467

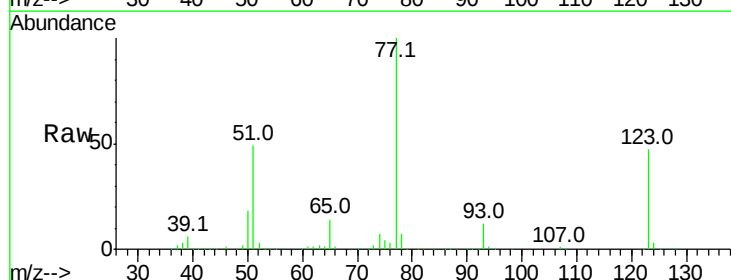
Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Tgt Ion: 77 Resp: 622846

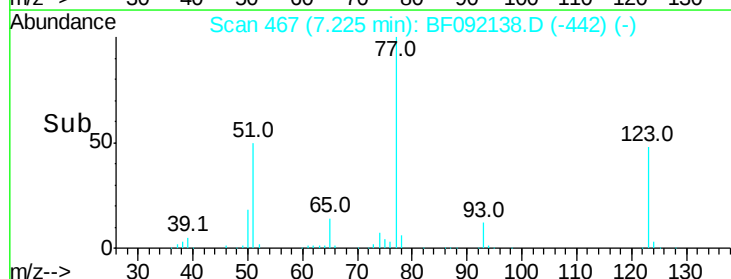
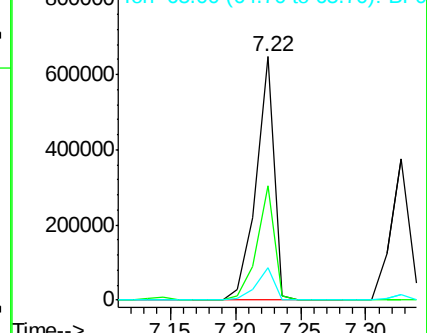
Ion	Ratio	Lower	Upper
77	100		
123	46.9	33.0	49.4
65	13.5	11.2	16.8

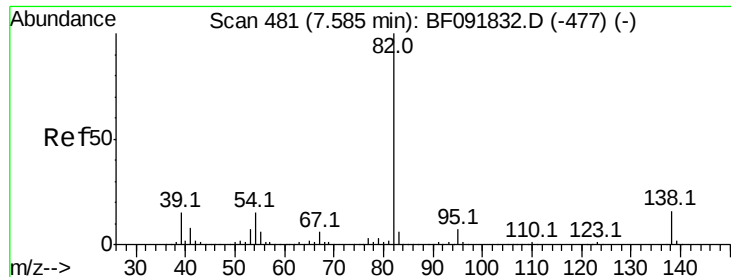


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.22 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

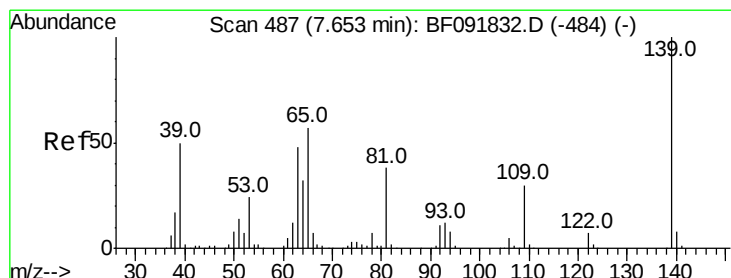
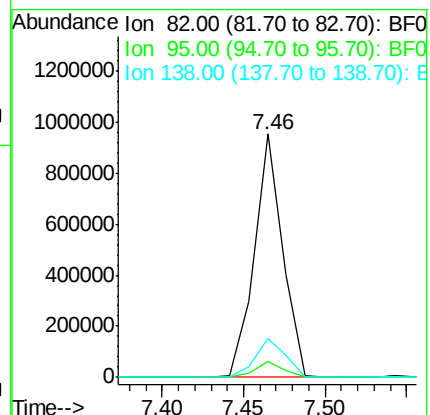
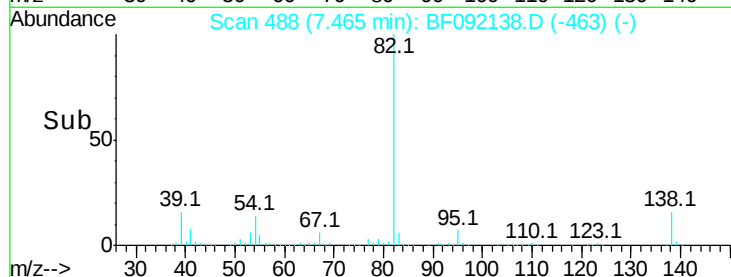
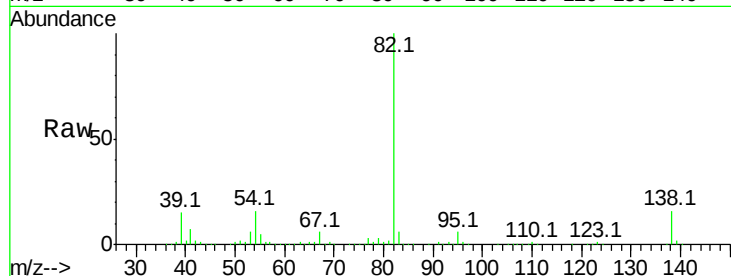
Tot Ion: 82 Resp: 1149063

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 15.9 14.6 22.0



#26

2-Nitrophenol

Concen: 47.26 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

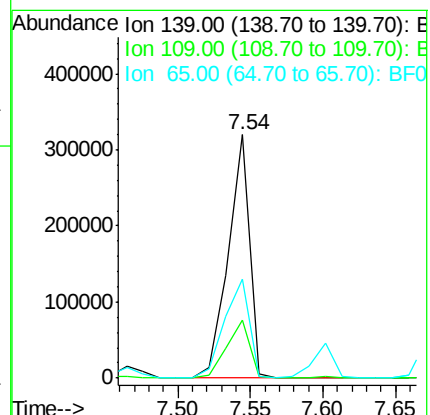
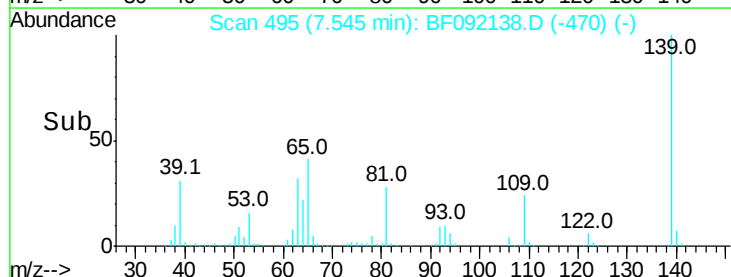
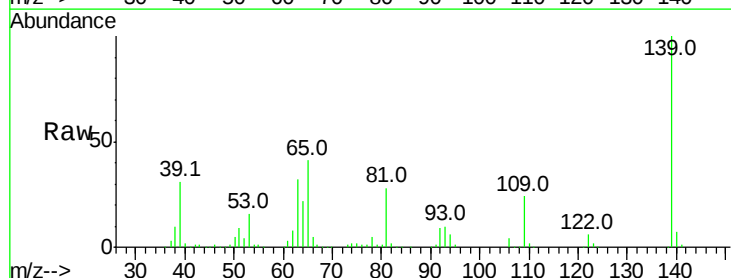
Tgt Ion: 139 Resp: 327405

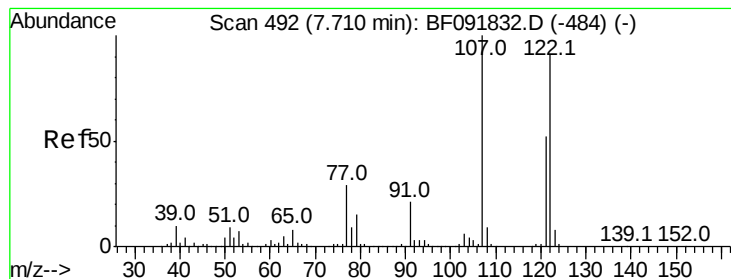
Ion Ratio Lower Upper

139 100

109 23.8 23.3 34.9

65 40.8 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 40.91 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

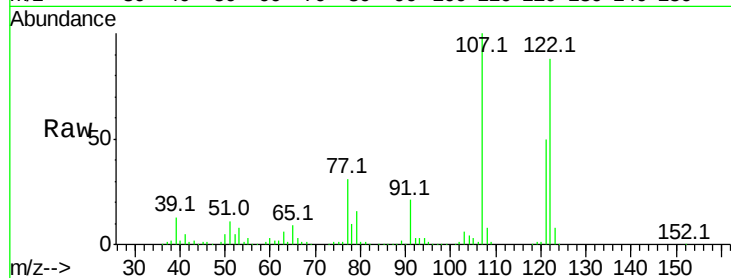
Tot Ion:122 Resp: 470044

Ion Ratio Lower Upper

122 100

107 114.0 94.1 141.1

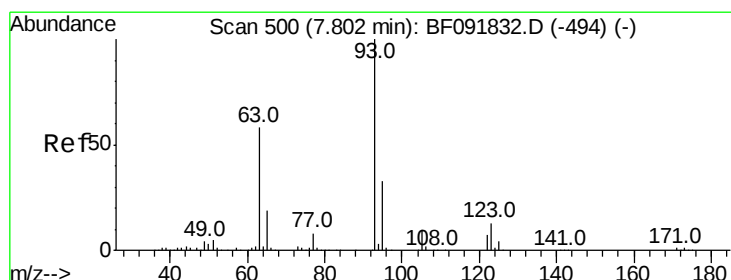
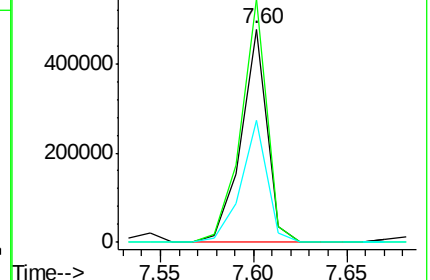
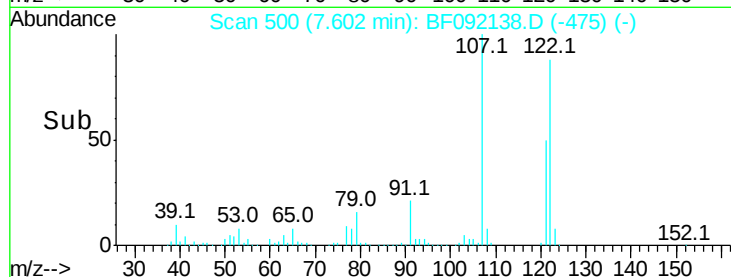
121 57.1 46.0 69.0



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: 41.18 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

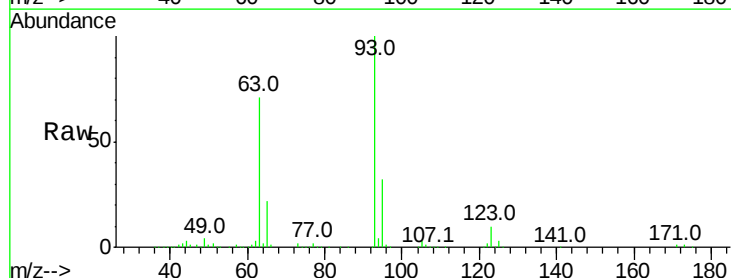
Tgt Ion: 93 Resp: 607707

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

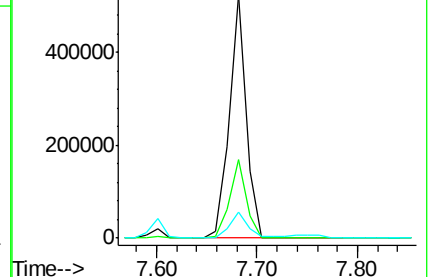
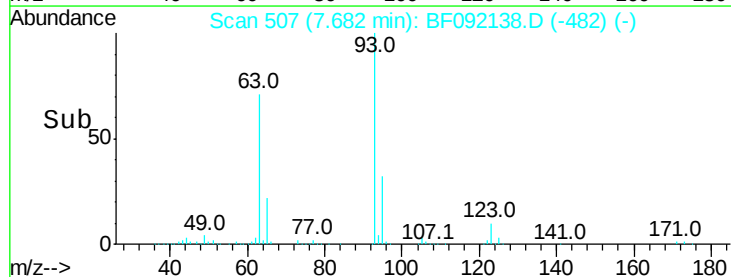
123 10.4 8.6 13.0

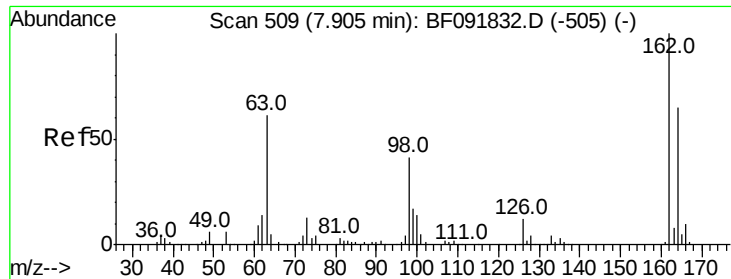


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

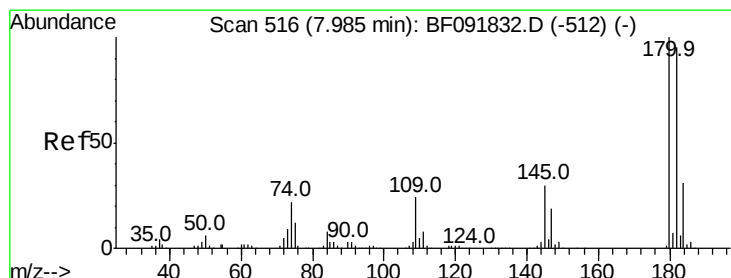
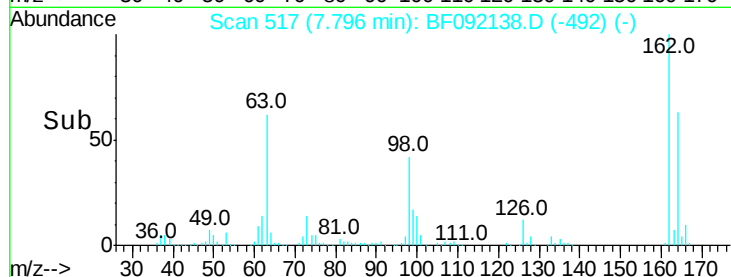
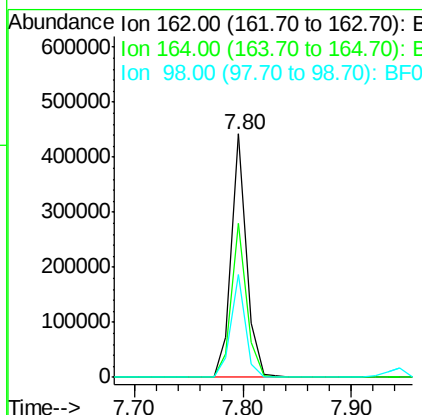
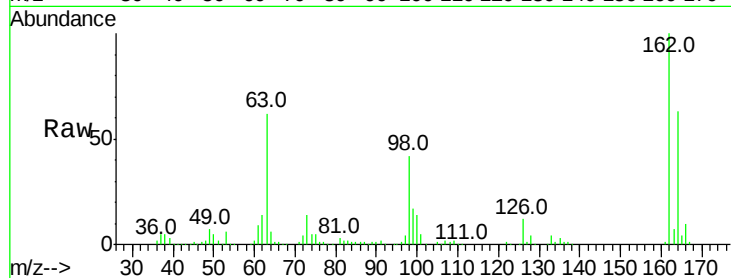




#29
 2,4-Dichlorophenol
 Concen: 44.03 ng
 RT: 7.80 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

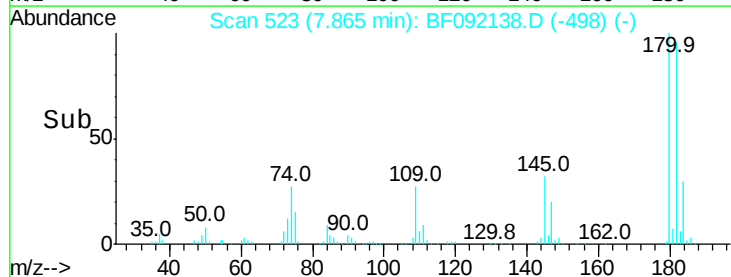
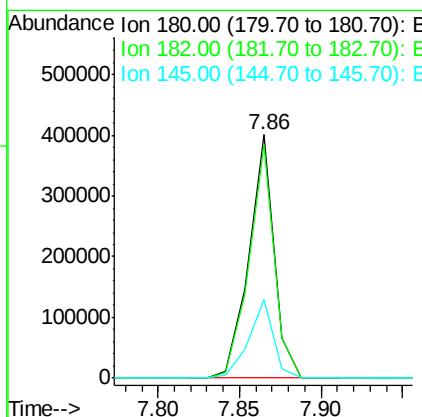
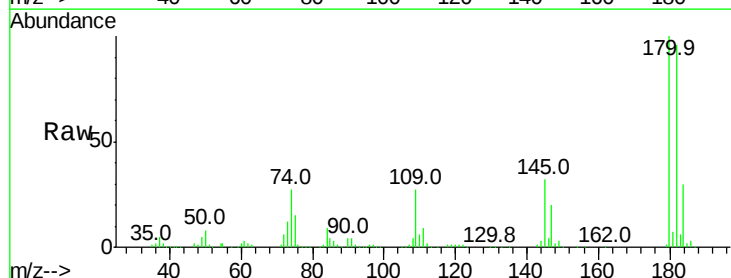
Instrument :
 BNA_F
 ClientSampled :

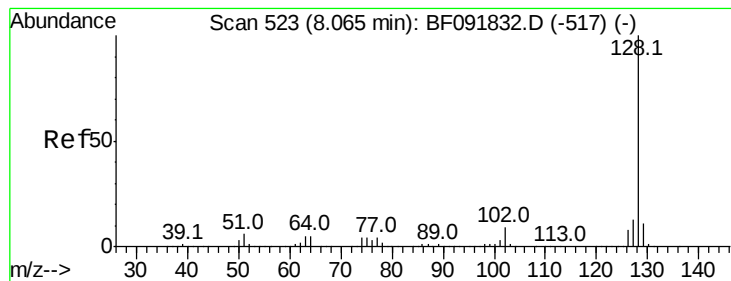
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.8	86.8
98	42.0	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.24 ng
 RT: 7.86 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.2	117.4
145	32.1	21.6	32.4





#31

Naphthalene

Concen: 44.89 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

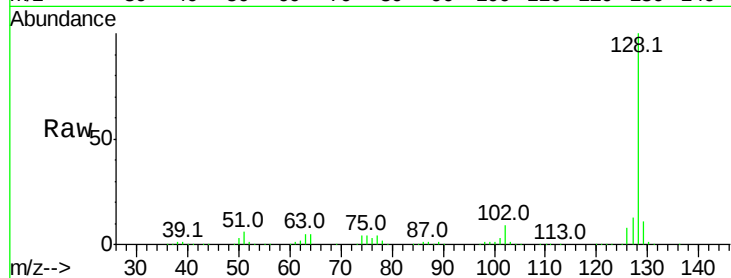
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1506727

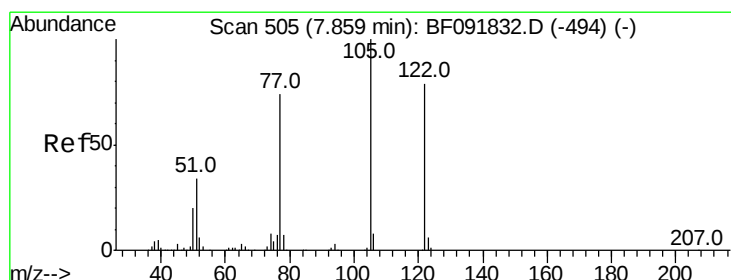
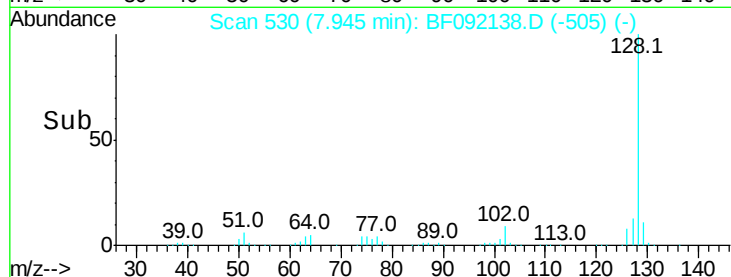
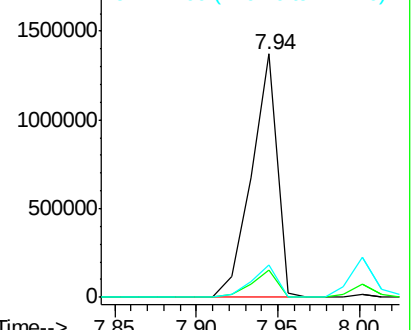
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.3	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.56 ng

RT: 7.75 min Scan# 513

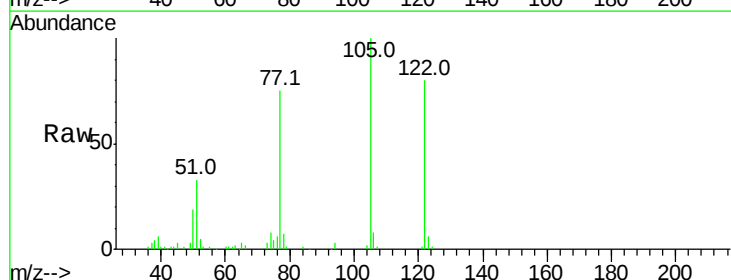
Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Tgt Ion:122 Resp: 268975

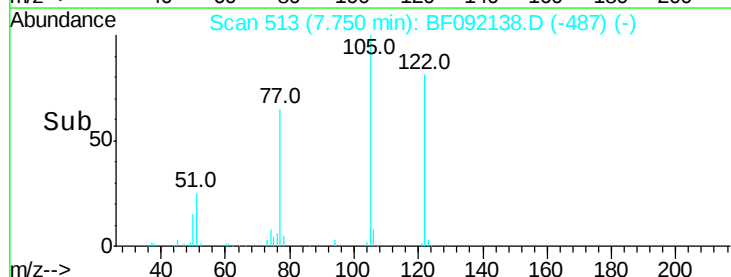
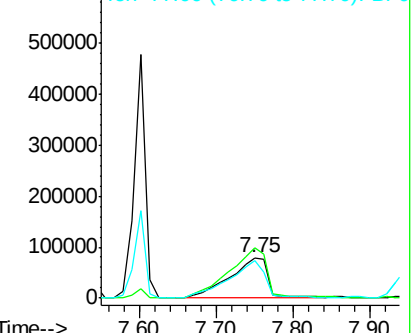
Ion	Ratio	Lower	Upper
122	100		
105	124.4	107.2	147.2
77	93.7	74.5	114.5

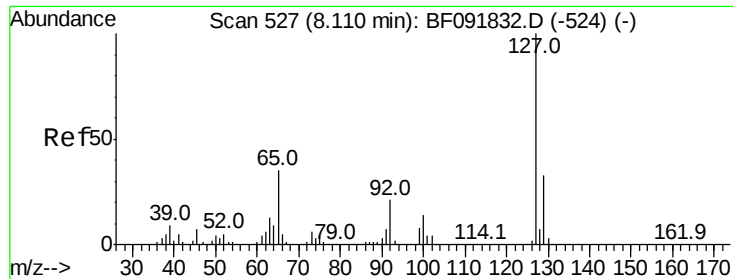


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

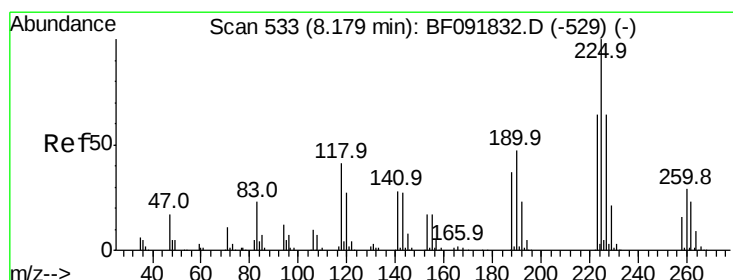
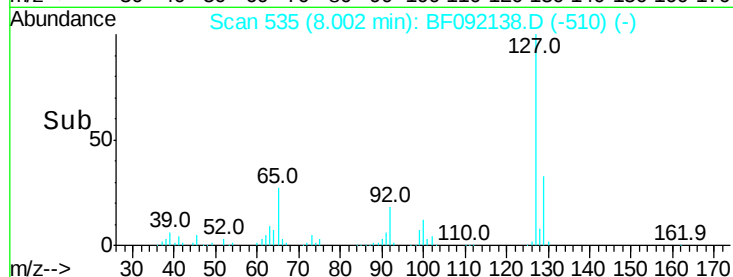
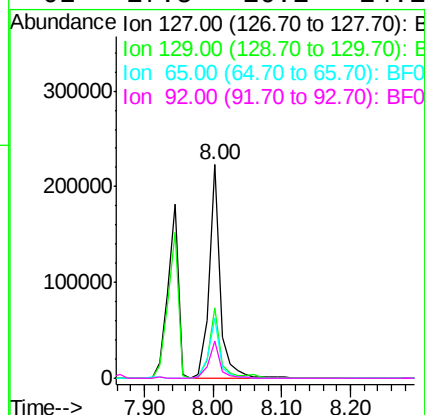
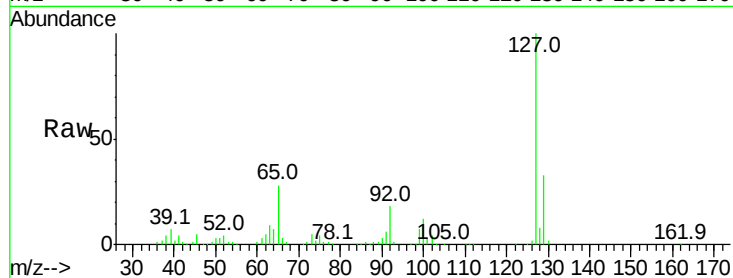




#33
4-Chloroaniline
Concen: 16.57 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

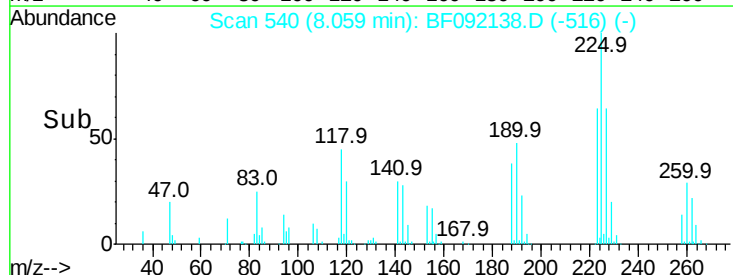
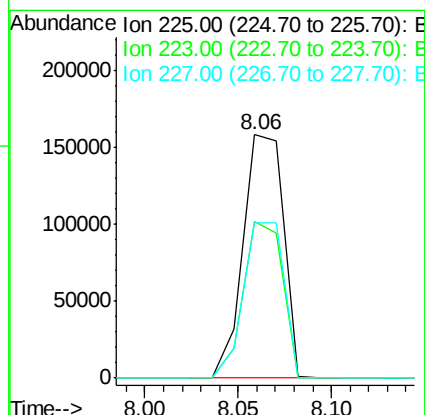
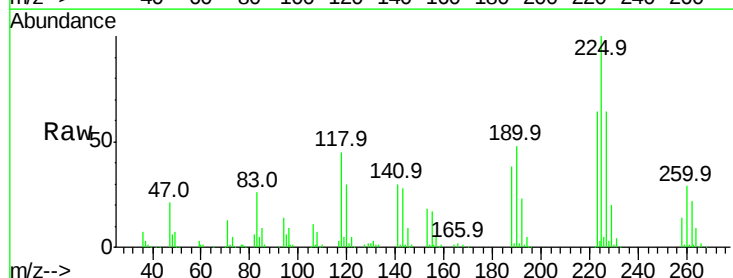
Instrument :
BNA_F
ClientSampleId :

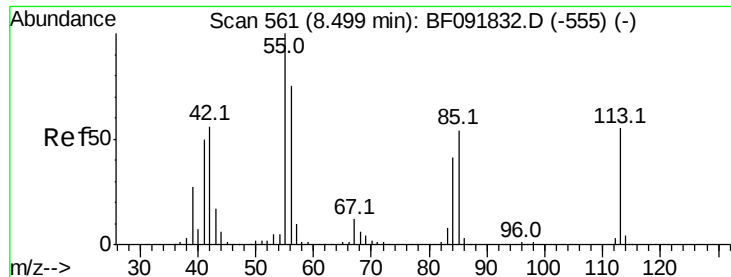
Tot Ion:	127	Resp:	250773
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	28.0	25.8	38.8
92	17.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.03 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion:	225	Resp:	236518
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	63.8	50.6	76.0





#35

Caprolactam

Concen: 27.79 ng

RT: 8.38 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampled :

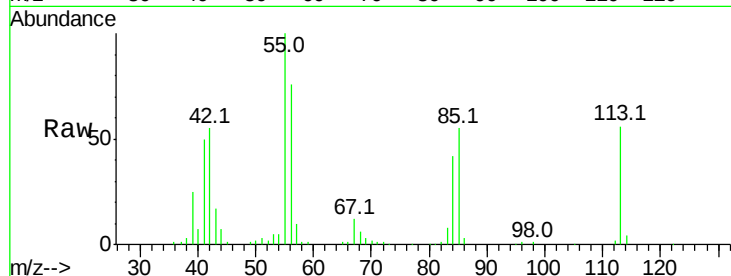
Tot Ion:113 Resp: 88853

Ion Ratio Lower Upper

113 100

55 177.5 119.2 159.2#

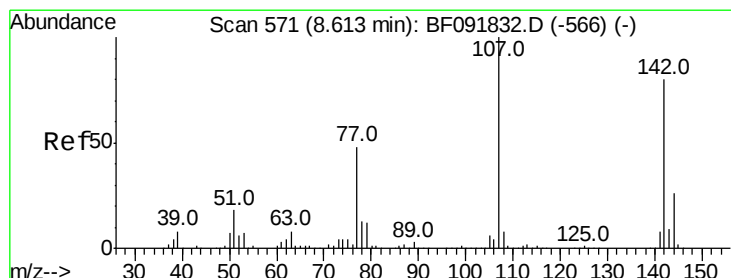
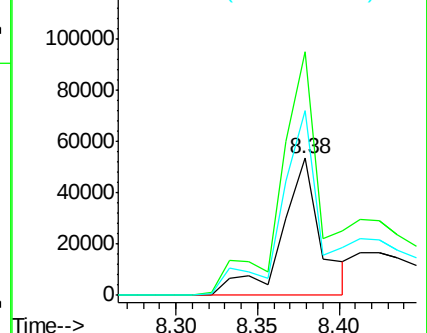
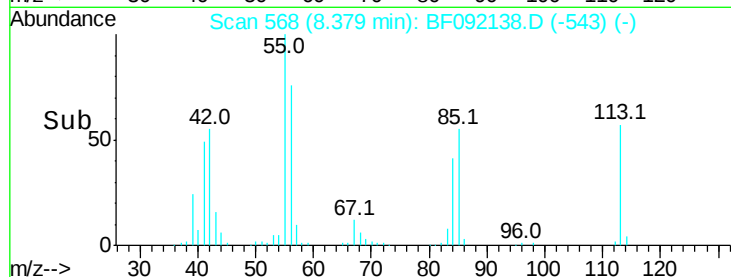
56 134.5 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.78 ng

RT: 8.52 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

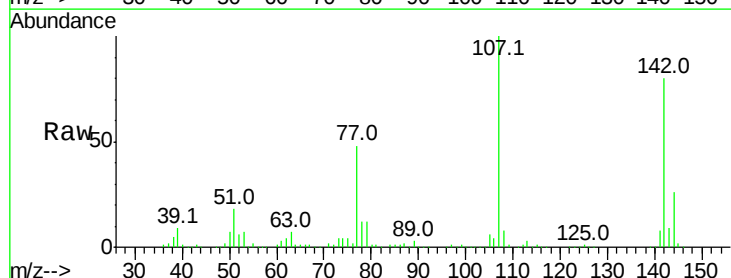
Tgt Ion:107 Resp: 490131

Ion Ratio Lower Upper

107 100

144 25.9 19.3 28.9

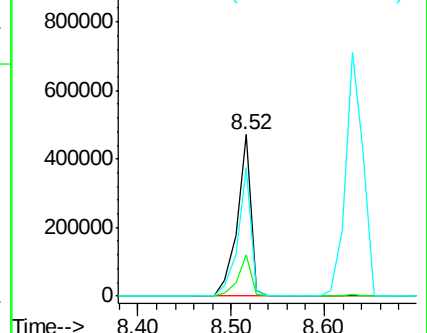
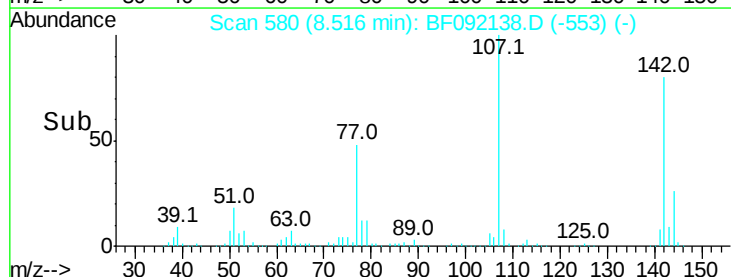
142 79.8 59.0 88.6

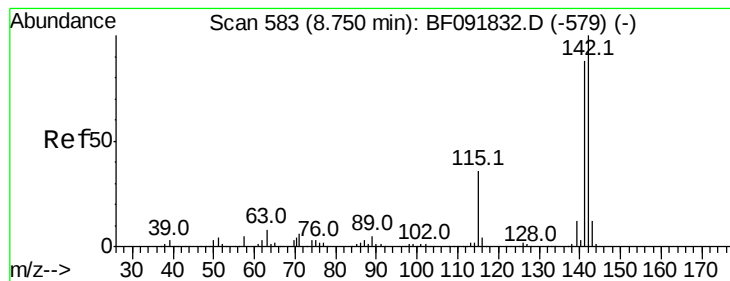


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.82 ng

RT: 8.63 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

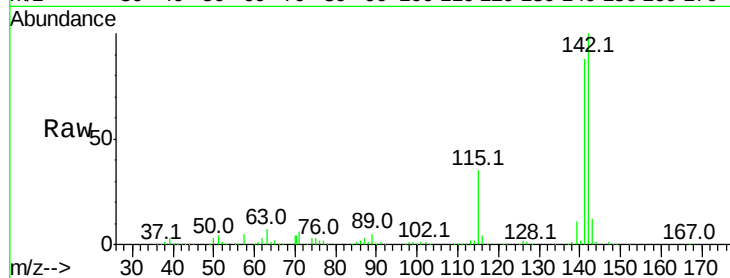
Tot Ion:142 Resp: 926061

Ion Ratio Lower Upper

142 100

141 87.5 71.0 106.6

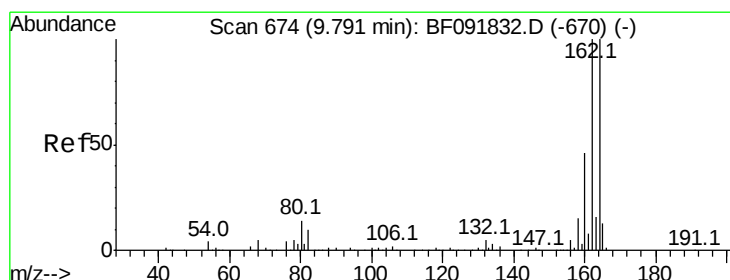
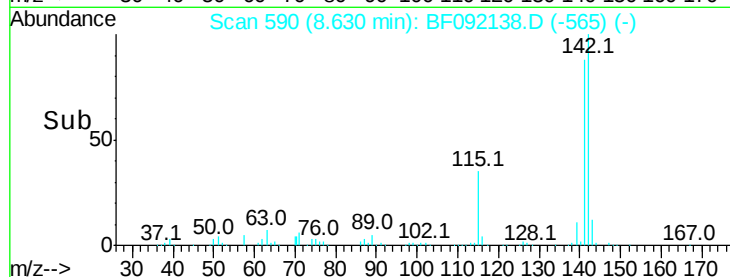
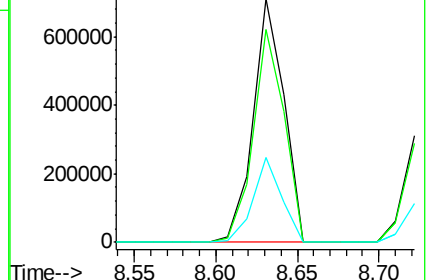
115 34.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

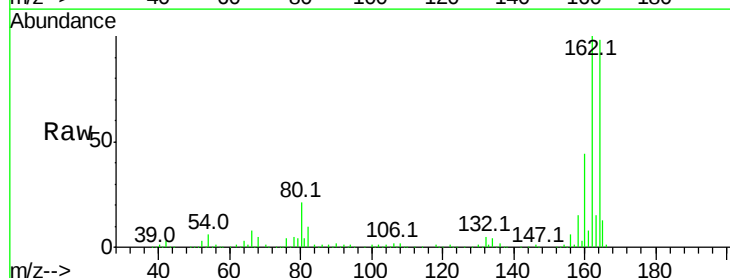
Tgt Ion:164 Resp: 374734

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

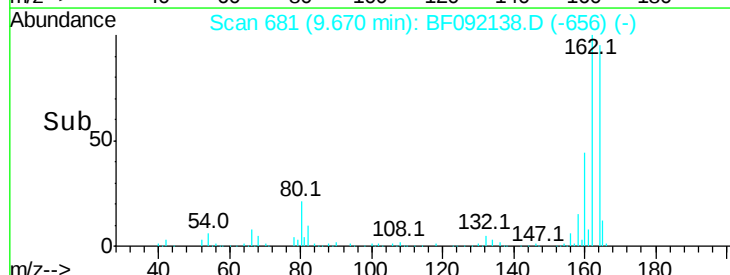
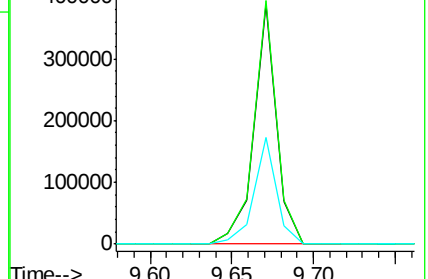
160 44.4 36.9 55.3

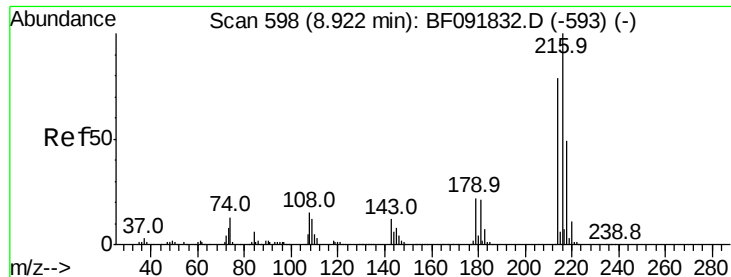


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.24 ng

RT: 8.80 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 380994

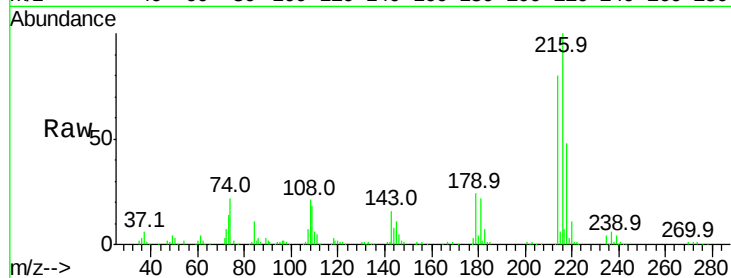
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.0

179 22.8 17.4 26.2

108 23.8 15.6 23.4#

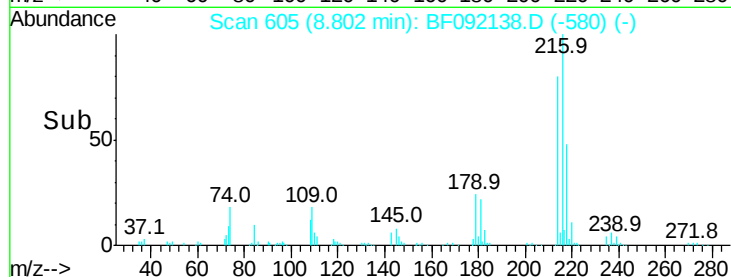


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

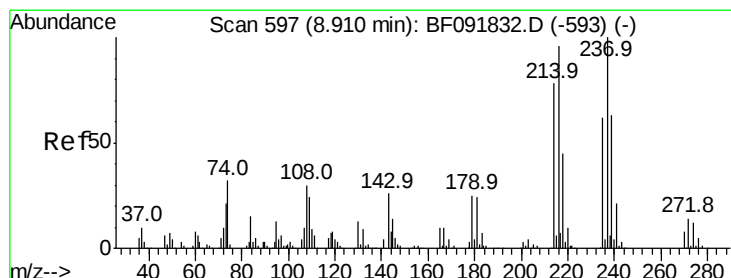
Ion 216.00 (215.70 to 216.70): E

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

Time-->



#40

Hexachlorocyclopentadiene

Concen: 78.09 ng

RT: 8.79 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

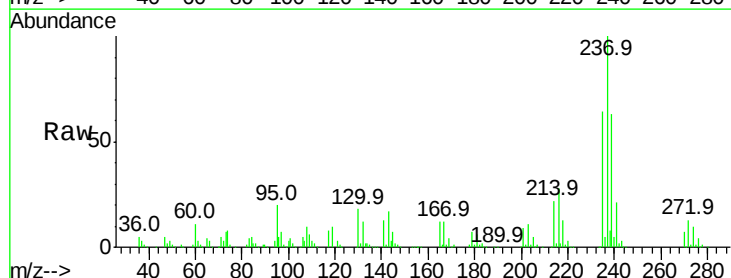
Tgt Ion:237 Resp: 328825

Ion Ratio Lower Upper

237 100

235 64.2 41.2 81.2

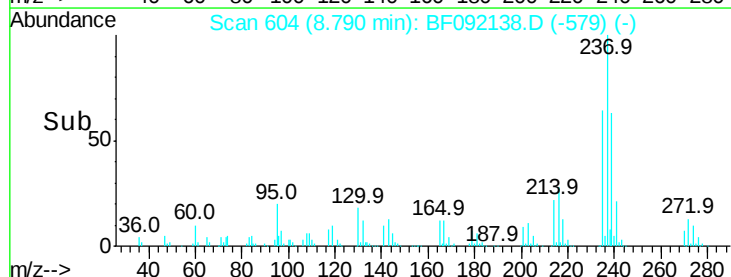
272 13.1 0.0 35.4



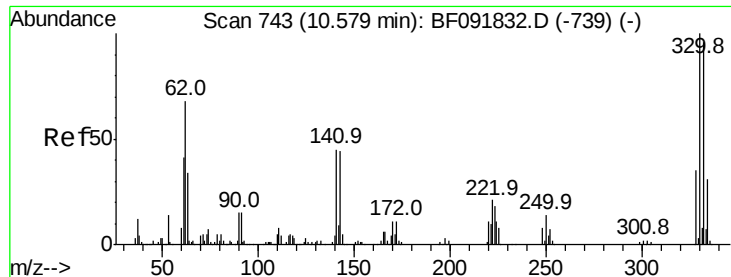
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



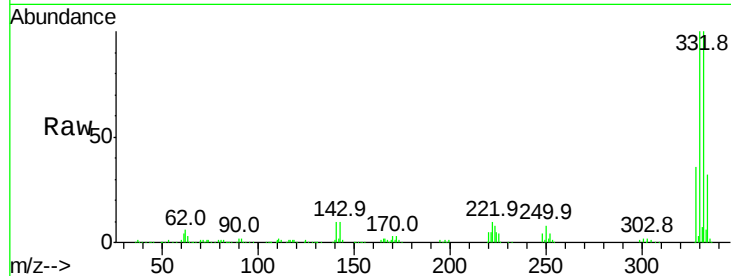
Time-->



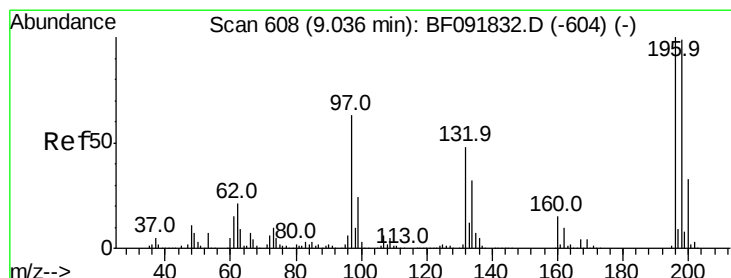
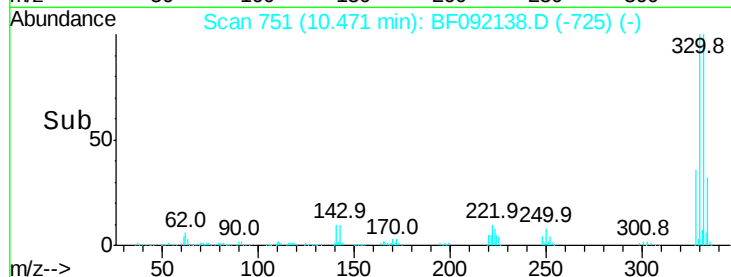
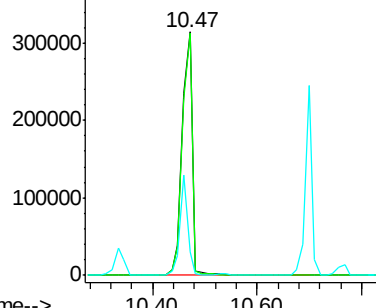
#41
 2,4,6-Tribromophenol
 Concen: 136.67 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 423831
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 31.6 34.1 51.1#

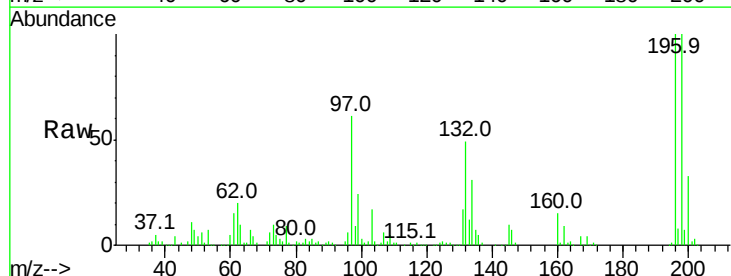


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

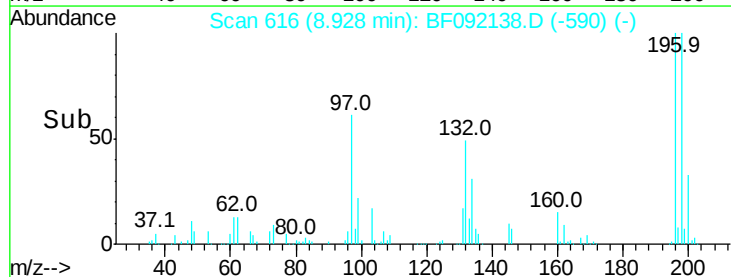
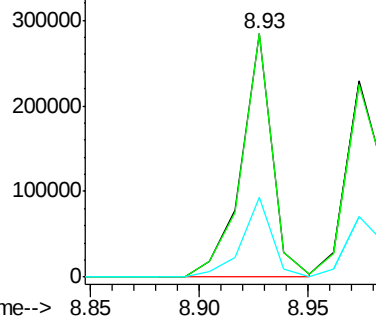


#42
 2,4,6-Trichlorophenol
 Concen: 42.74 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Tgt Ion:196 Resp: 283010
 Ion Ratio Lower Upper
 196 100
 198 99.9 82.1 123.1
 200 32.8 27.0 40.4



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

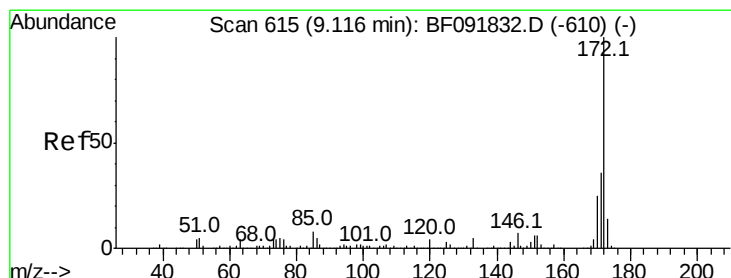
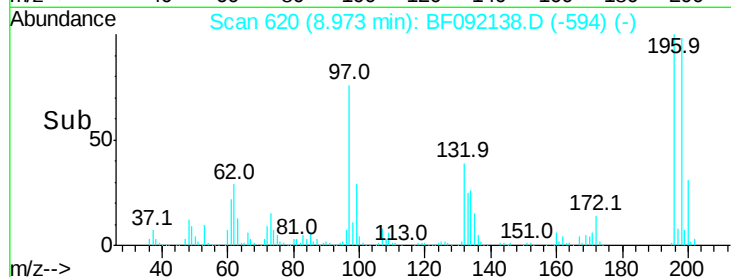
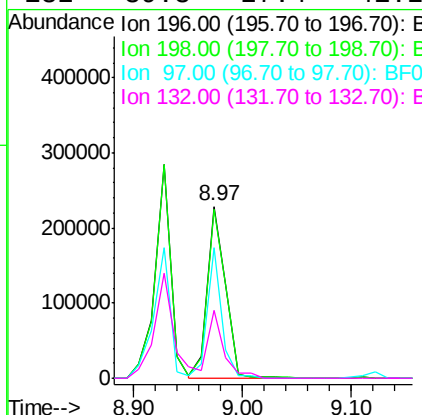
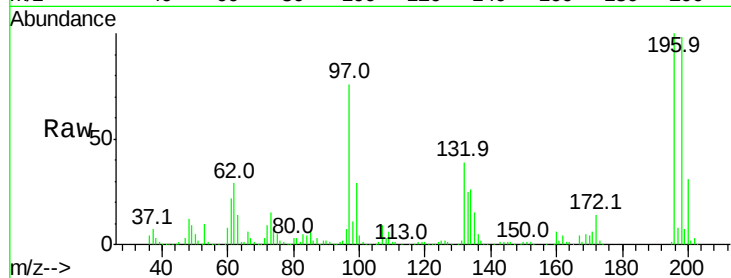




#43
 2,4,5-Trichlorophenol
 Concen: 39.30 ng
 RT: 8.97 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

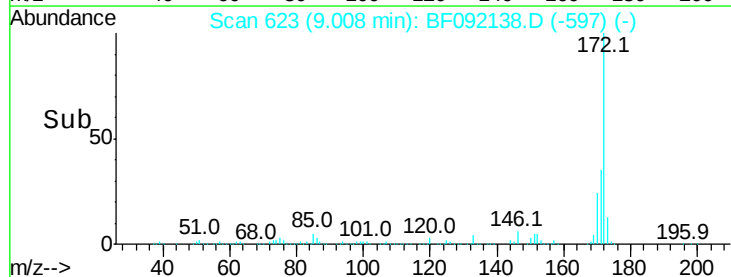
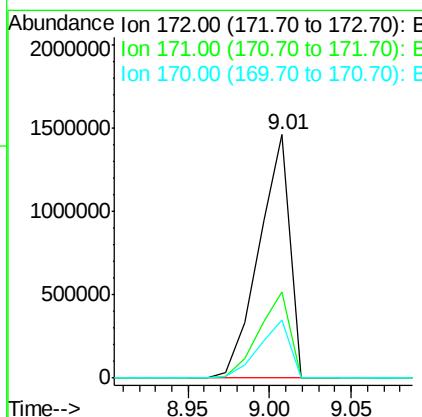
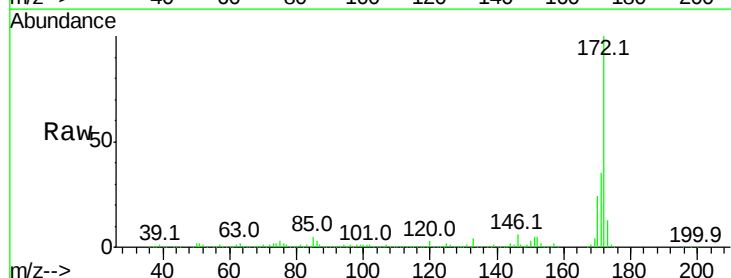
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	267779
Ion	Ratio	Lower	Upper
196	100		
198	98.3	79.4	119.2
97	76.3	51.5	77.3
132	39.3	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 107.87 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Tgt Ion:	172	Resp:	1909382
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	24.0	20.2	30.4





#45

1,1'-Biphenyl

Concen: 42.11 ng

RT: 9.10 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampled :

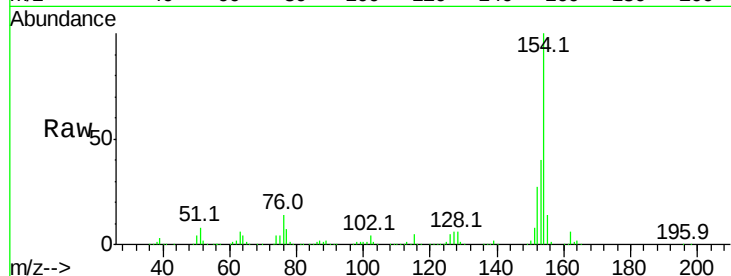
Tot Ion:154 Resp: 1080367

Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

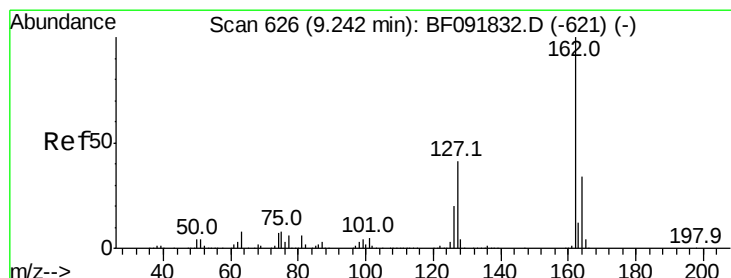
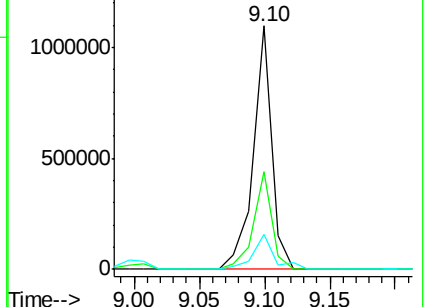
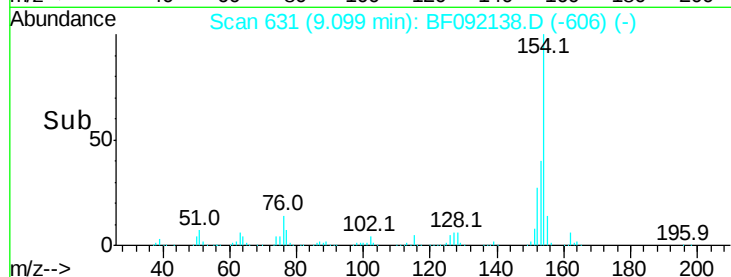
76 14.3 0.0 30.5



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: 42.39 ng

RT: 9.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

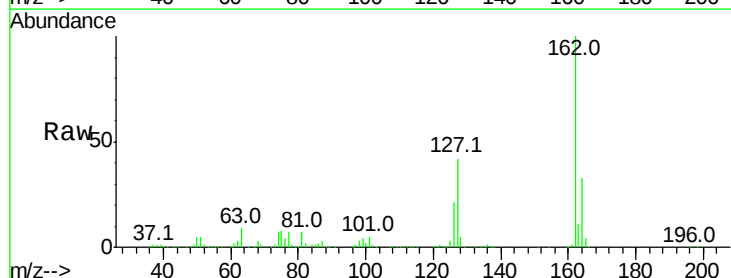
Tgt Ion:162 Resp: 861325

Ion Ratio Lower Upper

162 100

127 42.4 30.7 46.1

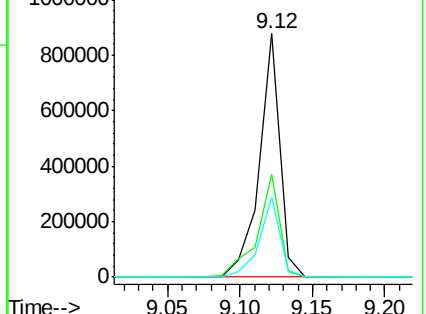
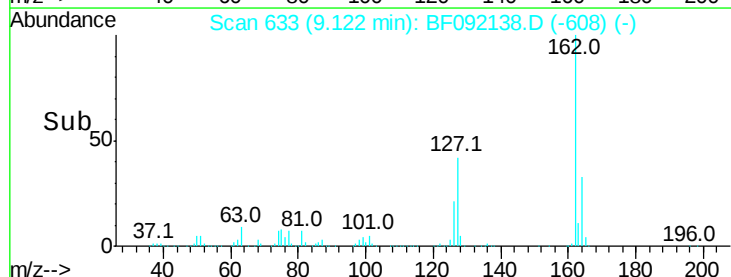
164 33.0 27.6 41.4

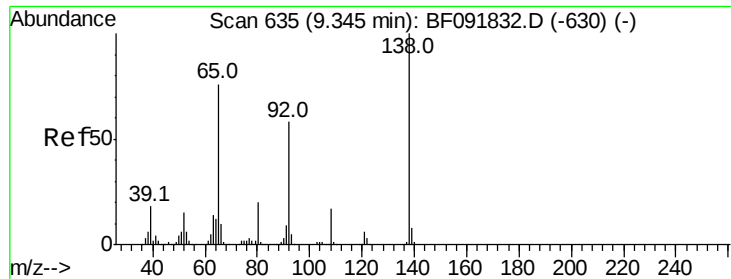


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

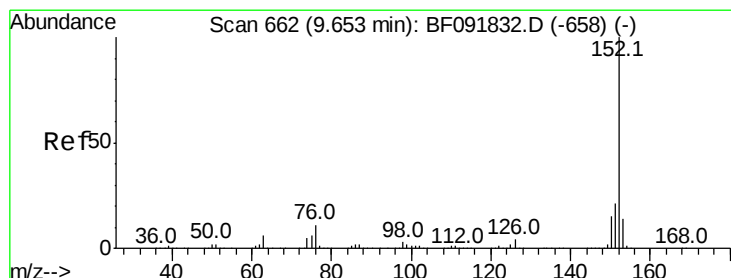
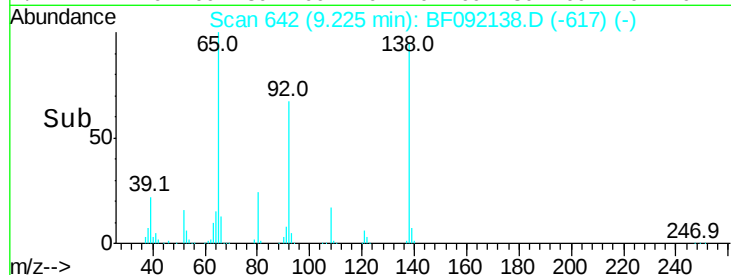
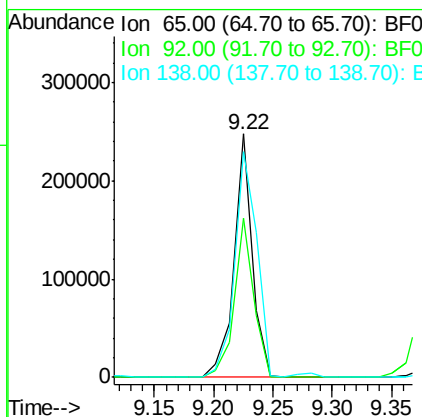
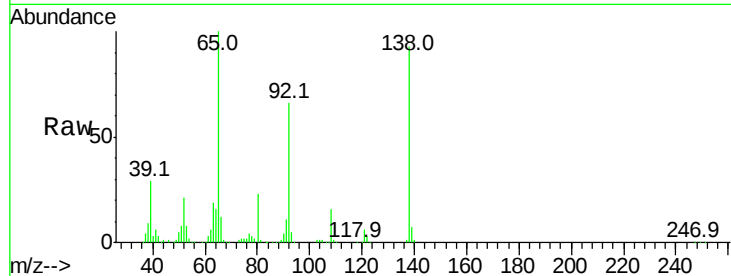




#47
2-Nitroaniline
Concen: 36.66 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

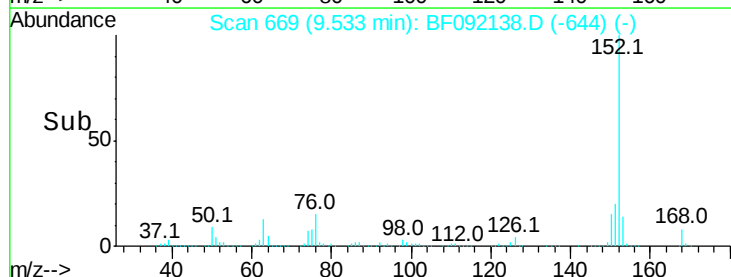
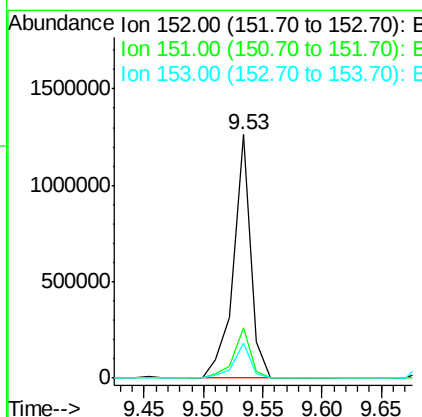
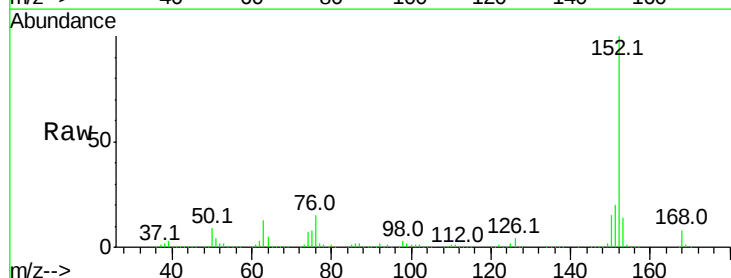
Instrument :
BNA_F
ClientSampleId :

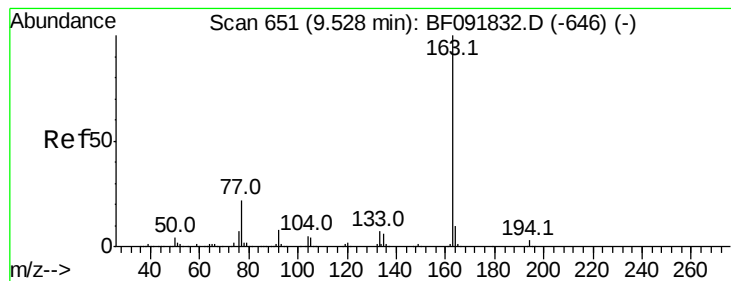
Tot Ion: 65 Resp: 265236
Ion Ratio Lower Upper
65 100
92 65.5 53.9 80.9
138 92.8 76.8 115.2



#48
Acenaphthylene
Concen: 40.88 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion: 152 Resp: 1277573
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.1 11.4 17.2





#49

Dimethylphthalate

Concen: 64.88 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

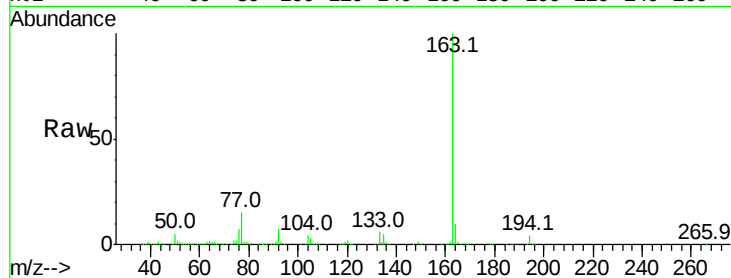
Tot Ion:163 Resp: 1555119

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

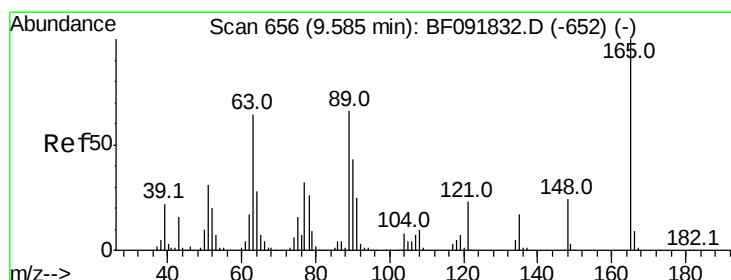
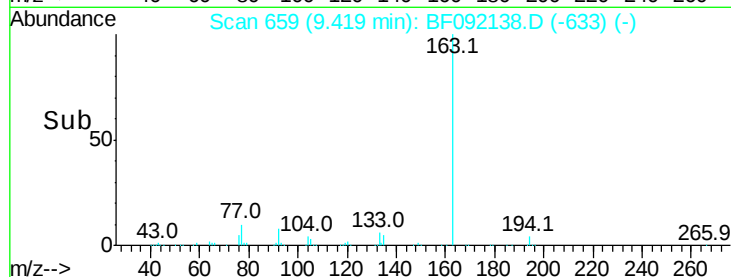
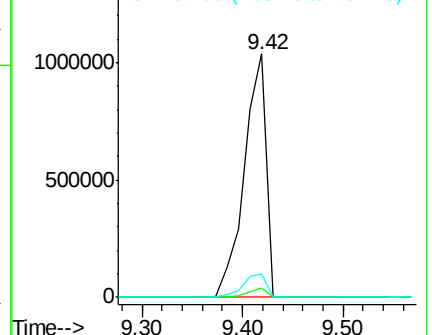
164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.87 ng

RT: 9.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

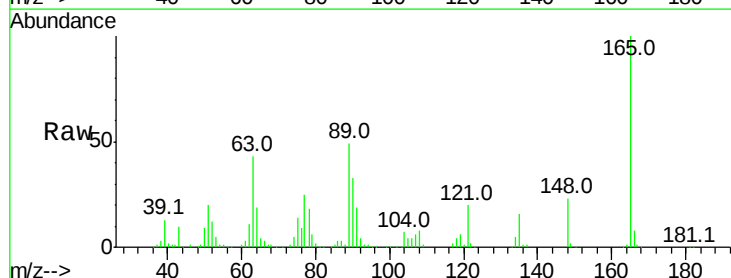
Tgt Ion:165 Resp: 256356

Ion Ratio Lower Upper

165 100

63 42.7 36.2 54.4

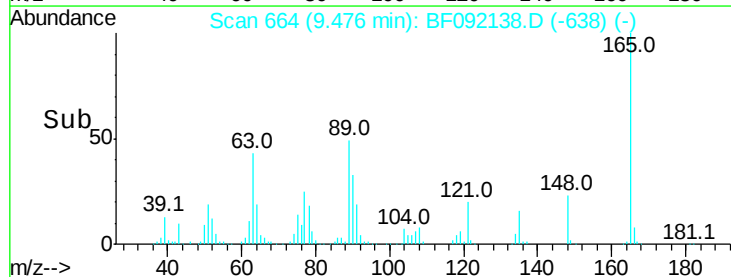
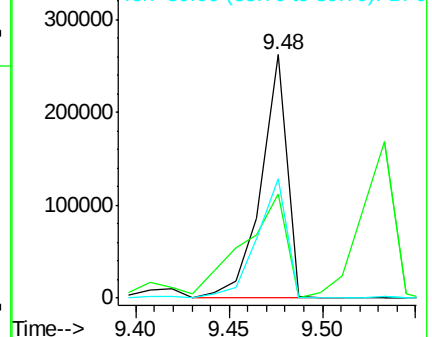
89 49.0 40.2 60.4

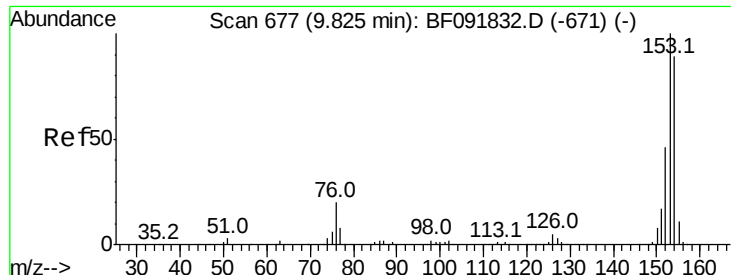


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.45 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

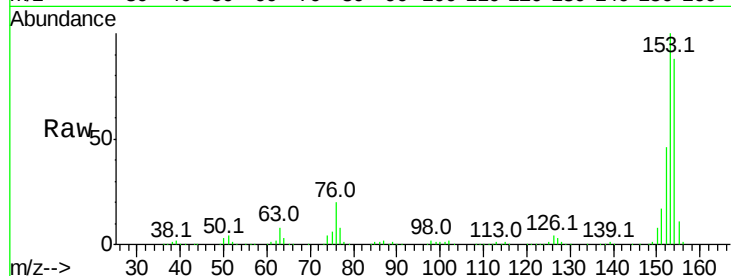
Tot Ion:154 Resp: 814650

Ion Ratio Lower Upper

154 100

153 113.6 88.6 133.0

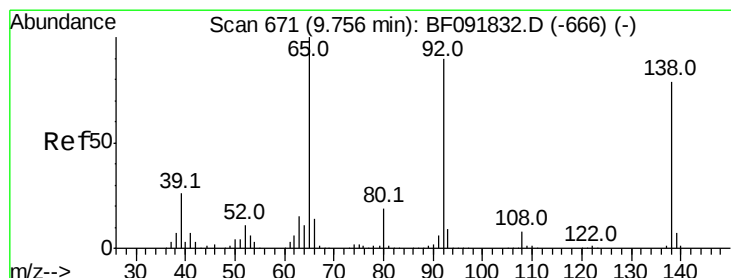
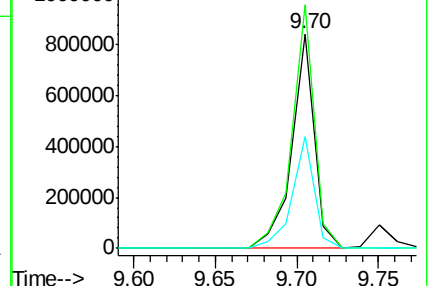
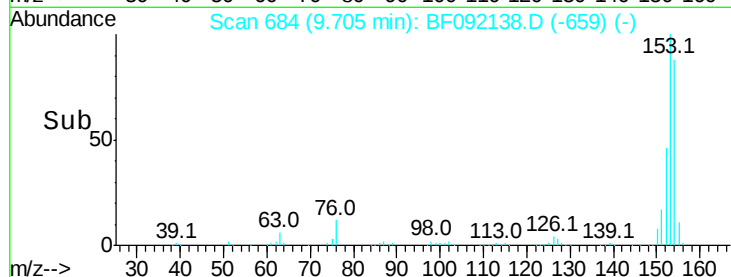
152 51.9 41.6 62.4



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: 21.35 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

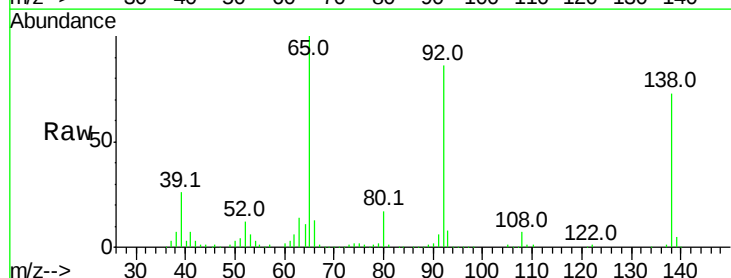
Tgt Ion:138 Resp: 138628

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

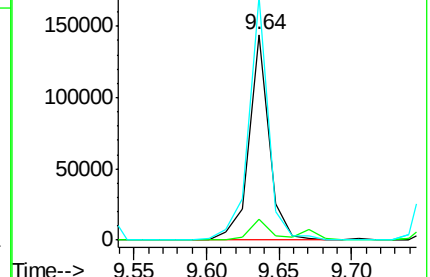
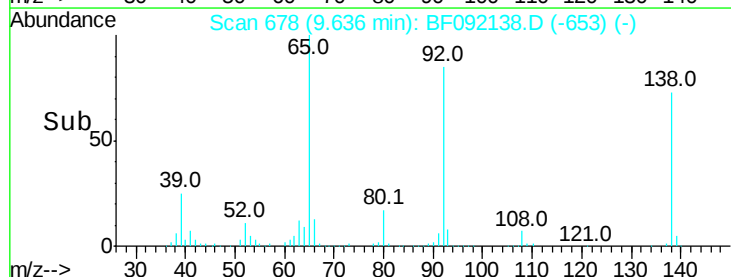
92 118.3 97.8 146.8



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

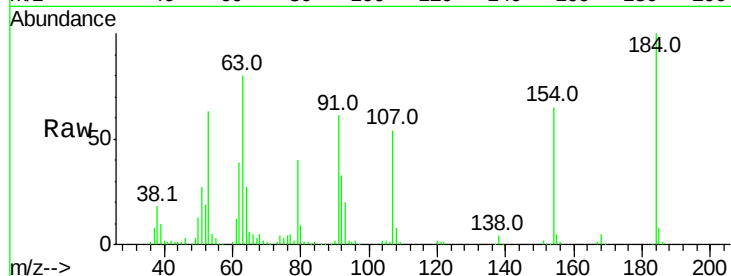




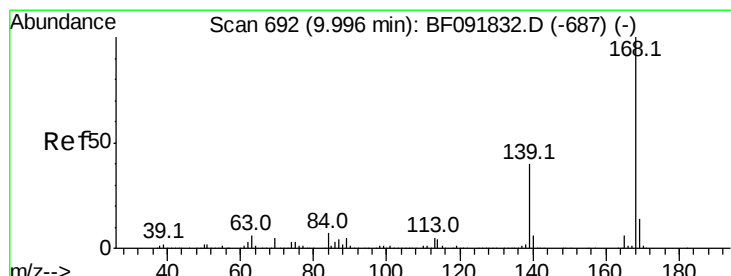
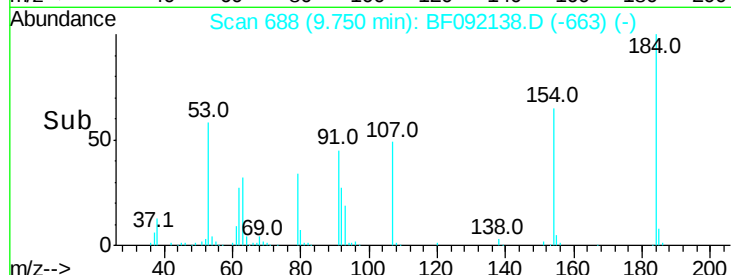
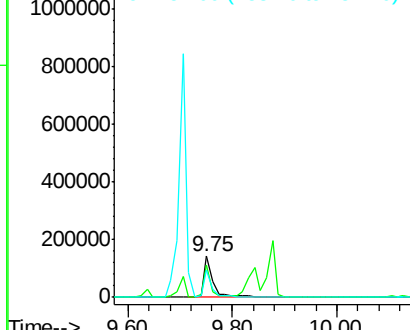
#53
 2,4-Dinitrophenol
 Concen: 63.64 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 185750
 Ion Ratio Lower Upper
 184 100
 63 80.1 28.4 42.6#
 154 65.1 44.3 66.5

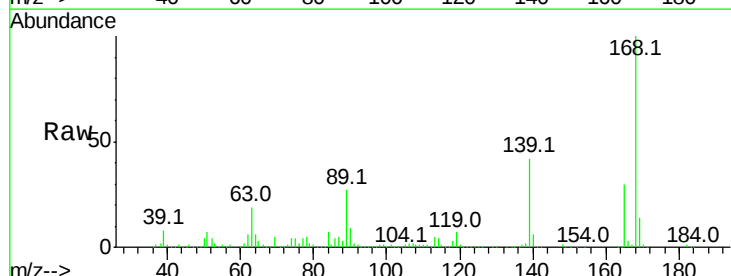


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

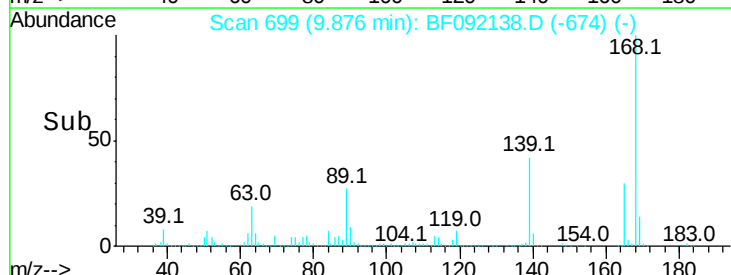
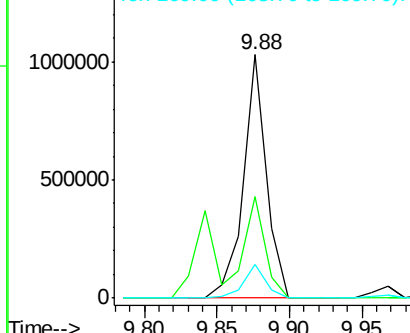


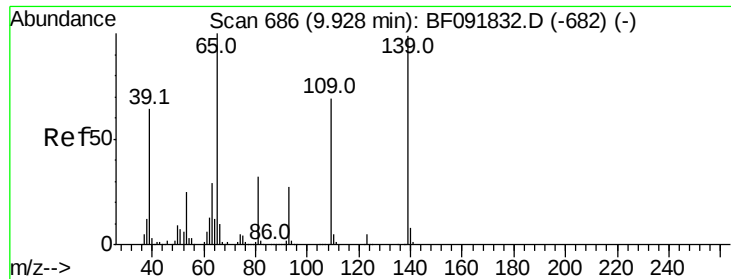
#54
 Dibenzofuran
 Concen: 39.37 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Tgt Ion:168 Resp: 1126516
 Ion Ratio Lower Upper
 168 100
 139 41.7 32.6 49.0
 169 13.9 11.3 16.9



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

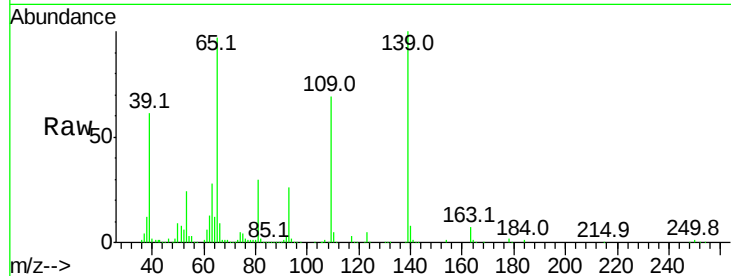




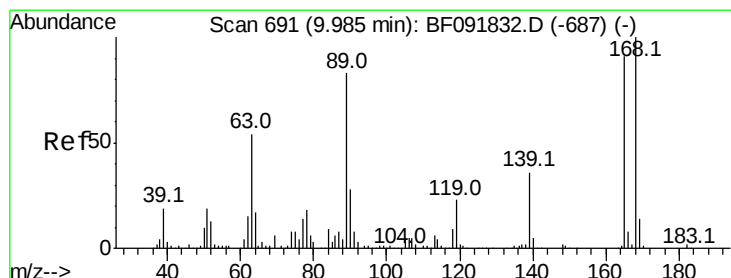
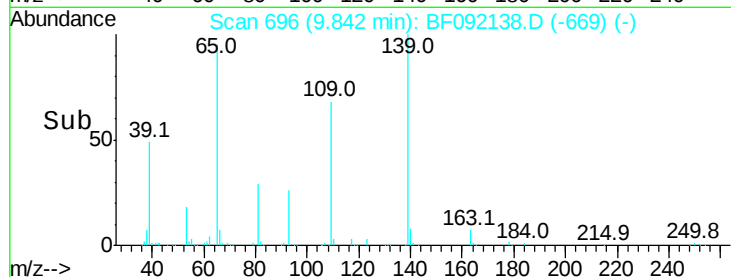
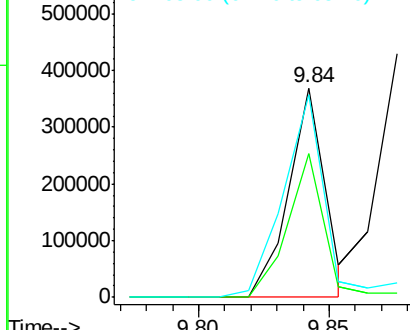
#55
4-Nitrophenol
Concen: 81.27 ng
RT: 9.84 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 358225
Ion Ratio Lower Upper
139 100
109 68.9 52.2 92.2
65 96.6 85.8 125.8

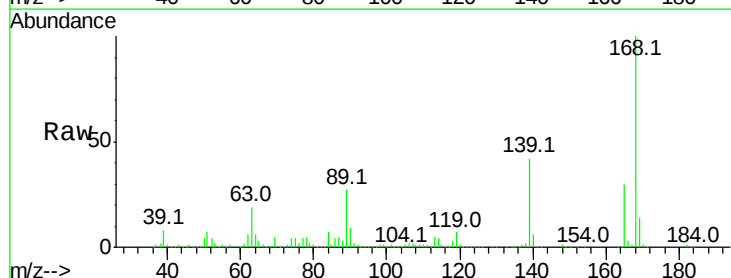


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

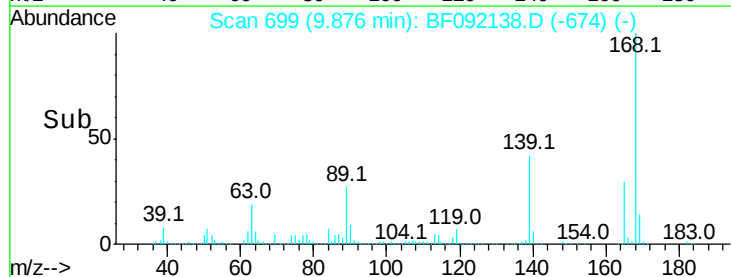
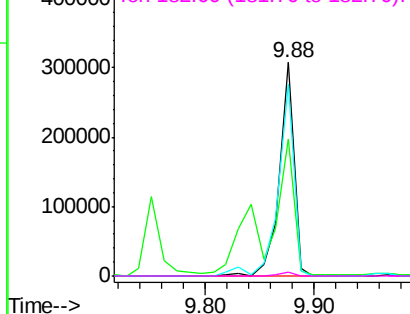


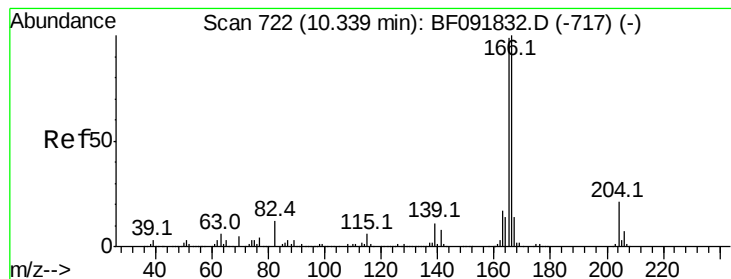
#56
2,4-Dinitrotoluene
Concen: 43.57 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion:165 Resp: 286900
Ion Ratio Lower Upper
165 100
63 64.4 40.2 60.4#
89 89.7 62.5 93.7
182 2.1 1.8 2.8



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: 42.29 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

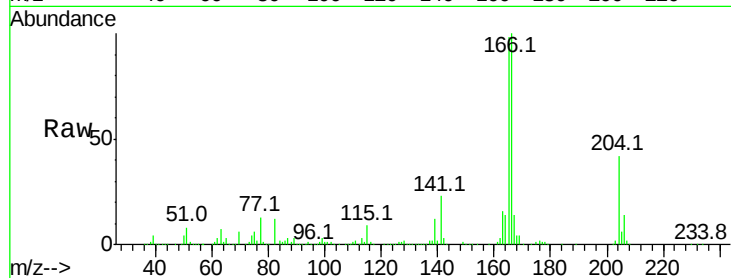
Tot Ion:166 Resp: 880402

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

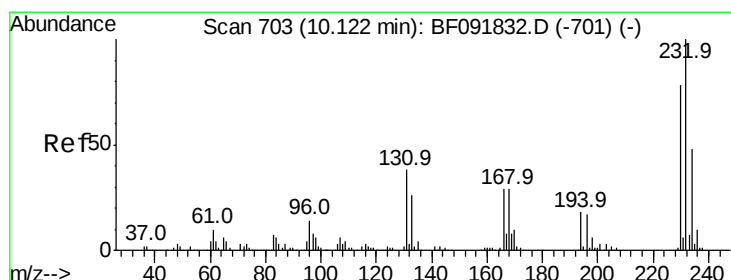
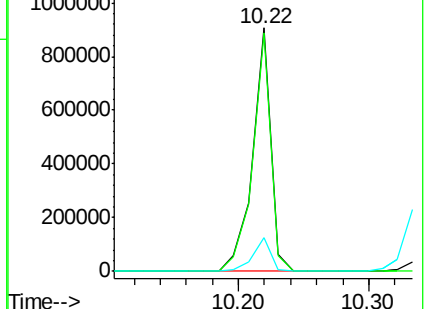
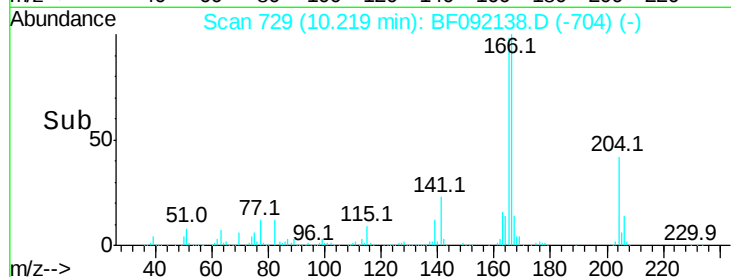
167 13.8 10.8 16.2



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: 41.97 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Tgt Ion:232 Resp: 226206

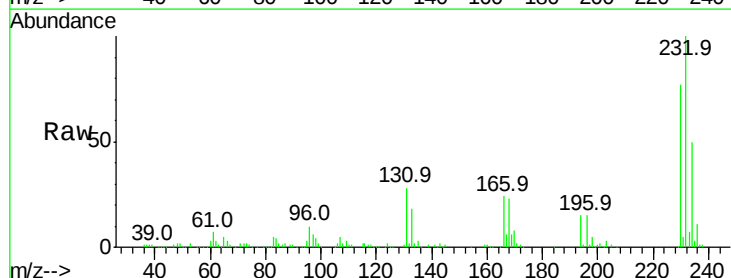
Ion Ratio Lower Upper

232 100

131 49.3 40.1 60.1

130 2.3 1.8 2.8

166 32.5 26.6 39.8

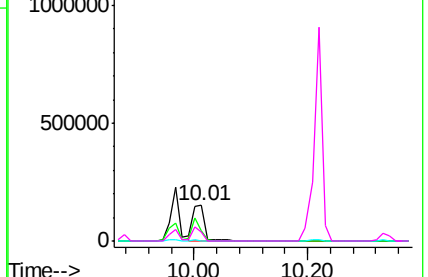
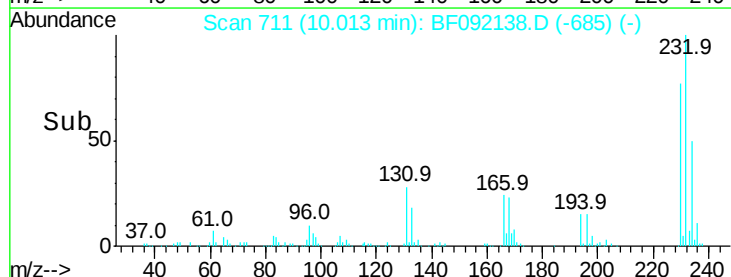


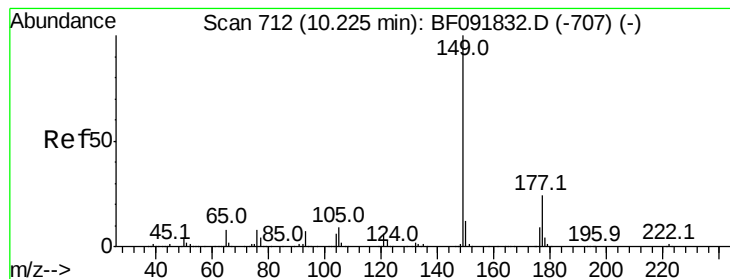
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.30 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampled :

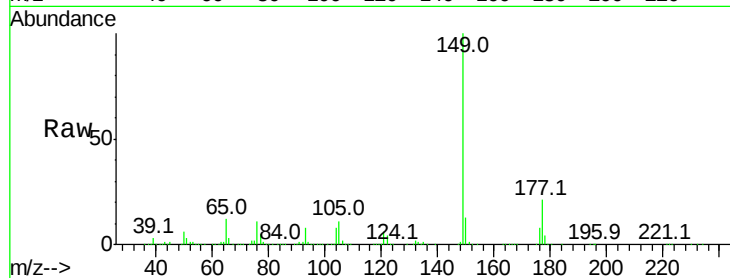
Tot Ion:149 Resp: 1007813

Ion Ratio Lower Upper

149 100

177 20.6 16.6 25.0

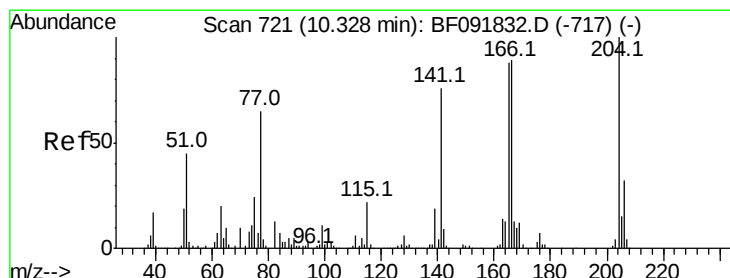
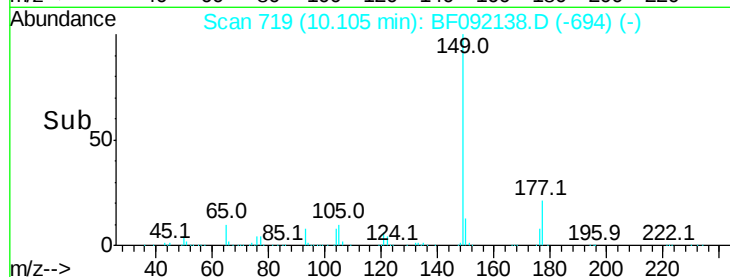
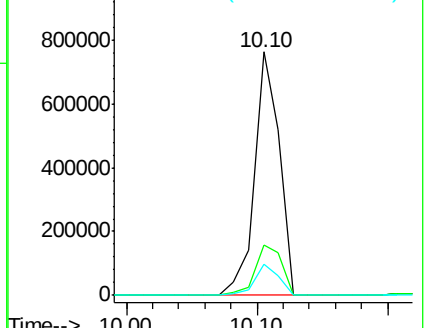
150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.10 ng

RT: 10.22 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

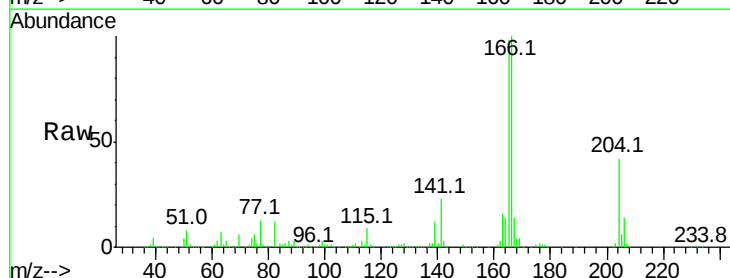
Tgt Ion:204 Resp: 420225

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

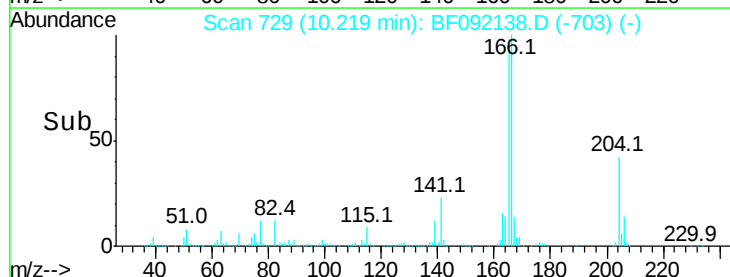
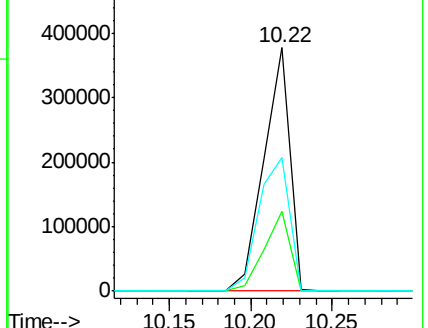
141 54.8 59.4 89.0#

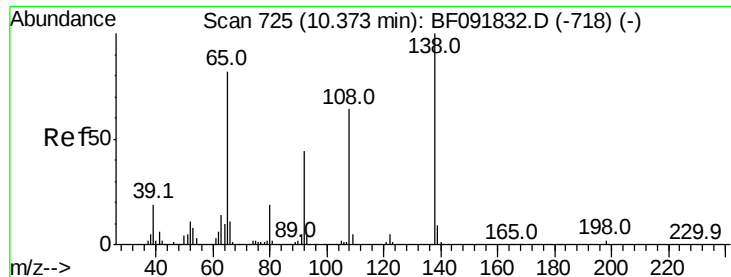


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

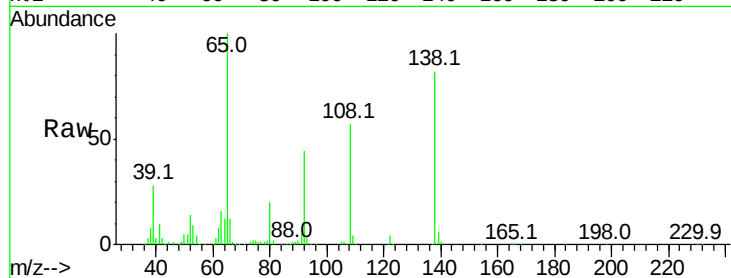




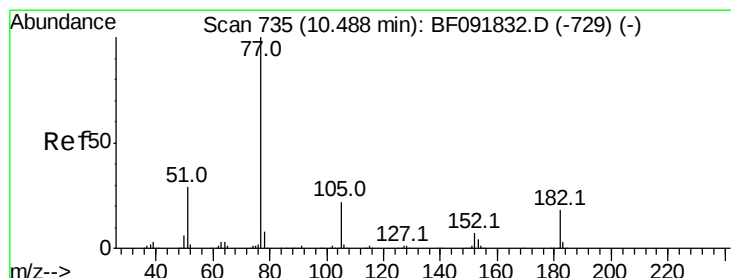
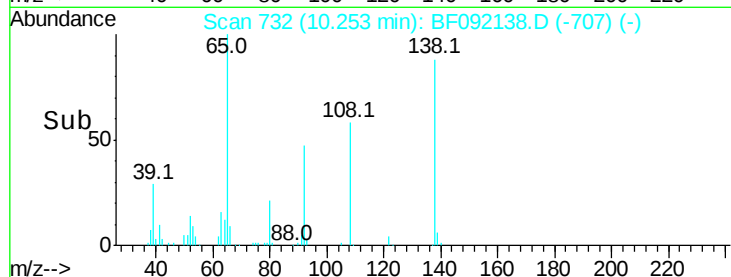
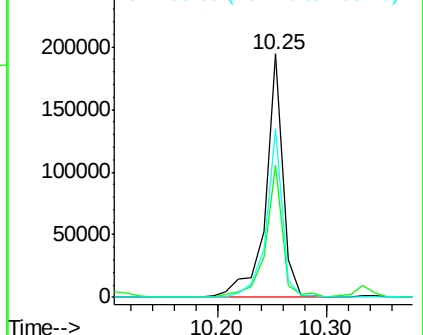
#61
4-Nitroaniline
Concen: 32.24 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 216906
Ion Ratio Lower Upper
138 100
92 54.1 31.7 71.7
108 69.3 52.6 92.6

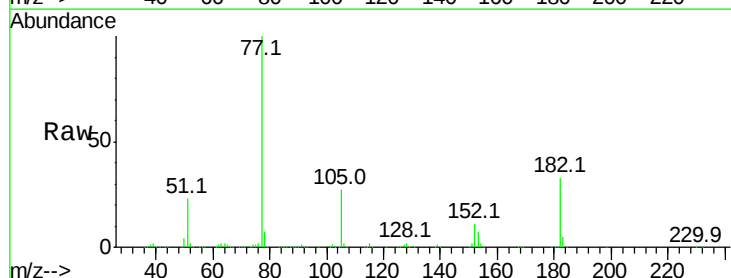


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

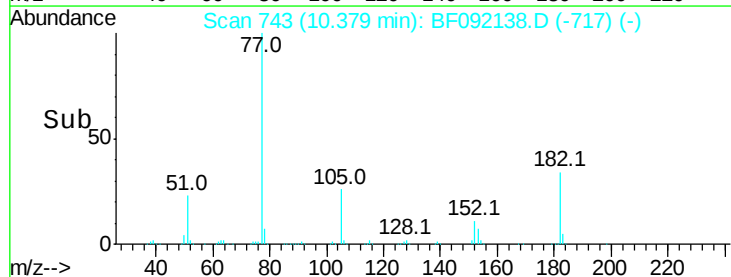
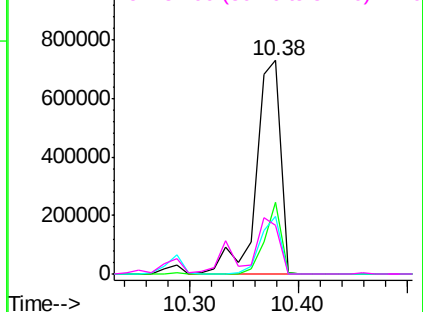


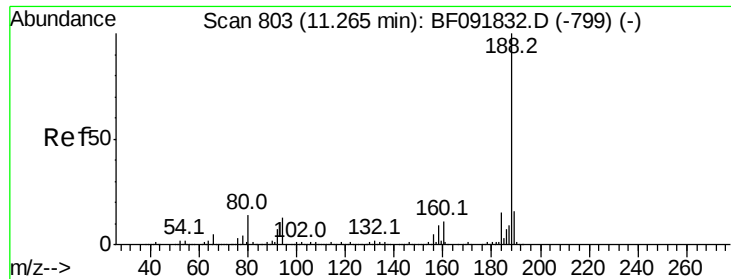
#62
Azobenzene
Concen: 44.91 ng
RT: 10.38 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion: 77 Resp: 1150814
Ion Ratio Lower Upper
77 100
182 33.4 0.0 39.3
105 26.8 2.3 42.3
51 23.0 8.9 48.9



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

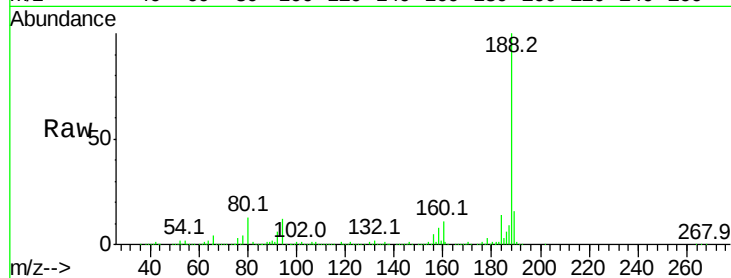




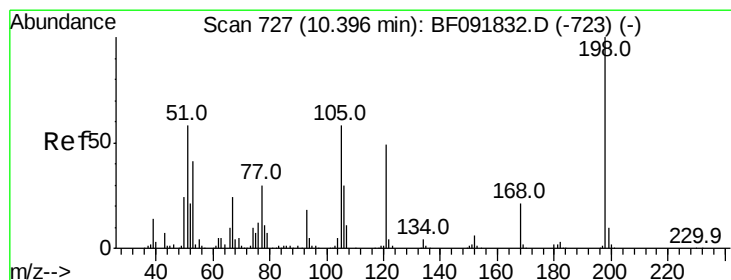
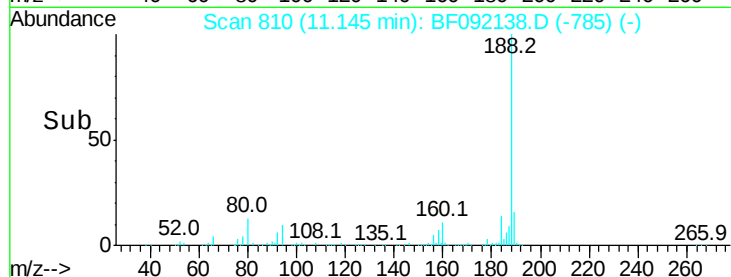
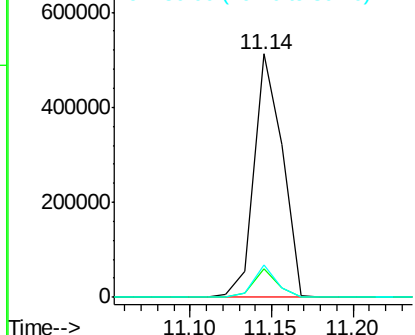
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 616981
Ion Ratio Lower Upper
188 100
94 11.6 10.0 15.0
80 13.4 11.2 16.8

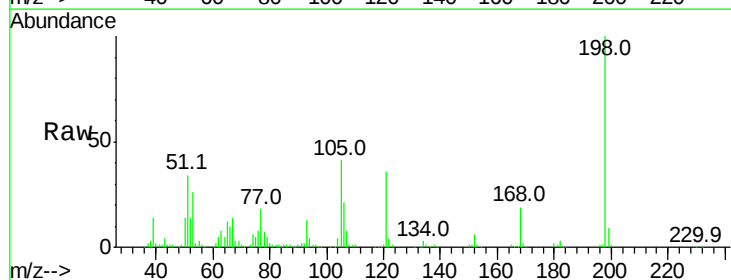


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

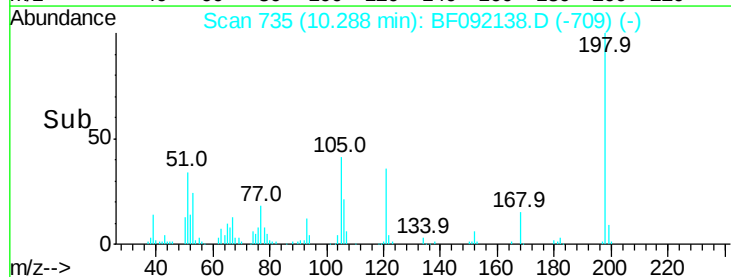
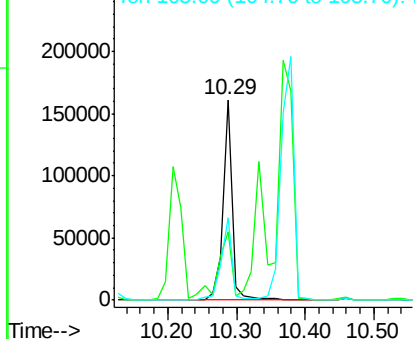


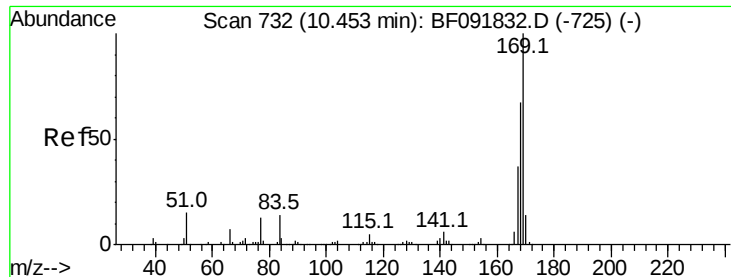
#64
4,6-Dinitro-2-methylphenol
Concen: 41.56 ng
RT: 10.29 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion:198 Resp: 155055
Ion Ratio Lower Upper
198 100
51 34.0 6.7 46.7
105 40.9 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 45.29 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

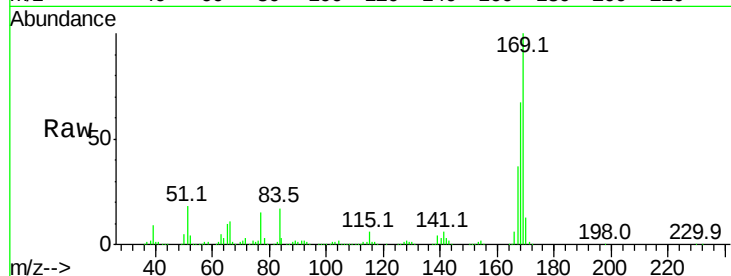
Tot Ion:169 Resp: 829088

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.2

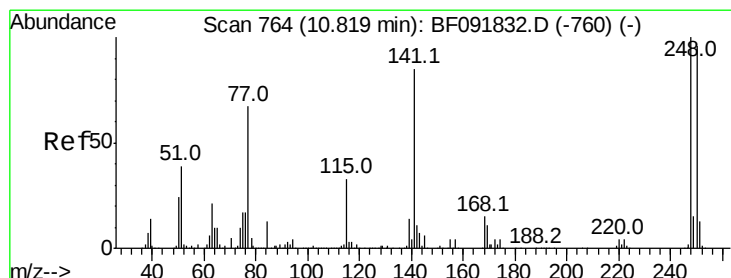
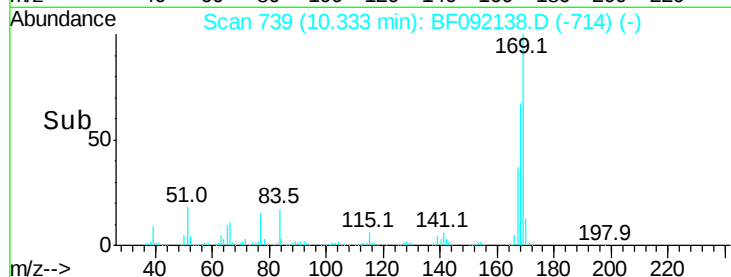
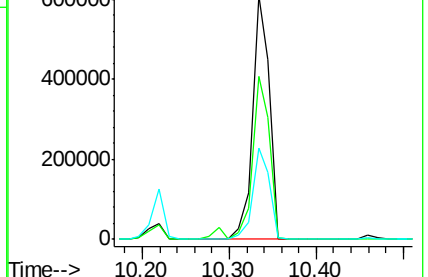
167 37.5 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.47 ng

RT: 10.70 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

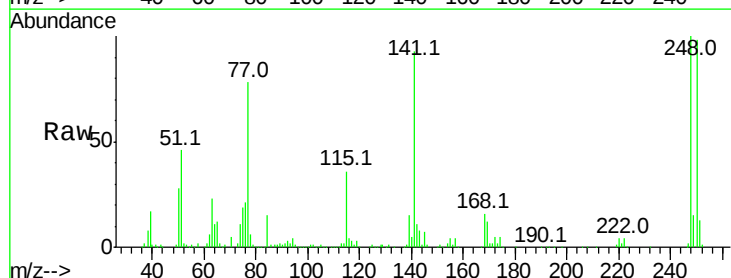
Tgt Ion:248 Resp: 259749

Ion Ratio Lower Upper

248 100

250 98.0 76.9 115.3

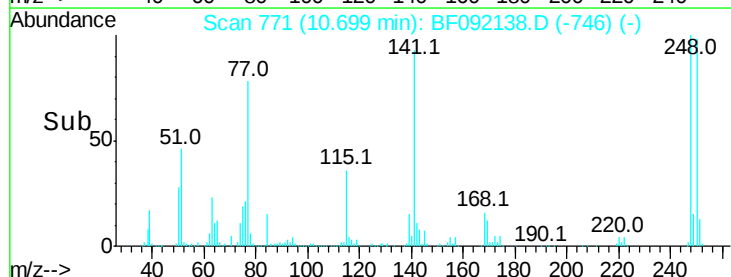
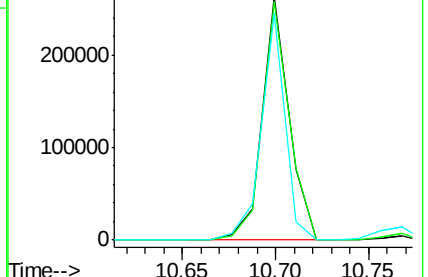
141 93.4 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.46 ng

RT: 10.77 min Scan# 777

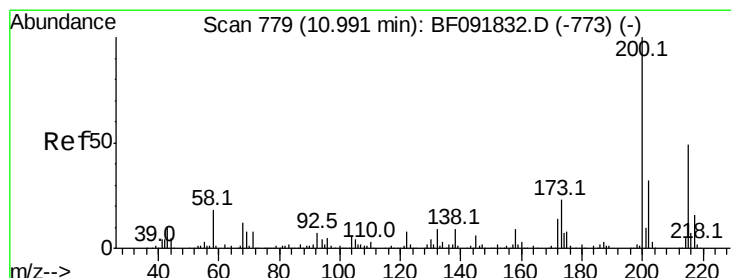
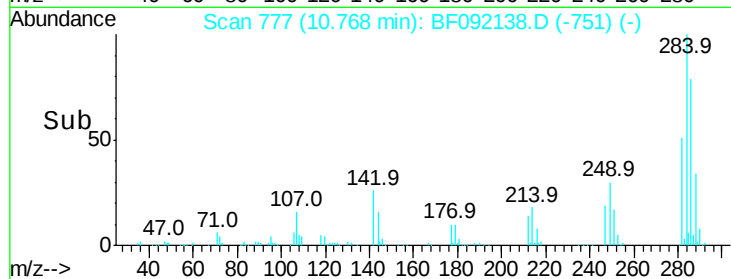
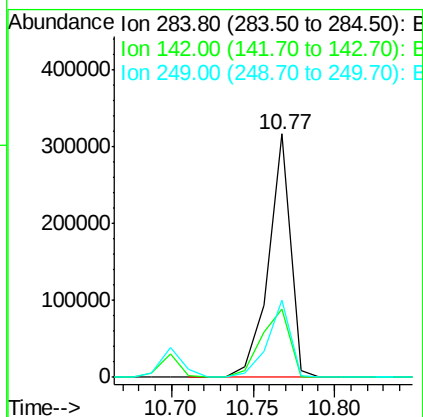
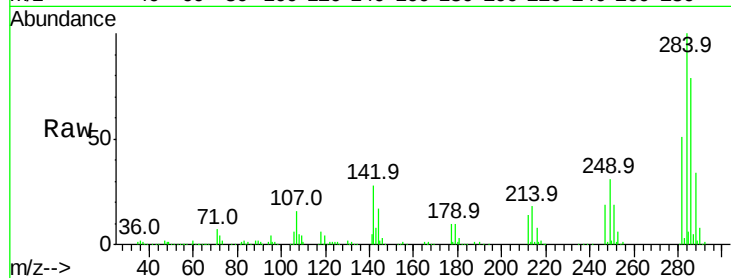
Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	284	Resp:	298148
Ion	Ratio	Lower	Upper
284	100		
142	28.0	22.6	33.8
249	31.5	25.4	38.0



#68

Atrazine

Concen: 40.67 ng

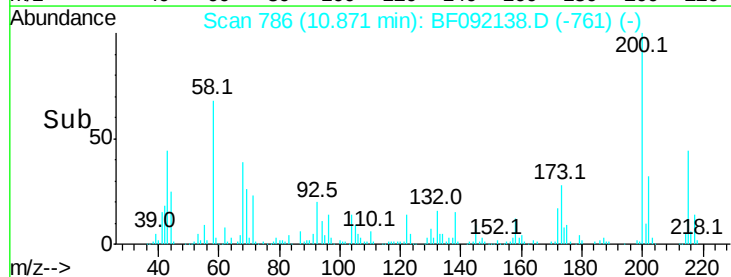
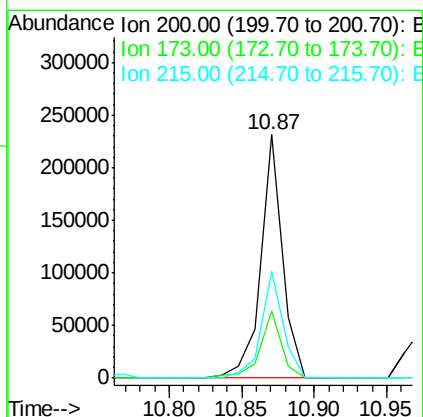
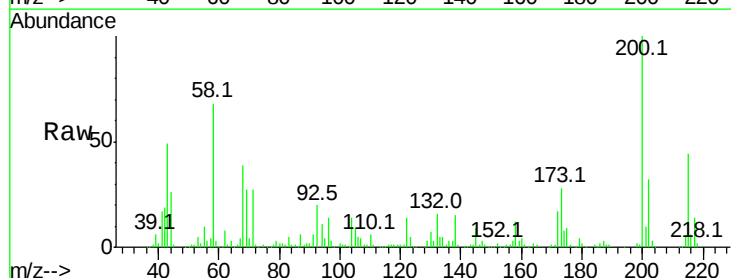
RT: 10.87 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Tgt Ion:	200	Resp:	240156
Ion	Ratio	Lower	Upper
200	100		
173	27.6	9.6	49.6
215	43.6	25.7	65.7

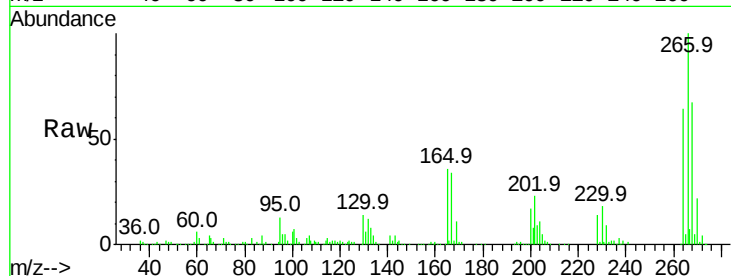




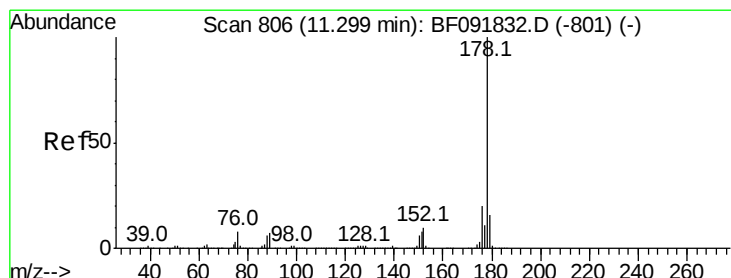
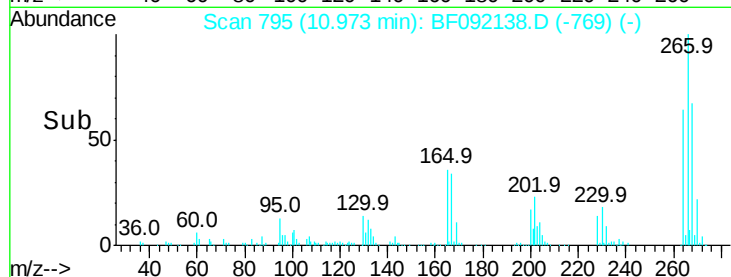
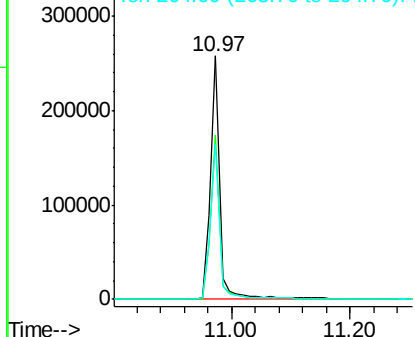
#69
 Pentachlorophenol
 Concen: 85.04 ng
 RT: 10.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 286263
 Ion Ratio Lower Upper
 266 100
 268 67.3 53.3 79.9
 264 63.6 50.3 75.5

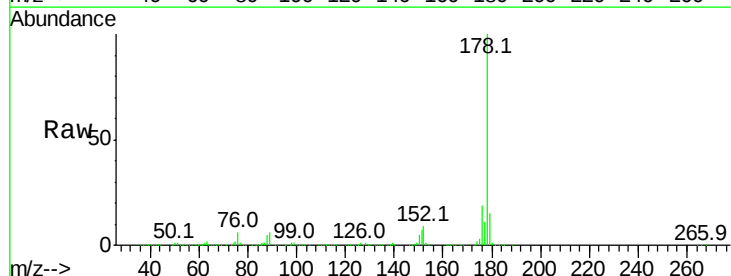


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

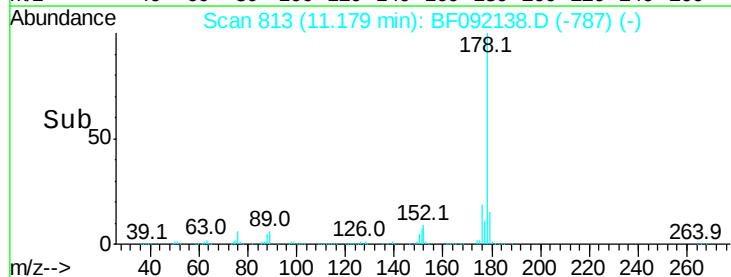
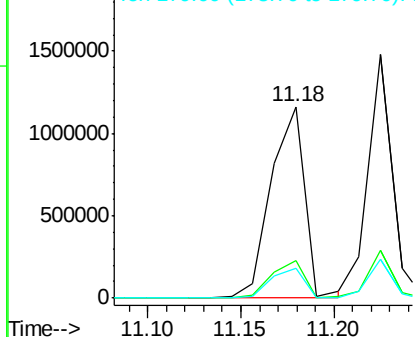


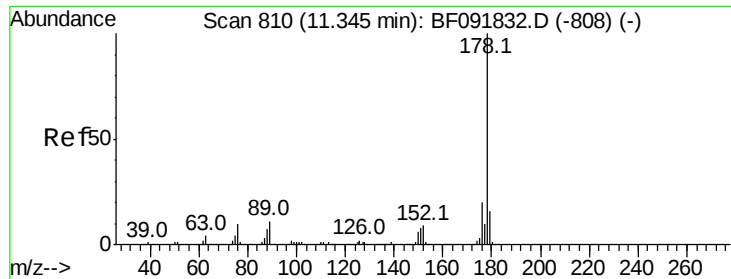
#70
 Phenanthrene
 Concen: 43.74 ng
 RT: 11.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Tgt Ion:178 Resp: 1463195
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.6 25.0
 179 15.4 12.8 19.2



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

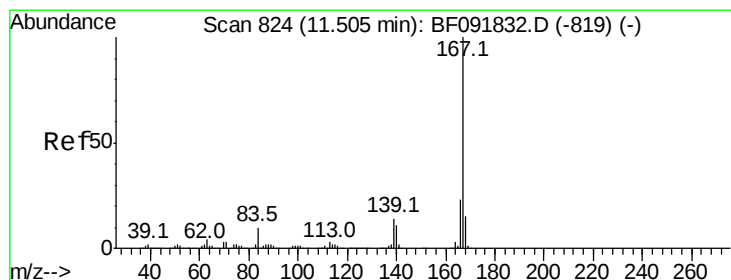
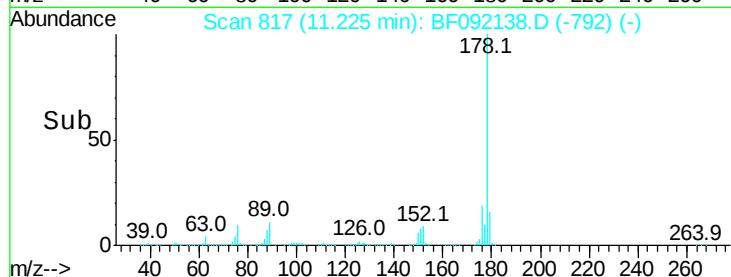
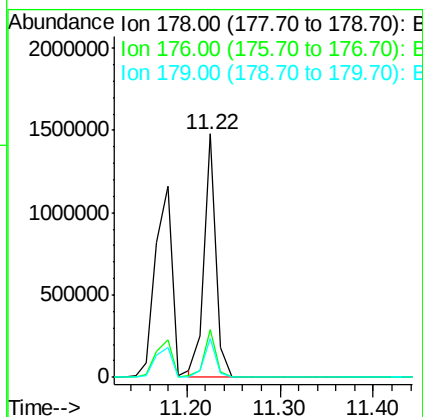
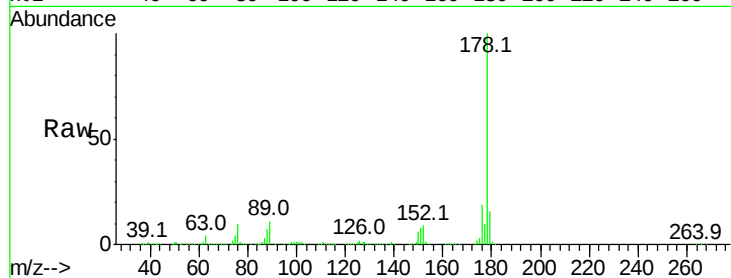




#71
 Anthracene
 Concen: 44.09 ng
 RT: 11.22 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

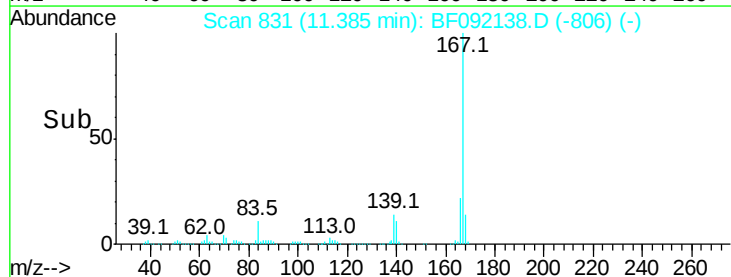
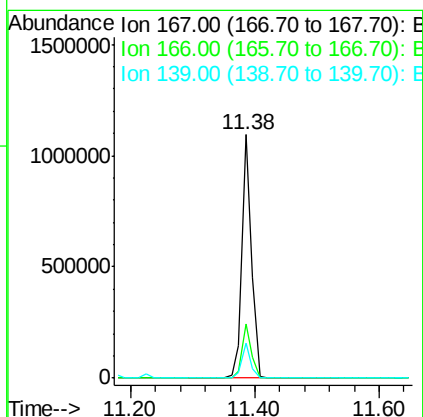
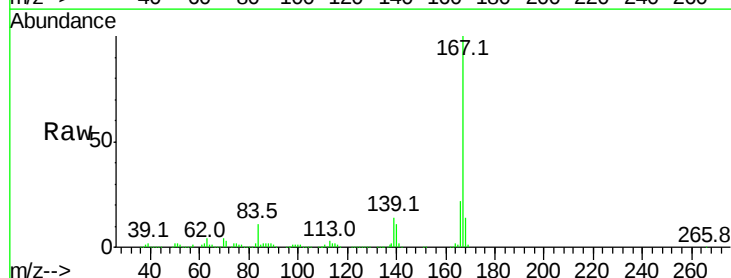
Instrument :
 BNA_F
 ClientSampleId :

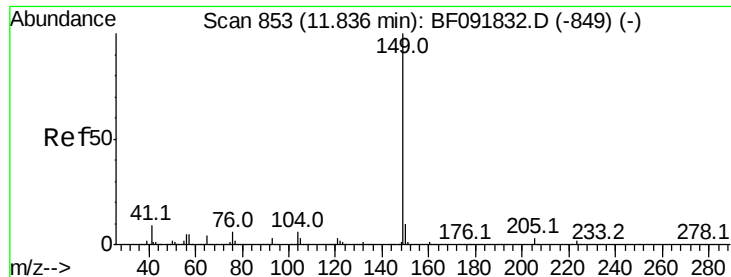
Tot Ion:178 Resp: 1317070
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 16.2 13.2 19.8



#72
 Carbazole
 Concen: 41.54 ng
 RT: 11.38 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Tgt Ion:167 Resp: 1183766
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 14.3 11.4 17.2

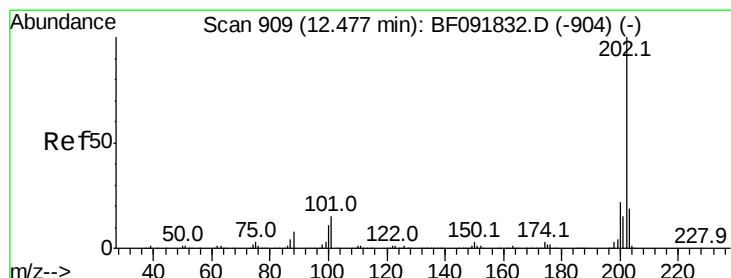
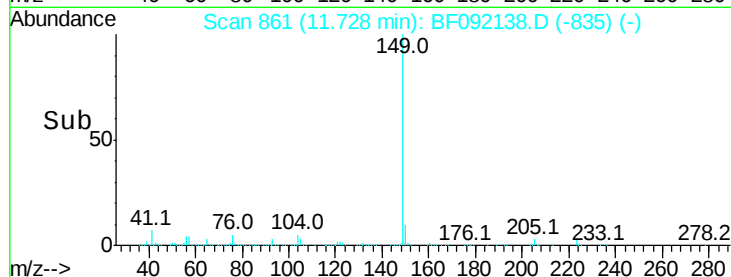
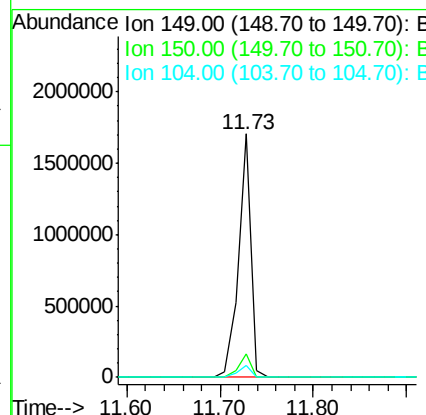
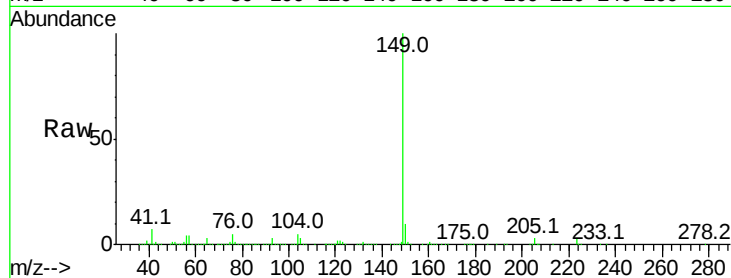




#73
Di-n-butylphthalate
Concen: 50.90 ng
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

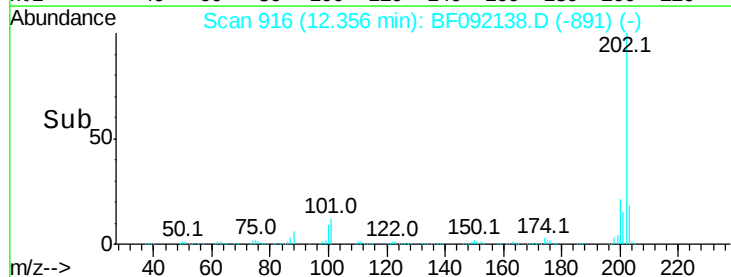
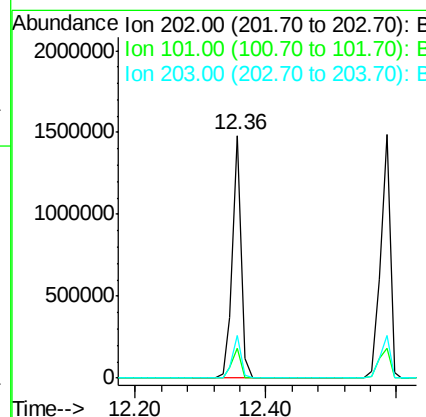
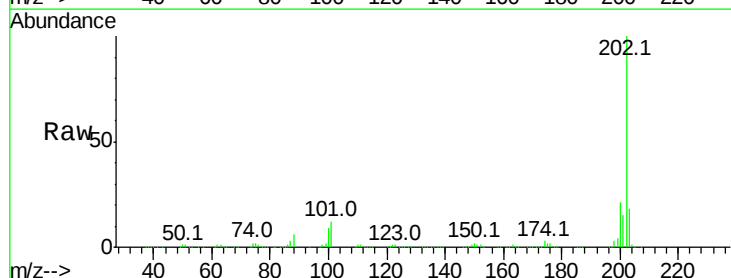
Instrument :
BNA_F
ClientSampleId :

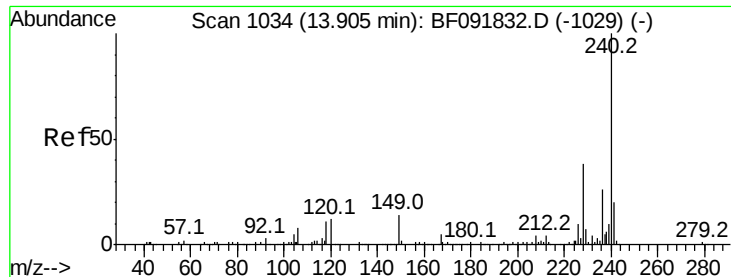
Tot Ion:149 Resp: 1596424
Ion Ratio Lower Upper
149 100
150 9.6 8.1 12.1
104 4.9 4.6 7.0



#74
Fluoranthene
Concen: 47.07 ng
RT: 12.36 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion:202 Resp: 1376476
Ion Ratio Lower Upper
202 100
101 12.4 0.0 34.6
203 17.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampled :

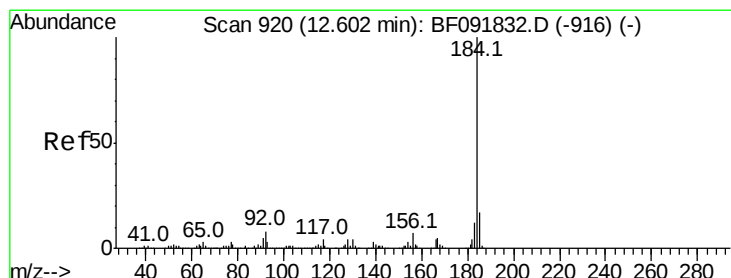
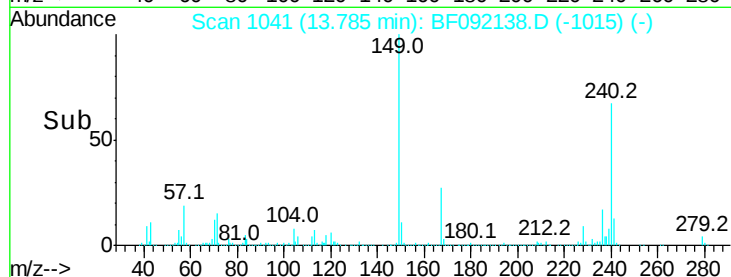
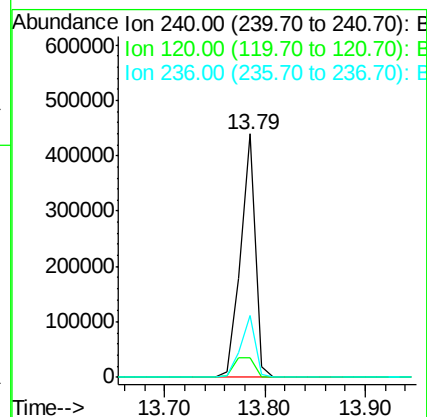
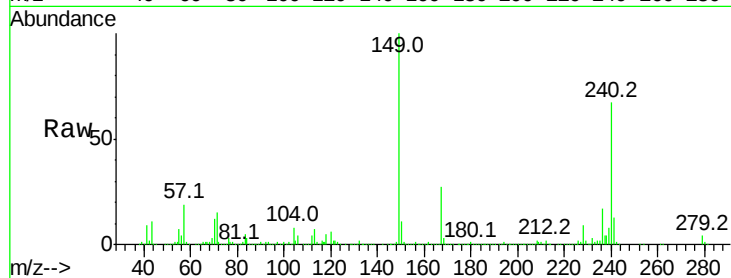
Tot Ion:240 Resp: 448811

Ion Ratio Lower Upper

240 100

120 8.2 12.9 19.3#

236 25.4 20.9 31.3



#76

Benzidine

Concen: 28.02 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

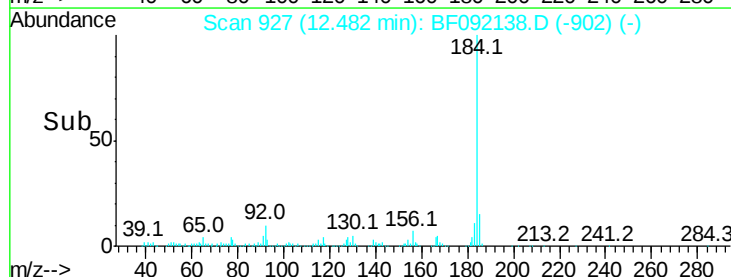
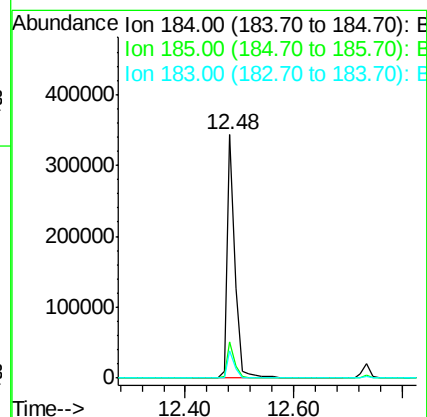
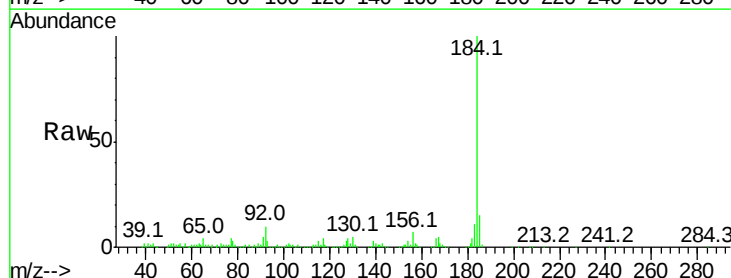
Tgt Ion:184 Resp: 352626

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

183 11.0 9.2 13.8

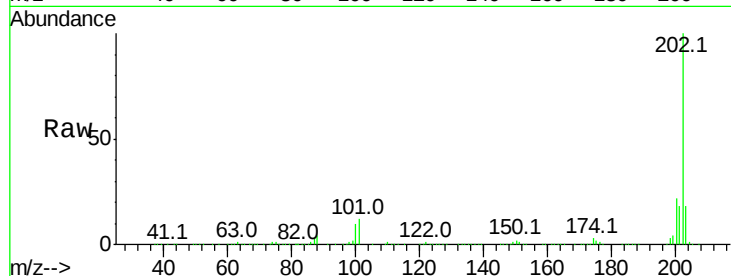




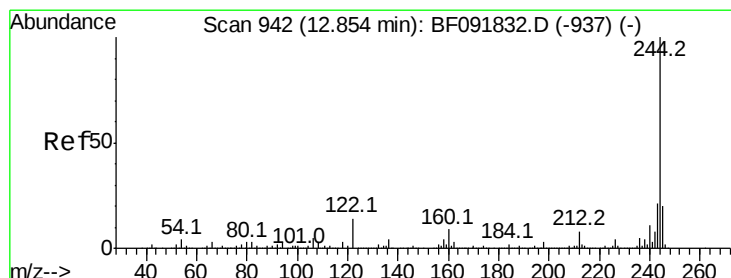
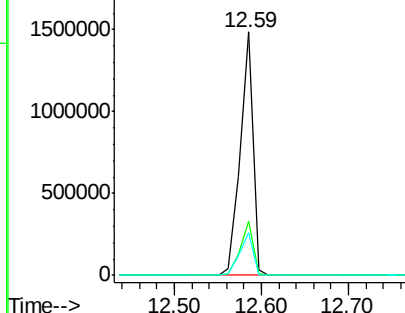
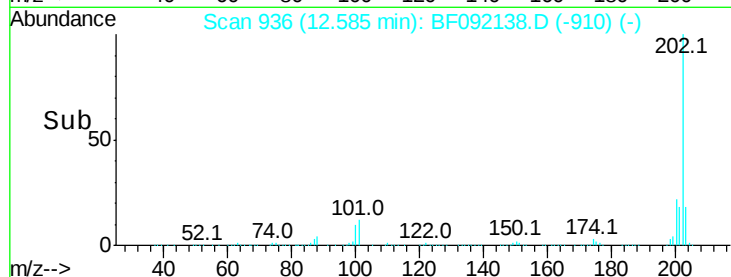
#77
Pvrene
Concen: 45.33 ng
RT: 12.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1492623
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 17.7 14.7 22.1

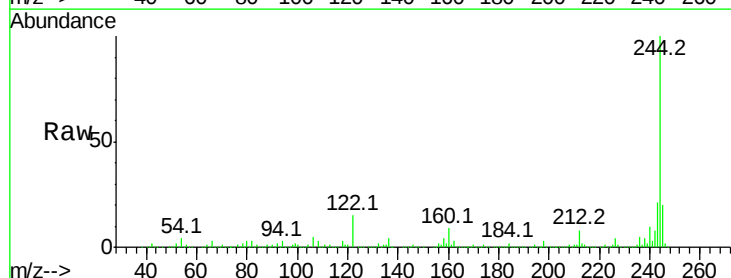


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

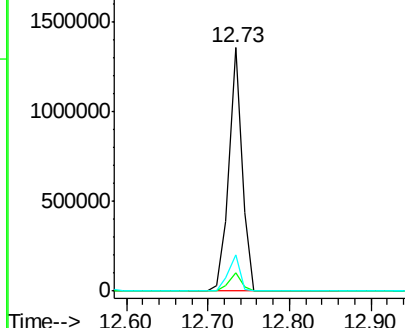
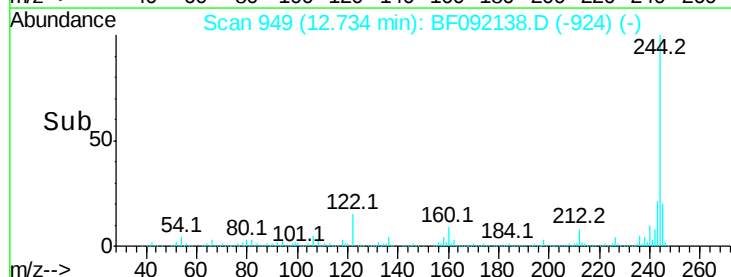


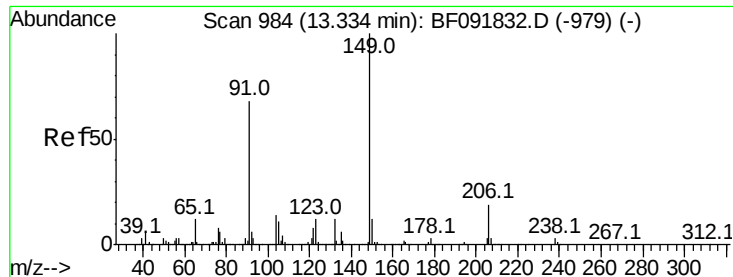
#78
Terphenyl-d14
Concen: 82.36 ng
RT: 12.73 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion:244 Resp: 1524214
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 14.8 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

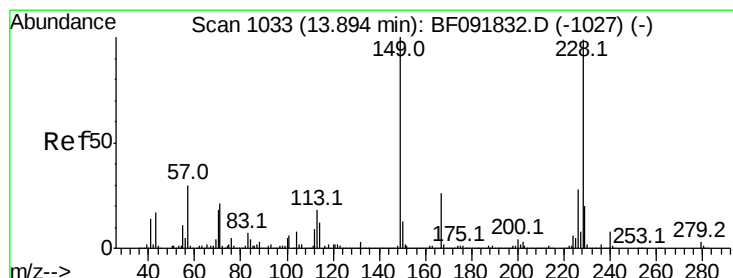
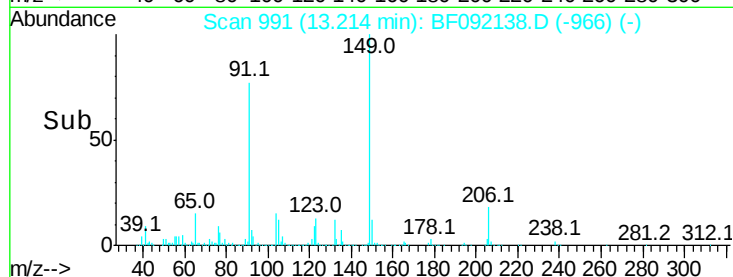
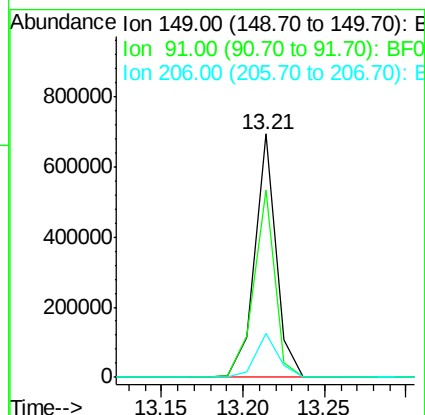
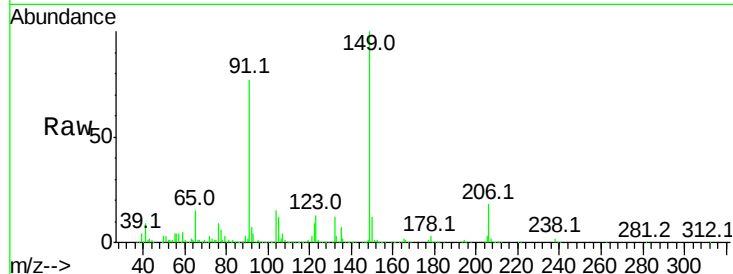




#79
Butylbenzylphthalate
Concen: 42.29 ng
RT: 13.21 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

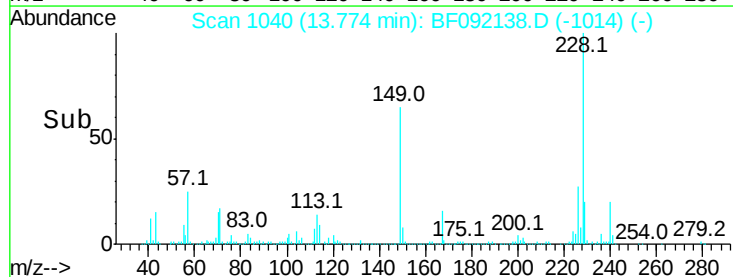
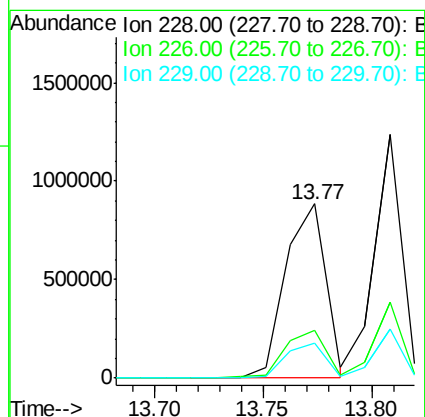
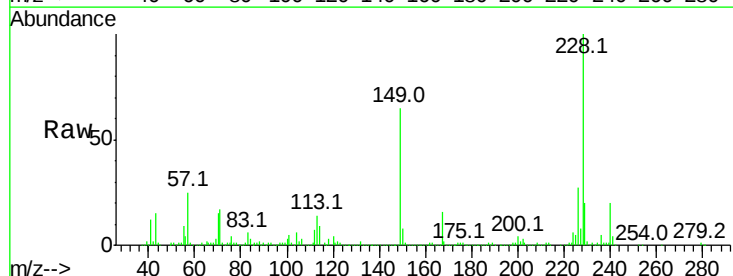
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 633346
Ion Ratio Lower Upper
149 100
91 77.1 63.9 95.9
206 18.1 14.6 21.8



#80
Benzo(a)anthracene
Concen: 45.49 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion:228 Resp: 1152476
Ion Ratio Lower Upper
228 100
226 27.2 22.4 33.6
229 19.9 16.2 24.4

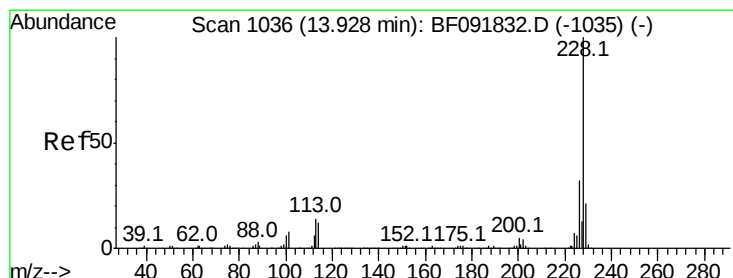
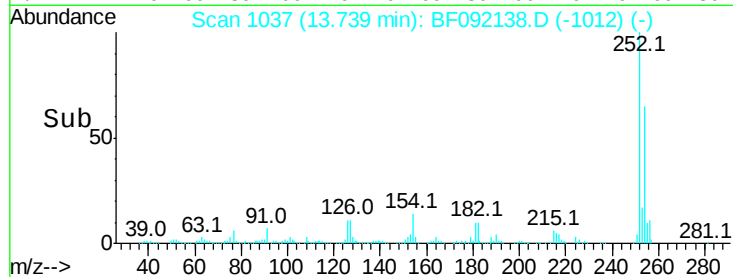
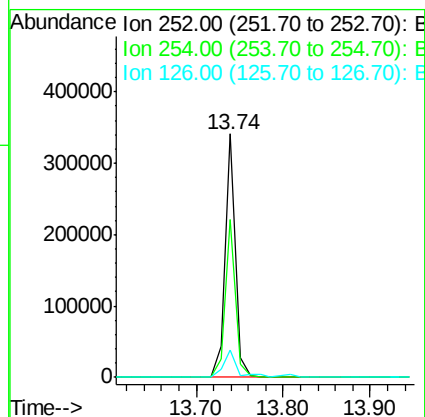
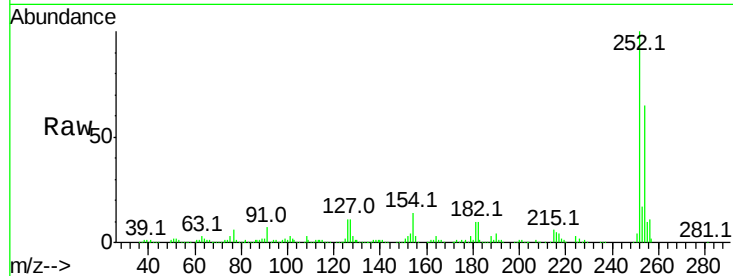




#81
 3,3'-Dichlorobenzidine
 Concen: 29.97 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

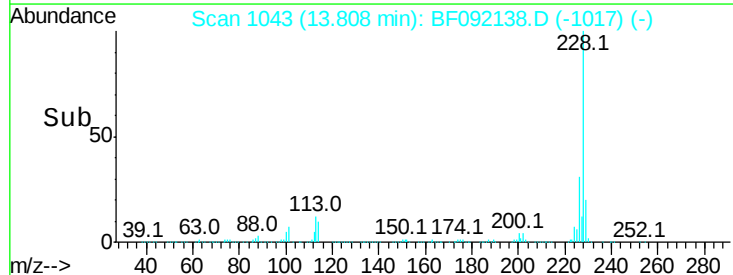
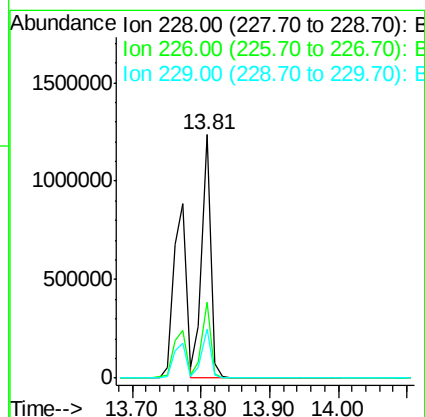
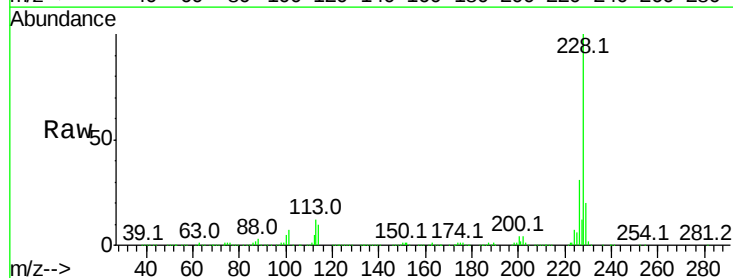
Instrument :
 BNA_F
 ClientSampleId :

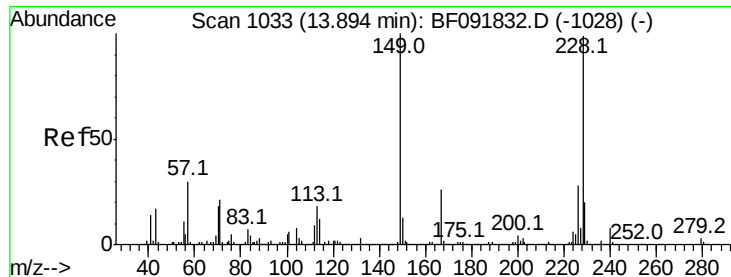
Tot Ion:252 Resp: 287902
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.3 78.5
 126 11.0 13.6 20.4#



#82
 Chrysene
 Concen: 43.20 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Tgt Ion:228 Resp: 1097900
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 20.3 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.55 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

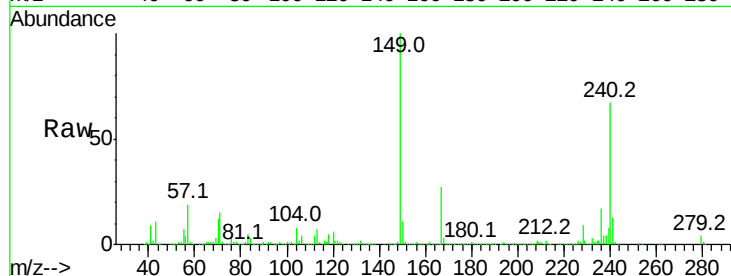
Tot Ion:149 Resp: 873860

Ion Ratio Lower Upper

149 100

167 27.2 20.2 30.4

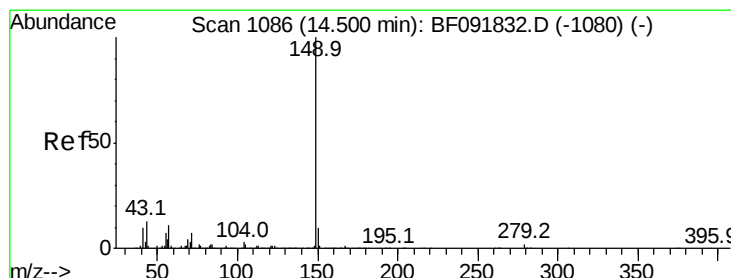
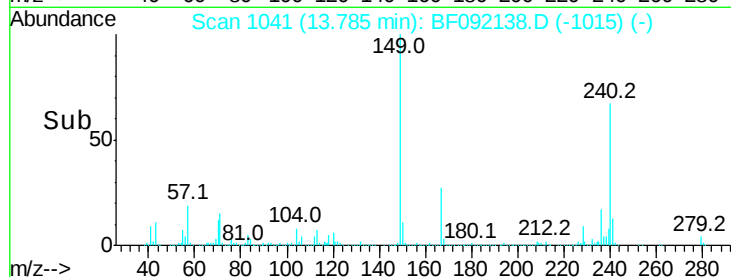
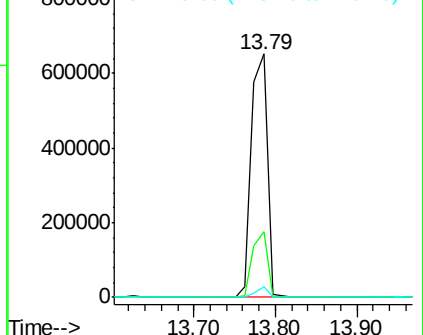
279 4.3 1.8 2.8#



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: 48.00 ng

RT: 14.39 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

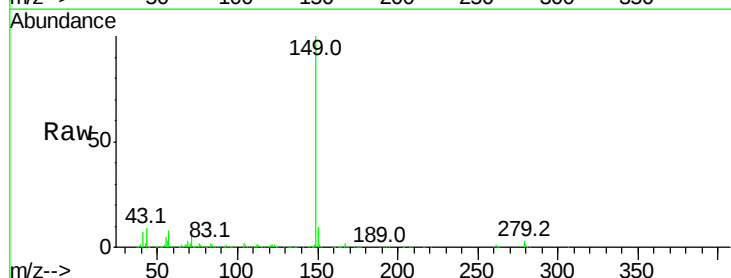
Tgt Ion:149 Resp: 1568180

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

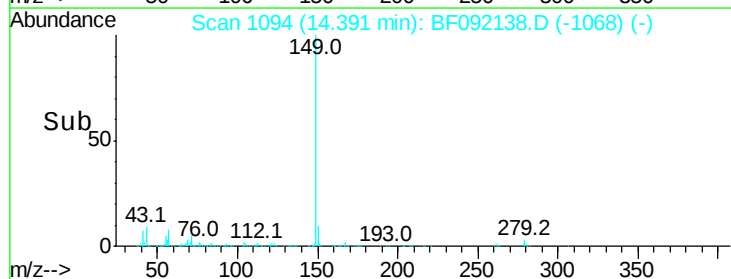
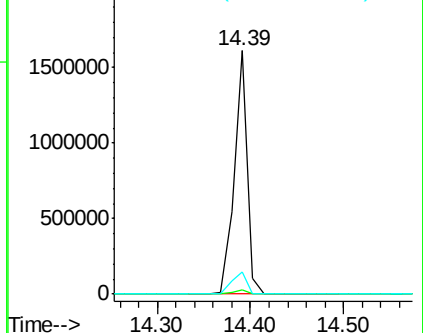
43 10.4 8.9 13.3

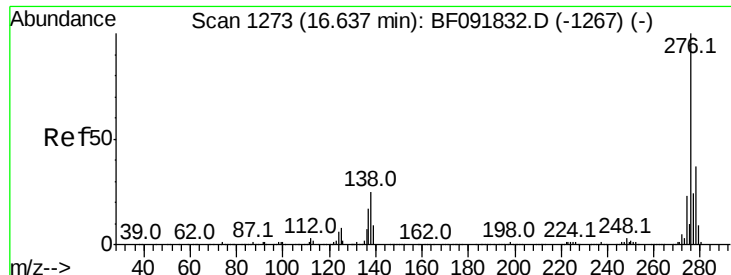


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

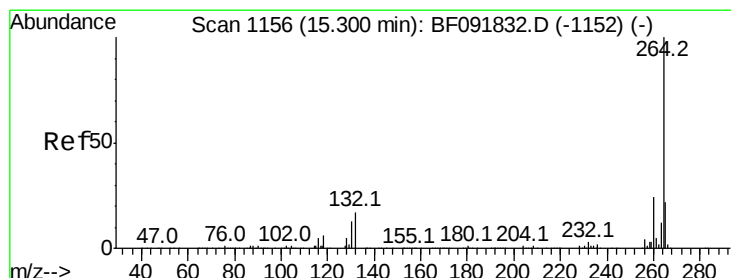
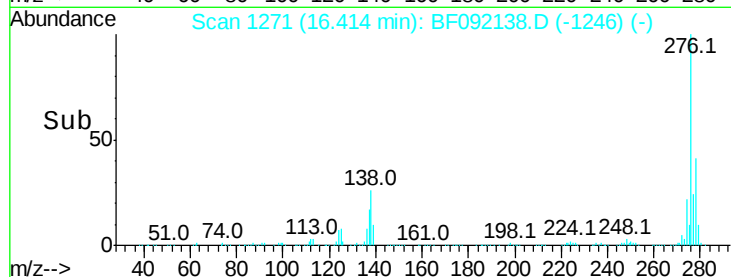
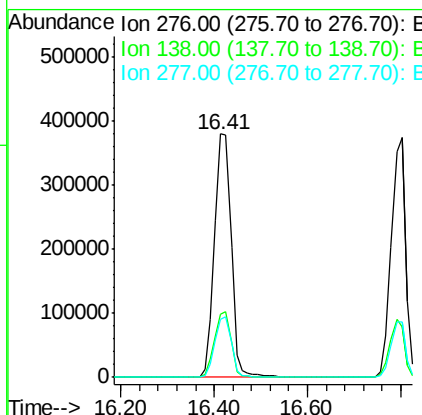
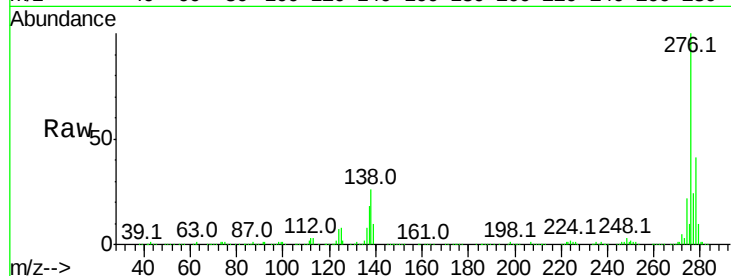




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.25 ng
 RT: 16.41 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

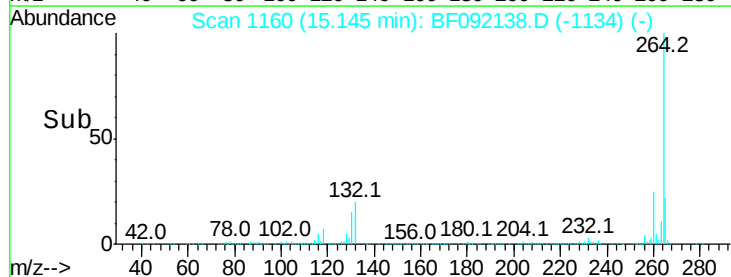
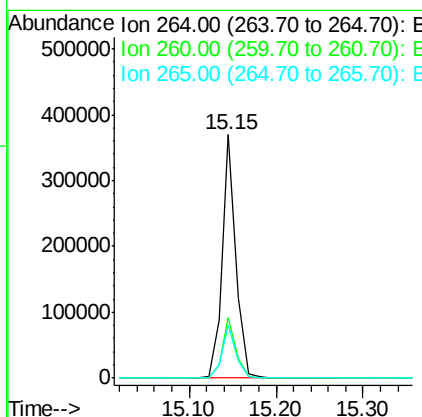
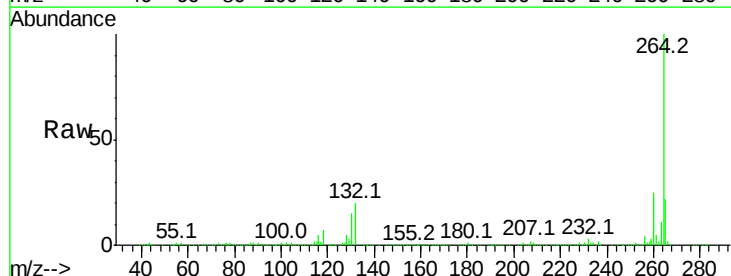
Instrument :
 BNA_F
 ClientSampleId :

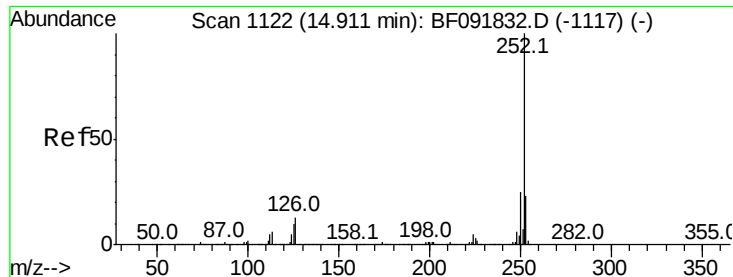
Tot Ion:276 Resp: 952240
 Ion Ratio Lower Upper
 276 100
 138 27.2 21.8 32.6
 277 24.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Tgt Ion:264 Resp: 409632
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.9 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 80.86 ng

RT: 14.80 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

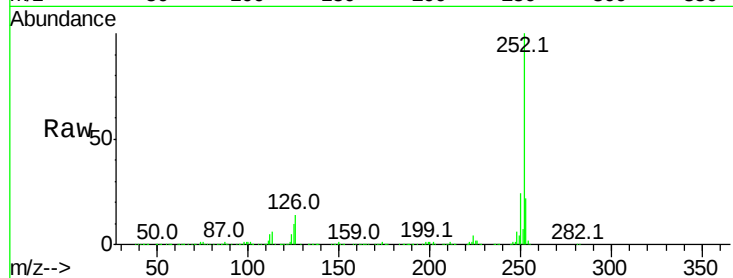
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 2062282

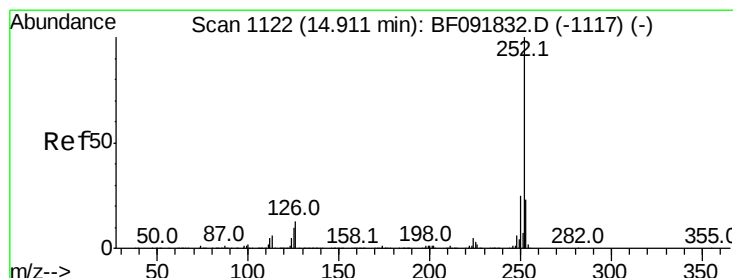
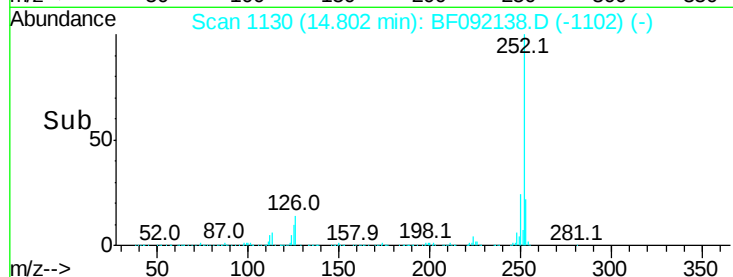
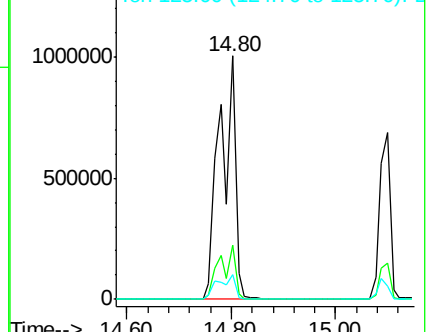
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.0	9.8	14.6



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



#88

Benzo(k)fluoranthene

Concen: 94.83 ng

RT: 14.80 min Scan# 1130

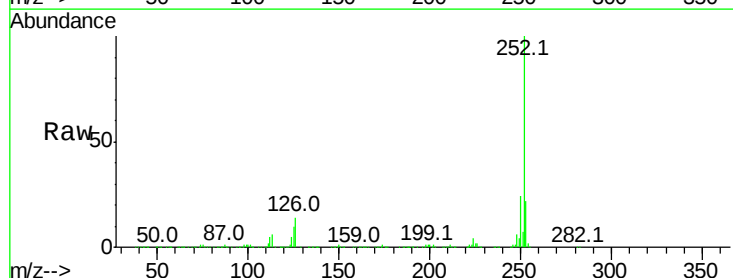
Delta R.T. 0.00 min

Lab File: BF092138.D

Acq: 9 Jan 2017 15:05

Tgt Ion:252 Resp: 2062282

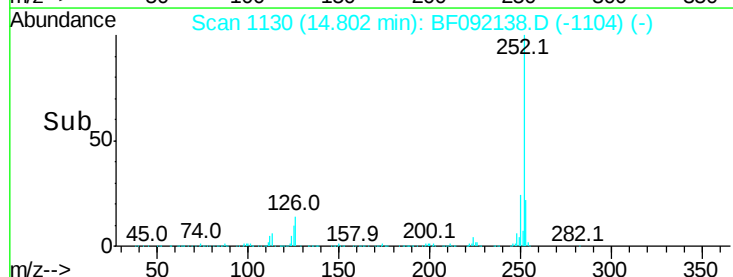
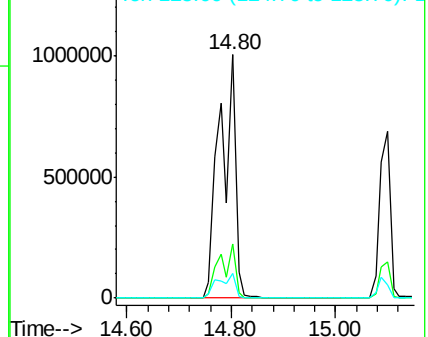
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	10.0	8.9	13.3

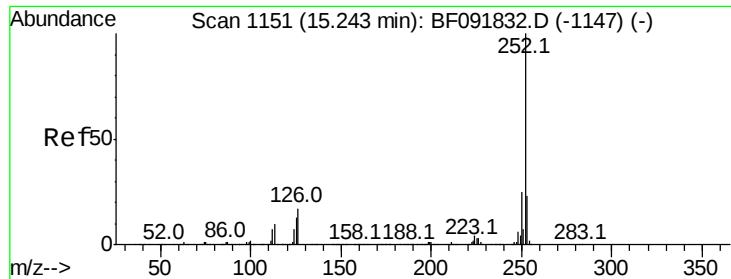


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

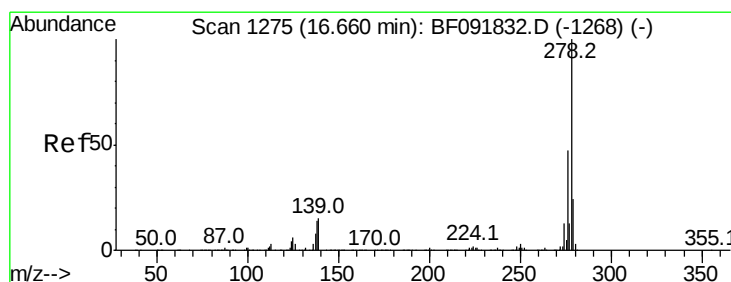
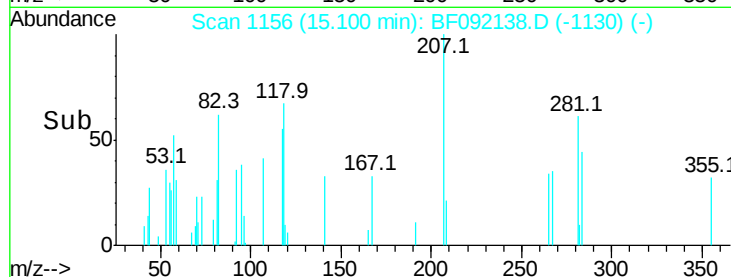
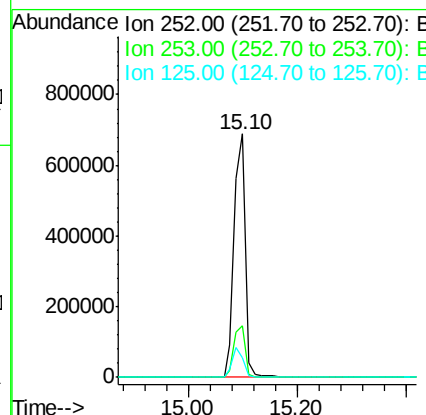
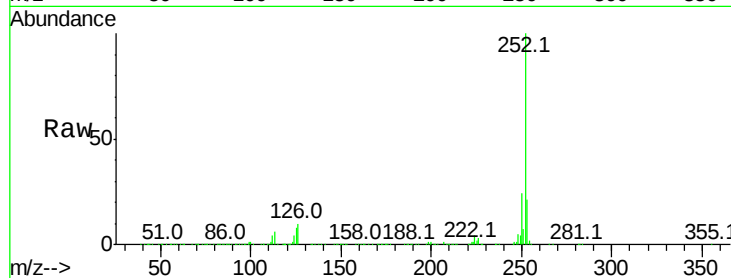




#89
Benzo(a)pyrene
Concen: 42.77 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

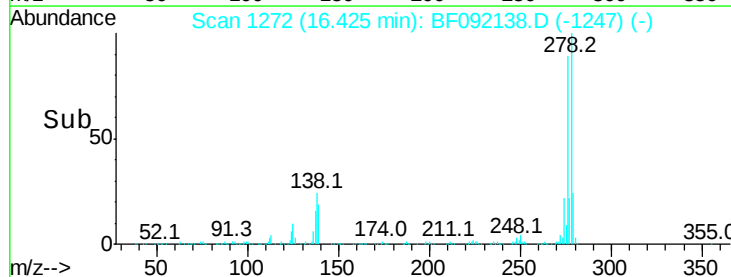
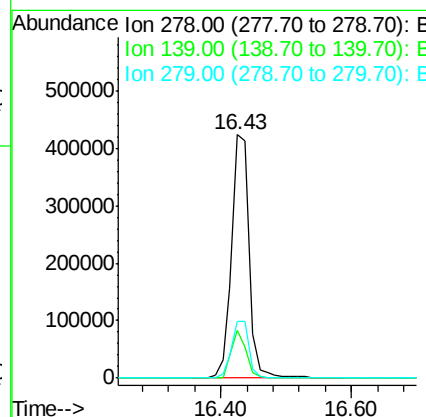
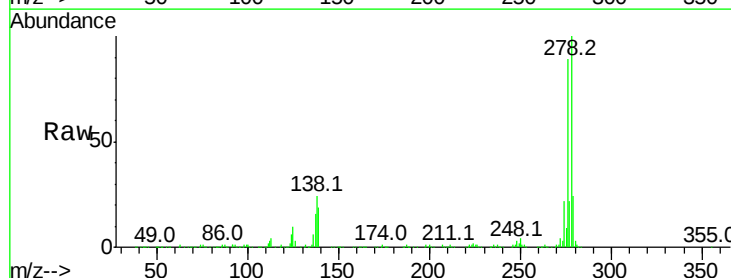
Instrument :
BNA_F
ClientSampleId :

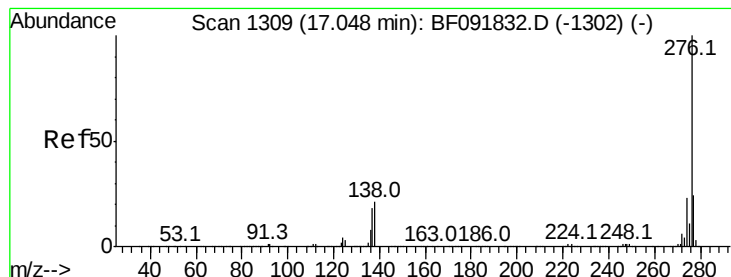
Tot Ion:252 Resp: 968039
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 7.9 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 42.58 ng
RT: 16.43 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF092138.D
Acq: 9 Jan 2017 15:05

Tgt Ion:278 Resp: 792194
Ion Ratio Lower Upper
278 100
139 19.4 14.8 22.2
279 23.5 19.8 29.6

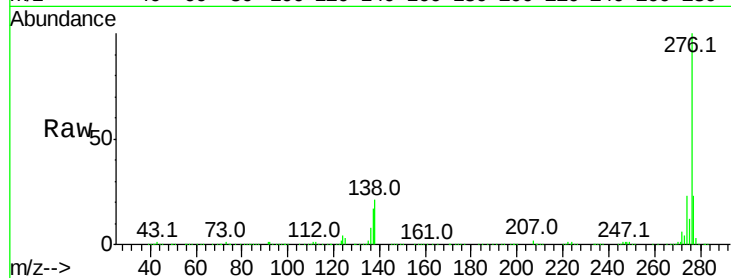




#91
 Benzo(a,h,i)perylene
 Concen: 41.55 ng
 RT: 16.80 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF092138.D
 Acq: 9 Jan 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	20.7	16.0	24.0



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

