

Data Path : Z:\HPCHEM1\BNA F\Data\BF111116\
 Data File : BF091144.D
 Acq On : 11 Nov 2016 17:07
 Operator : UM/SJ
 Sample : PB94676BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 17:55:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	193636	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	801572	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	419885	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	689755	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	590017	20.00	ng	-0.02
86) Perylene-d12	15.15	264	402148	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1508994	128.70	ng	0.00
7) Phenol-d6	6.30	99	1783853	112.09	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1248640	84.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	512949	135.13	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2077151	85.17	ng	-0.02
78) Terphenyl-d14	12.74	244	2142155	90.60	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.21	88	216025	32.21	ng	96
3) Pyridine	2.85	79	651842	41.55	ng	97
4) n-Nitrosodimethylamine	2.82	42	259030	41.74	ng	93
6) Aniline	6.32	93	388826	20.71	ng	# 1
8) 2-Chlorophenol	6.43	128	584256	41.78	ng	96
9) Benzaldehyde	6.19	77	57432	6.50	ng	98
10) Phenol	6.32	94	695949	39.52	ng	# 70
11) bis(2-Chloroethyl)ether	6.38	93	603070	40.64	ng	98
12) 1,3-Dichlorobenzene	6.82	146	542475	38.35	ng	96
13) 1,4-Dichlorobenzene	6.66	146	645258	42.52	ng	95
14) 1,2-Dichlorobenzene	6.82	146	558430	40.09	ng	94
15) Benzyl Alcohol	6.81	79	482339	42.97	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	6.93	45	744722	35.04	ng	72
17) 2-Methylphenol	6.92	107	484371	43.75	ng	96
18) Hexachloroethane	7.15	117	241545	41.13	ng	91
19) n-Nitroso-di-n-propylamine	7.07	70	464320	42.10	ng	99
20) 3+4-Methylphenols	7.08	107	622370	46.82	ng	95
22) Acetophenone	7.07	105	845020	45.79	ng	94
24) Nitrobenzene	7.24	77	674436	41.56	ng	90
25) Isophorone	7.48	82	1280994	45.24	ng	98
26) 2-Nitrophenol	7.55	139	316094	46.03	ng	92
27) 2,4-Dimethylphenol	7.61	122	551217	48.53	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	801588	51.82	ng	99
29) 2,4-Dichlorophenol	7.80	162	499231	50.36	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	515509	46.25	ng	96
31) Naphthalene	7.95	128	1658566	43.27	ng	99
32) Benzoic acid	7.78	122	321840	37.56	ng	90
33) 4-Chloroaniline	8.02	127	153265	9.61	ng	97
34) Hexachlorobutadiene	8.08	225	297399	49.44	ng	97
35) Caprolactam	8.40	113	85179	27.35	ng	91
36) 4-Chloro-3-methylphenol	8.52	107	582029	48.50	ng	99
37) 2-Methylnaphthalene	8.65	142	1162509	47.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	509903	47.63	ng	99
40) Hexachlorocyclopentadiene	8.80	237	460803	108.32	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	331445	47.96	nq	98
43) 2,4,5-Trichlorophenol	8.98	196	325004	44.79	nq	# 85
45) 1,1'-Biphenyl	9.12	154	1387294	45.25	nq	95
46) 2-Chloronaphthalene	9.14	162	1076730	46.26	nq	93
47) 2-Nitroaniline	9.24	65	396977	45.95	nq	93
48) Acenaphthylene	9.55	152	1616641	44.56	nq	99
49) Dimethylphthalate	9.42	163	1243602	45.17	nq	99
50) 2,6-Dinitrotoluene	9.48	165	252155	42.73	nq	91
51) Acenaphthene	9.71	154	959786	42.14	nq	100
52) 3-Nitroaniline	9.65	138	124110	17.74	nq	92
53) 2,4-Dinitrophenol	9.77	184	268431	83.24	nq	# 92
54) Dibenzofuran	9.89	168	1441413	47.02	nq	93
55) 4-Nitrophenol	9.84	139	318909	69.27	nq	95
56) 2,4-Dinitrotoluene	9.89	165	388686	51.77	nq	92
57) Fluorene	10.22	166	1060166	42.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	286261	50.36	nq	96
59) Diethylphthalate	10.12	149	1307500	46.32	nq	98
60) 4-Chlorophenyl-phenylether	10.22	204	533339	46.76	nq	# 89
61) 4-Nitroaniline	10.27	138	277955	39.27	nq	98
62) Azobenzene	10.38	77	1472533	44.31	nq	92
64) 4,6-Dinitro-2-methylphenol	10.30	198	195315	46.24	nq	94
65) n-Nitrosodiphenylamine	10.35	169	1031564	47.05	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	339354	47.30	nq	# 68
67) Hexachlorobenzene	10.77	284	342915	43.34	nq	# 90
68) Atrazine	10.89	200	345883	54.69	nq	98
69) Pentachlorophenol	10.98	266	358924	102.41	nq	99
70) Phenanthrene	11.18	178	1546528	42.18	nq	99
71) Anthracene	11.24	178	1779094	45.64	nq	100
72) Carbazole	11.40	167	1559193	44.38	nq	97
73) Di-n-butylphthalate	11.73	149	1859106	42.08	nq	98
74) Fluoranthene	12.36	202	1523187	40.05	nq	99
76) Benzidine	12.50	184	607981	46.12	nq	97
77) Pyrene	12.59	202	1526758	39.51	nq	100
79) Butylbenzylphthalate	13.22	149	780150	42.21	nq	97
80) Benzo(a)anthracene	13.78	228	1442984	43.08	nq	100
81) 3,3'-Dichlorobenzidine	13.75	252	203162	17.26	nq	# 97
82) Chrysene	13.81	228	1216581	36.83	nq	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1010880	40.41	nq	# 98
84) Di-n-octyl phthalate	14.40	149	1892701	46.02	nq	97
85) Indeno(1,2,3-cd)pyrene	16.44	276	1114065	40.65	nq	97
87) Benzo(b)fluoranthene	14.81	252	2406589	88.23	nq	# 97
88) Benzo(k)fluoranthene	14.81	252	2407818	100.64	nq	99
89) Benzo(a)pyrene	15.11	252	1110800	46.78	nq	99
90) Dibenzo(a,h)anthracene	16.44	278	936434	45.62	nq	99
91) Benzo(g,h,i)perylene	16.82	276	856315	46.13	nq	# 93

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

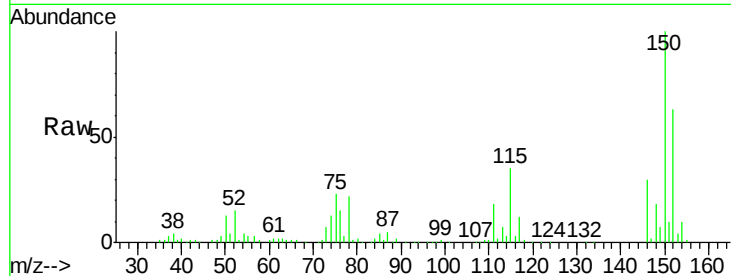


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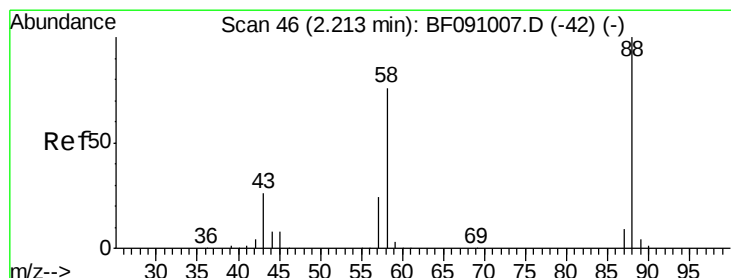
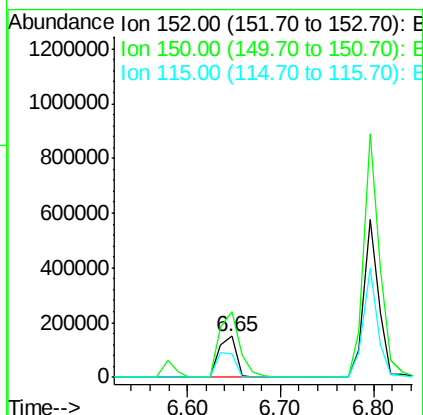
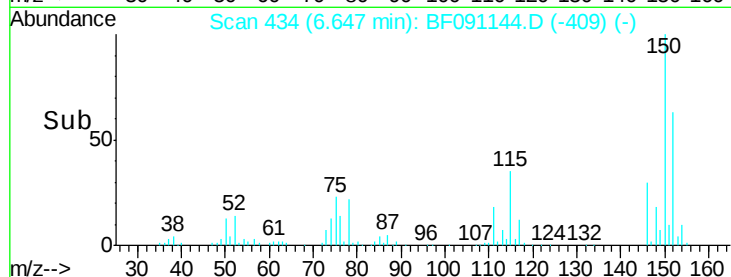
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 193636
Ion Ratio Lower Upper
152 100
150 158.2 126.8 190.2
115 56.1 53.3 79.9



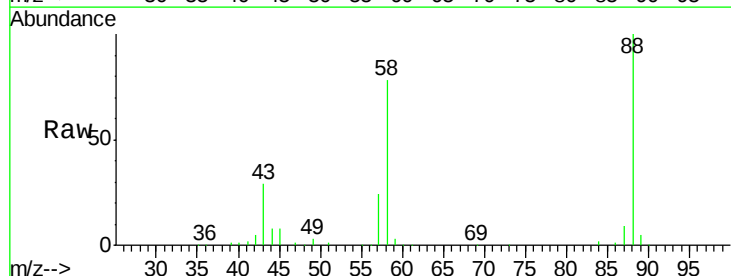
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



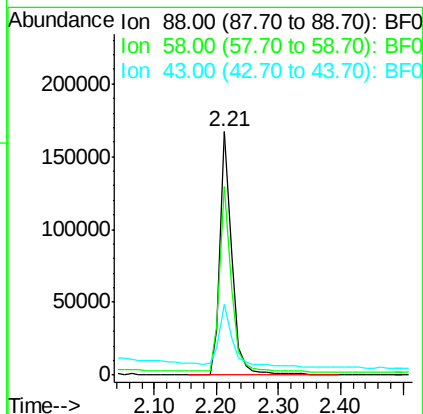
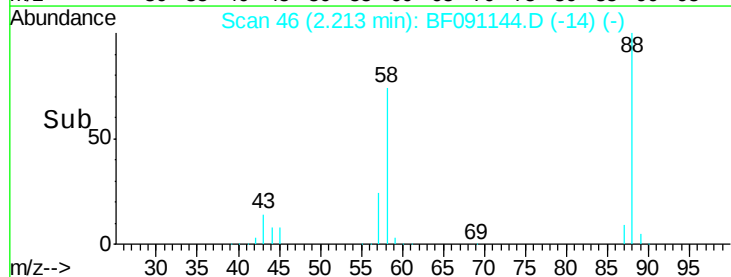
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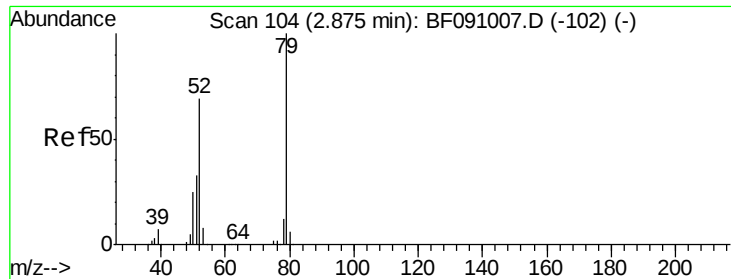
1,4-Dioxane
Concen: 32.21 ng
RT: 2.21 min Scan# 46
Delta R.T. 0.07 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion: 88 Resp: 216025
Ion Ratio Lower Upper
88 100
58 77.5 63.8 95.6
43 32.1 22.6 33.8



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

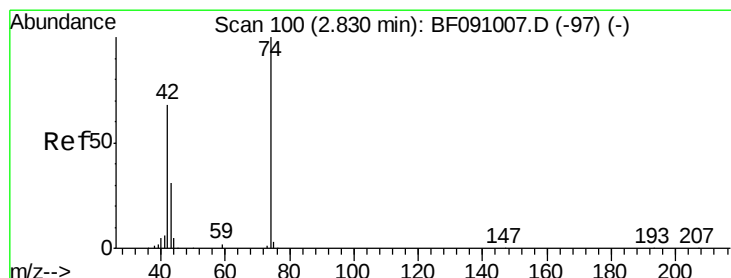
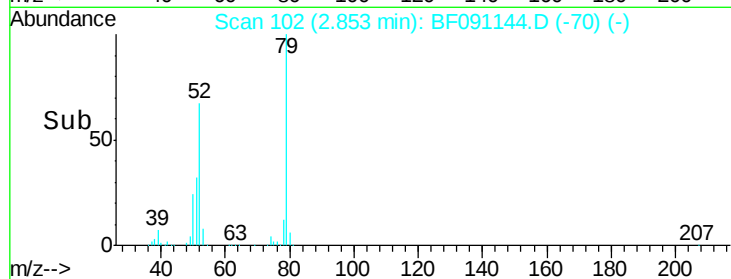
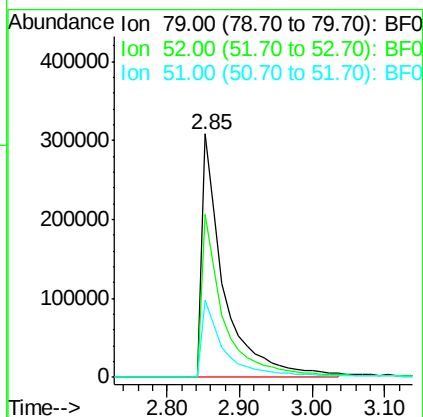
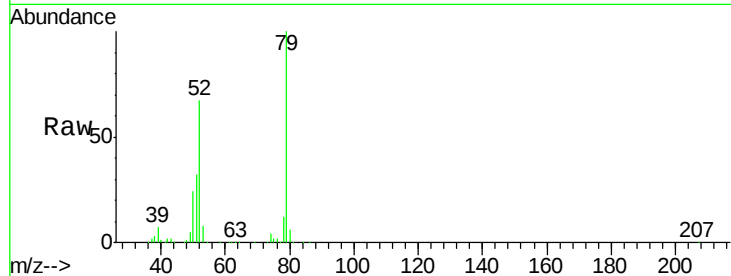




#3
 Pvridine
 Concen: 41.55 ng
 RT: 2.85 min Scan# 102
 Delta R.T. 0.07 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

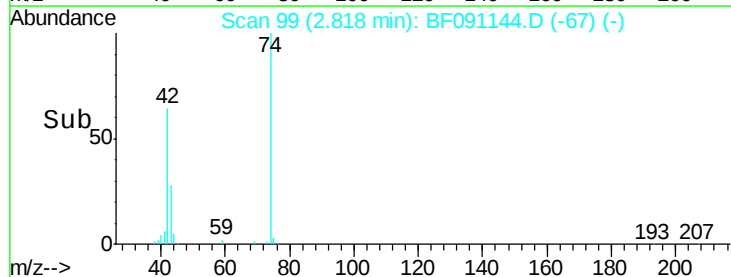
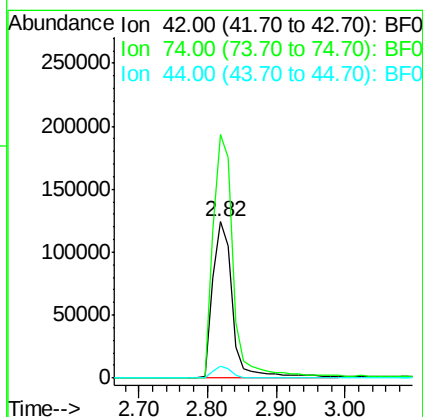
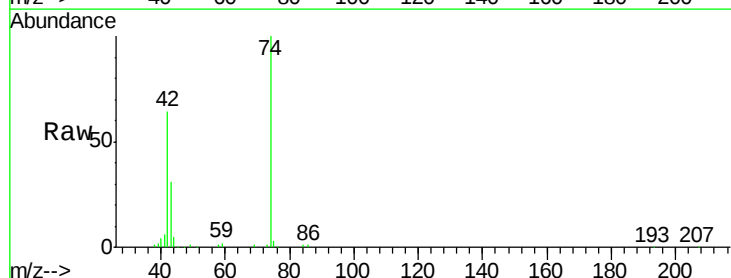
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 651842
 Ion Ratio Lower Upper
 79 100
 52 66.9 55.4 83.0
 51 32.0 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 41.74 ng
 RT: 2.82 min Scan# 99
 Delta R.T. 0.07 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion: 42 Resp: 259030
 Ion Ratio Lower Upper
 42 100
 74 155.9 117.3 175.9
 44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 128.70 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

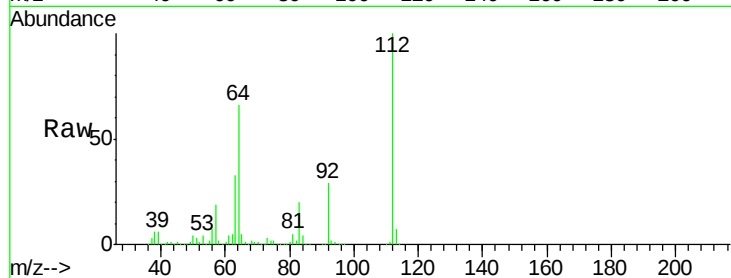
Tot Ion:112 Resp: 1508994

Ion Ratio Lower Upper

112 100

64 65.7 55.8 83.6

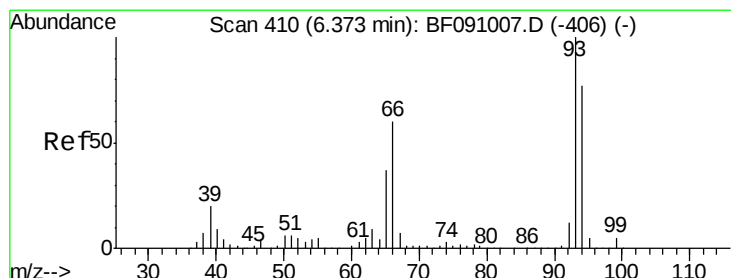
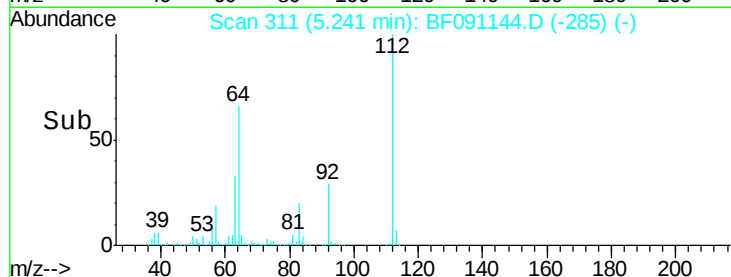
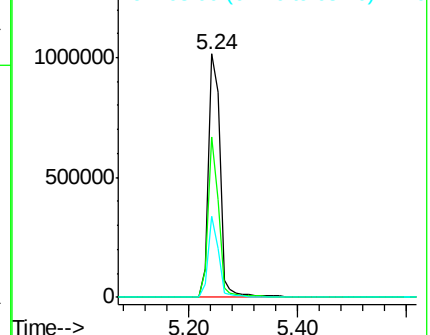
63 33.2 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.71 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

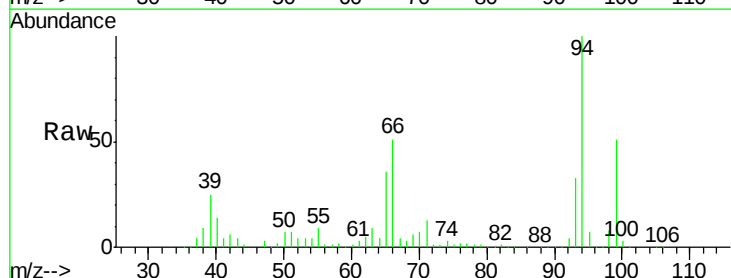
Tgt Ion: 93 Resp: 388826

Ion Ratio Lower Upper

93 100

66 156.6 48.2 72.2#

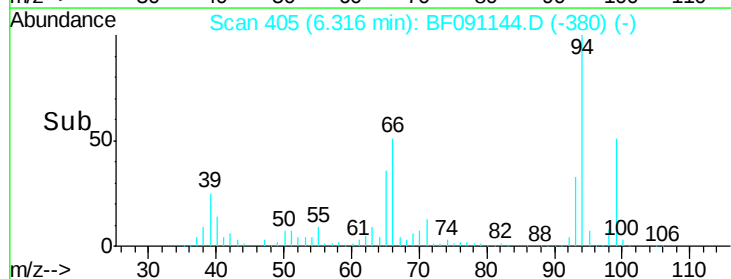
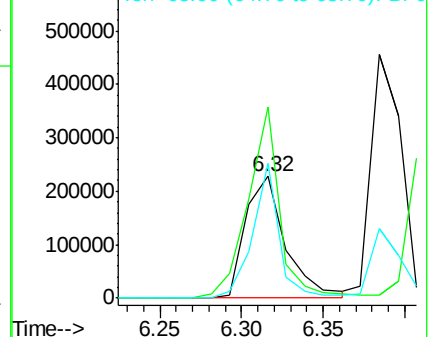
65 110.6 29.4 44.0#



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: 112.09 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

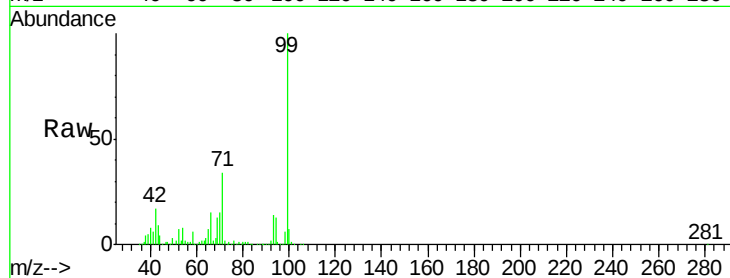
Tot Ion: 99 Resp: 1783853

Ion Ratio Lower Upper

99 100

42 16.9 13.9 20.9

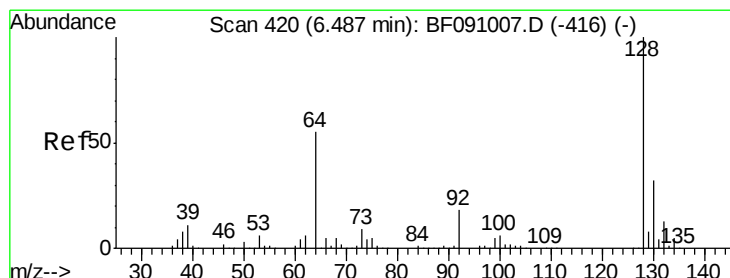
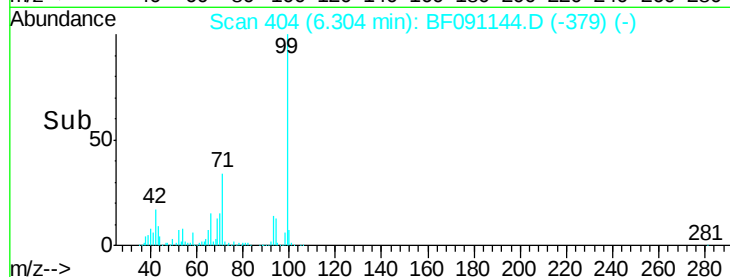
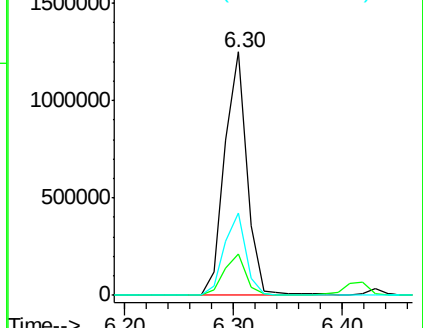
71 33.7 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.78 ng

RT: 6.43 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

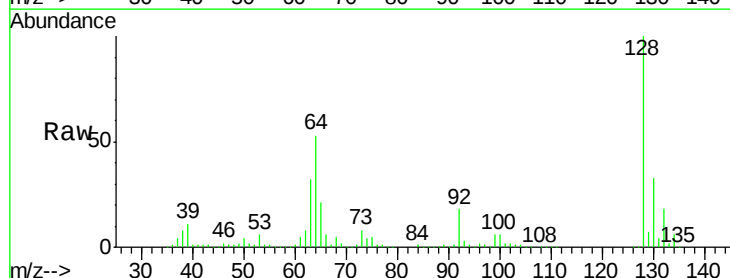
Tgt Ion: 128 Resp: 584256

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

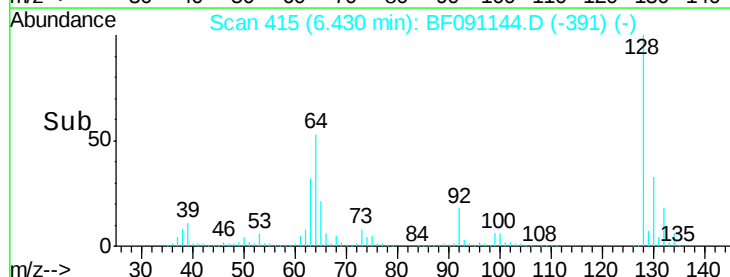
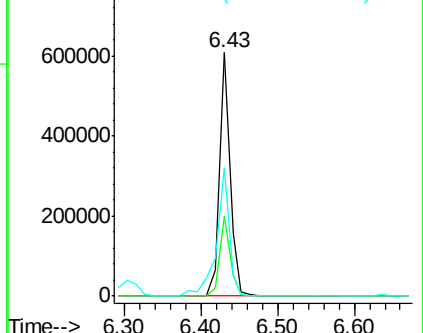
64 52.9 37.2 77.2

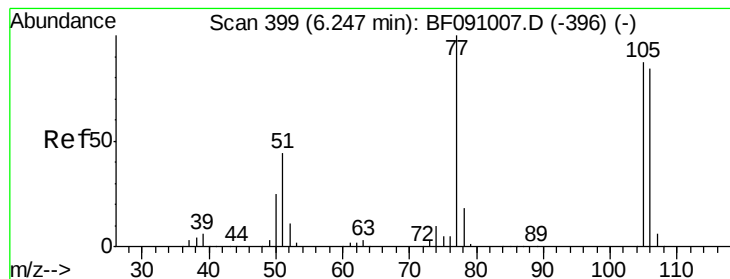


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.50 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampled :

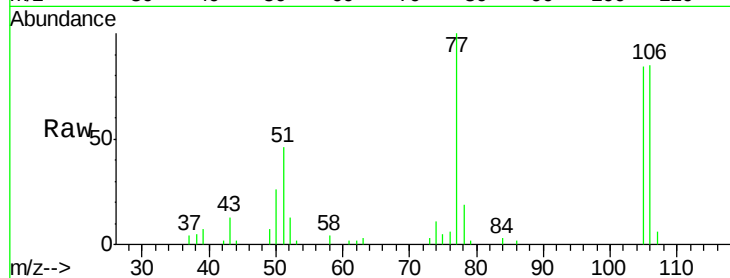
Tot Ion: 77 Resp: 57432

Ion Ratio Lower Upper

77 100

105 84.4 66.8 106.8

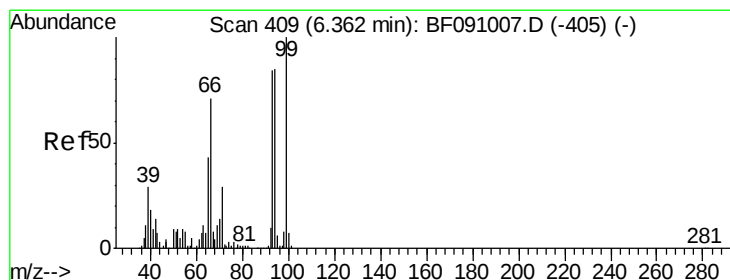
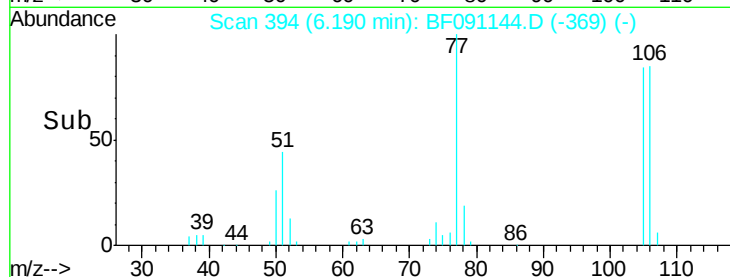
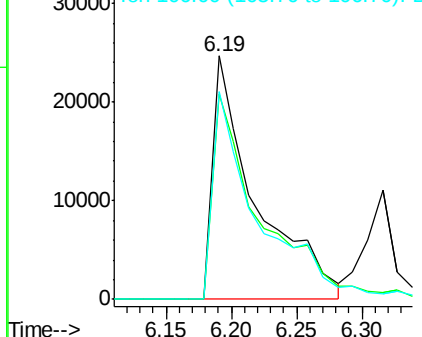
106 85.4 64.0 104.0



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: 39.52 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

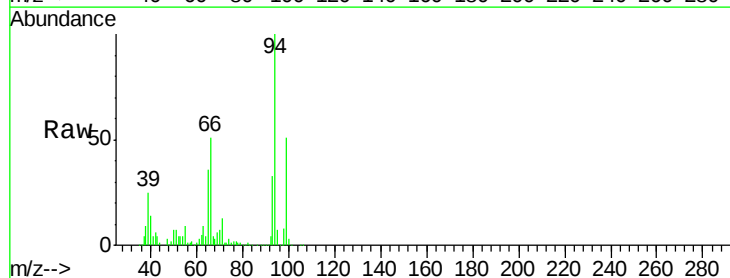
Tgt Ion: 94 Resp: 695949

Ion Ratio Lower Upper

94 100

65 36.1 30.4 70.4

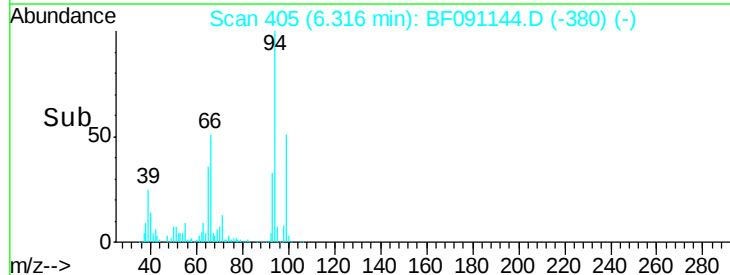
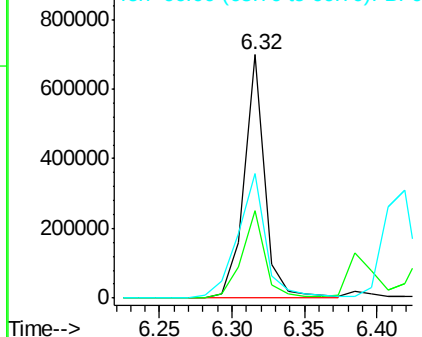
66 51.1 62.9 102.9#



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

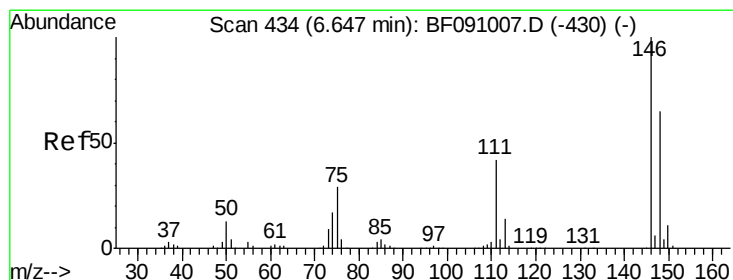
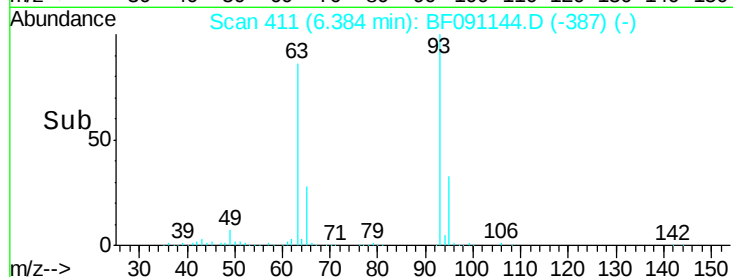
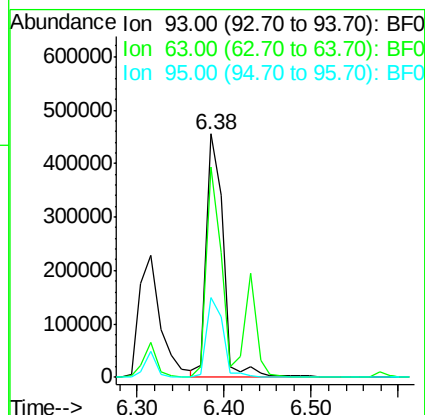
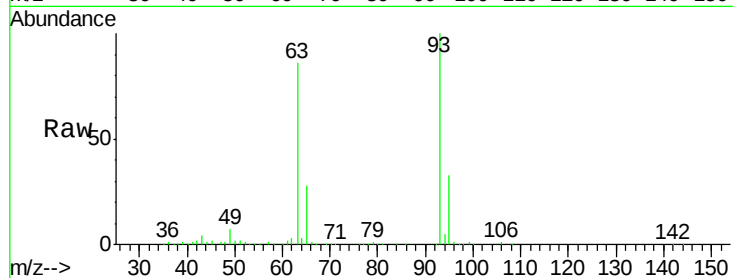




#11
bis(2-Chloroethyl)ether
Concen: 40.64 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

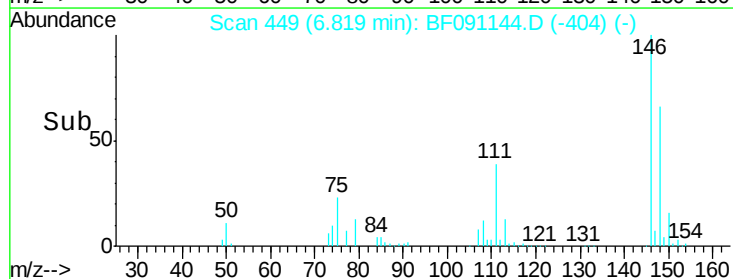
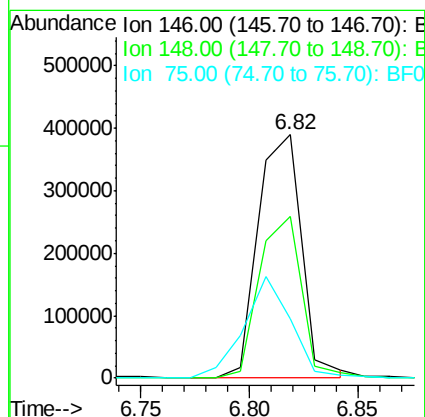
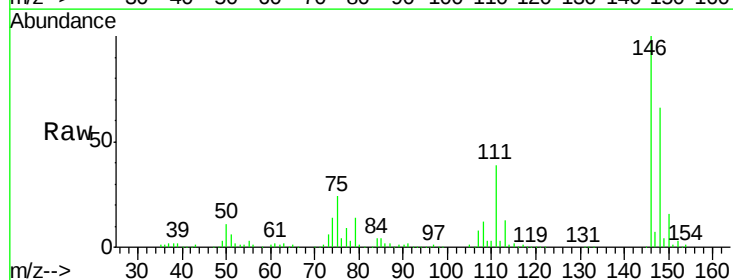
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 603070
Ion Ratio Lower Upper
93 100
63 86.4 68.9 108.9
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.35 ng
RT: 6.82 min Scan# 449
Delta R.T. 0.22 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion: 146 Resp: 542475
Ion Ratio Lower Upper
146 100
148 66.5 52.0 78.0
75 24.4 23.0 34.6

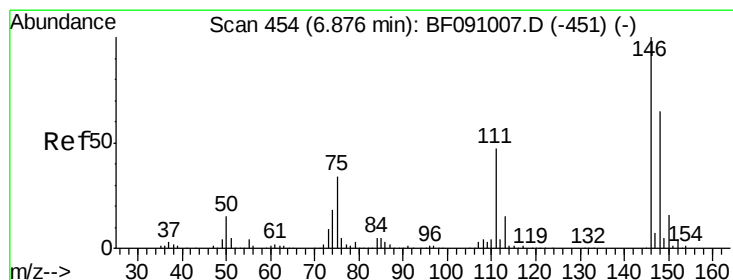
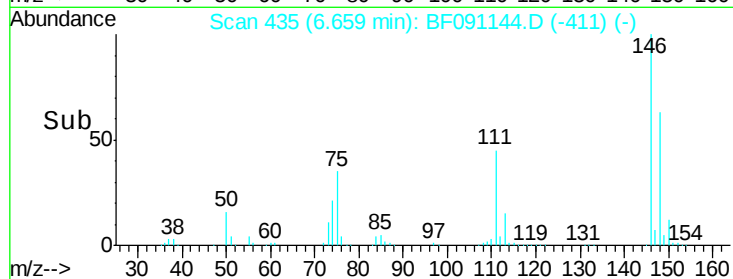
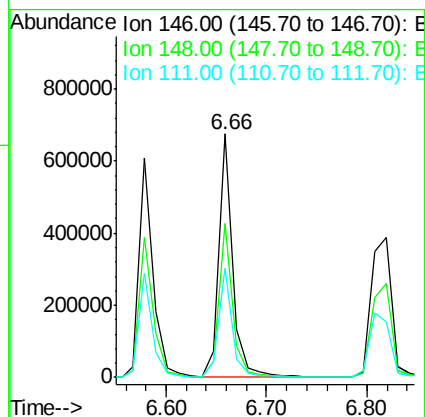
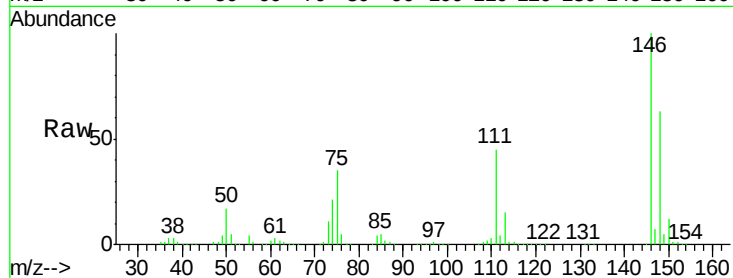




#13
 1,4-Dichlorobenzene
 Concen: 42.52 ng
 RT: 6.66 min Scan# 435
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

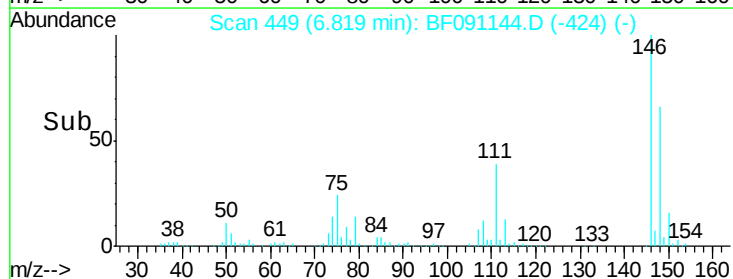
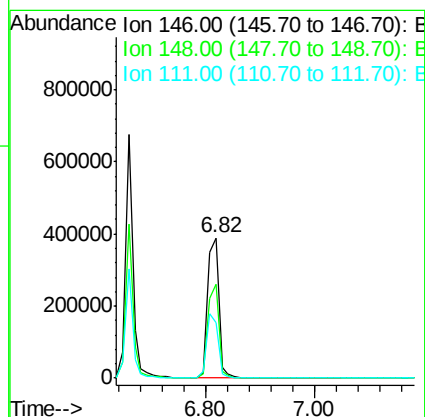
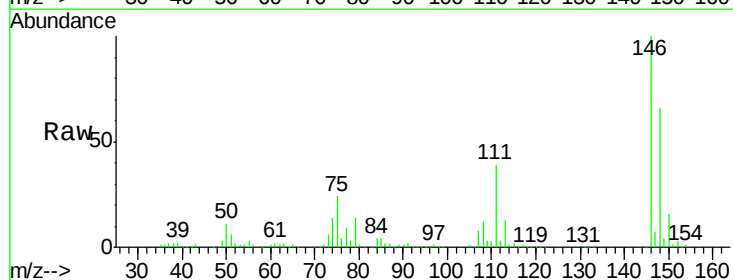
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 645258
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.1 78.1
 111 44.8 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 40.09 ng
 RT: 6.82 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion:146 Resp: 558430
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.6 77.4
 111 39.2 37.3 55.9





#15

Benzyl Alcohol

Concen: 42.97 ng

RT: 6.81 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

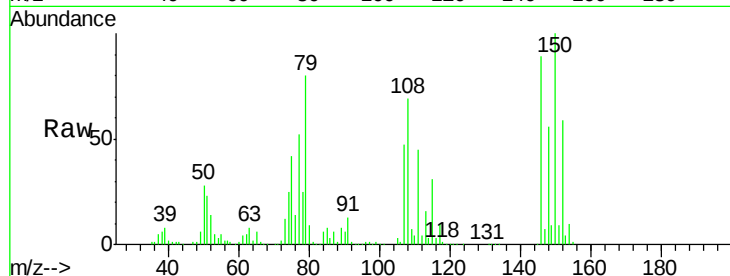
Tot Ion: 79 Resp: 482339

Ion Ratio Lower Upper

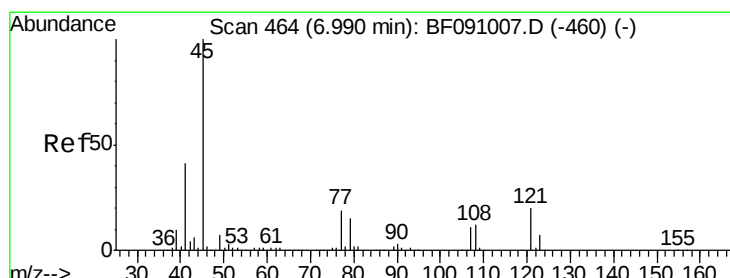
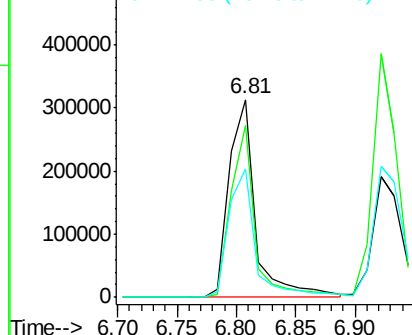
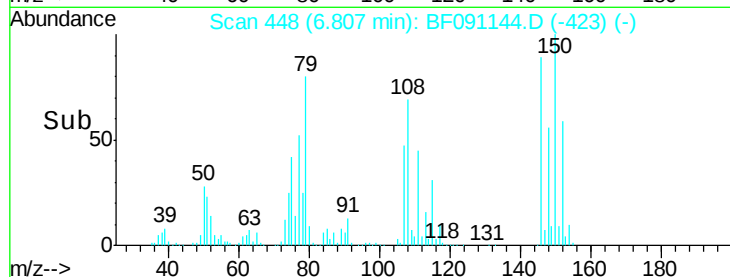
79 100

108 86.8 55.7 83.5#

77 65.2 52.6 79.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.04 ng

RT: 6.93 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

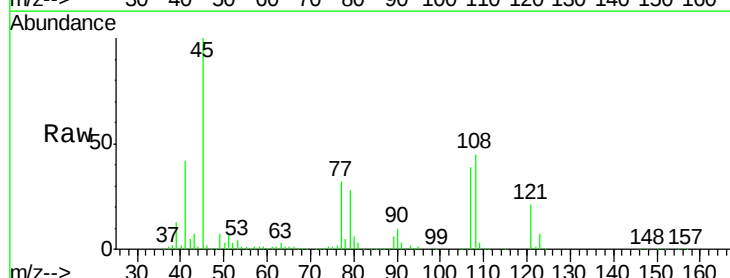
Tgt Ion: 45 Resp: 744722

Ion Ratio Lower Upper

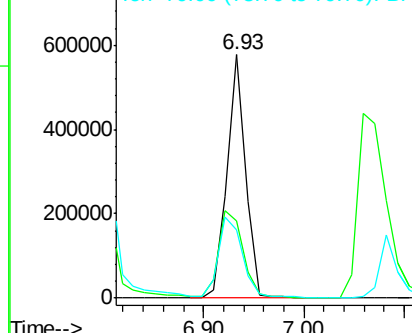
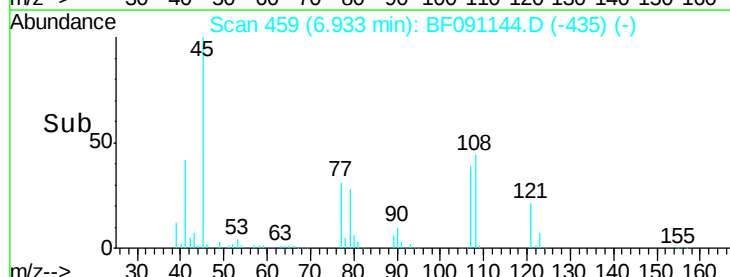
45 100

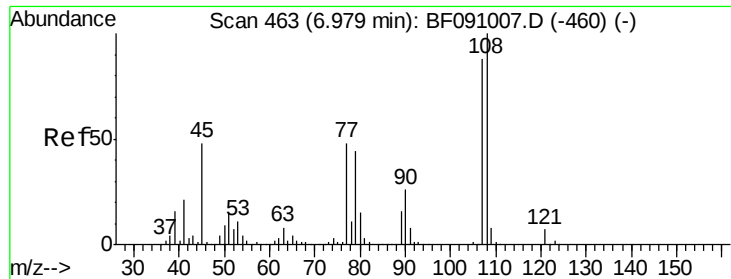
77 31.9 0.0 39.6

79 27.9 0.0 35.9



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

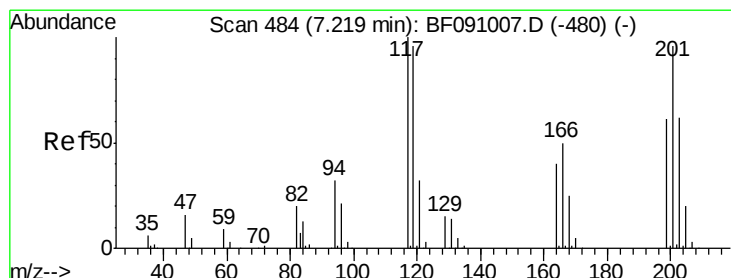
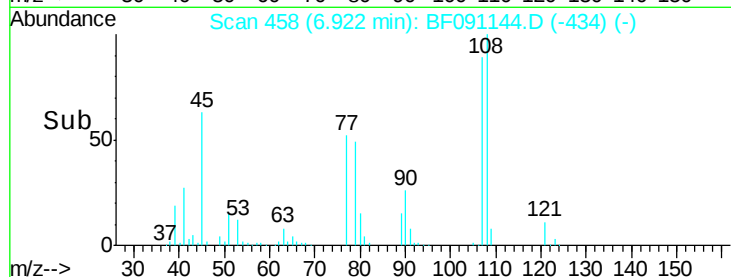
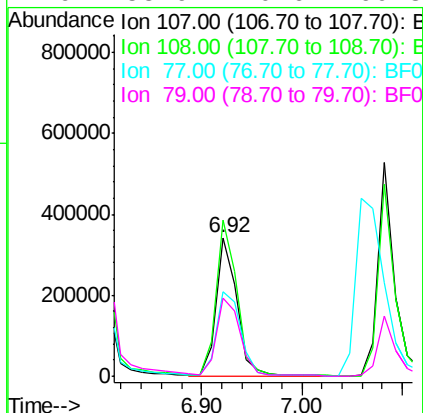
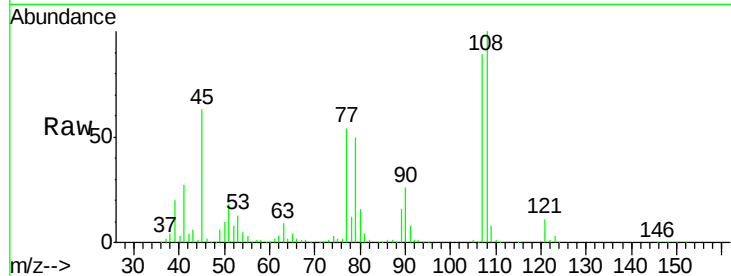




#17
2-Methylphenol
Concen: 43.75 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

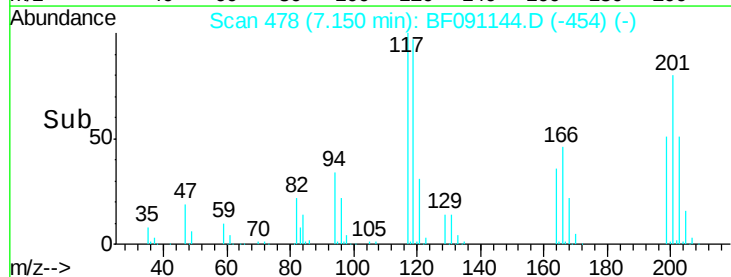
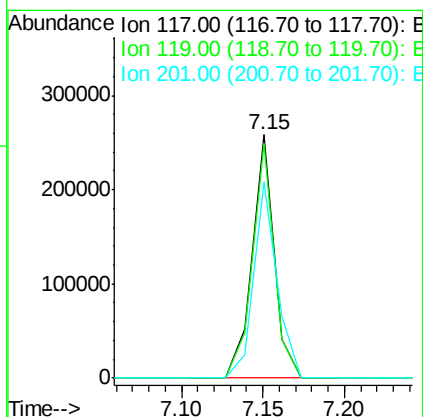
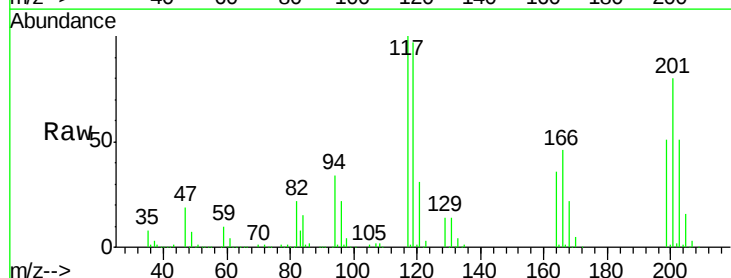
Instrument :
BNA_F
ClientSampled :

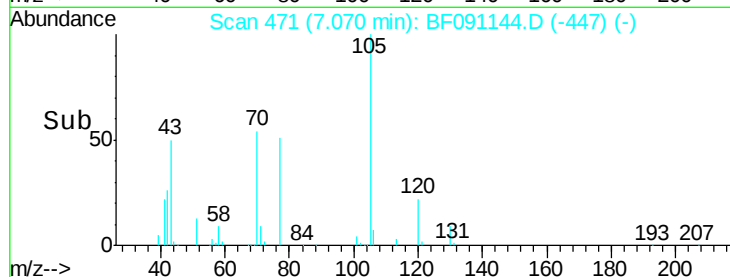
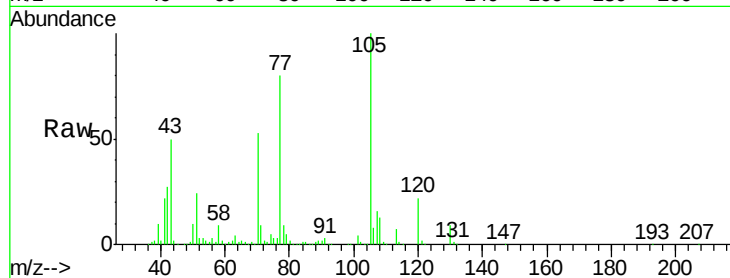
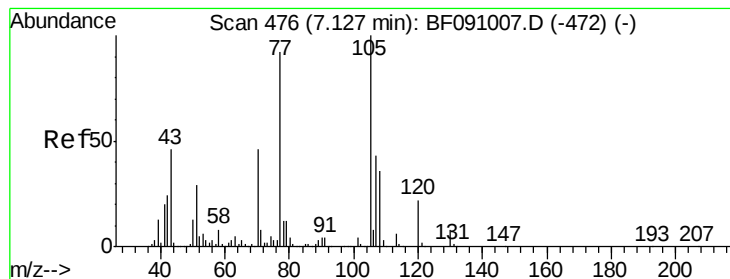
Tot Ion:	107	Resp:	484371
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.0	136.6
77	60.5	43.8	65.8
79	55.9	40.6	60.8



#18
Hexachloroethane
Concen: 41.13 ng
RT: 7.15 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:	117	Resp:	241545
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.6	115.0
201	80.5	77.1	115.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.10 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 464320

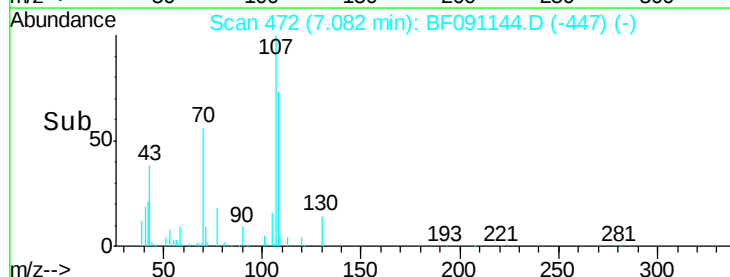
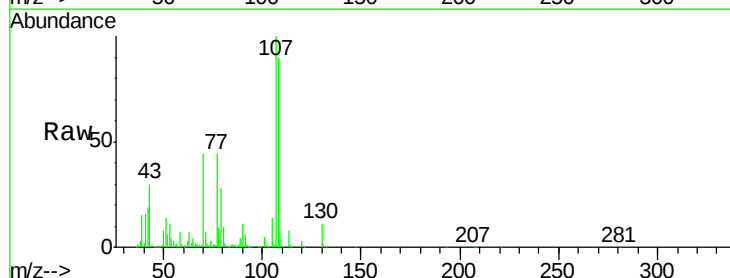
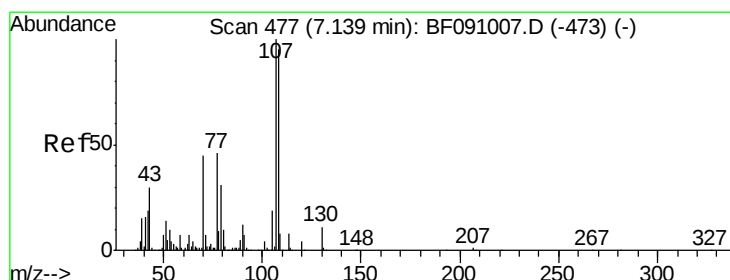
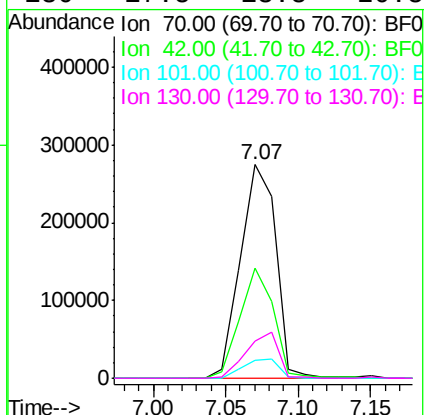
Ion Ratio Lower Upper

70 100

42 51.6 41.7 62.5

101 8.3 6.7 10.1

130 17.5 13.8 20.8



#20

3+4-Methylphenols

Concen: 46.82 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tgt Ion:107 Resp: 622370

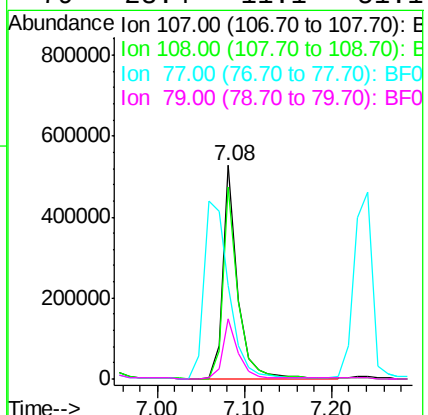
Ion Ratio Lower Upper

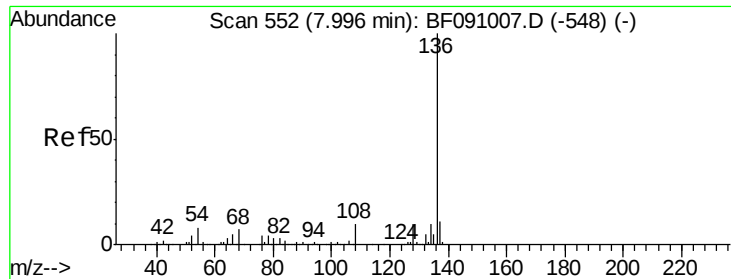
107 100

108 89.8 75.5 115.5

77 43.7 26.4 66.4

79 28.4 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 801572

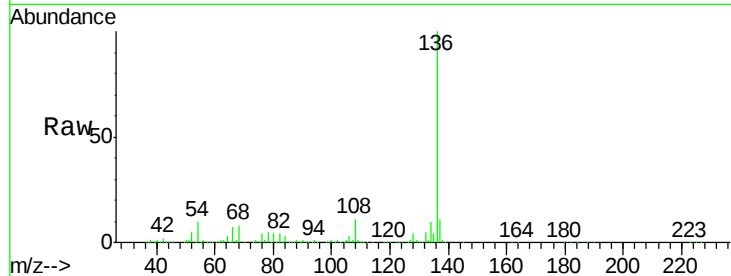
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.6 6.2 9.2#

68 8.3 5.5 8.3#

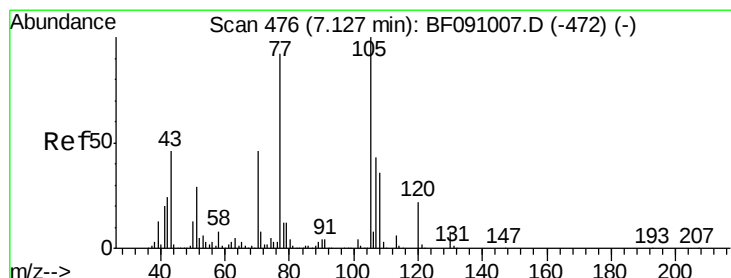
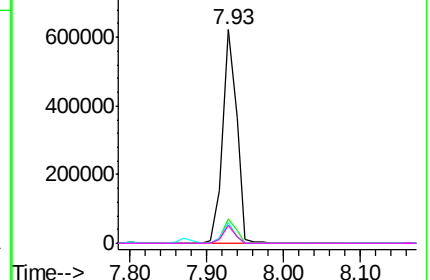
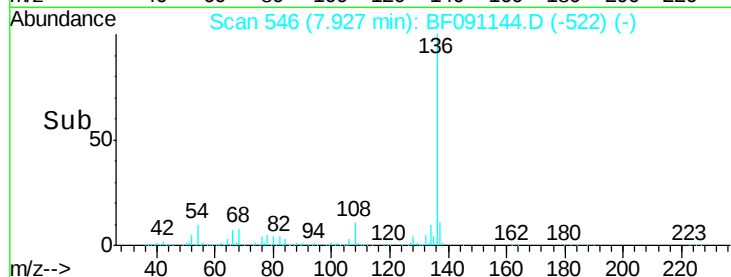


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.79 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tgt Ion:105 Resp: 845020

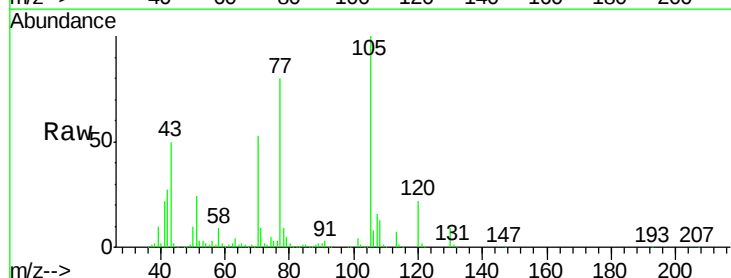
Ion Ratio Lower Upper

105 100

71 8.9 6.2 9.2

51 23.7 23.3 34.9

120 21.5 17.4 26.0

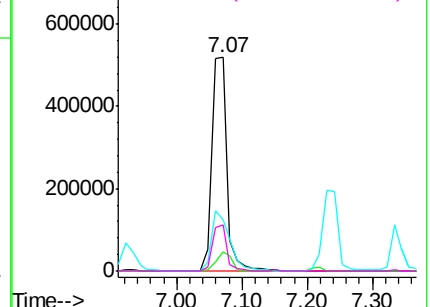
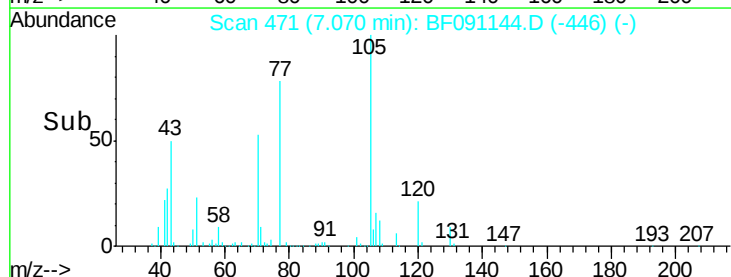


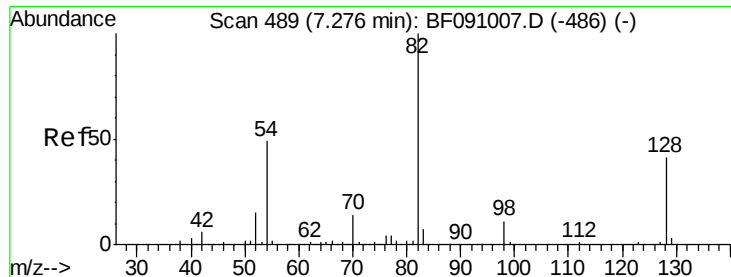
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

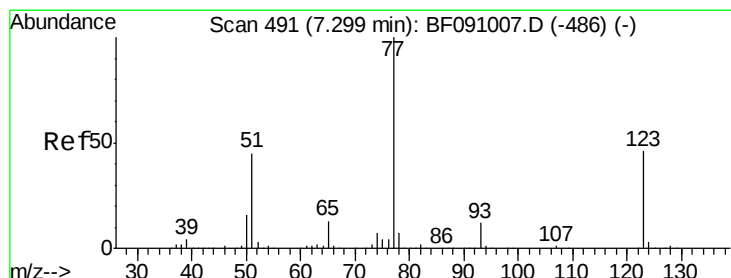
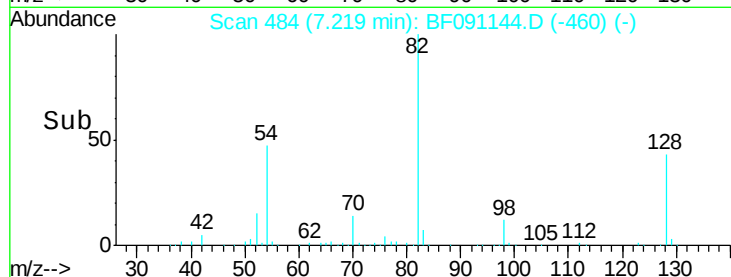
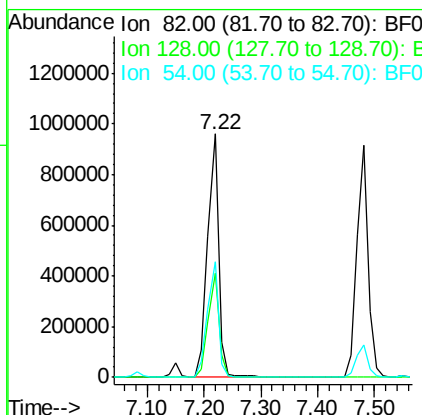
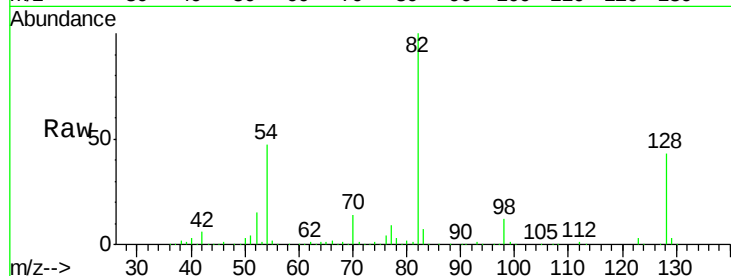




#23
 Nitrobenzene-d5
 Concen: 84.98 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

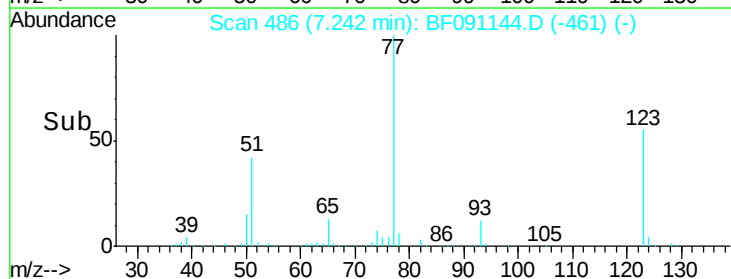
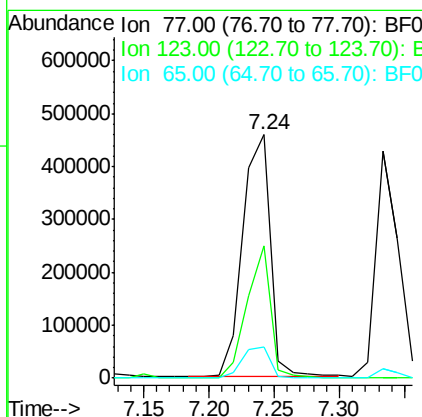
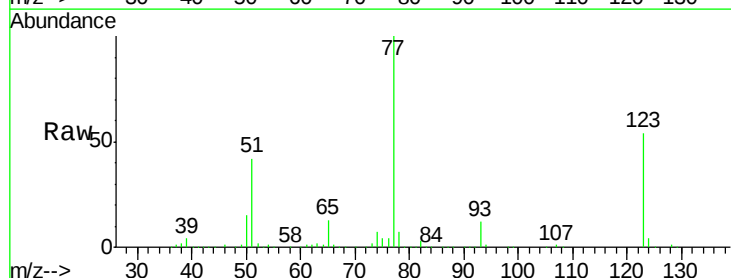
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1248640
 Ion Ratio Lower Upper
 82 100
 128 43.0 32.4 48.6
 54 47.2 39.2 58.8



#24
 Nitrobenzene
 Concen: 41.56 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion: 77 Resp: 674436
 Ion Ratio Lower Upper
 77 100
 123 54.3 36.5 54.7
 65 12.9 10.7 16.1





#25

Isophorone

Concen: 45.24 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

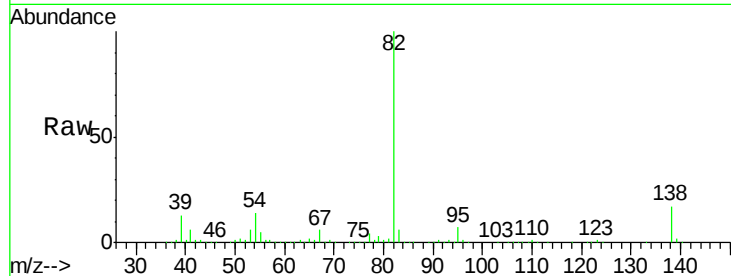
Tot Ion: 82 Resp: 1280994

Ion Ratio Lower Upper

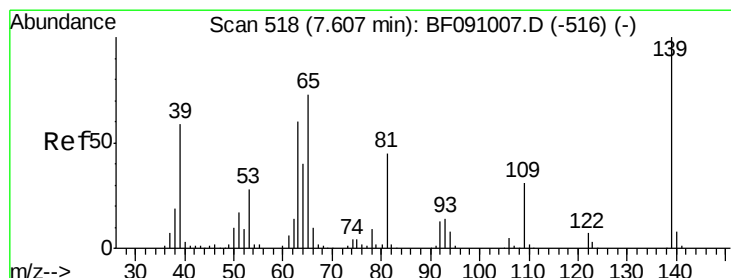
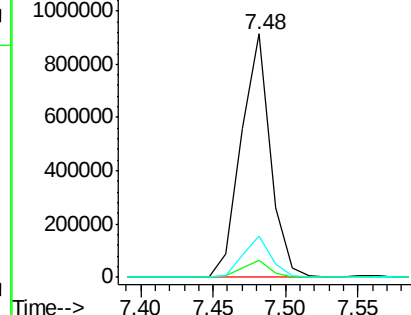
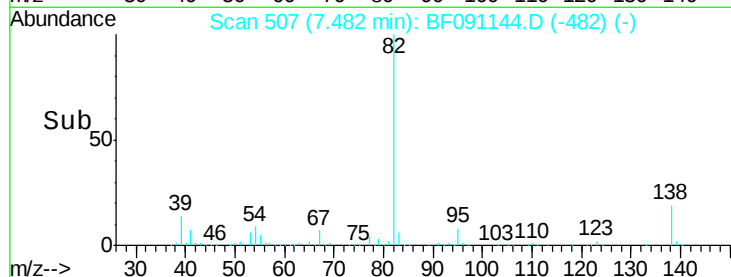
82 100

95 6.8 5.4 8.0

138 17.1 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.03 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

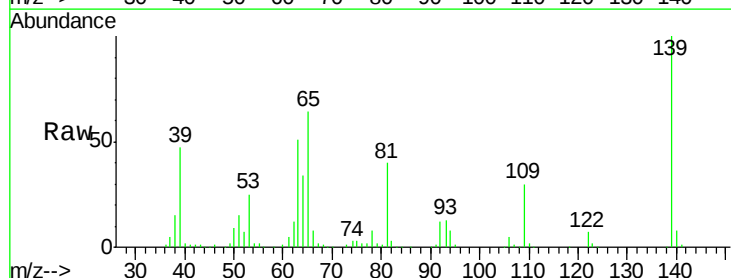
Tgt Ion: 139 Resp: 316094

Ion Ratio Lower Upper

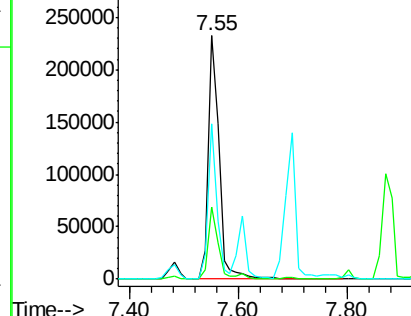
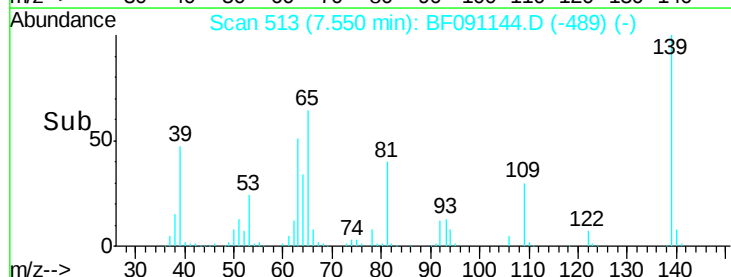
139 100

109 29.8 24.7 37.1

65 64.0 58.3 87.5



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





#27

2,4-Dimethylphenol

Concen: 48.53 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampled :

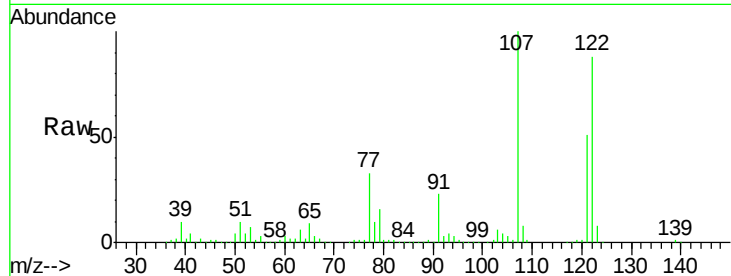
Tot Ion:122 Resp: 551217

Ion Ratio Lower Upper

122 100

107 113.4 89.6 134.4

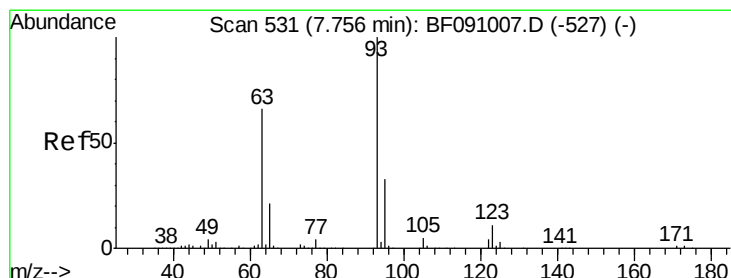
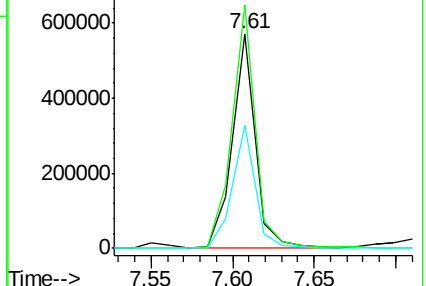
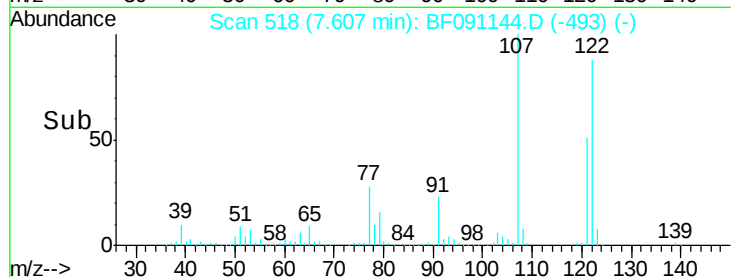
121 57.4 46.3 69.5



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: 51.82 ng

RT: 7.70 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

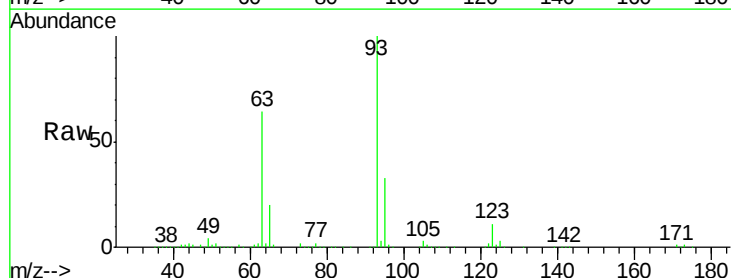
Tgt Ion: 93 Resp: 801588

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

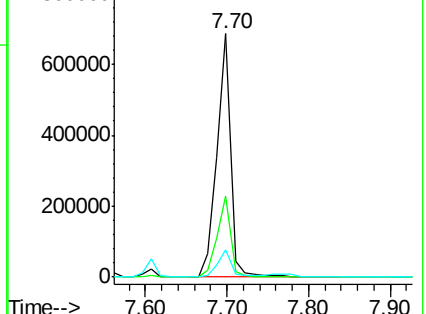
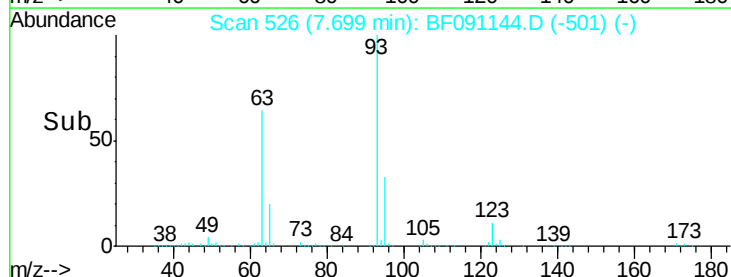
123 11.4 8.7 13.1

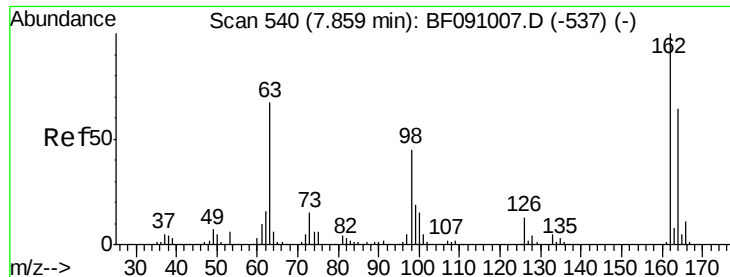


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

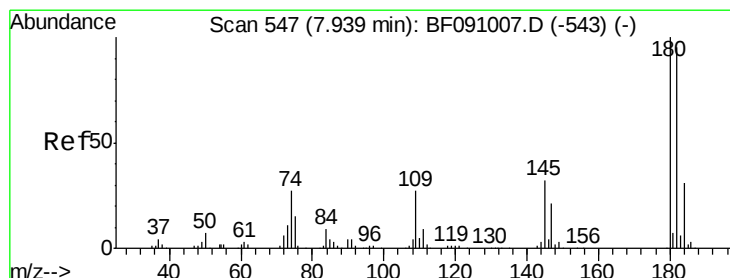
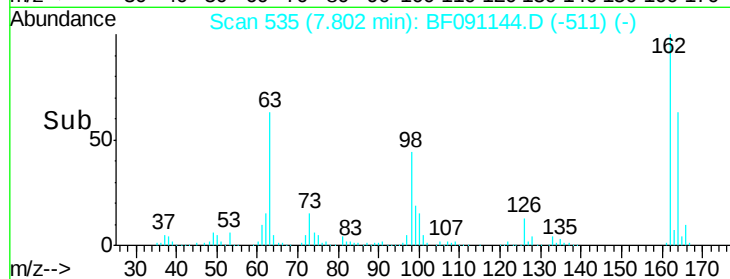
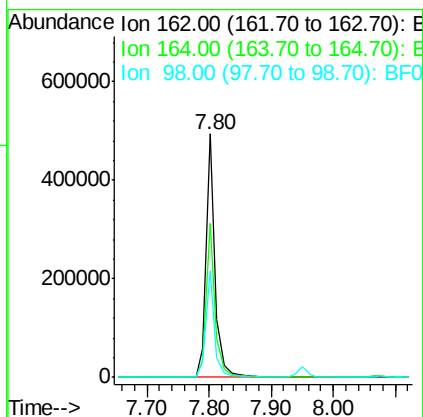
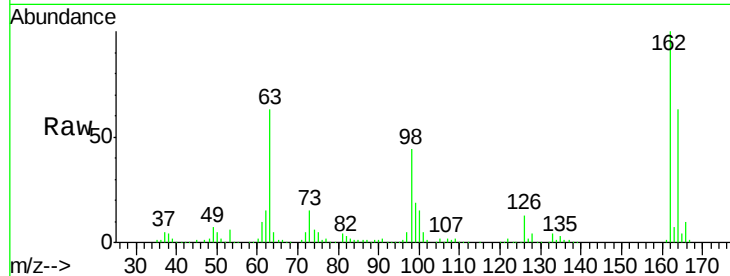




#29
2,4-Dichlorophenol
Concen: 50.36 ng
RT: 7.80 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

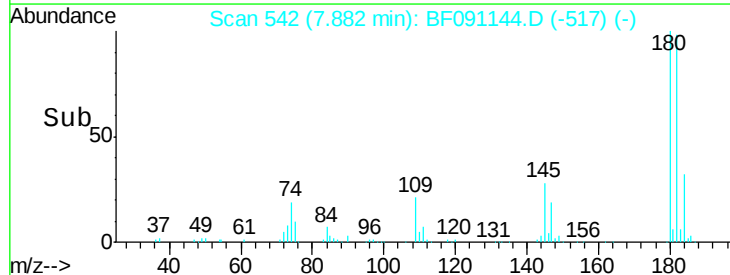
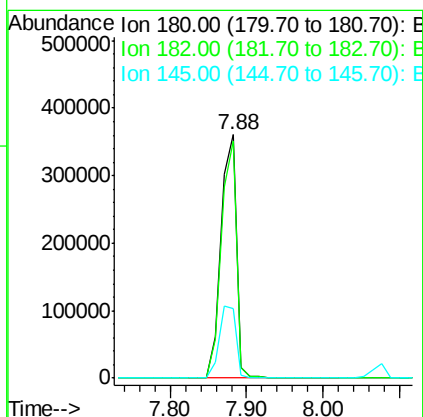
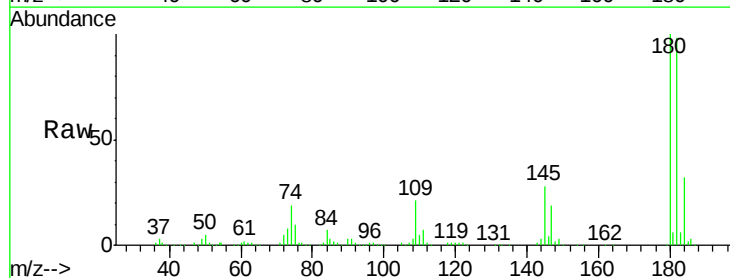
Instrument :
BNA_F
ClientSampleId :

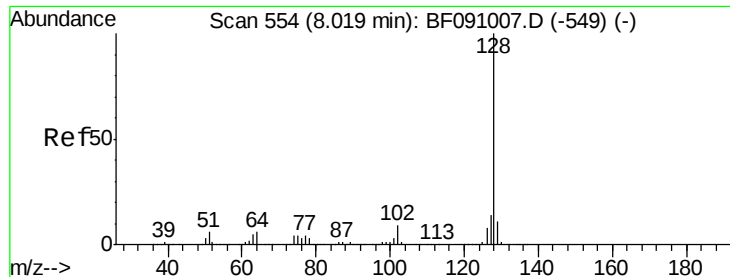
Tot Ion:162 Resp: 499231
Ion Ratio Lower Upper
162 100
164 63.5 44.4 84.4
98 44.0 25.2 65.2



#30
1,2,4-Trichlorobenzene
Concen: 46.25 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:180 Resp: 515509
Ion Ratio Lower Upper
180 100
182 97.6 76.0 114.0
145 28.3 25.8 38.8





#31

Naphthalene

Concen: 43.27 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

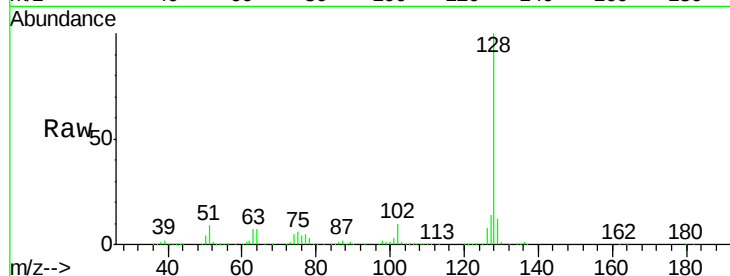
Tot Ion:128 Resp: 1658566

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

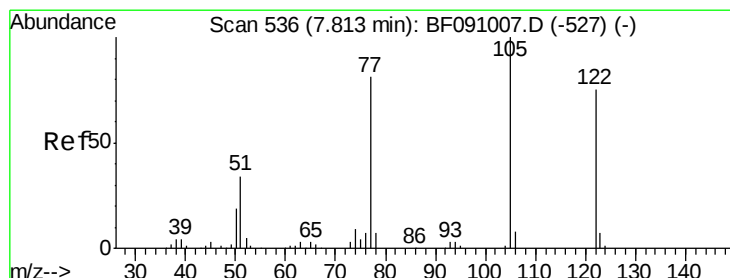
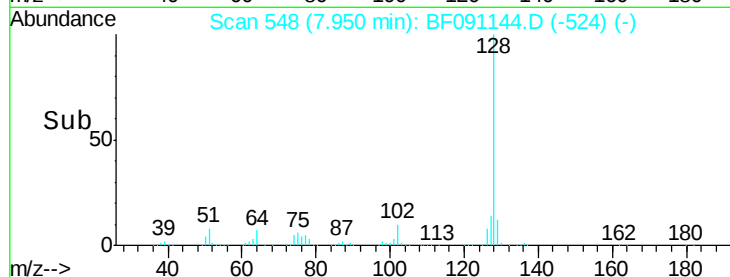
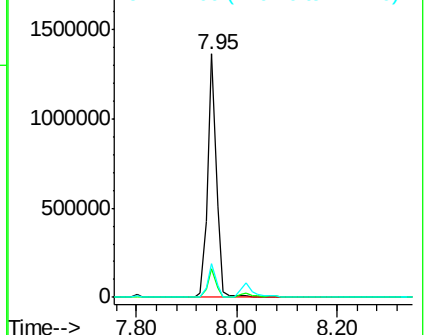
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.56 ng

RT: 7.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

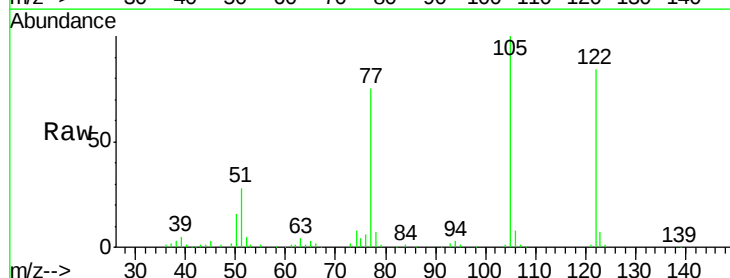
Tgt Ion:122 Resp: 321840

Ion Ratio Lower Upper

122 100

105 118.5 105.9 145.9

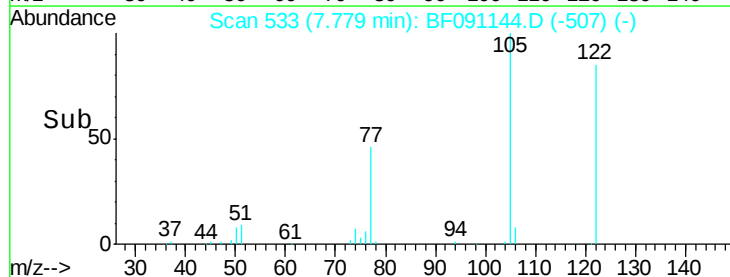
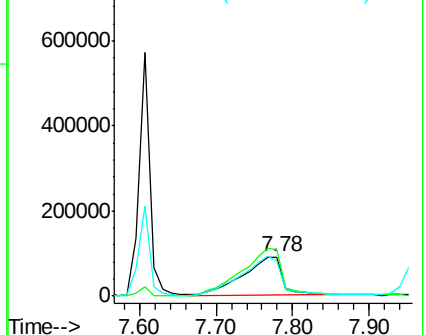
77 89.0 84.0 124.0



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

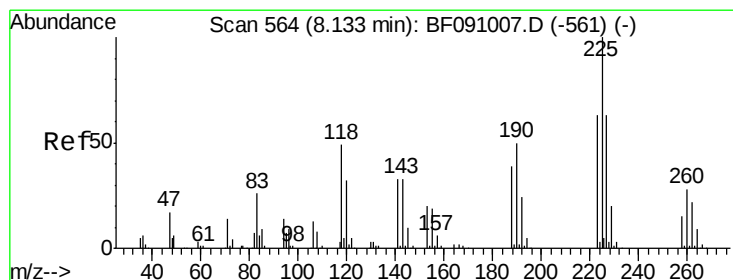
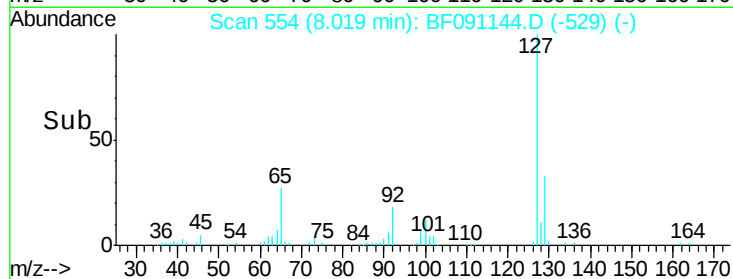
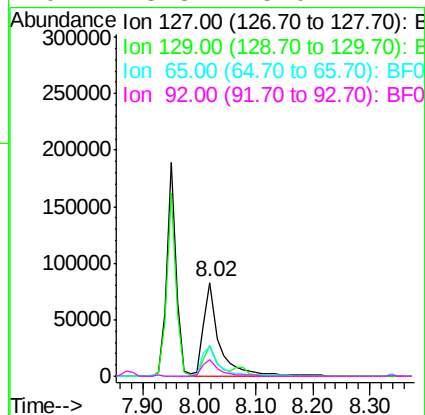
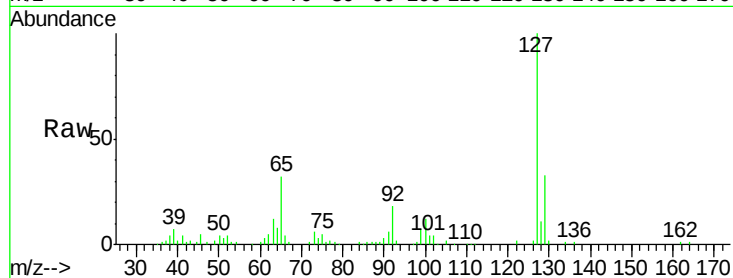




#33
4-Chloroaniline
Concen: 9.61 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

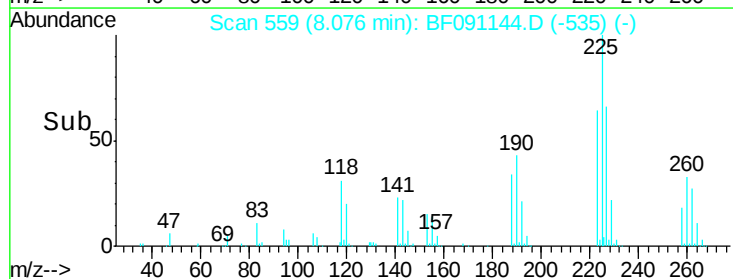
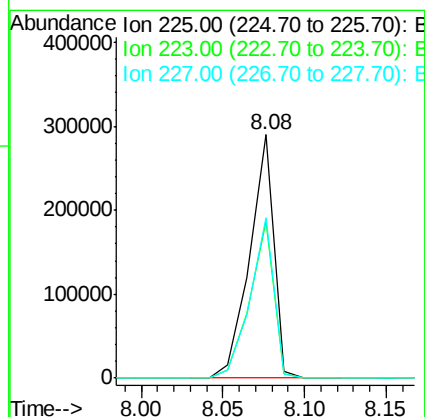
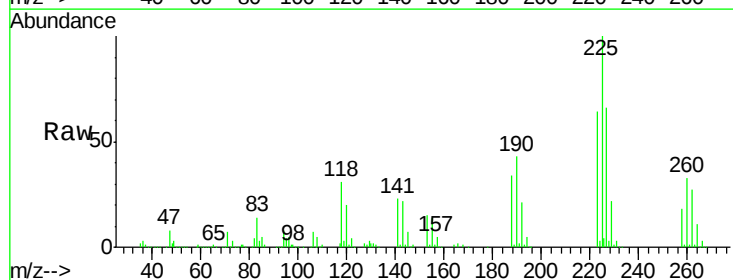
Instrument :
BNA_F
ClientSampleId :

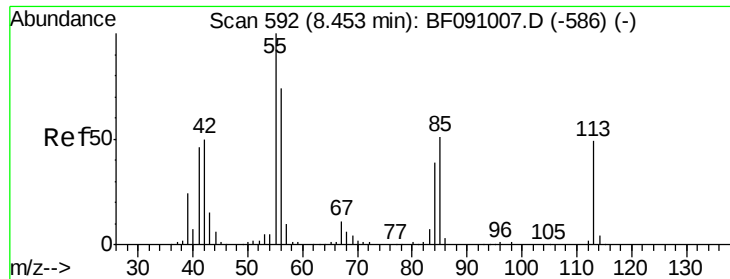
Tot Ion:	127	Resp:	153265
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	31.6	22.2	33.2
92	18.3	15.0	22.4



#34
Hexachlorobutadiene
Concen: 49.44 ng
RT: 8.08 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:	225	Resp:	297399
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.4	75.6
227	65.8	50.1	75.1





#35

Caprolactam

Concen: 27.35 ng

RT: 8.40 min Scan# 587

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

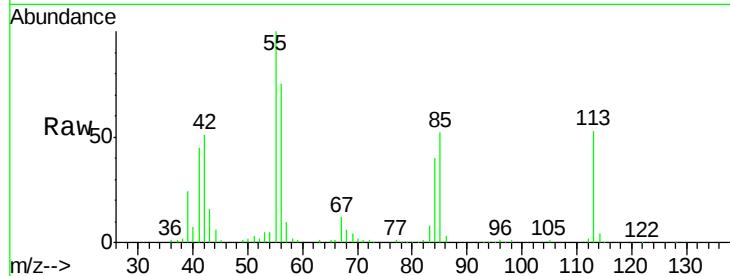
Tot Ion:113 Resp: 85179

Ion Ratio Lower Upper

113 100

55 189.5 184.1 224.1

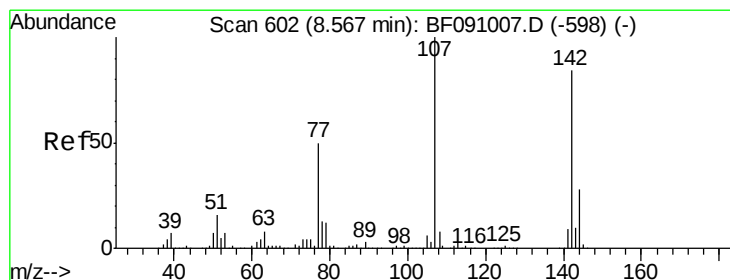
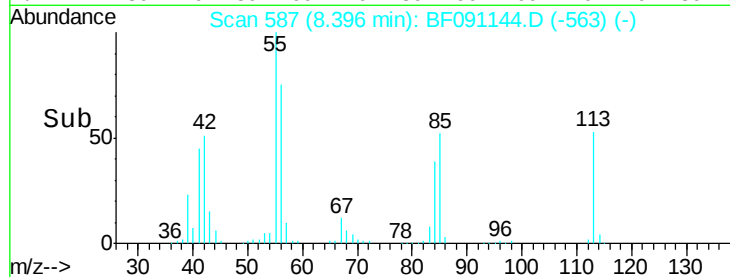
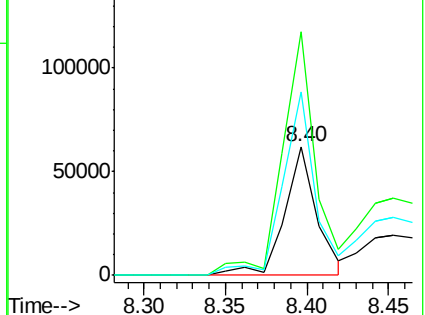
56 142.7 132.0 172.0



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: 48.50 ng

RT: 8.52 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

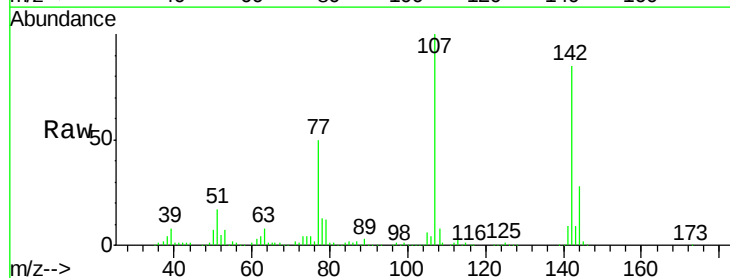
Tgt Ion:107 Resp: 582029

Ion Ratio Lower Upper

107 100

144 27.8 22.5 33.7

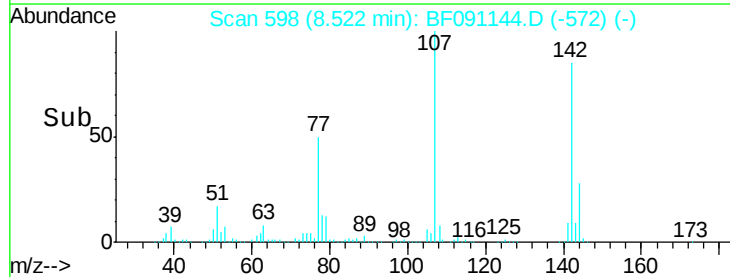
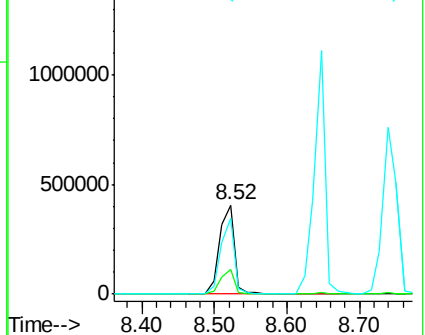
142 84.8 67.4 101.2

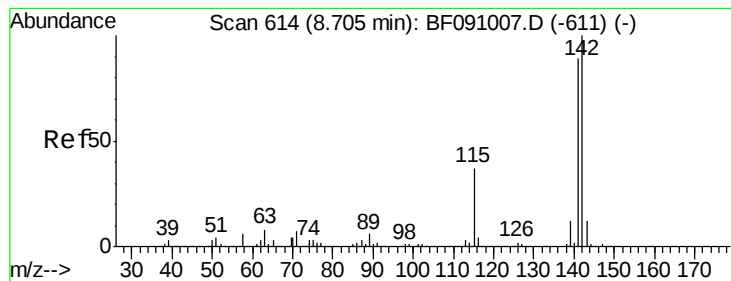


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.17 ng

RT: 8.65 min Scan# 609

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampled :

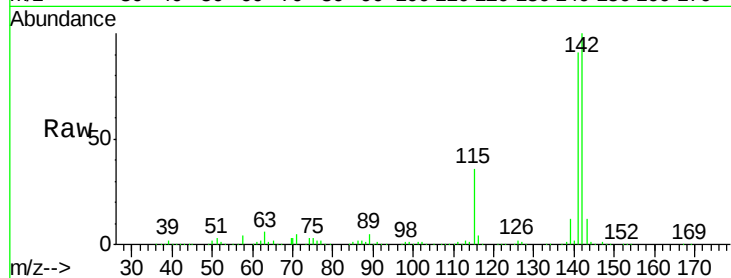
Tot Ion:142 Resp: 1162509

Ion Ratio Lower Upper

142 100

141 90.9 71.3 106.9

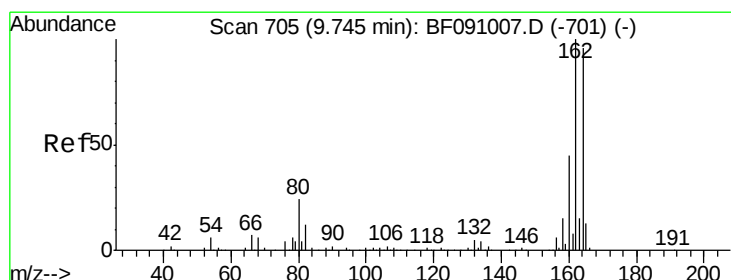
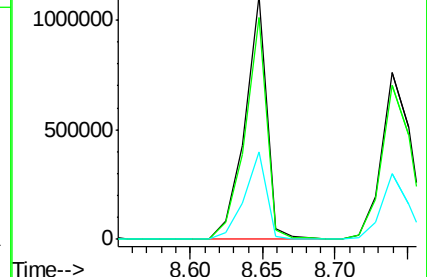
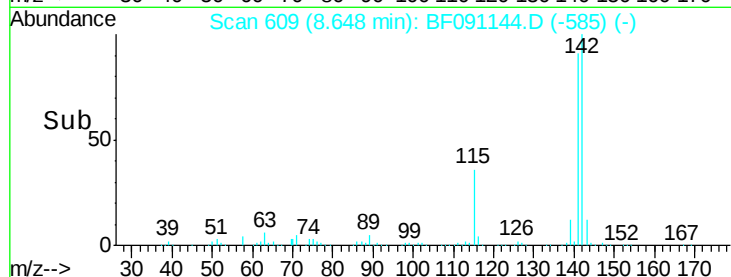
115 35.7 29.9 44.9



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: 9.69 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

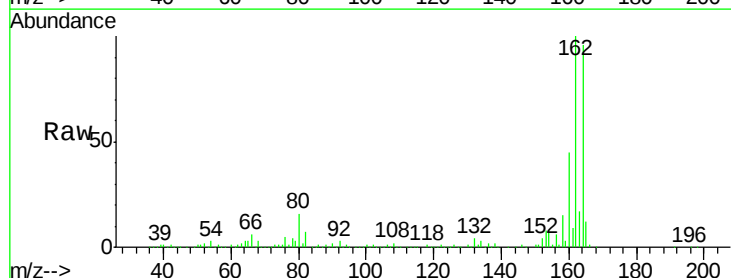
Tgt Ion:164 Resp: 419885

Ion Ratio Lower Upper

164 100

162 104.0 83.6 125.4

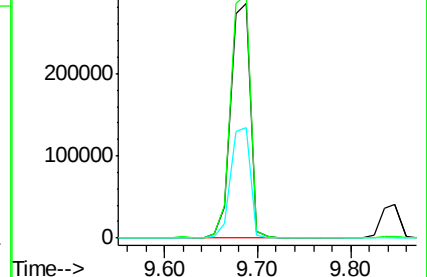
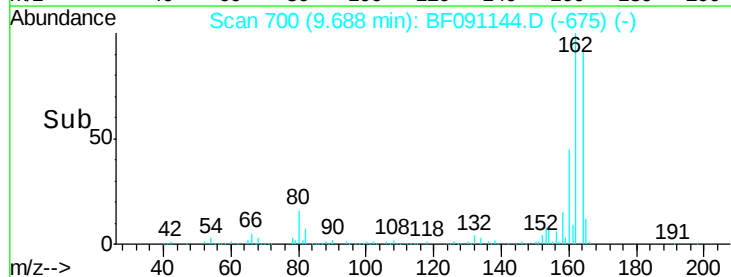
160 46.9 37.9 56.9

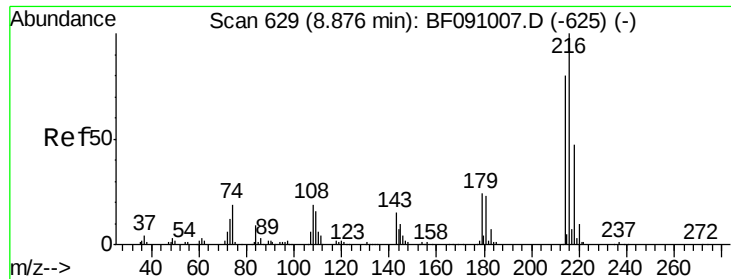


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

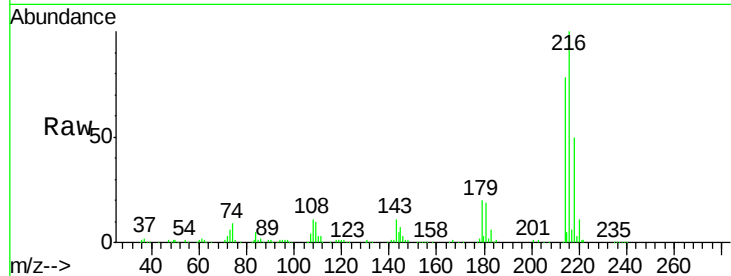




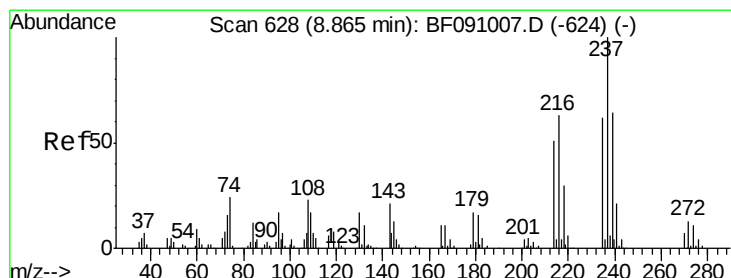
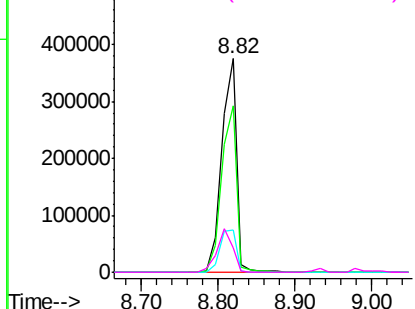
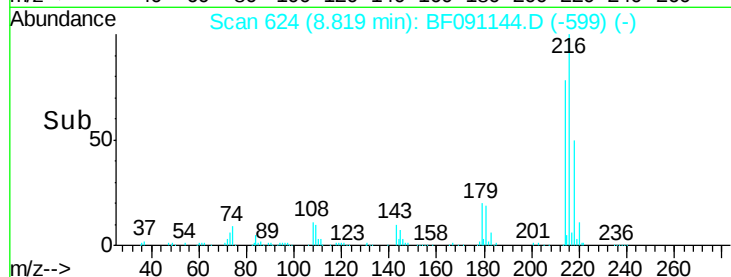
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.63 ng
 RT: 8.82 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	509903
Ion Ratio	Lower	Upper
216	100	
214	79.0	63.5 95.3
179	22.2	19.1 28.7
108	21.6	17.5 26.3

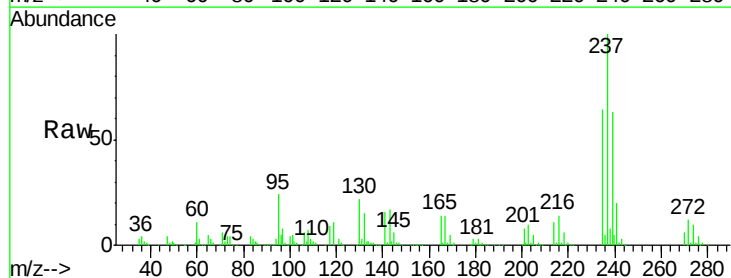


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

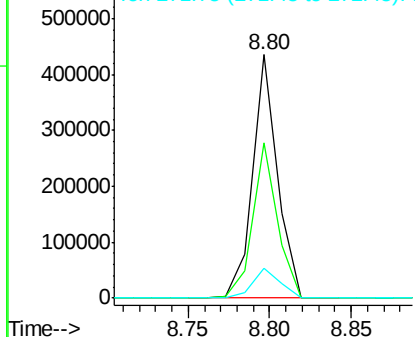
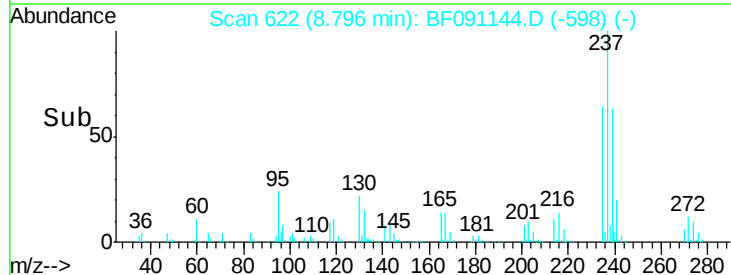


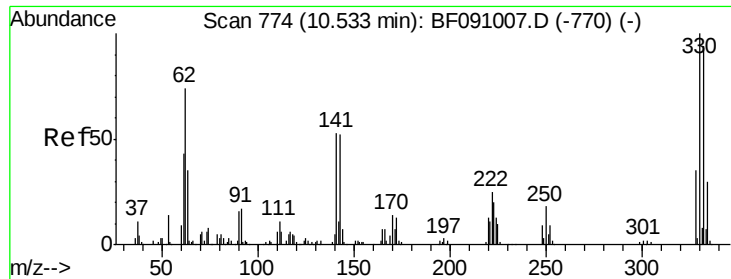
#40
 Hexachlorocyclopentadiene
 Concen: 108.32 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion:237	Resp:	460803
Ion Ratio	Lower	Upper
237	100	
235	63.8	42.1 82.1
272	12.3	0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

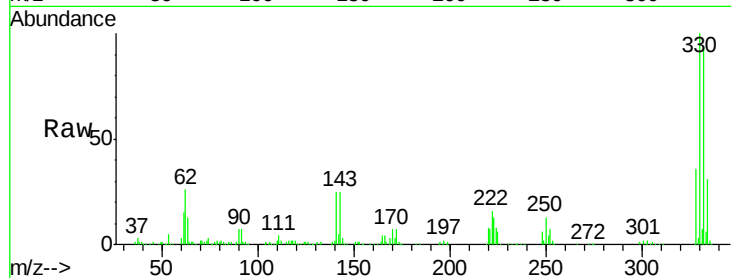




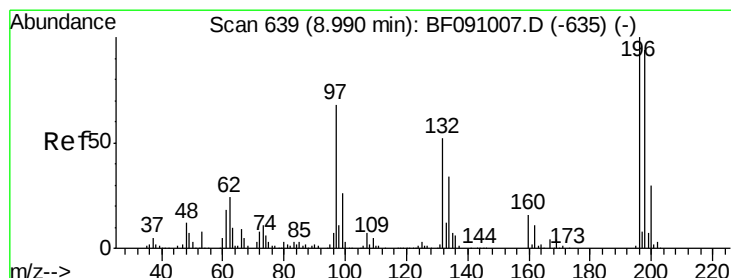
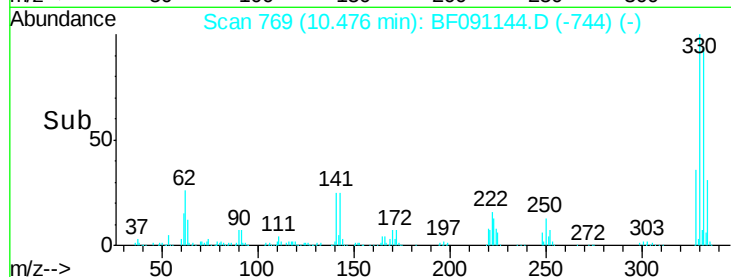
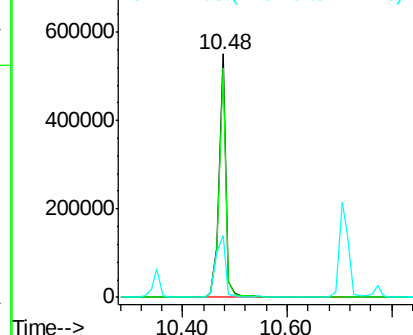
#41
 2,4,6-Tribromophenol
 Concen: 135.13 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.9	113.9
141	36.2	36.1	54.1

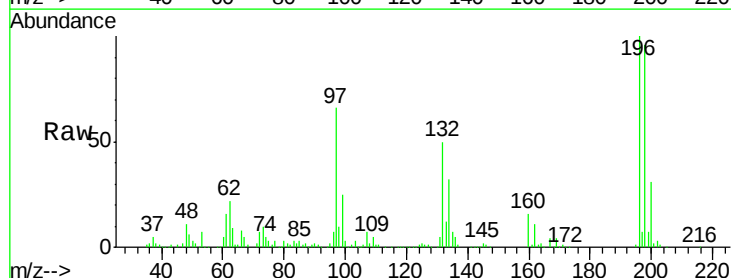


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

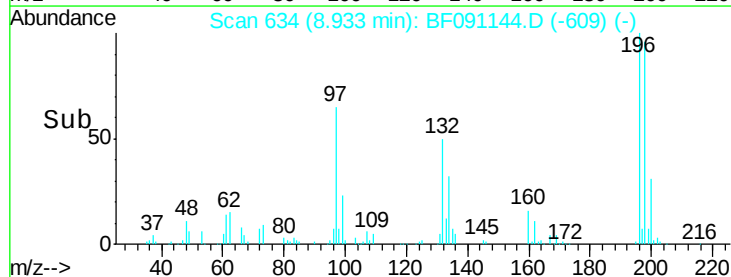
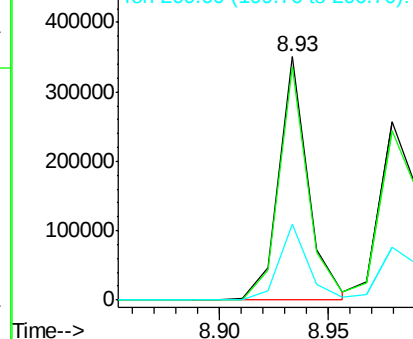


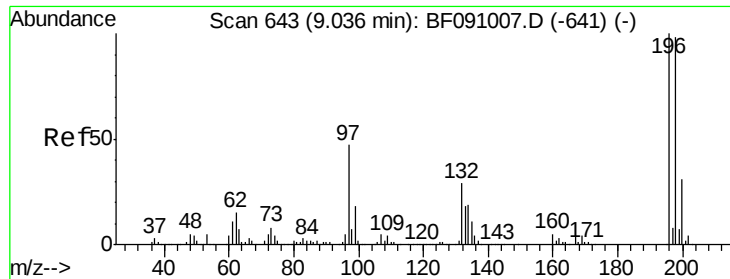
#42
 2,4,6-Trichlorophenol
 Concen: 47.96 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.4	113.0
200	31.0	24.1	36.1



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

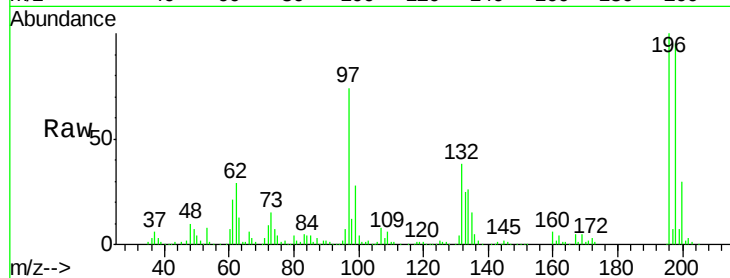




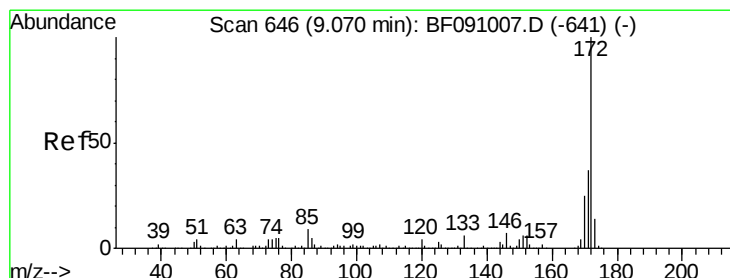
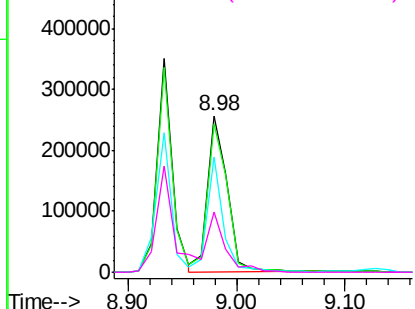
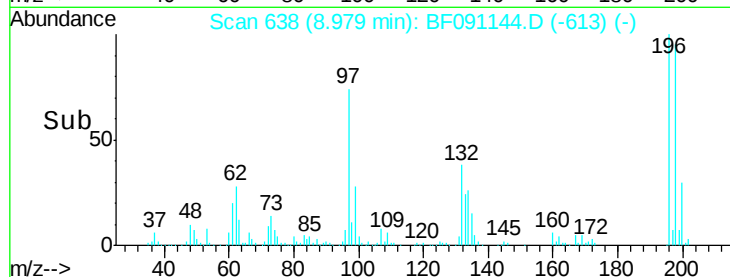
#43
2,4,5-Trichlorophenol
Concen: 44.79 ng
RT: 8.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 325004
Ion Ratio Lower Upper
196 100
198 94.6 78.2 117.4
97 73.8 38.8 58.2#
132 38.5 23.5 35.3#

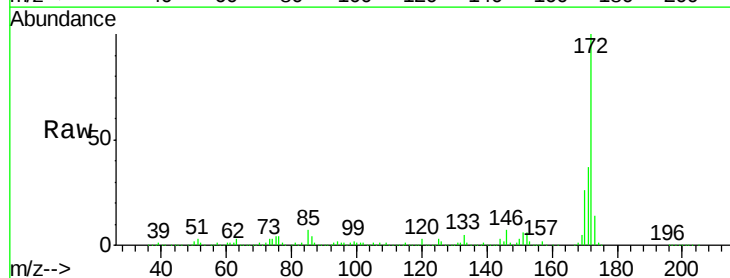


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

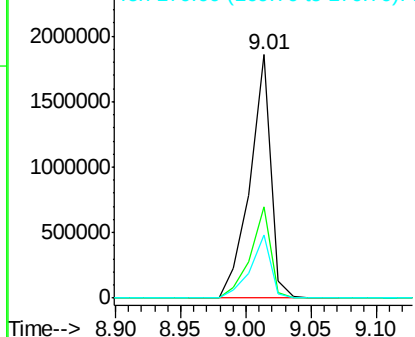
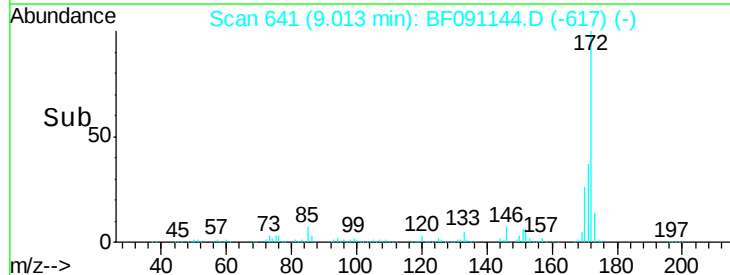


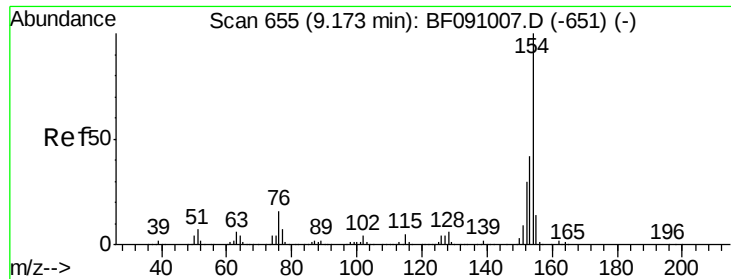
#44
2-Fluorobiphenyl
Concen: 85.17 ng
RT: 9.01 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:172 Resp: 2077151
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.8 20.3 30.5



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





#45

1,1'-Biphenyl

Concen: 45.25 ng

RT: 9.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampled :

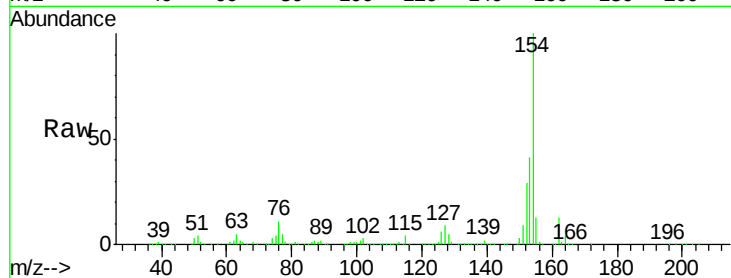
Tot Ion:154 Resp: 1387294

Ion Ratio Lower Upper

154 100

153 40.7 21.6 61.6

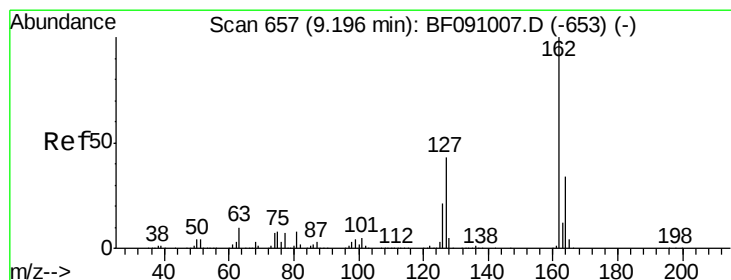
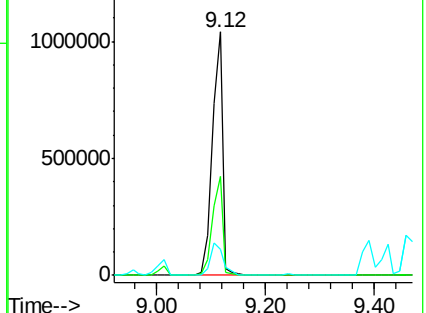
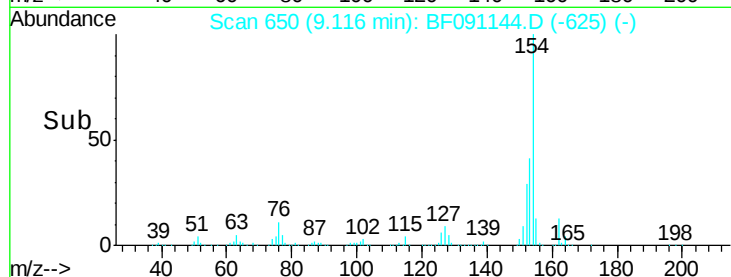
76 10.5 0.0 36.2



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: 46.26 ng

RT: 9.14 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

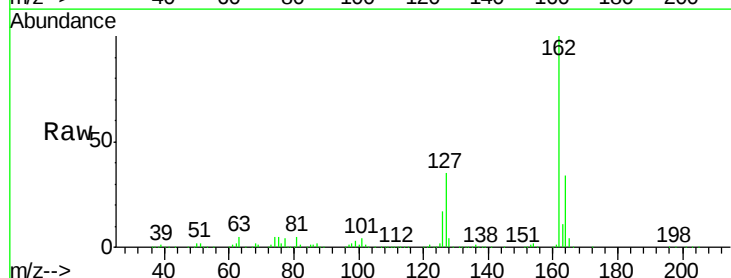
Tgt Ion:162 Resp: 1076730

Ion Ratio Lower Upper

162 100

127 35.1 34.7 52.1

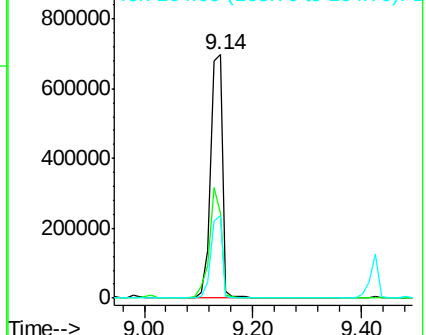
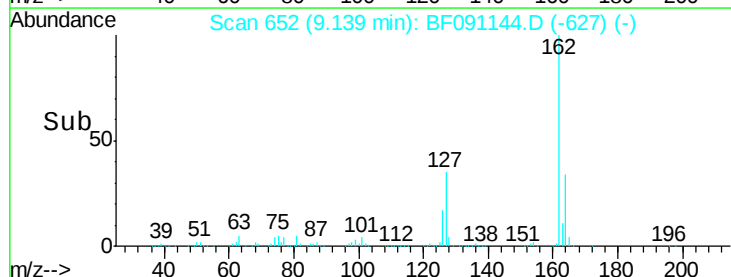
164 33.9 27.0 40.4

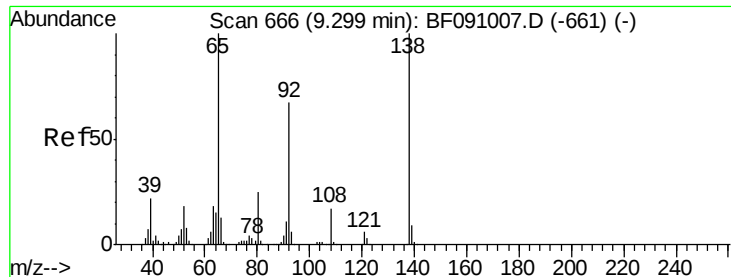


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

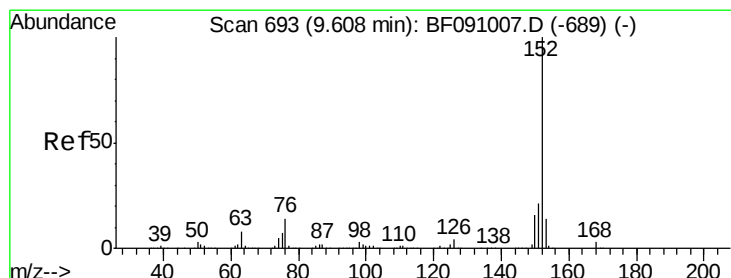
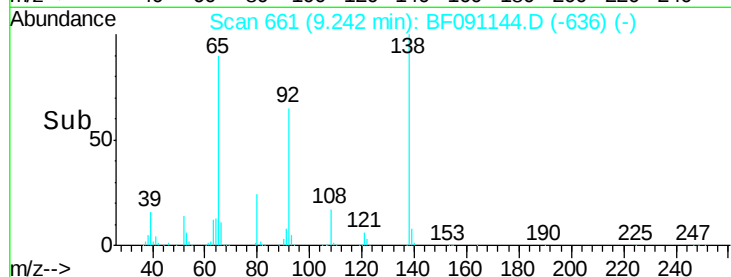
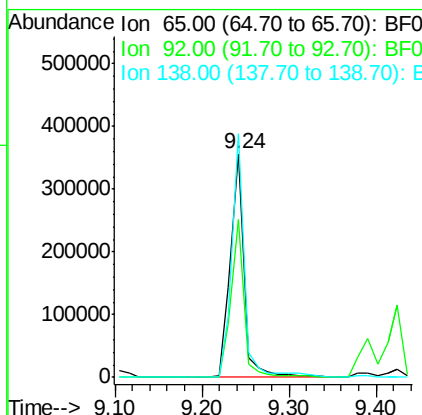
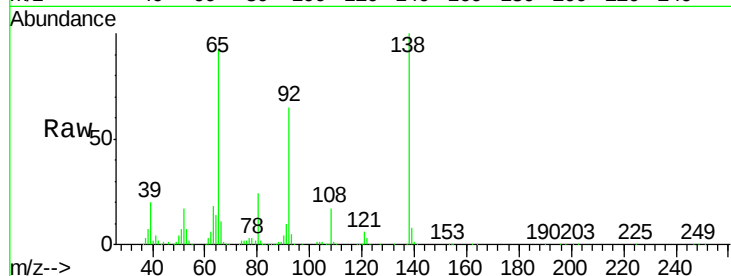




#47
2-Nitroaniline
Concen: 45.95 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

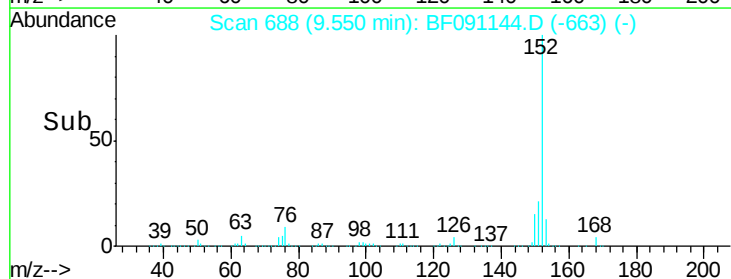
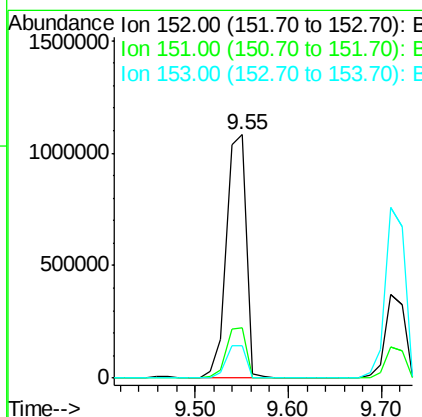
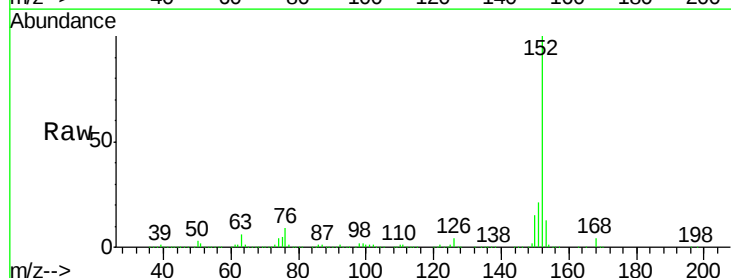
Instrument :
BNA_F
ClientSampleId :

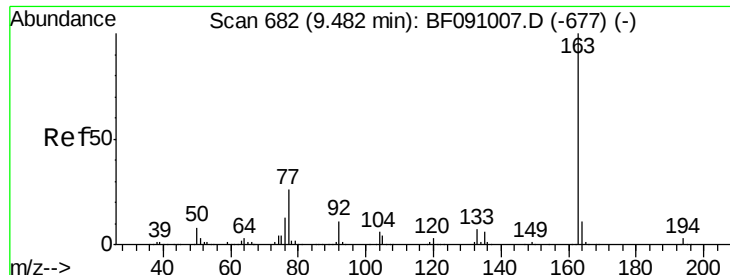
Tot Ion: 65 Resp: 396977
Ion Ratio Lower Upper
65 100
92 70.7 53.9 80.9
138 108.9 80.1 120.1



#48
Acenaphthylene
Concen: 44.56 ng
RT: 9.55 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion: 152 Resp: 1616641
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1
153 13.1 11.1 16.7





#49

Dimethylphthalate

Concen: 45.17 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

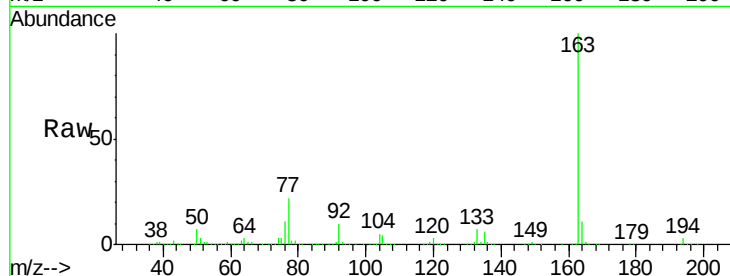
Tot Ion:163 Resp: 1243602

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

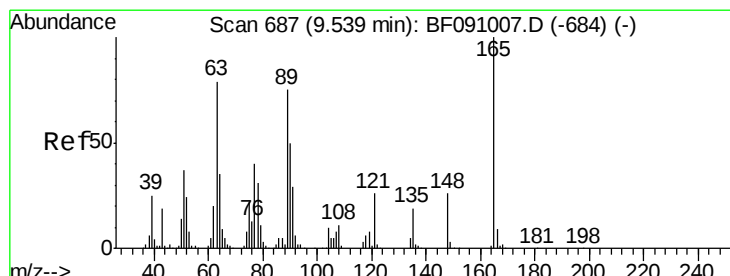
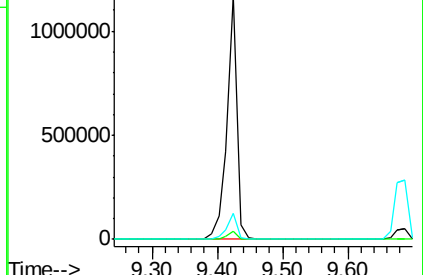
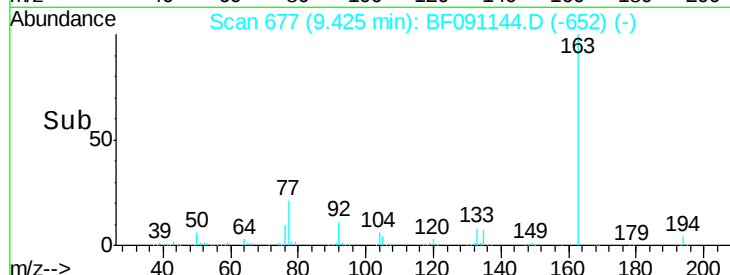
164 10.7 8.7 13.1



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: 42.73 ng

RT: 9.48 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

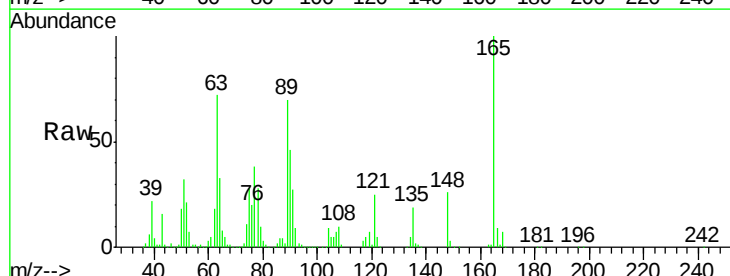
Tgt Ion:165 Resp: 252155

Ion Ratio Lower Upper

165 100

63 71.6 65.6 98.4

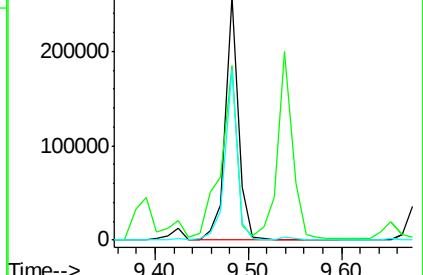
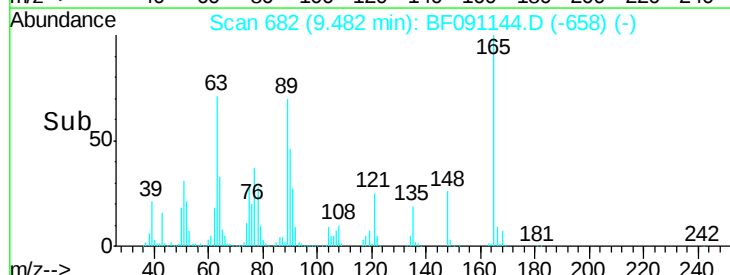
89 70.1 59.8 89.6

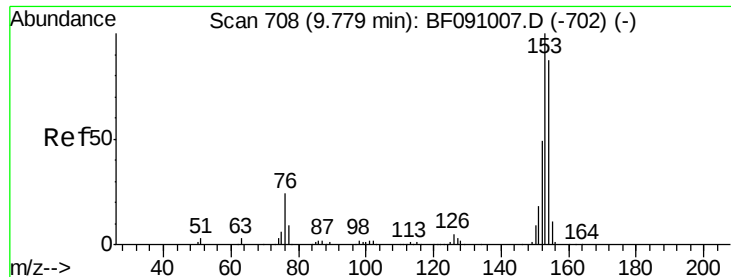


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.14 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

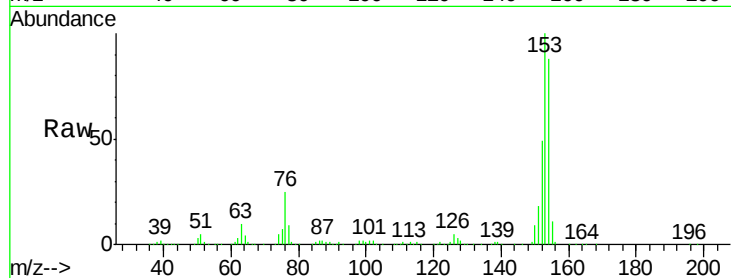
Tot Ion:154 Resp: 959786

Ion Ratio Lower Upper

154 100

153 114.2 91.6 137.4

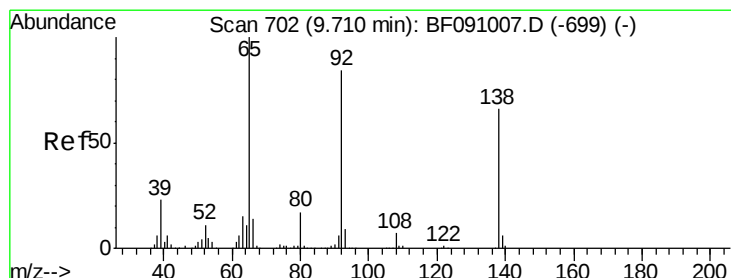
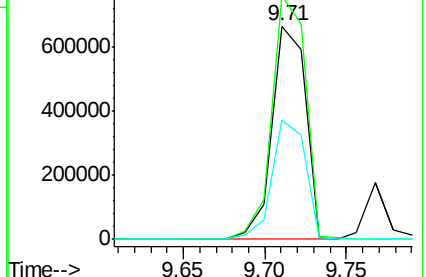
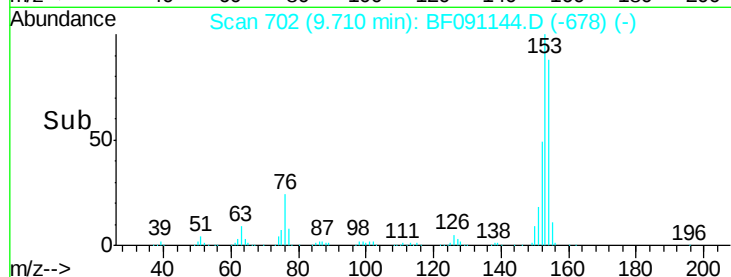
152 56.1 44.6 67.0



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: 17.74 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

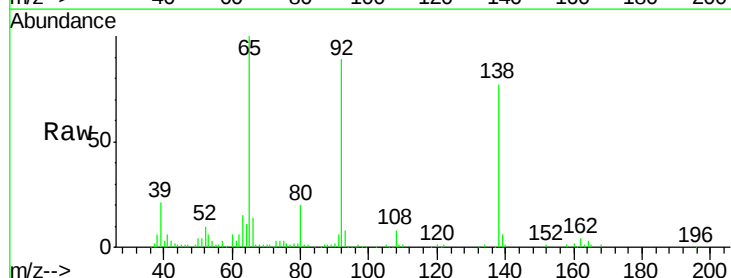
Tgt Ion:138 Resp: 124110

Ion Ratio Lower Upper

138 100

108 10.1 8.4 12.6

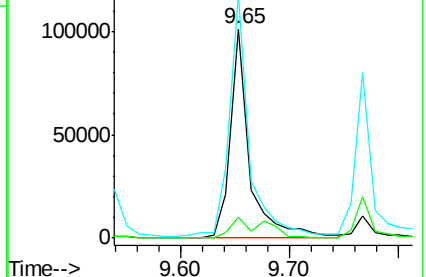
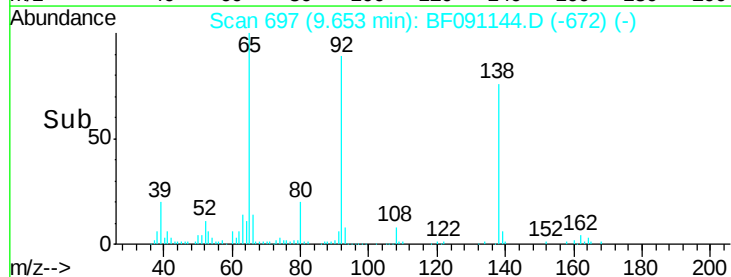
92 116.3 101.1 151.7

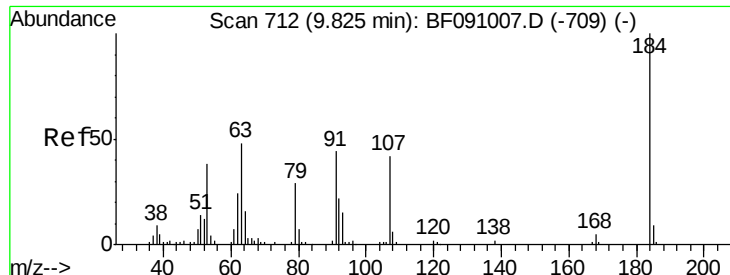


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

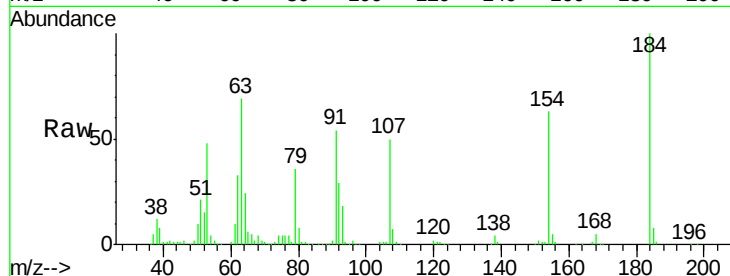




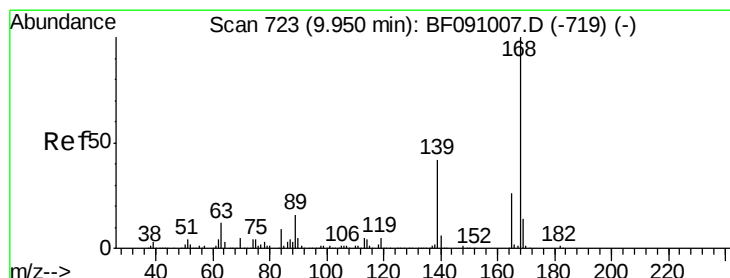
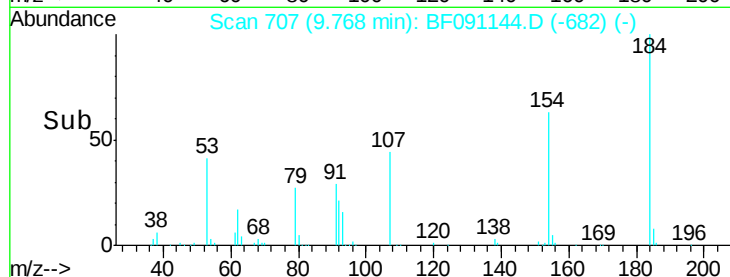
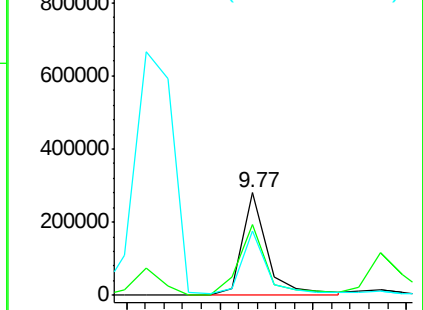
#53
2,4-Dinitrophenol
Concen: 83.24 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 268431
Ion Ratio Lower Upper
184 100
63 69.4 45.5 68.3#
154 63.2 51.0 76.4

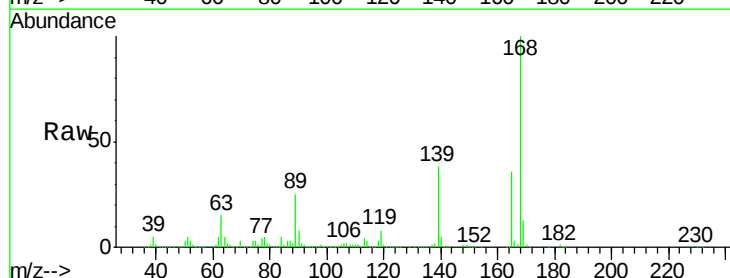


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

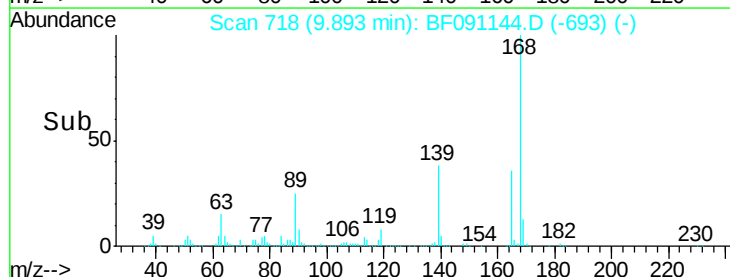
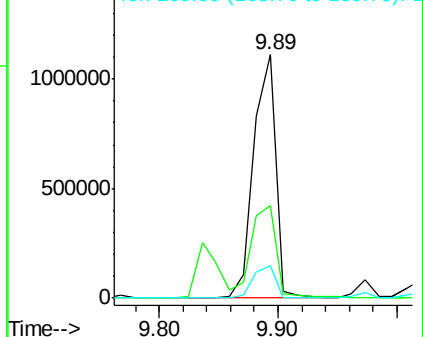


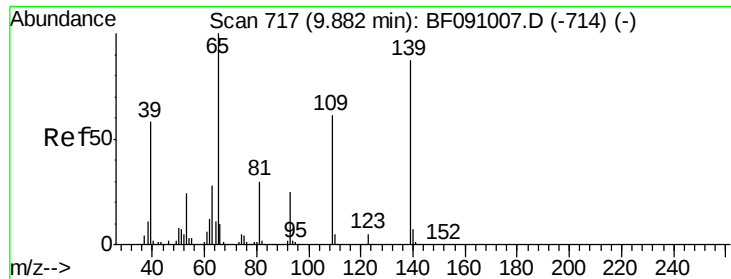
#54
Dibenzofuran
Concen: 47.02 ng
RT: 9.89 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:168 Resp: 1441413
Ion Ratio Lower Upper
168 100
139 37.8 34.8 52.2
169 13.3 11.4 17.2



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

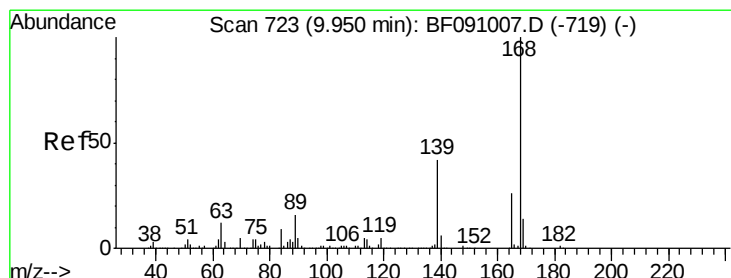
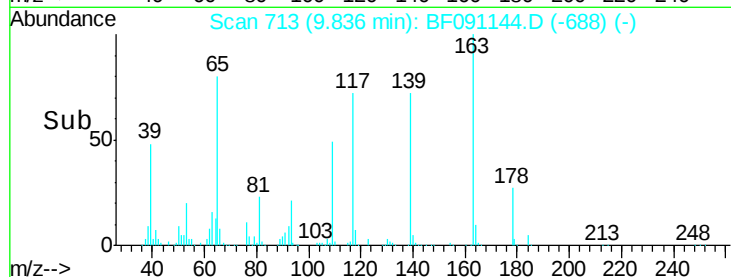
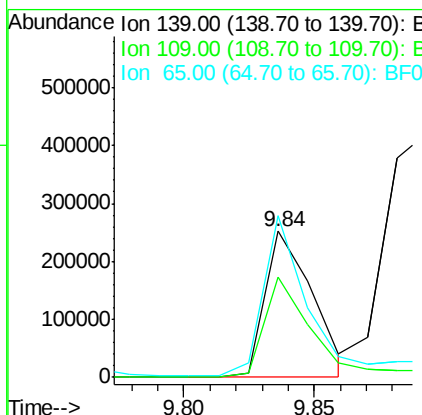
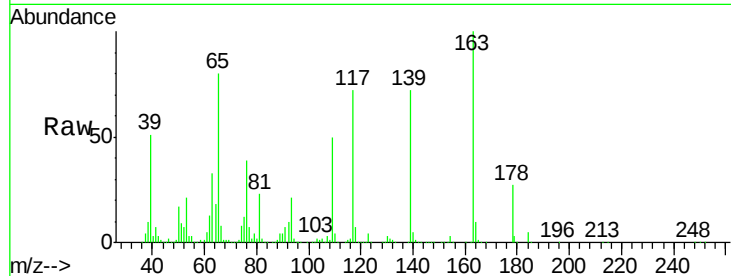




#55
4-Nitrophenol
Concen: 69.27 ng
RT: 9.84 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

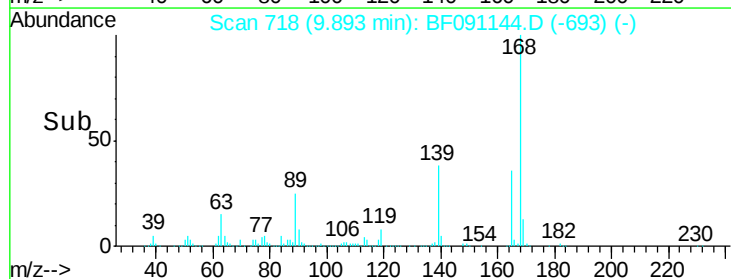
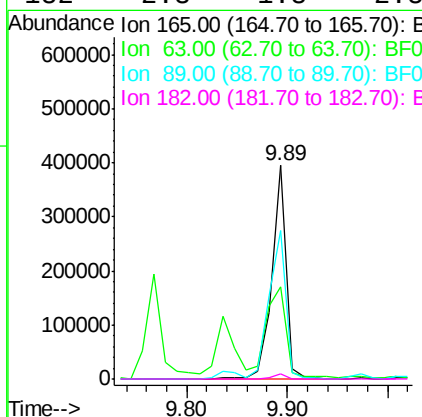
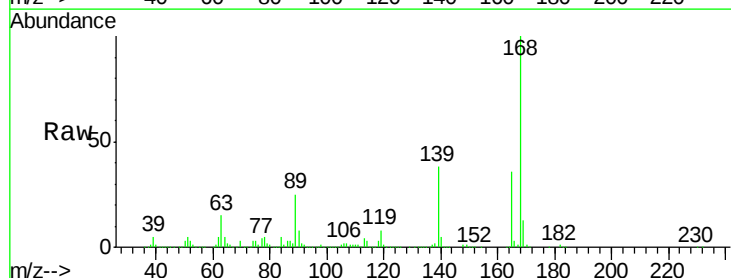
Instrument :
BNA_F
ClientSampled :

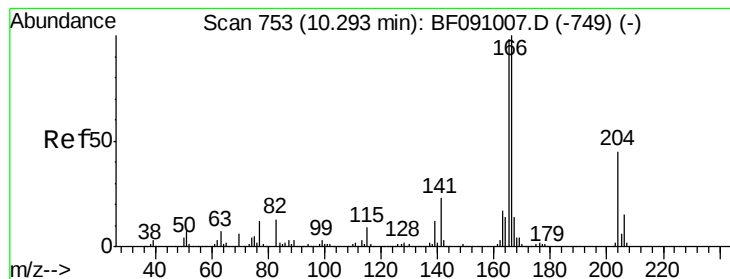
Tot Ion:139 Resp: 318909
Ion Ratio Lower Upper
139 100
109 68.5 50.5 90.5
65 110.6 97.1 137.1



#56
2,4-Dinitrotoluene
Concen: 51.77 ng
RT: 9.89 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:165 Resp: 388686
Ion Ratio Lower Upper
165 100
63 43.3 38.7 58.1
89 69.6 50.6 76.0
182 2.3 1.8 2.8





#57

Fluorene

Concen: 42.31 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampled :

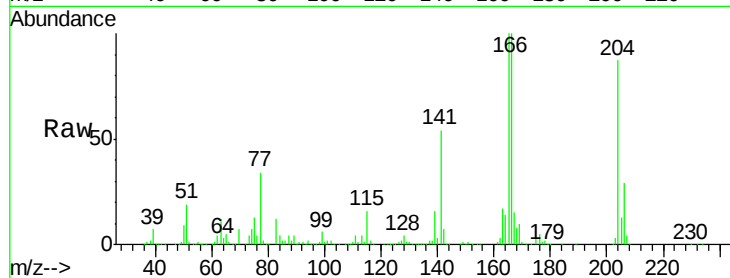
Tot Ion:166 Resp: 1060166

Ion Ratio Lower Upper

166 100

165 99.6 78.6 118.0

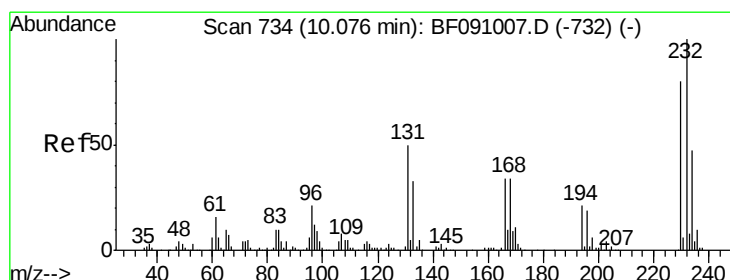
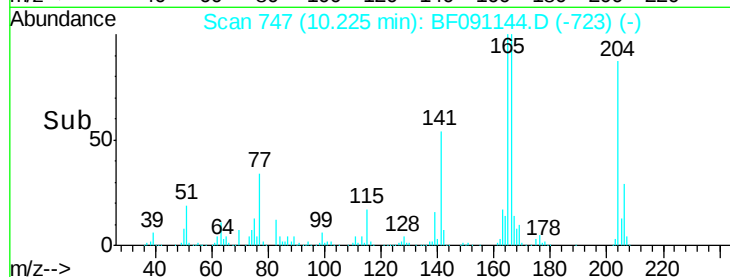
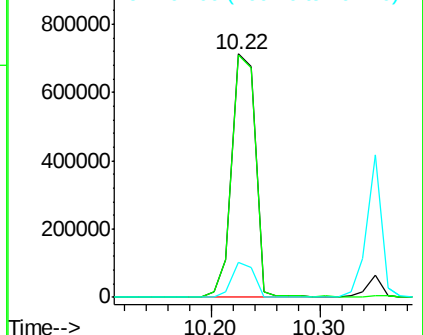
167 14.5 11.1 16.7



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: 50.36 ng

RT: 10.02 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tgt Ion:232 Resp: 286261

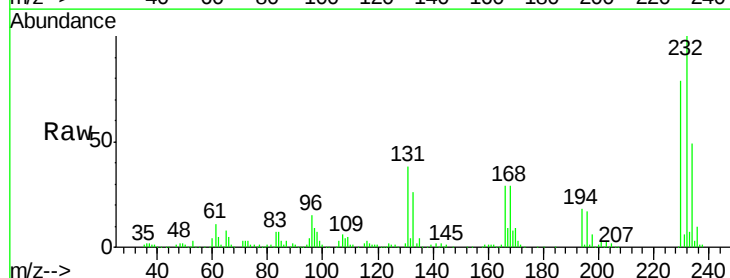
Ion Ratio Lower Upper

232 100

131 51.2 43.6 65.4

130 2.4 2.0 3.0

166 32.2 27.4 41.2

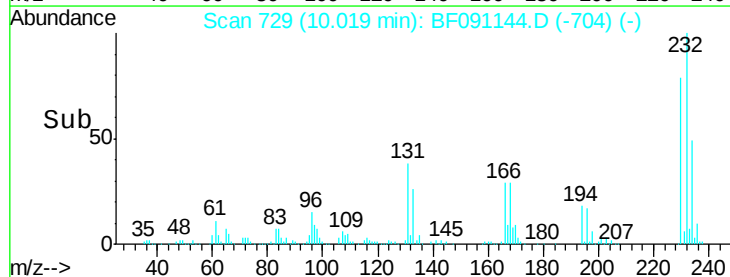
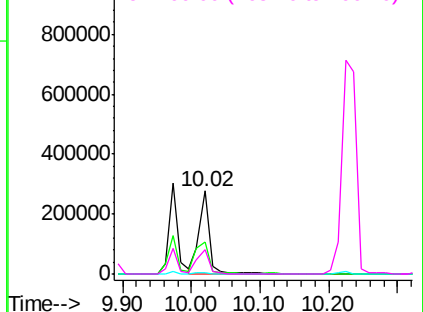


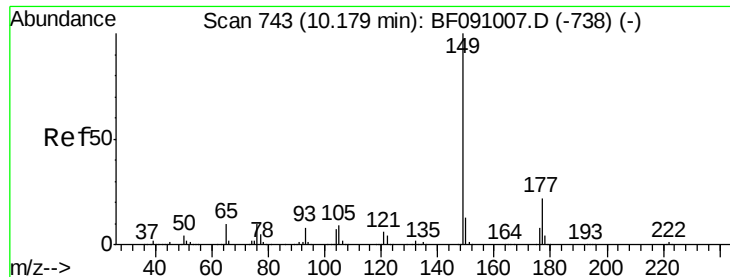
Abundance Ion 232.00 (231.70 to 232.70): E

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

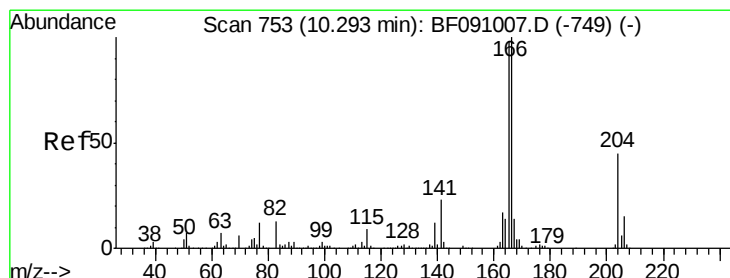
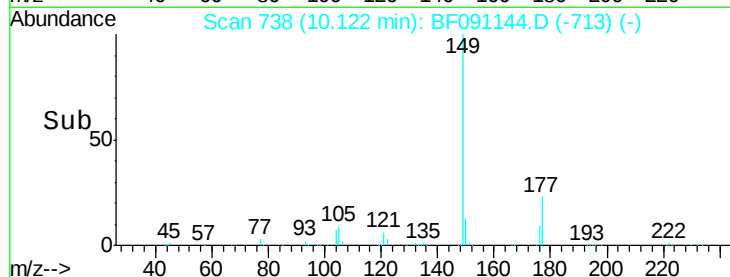
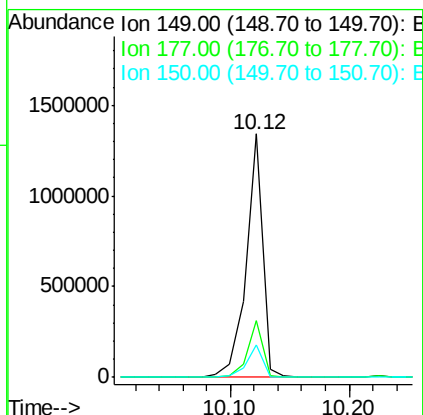
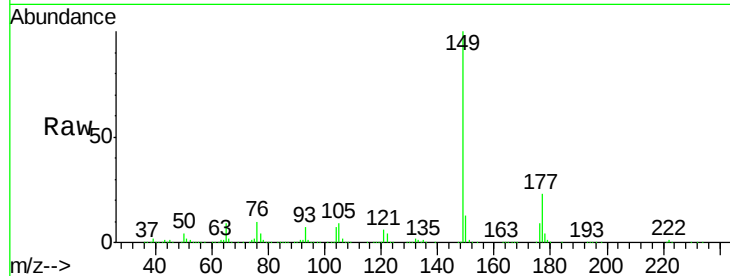




#59
Diethylphthalate
Concen: 46.32 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

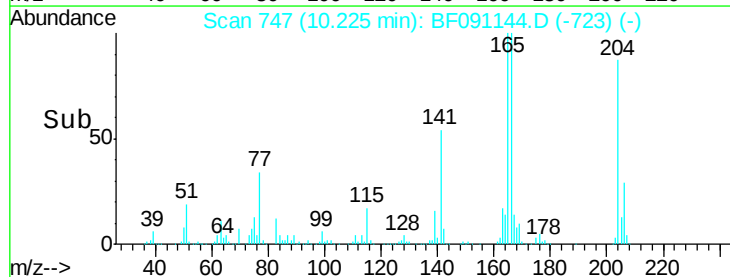
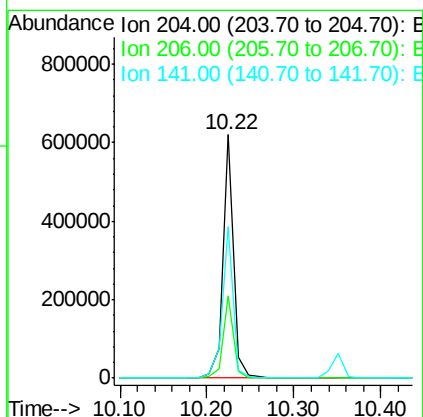
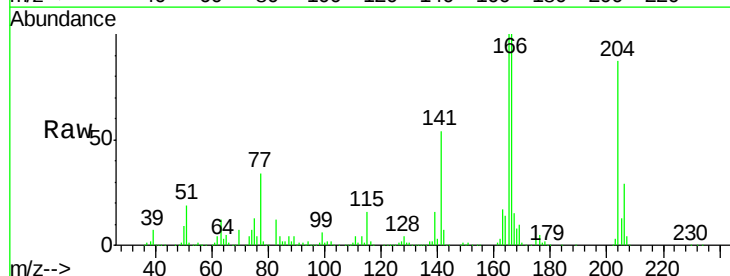
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1307500
Ion Ratio Lower Upper
149 100
177 23.1 17.3 25.9
150 13.1 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 46.76 ng
RT: 10.22 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:204 Resp: 533339
Ion Ratio Lower Upper
204 100
206 33.8 27.1 40.7
141 62.3 40.1 60.1#

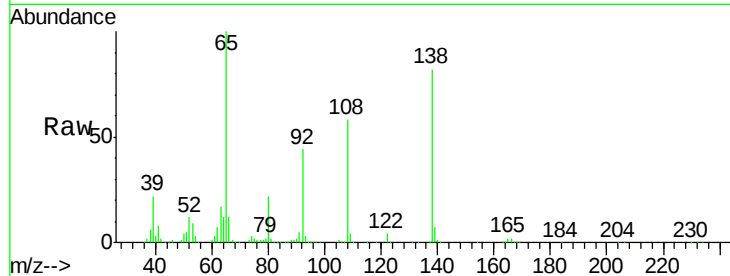




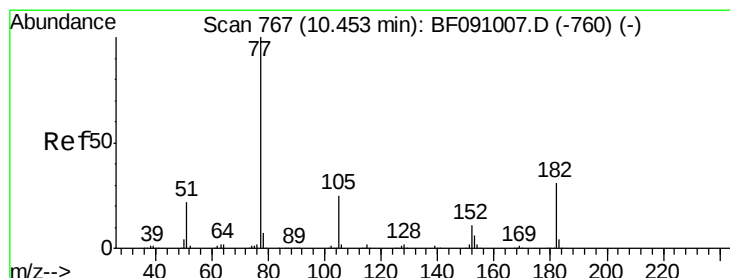
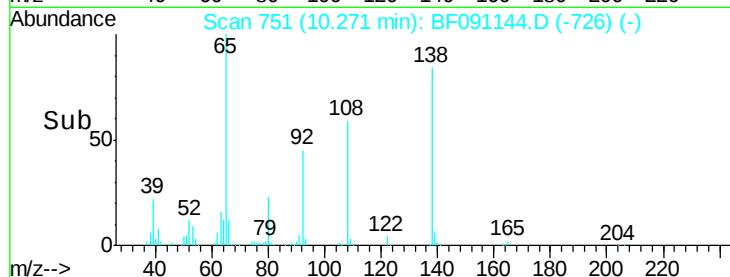
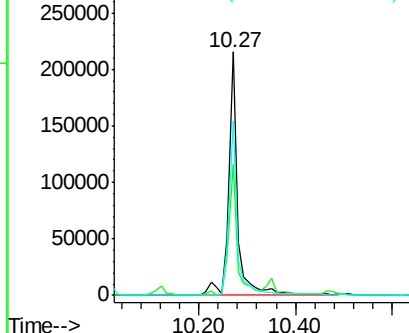
#61
4-Nitroaniline
Concen: 39.27 ng
RT: 10.27 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 277955
Ion Ratio Lower Upper
138 100
92 53.6 32.5 72.5
108 71.4 49.4 89.4

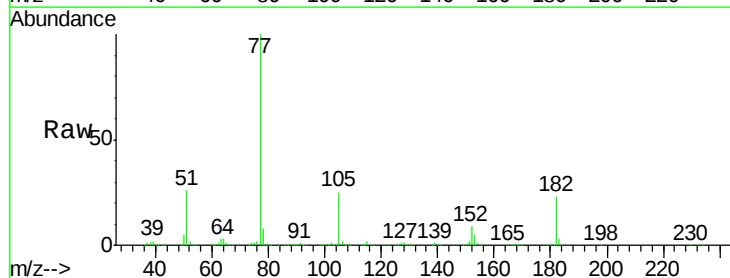


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

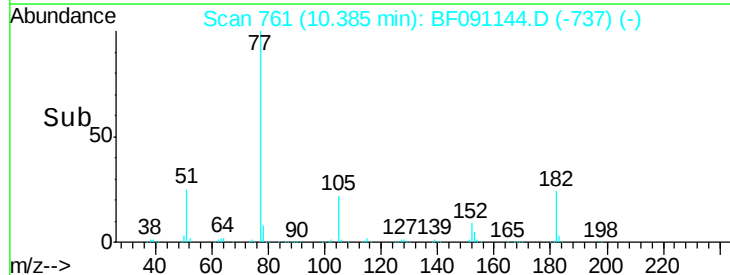
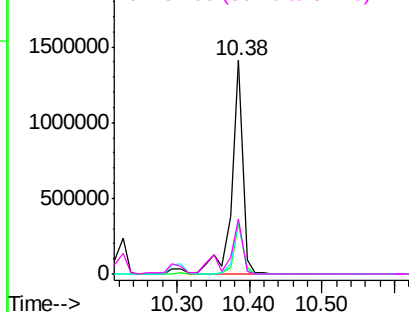


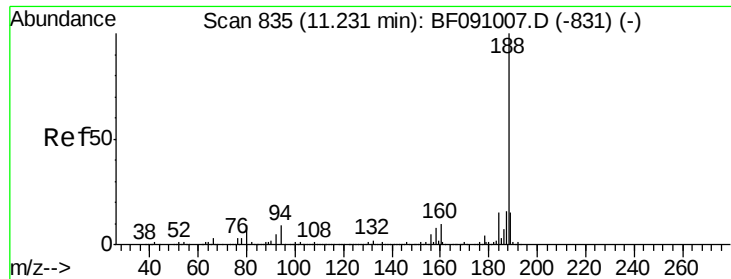
#62
Azobenzene
Concen: 44.31 ng
RT: 10.38 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion: 77 Resp: 1472533
Ion Ratio Lower Upper
77 100
182 23.3 11.0 51.0
105 24.7 5.6 45.6
51 25.6 2.7 42.7



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

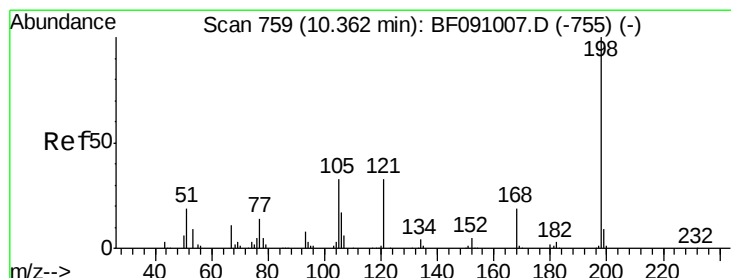
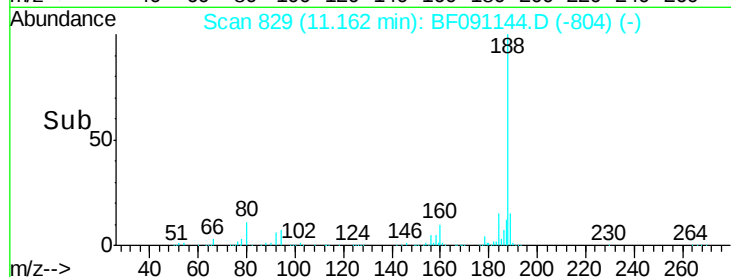
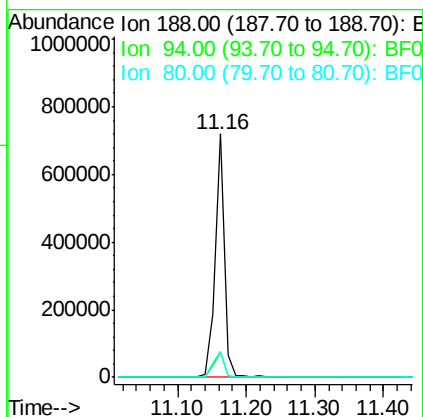
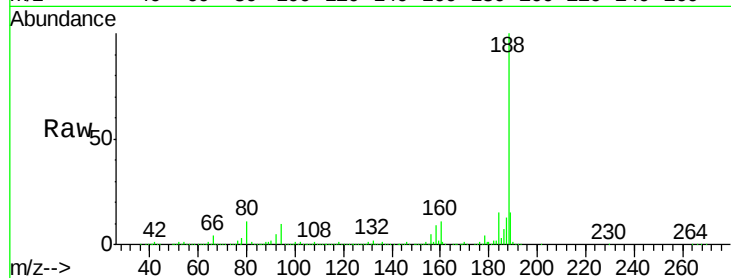




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

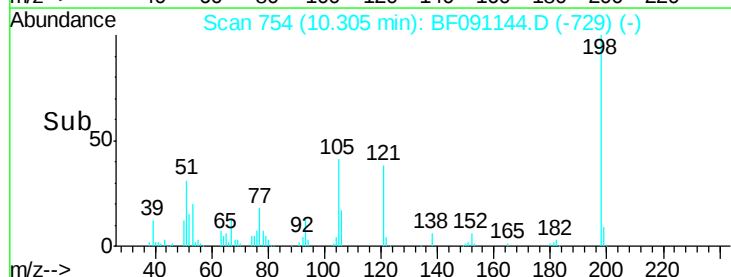
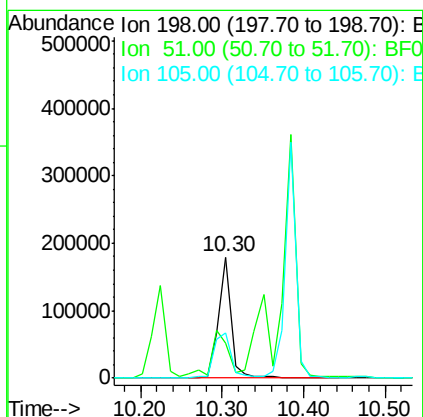
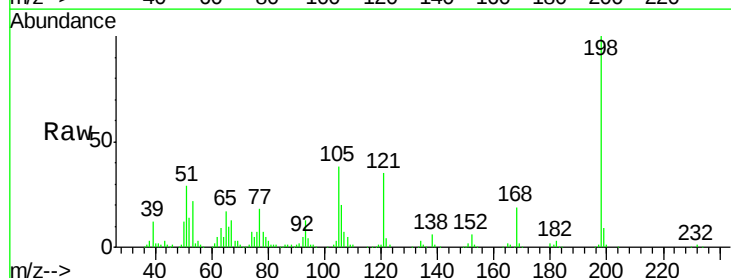
Instrument :
BNA_F
ClientSampled :

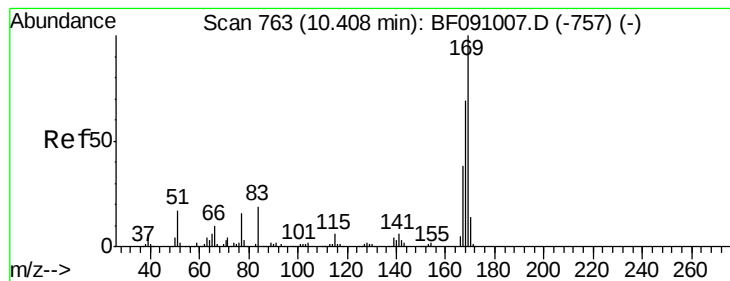
Tot Ion:188 Resp: 689755
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 10.9 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 46.24 ng
RT: 10.30 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:198 Resp: 195315
Ion Ratio Lower Upper
198 100
51 28.8 5.9 45.9
105 37.6 13.8 53.8

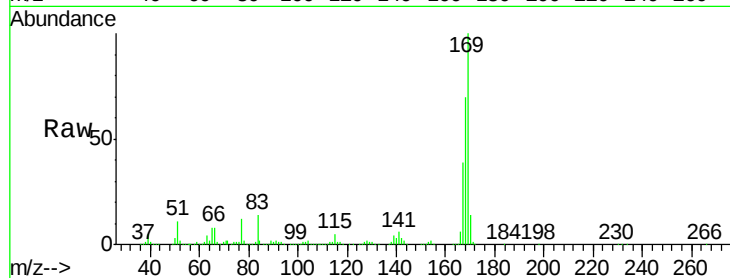




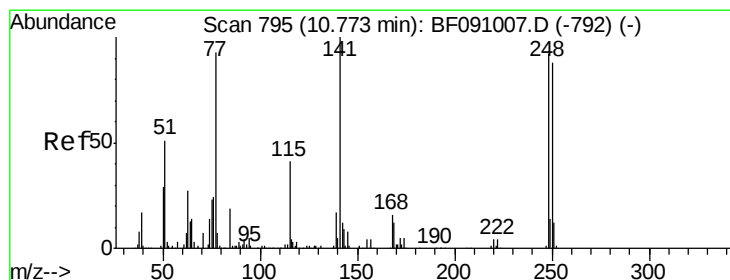
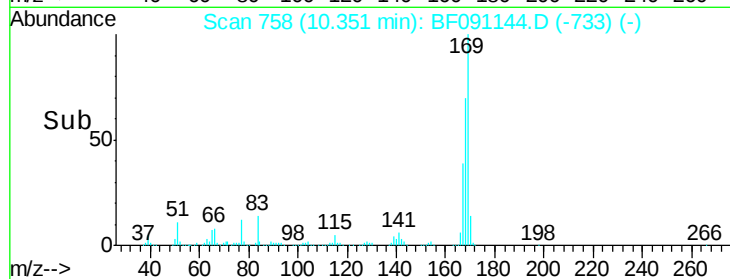
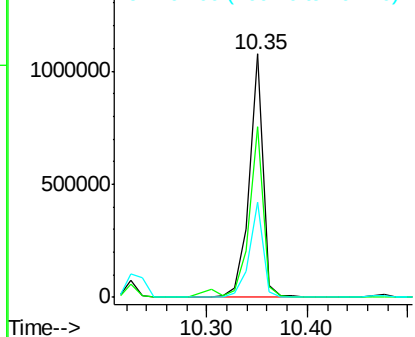
#65
 n-Nitrosodiphenylamine
 Concen: 47.05 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 1031564
 Ion Ratio Lower Upper
 169 100
 168 69.8 55.3 82.9
 167 38.9 30.3 45.5

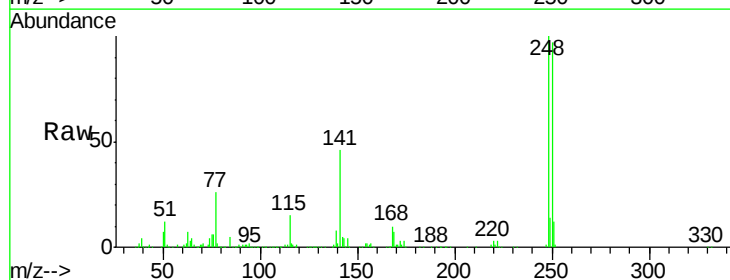


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

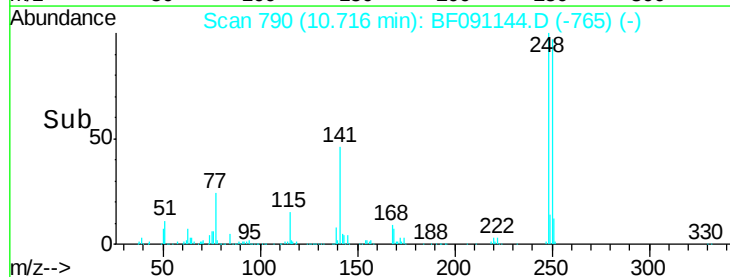
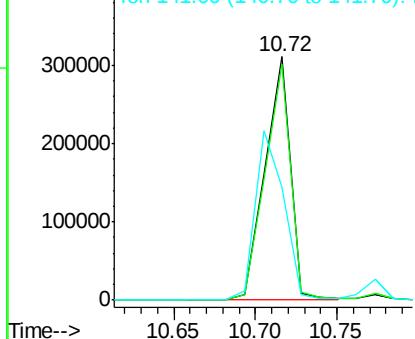


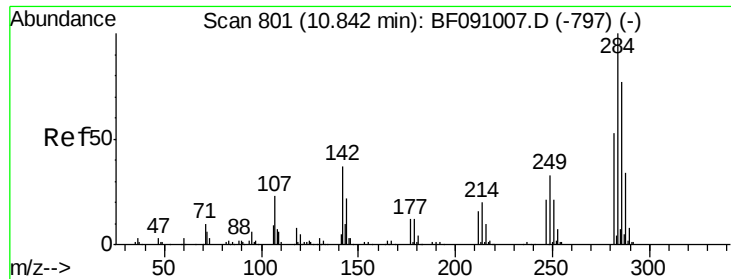
#66
 4-Bromophenyl-phenylether
 Concen: 47.30 ng
 RT: 10.72 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion:248 Resp: 339354
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.3 114.5
 141 46.2 86.8 130.2#



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: 43.34 ng

RT: 10.77 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

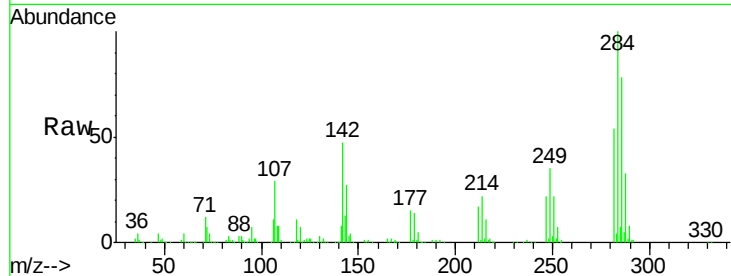
Tot Ion:284 Resp: 342915

Ion Ratio Lower Upper

284 100

142 46.5 29.9 44.9#

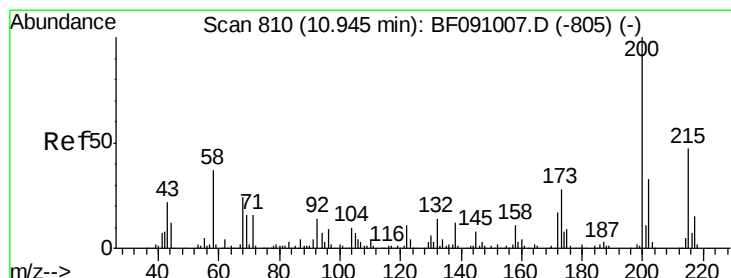
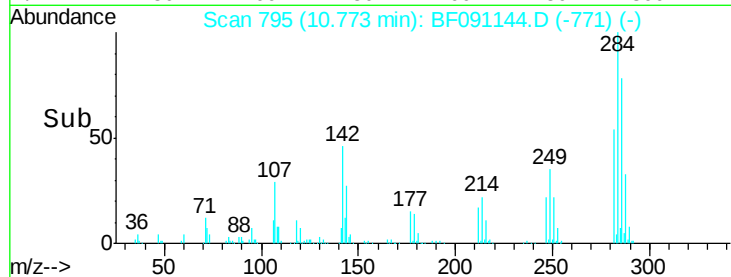
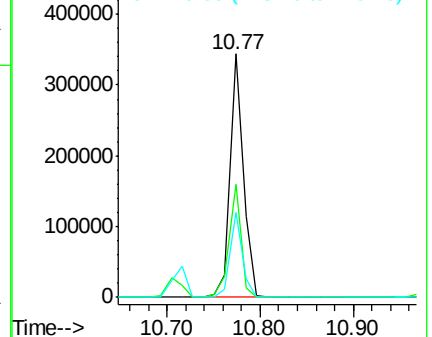
249 35.1 26.6 39.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 54.69 ng

RT: 10.89 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

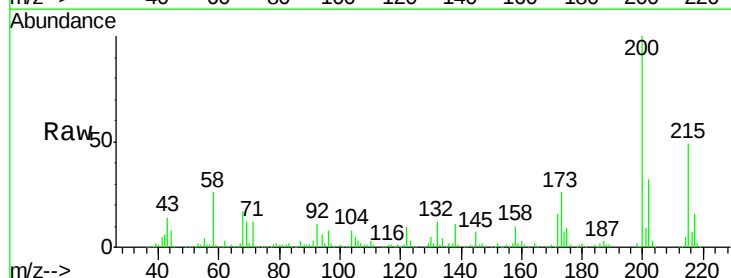
Tgt Ion:200 Resp: 345883

Ion Ratio Lower Upper

200 100

173 26.3 8.1 48.1

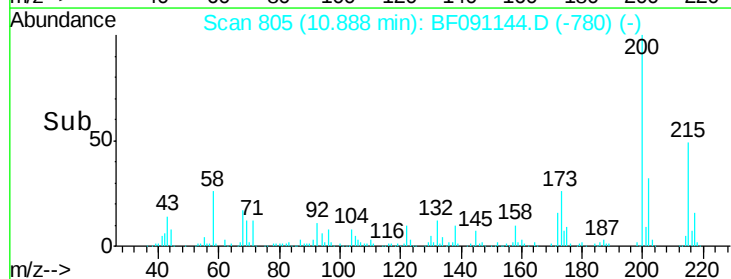
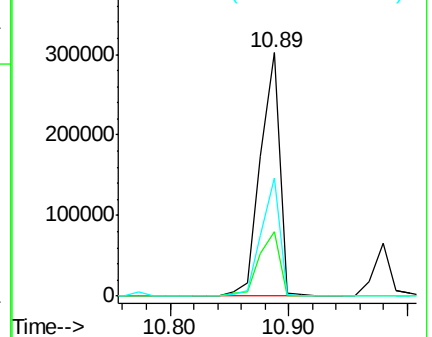
215 48.5 27.3 67.3

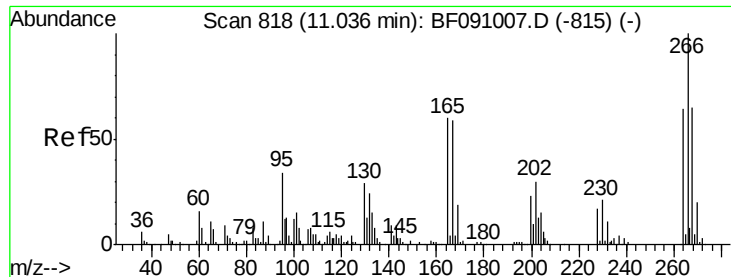


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

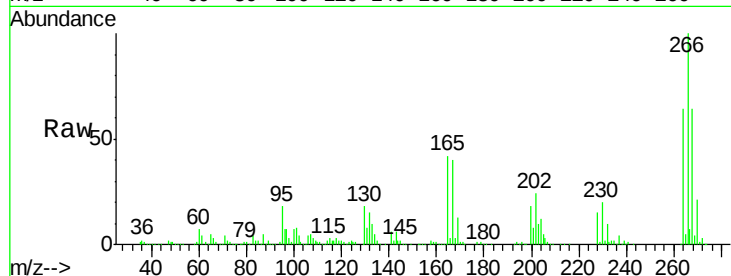




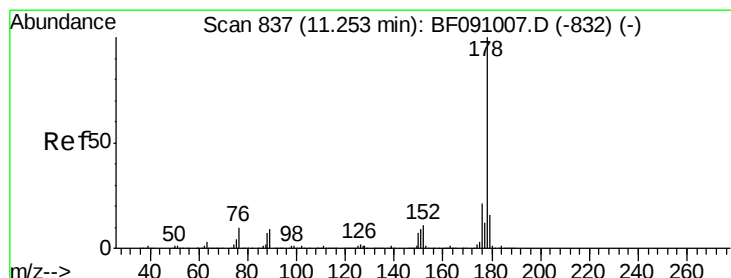
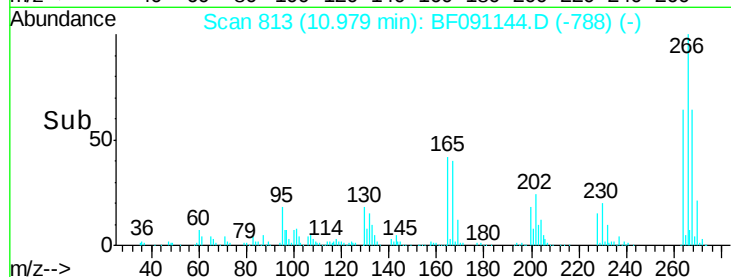
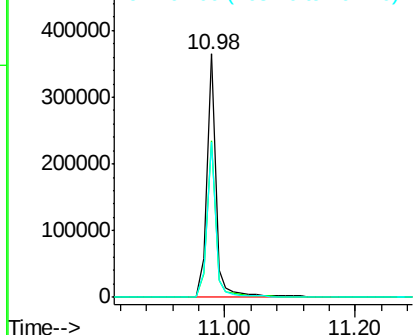
#69
 Pentachlorophenol
 Concen: 102.41 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 358924
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.1 78.1
 264 64.0 51.1 76.7

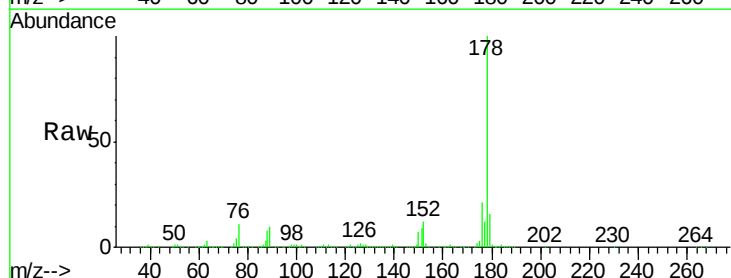


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

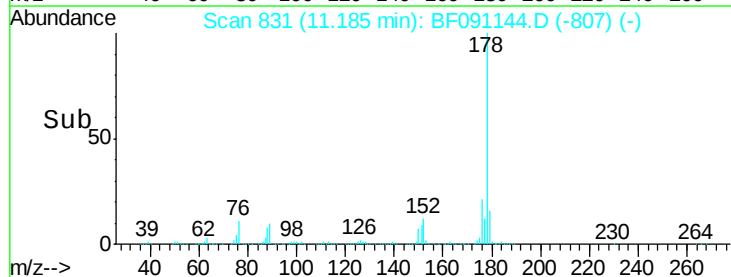
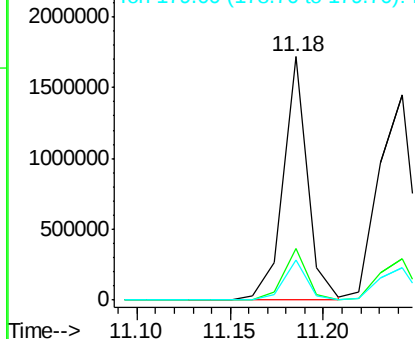


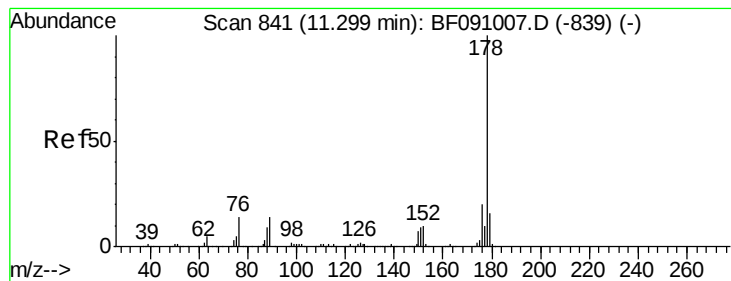
#70
 Phenanthrene
 Concen: 42.18 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion:178 Resp: 1546528
 Ion Ratio Lower Upper
 178 100
 176 21.4 16.6 25.0
 179 16.4 12.9 19.3



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: 45.64 ng

RT: 11.24 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

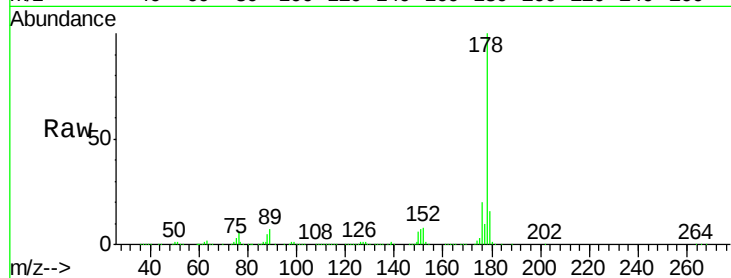
Tot Ion:178 Resp: 1779094

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

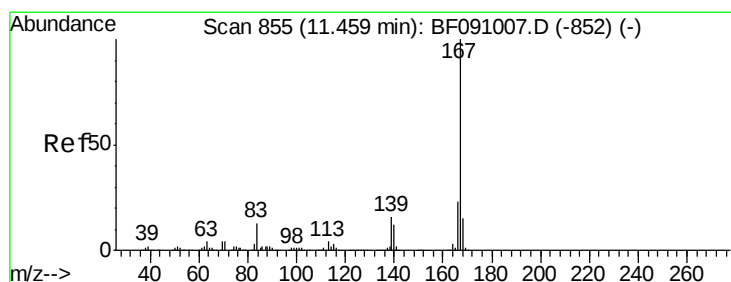
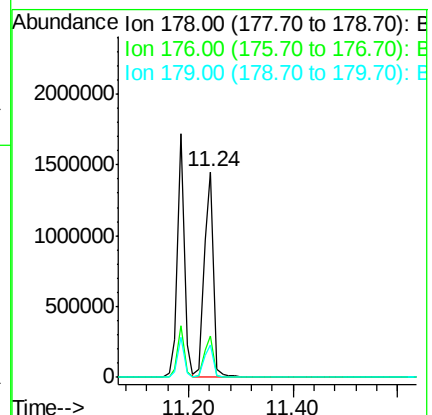
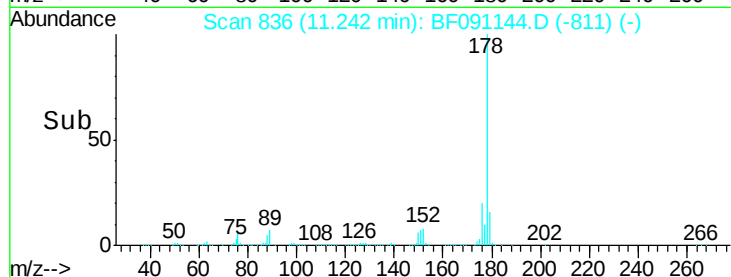
179 16.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.38 ng

RT: 11.40 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

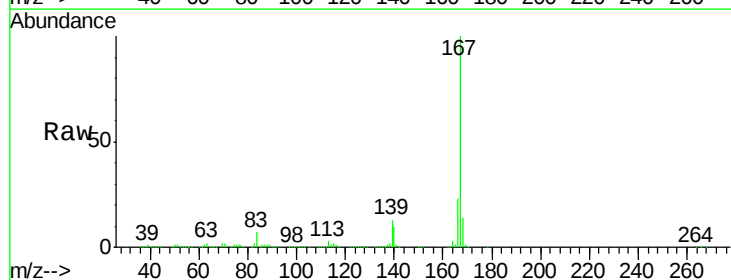
Tgt Ion:167 Resp: 1559193

Ion Ratio Lower Upper

167 100

166 22.7 18.0 27.0

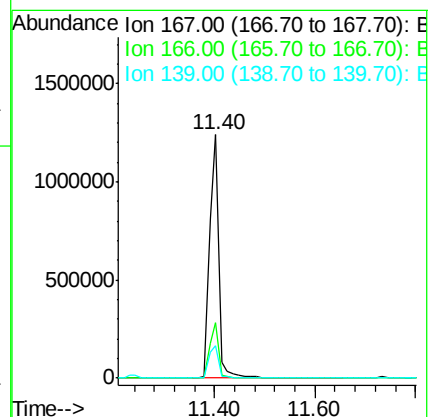
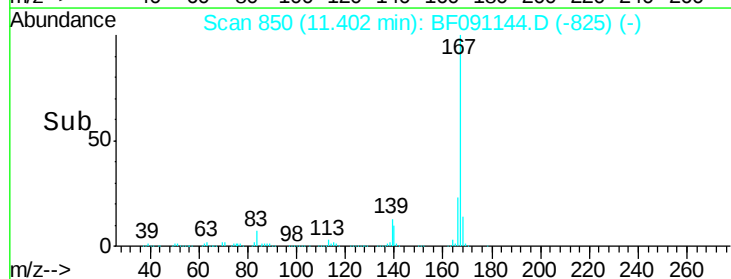
139 13.2 12.6 18.8

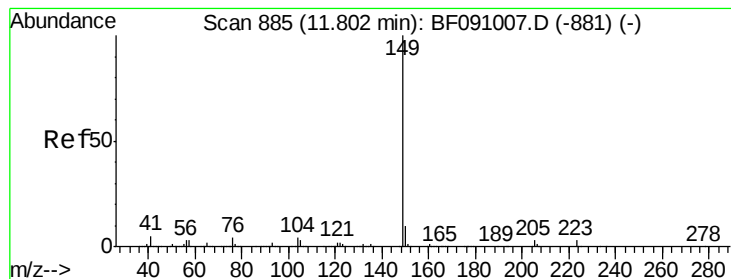


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.08 ng

RT: 11.73 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

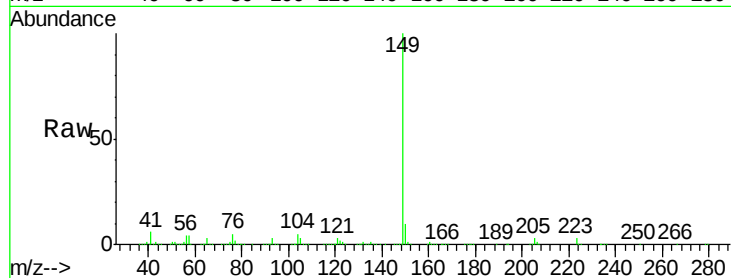
Tot Ion:149 Resp: 1859106

Ion Ratio Lower Upper

149 100

150 10.2 7.7 11.5

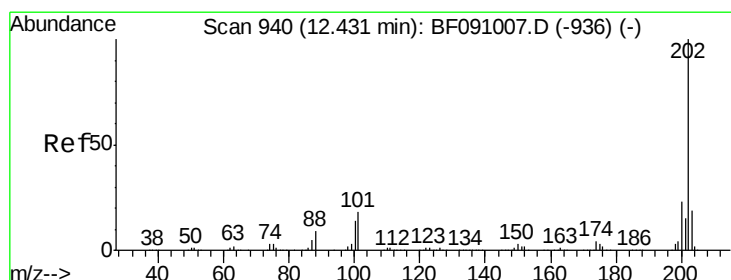
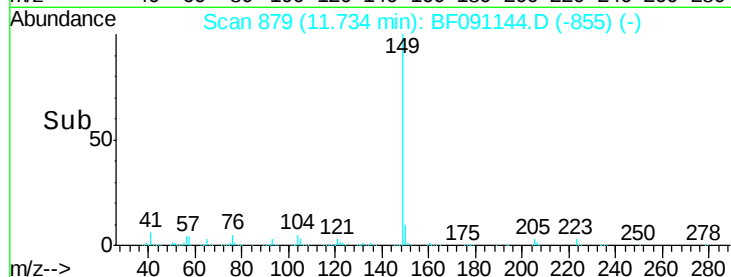
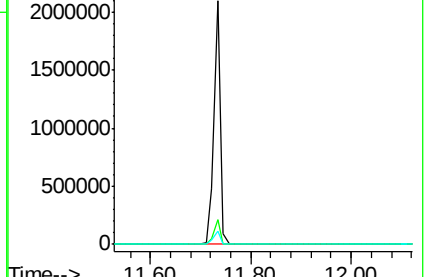
104 5.3 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.05 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

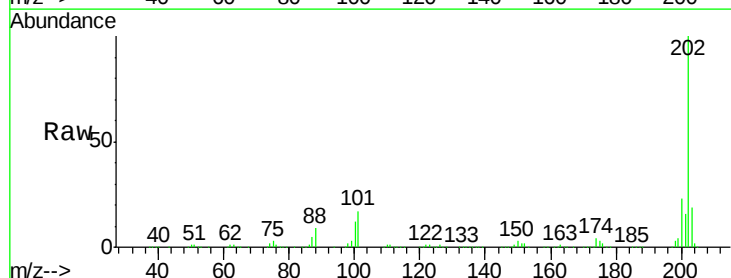
Tgt Ion:202 Resp: 1523187

Ion Ratio Lower Upper

202 100

101 17.0 0.0 37.6

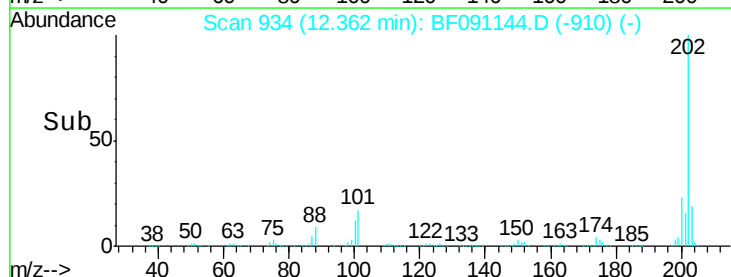
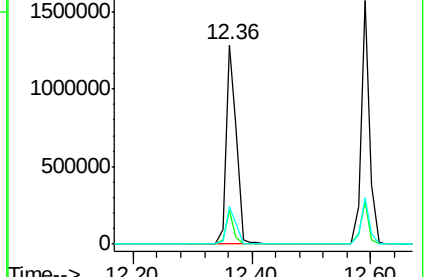
203 18.8 0.0 38.6

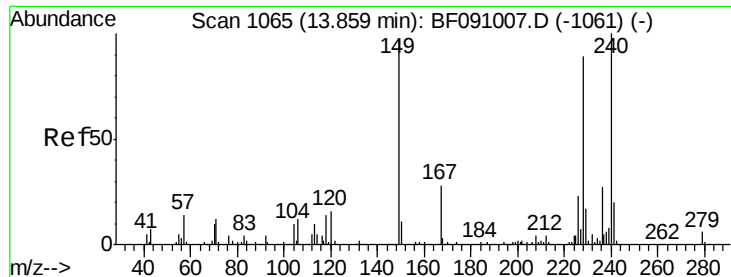


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

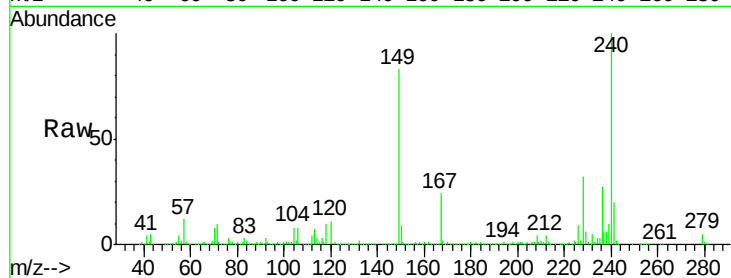
Tot Ion:240 Resp: 590017

Ion Ratio Lower Upper

240 100

120 11.4 12.9 19.3#

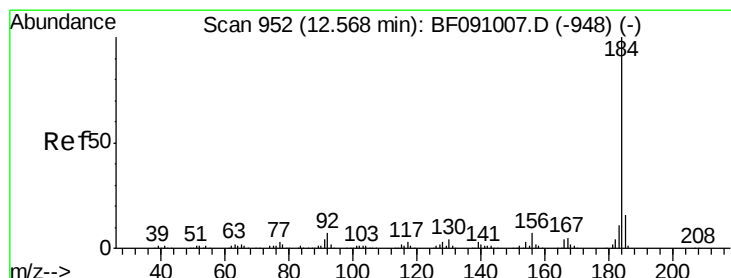
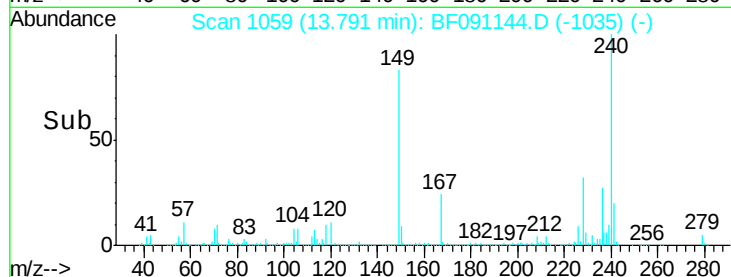
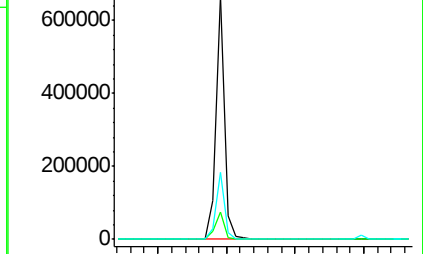
236 27.3 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.12 ng

RT: 12.50 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

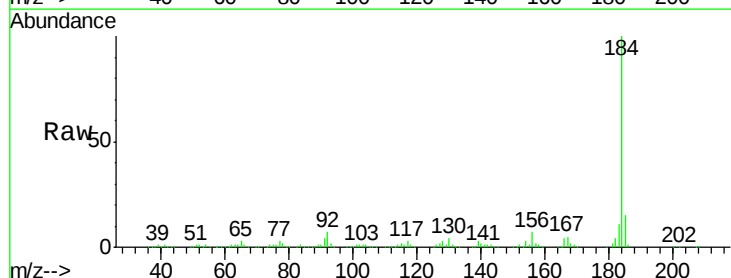
Tgt Ion:184 Resp: 607981

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.4

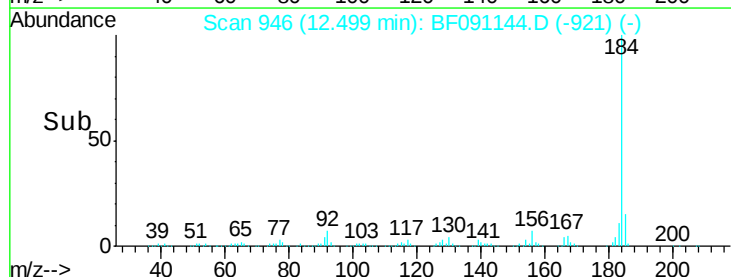
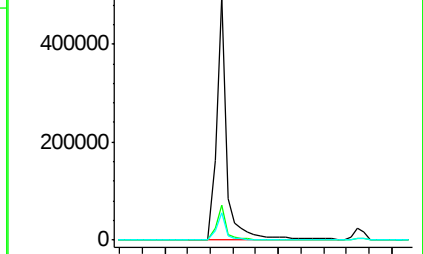
183 11.5 8.7 13.1

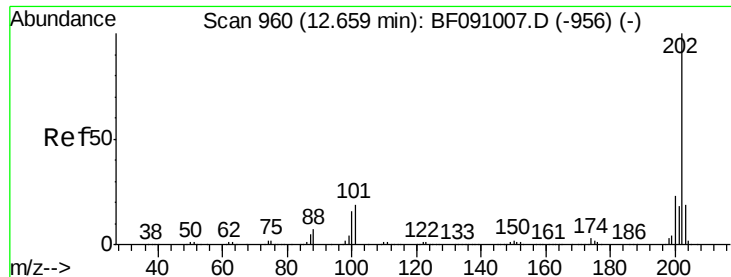


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

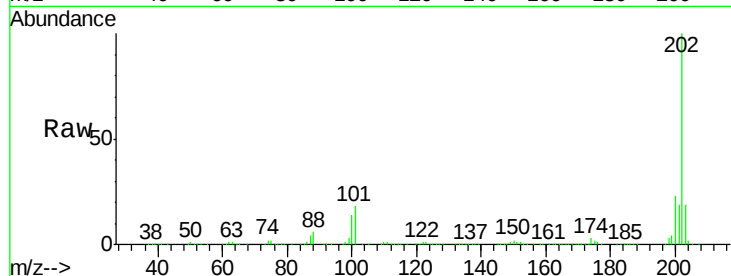




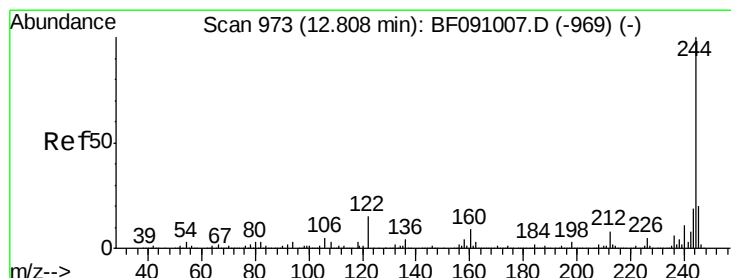
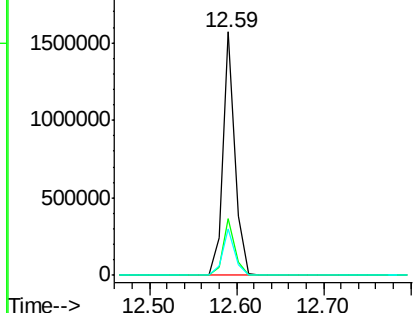
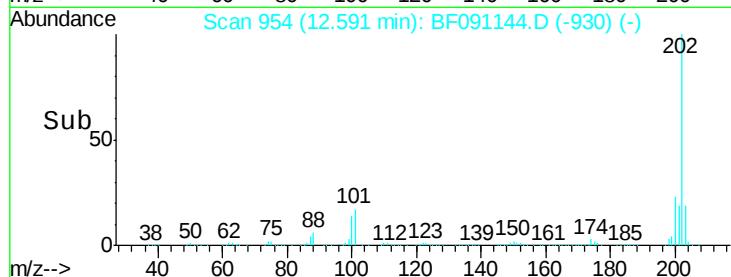
#77
Pvrene
Concen: 39.51 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1526758
Ion Ratio Lower Upper
202 100
200 23.1 18.4 27.6
203 18.9 15.0 22.6

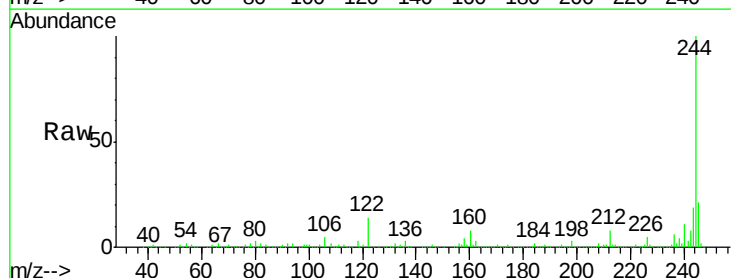


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

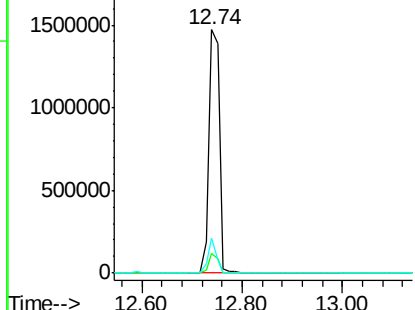
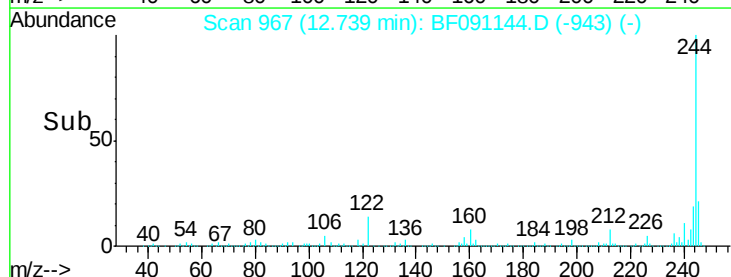


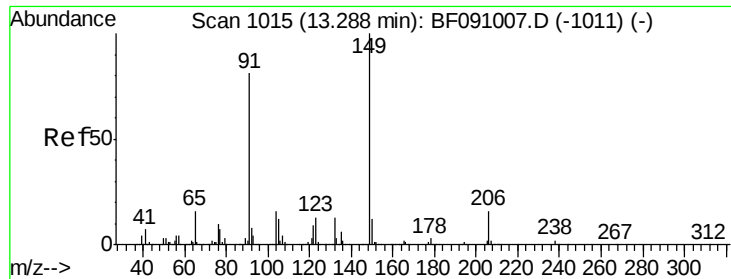
#78
Terphenyl-d14
Concen: 90.60 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:244 Resp: 2142155
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 14.2 12.3 18.5



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

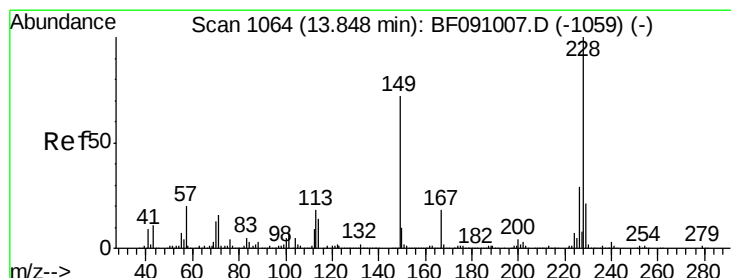
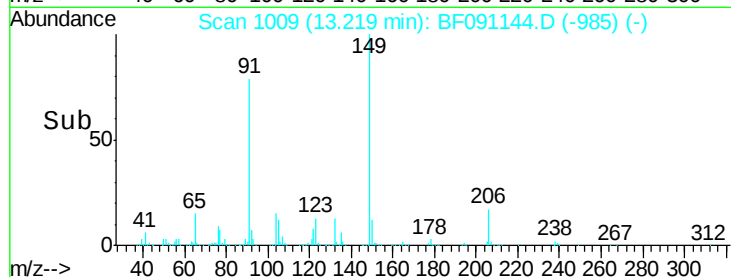
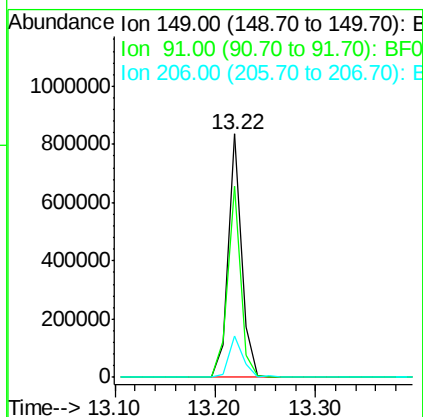
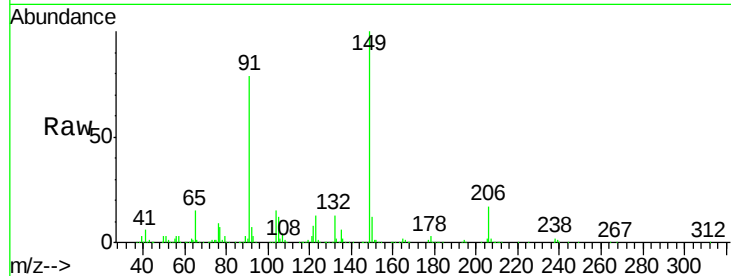




#79
Butylbenzylphthalate
Concen: 42.21 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

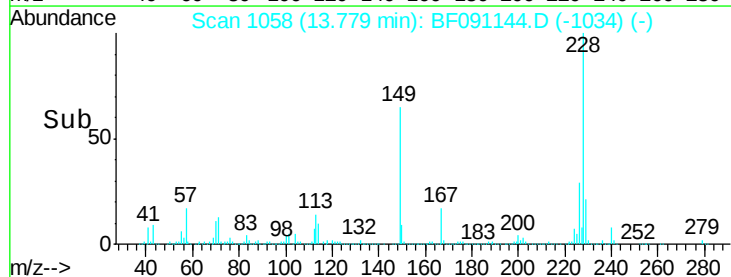
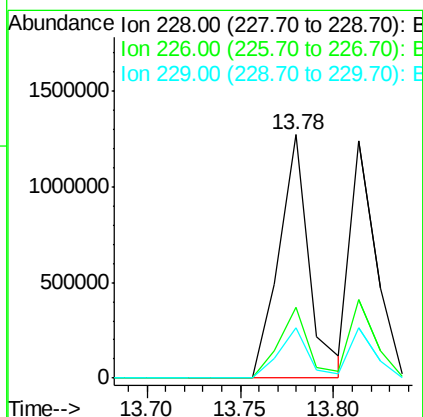
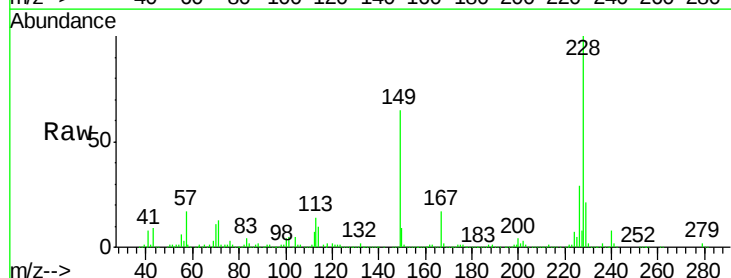
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 780150
Ion Ratio Lower Upper
149 100
91 78.7 65.0 97.4
206 16.9 12.5 18.7



#80
Benzo(a)anthracene
Concen: 43.08 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:228 Resp: 1442984
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.6
229 20.6 16.6 24.8

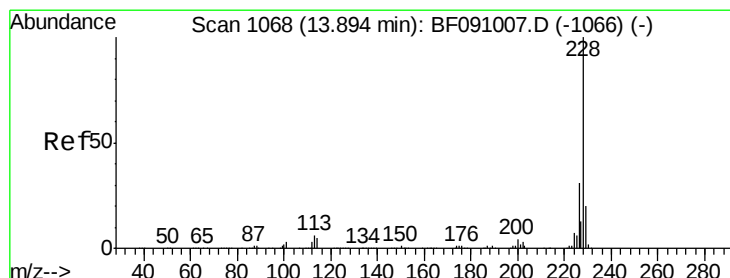
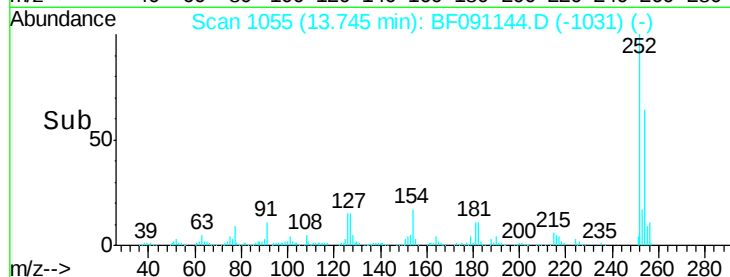
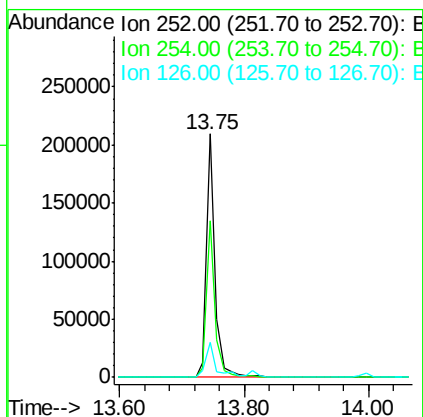
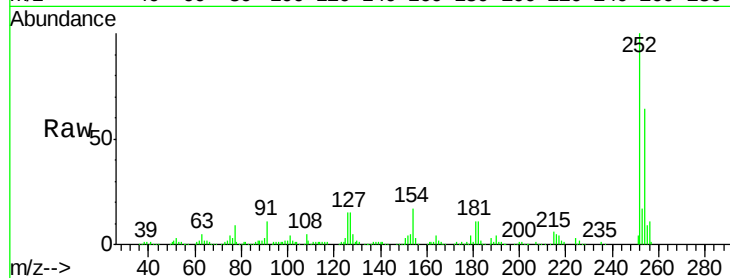




#81
 3,3'-Dichlorobenzidine
 Concen: 17.26 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

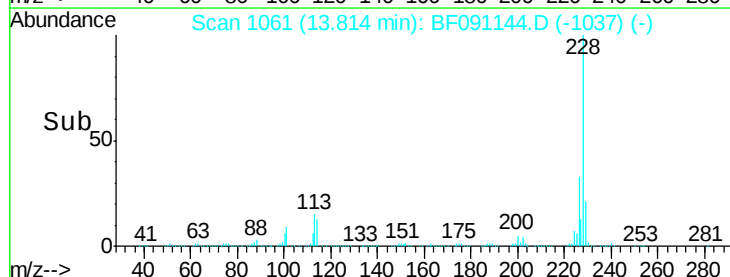
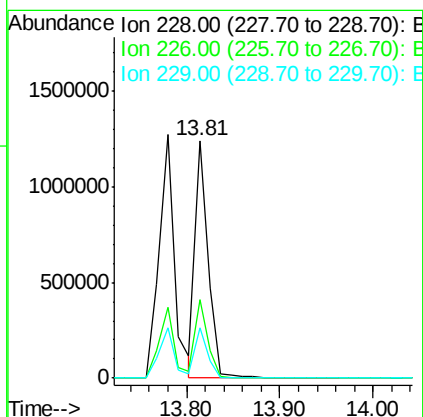
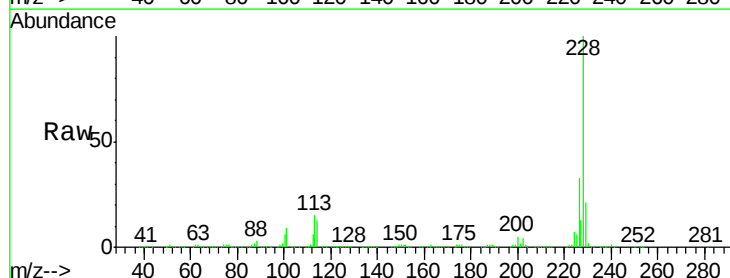
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 203162
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.0 78.0
 126 14.6 5.4 8.2#



#82
 Chrysene
 Concen: 36.83 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion:228 Resp: 1216581
 Ion Ratio Lower Upper
 228 100
 226 32.8 24.9 37.3
 229 21.2 15.9 23.9

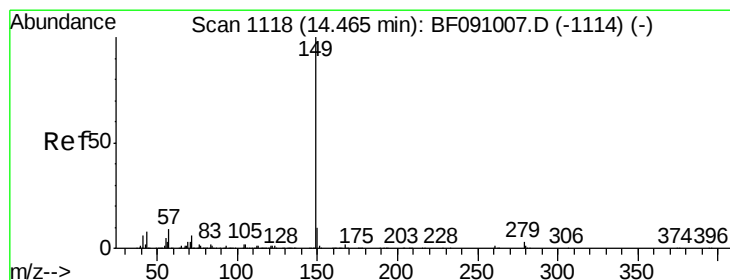
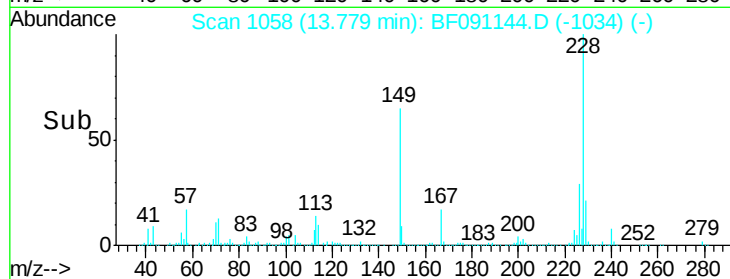
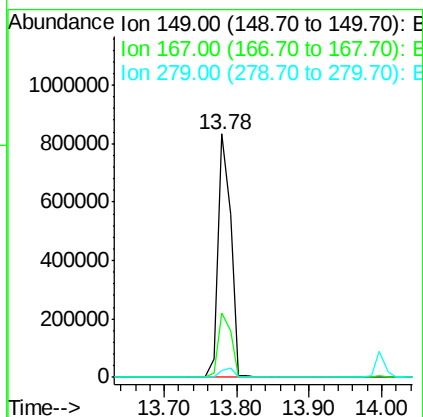
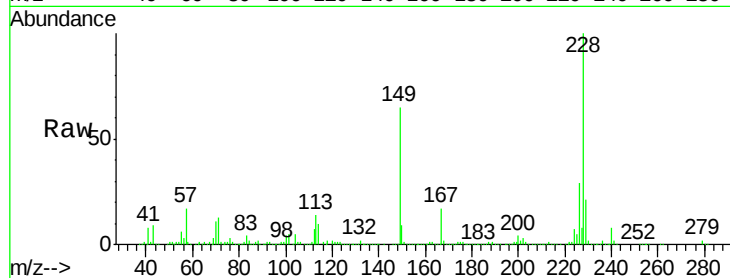




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.41 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

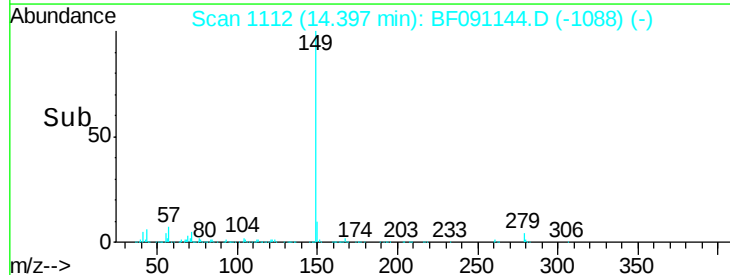
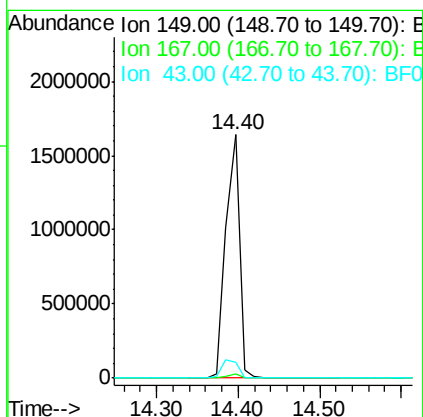
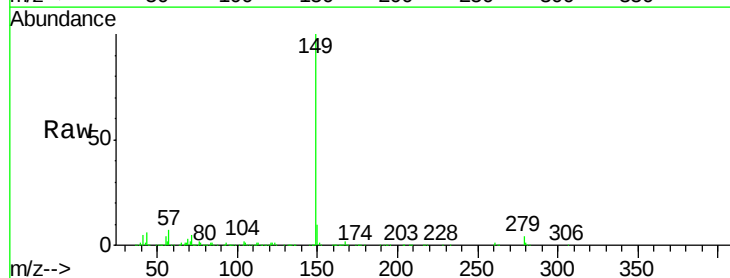
Instrument :
 BNA_F
 ClientSampleId :

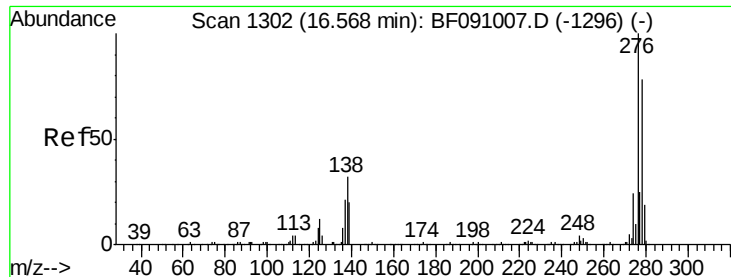
Tot Ion:149 Resp: 1010880
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.4 30.6
 279 2.6 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 46.02 ng
 RT: 14.40 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion:149 Resp: 1892701
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.9 8.2 12.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.65 ng

RT: 16.44 min Scan# 1291

Delta R.T. -0.03 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

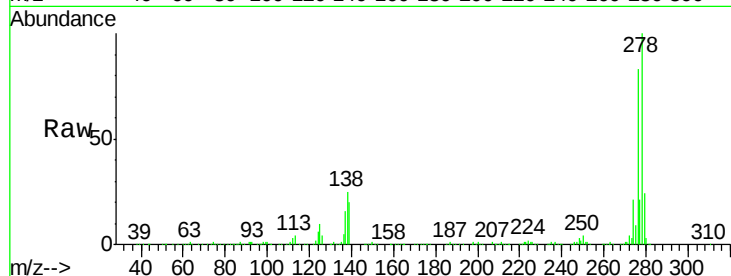
Tot Ion:276 Resp: 1114065

Ion Ratio Lower Upper

276 100

138 30.0 26.0 39.0

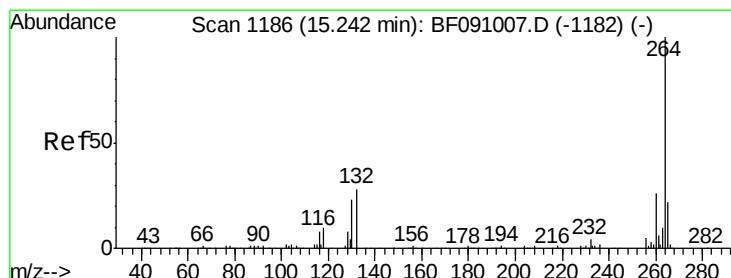
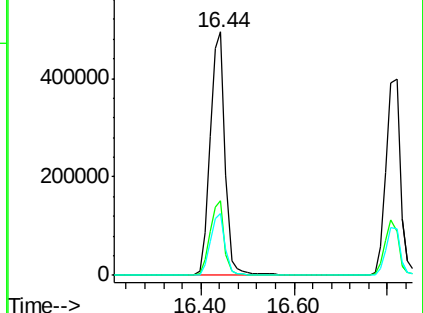
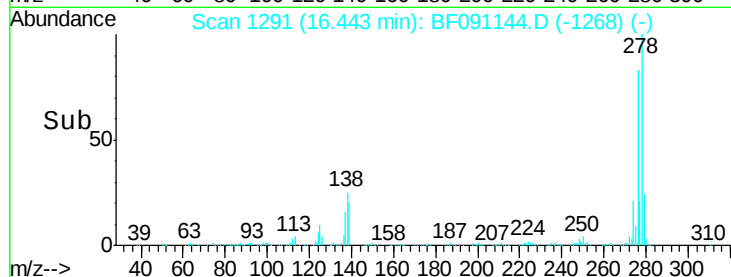
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1178

Delta R.T. -0.03 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

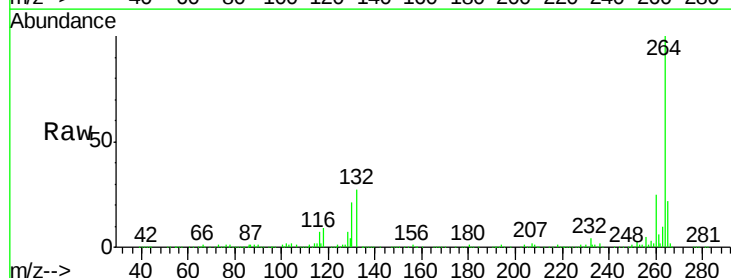
Tgt Ion:264 Resp: 402148

Ion Ratio Lower Upper

264 100

260 25.5 20.6 30.8

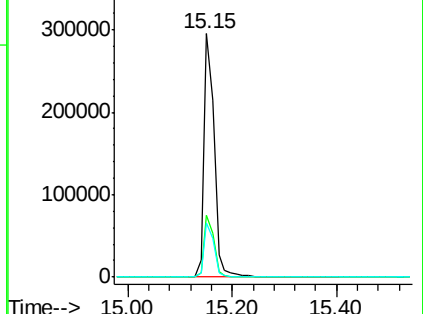
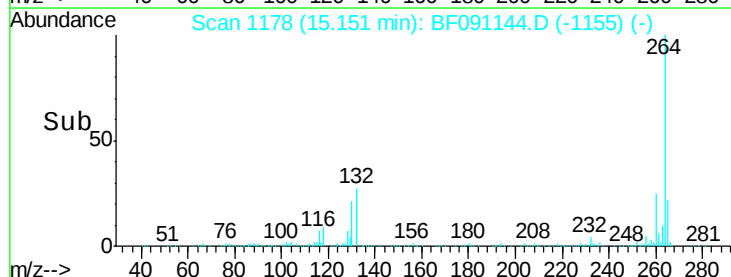
265 22.1 17.8 26.8

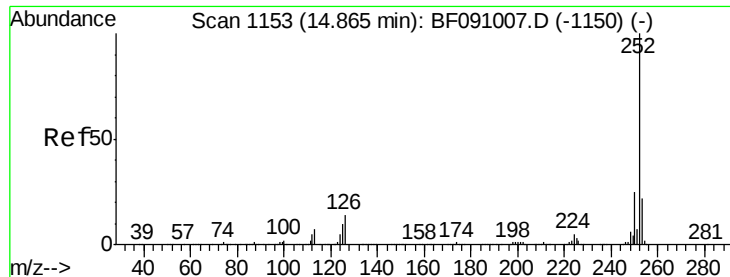


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 88.23 ng

RT: 14.81 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampled :

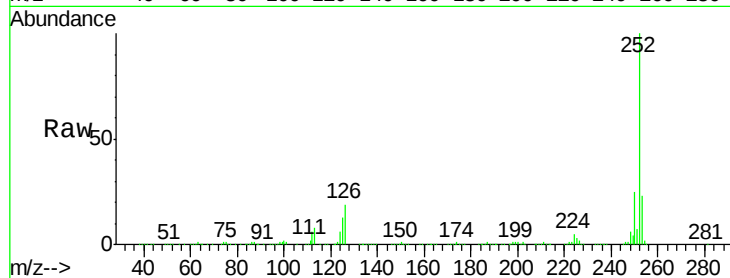
Tot Ion:252 Resp: 2406589

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

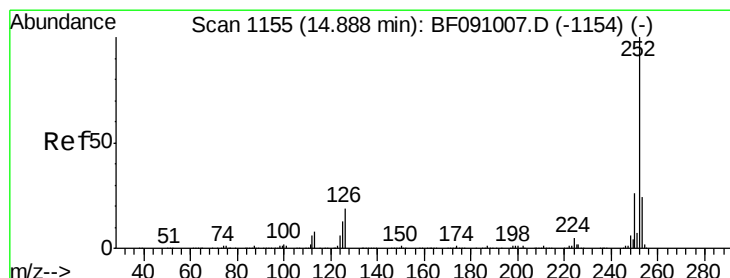
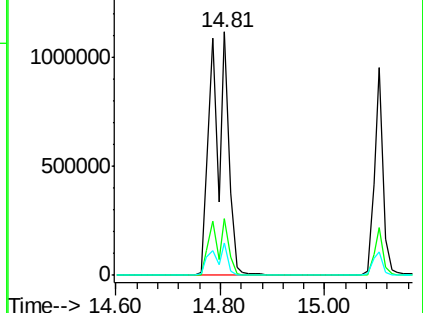
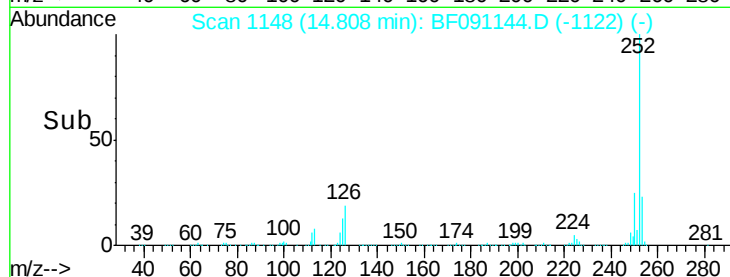
125 13.2 8.3 12.5#



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: 100.64 ng

RT: 14.81 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

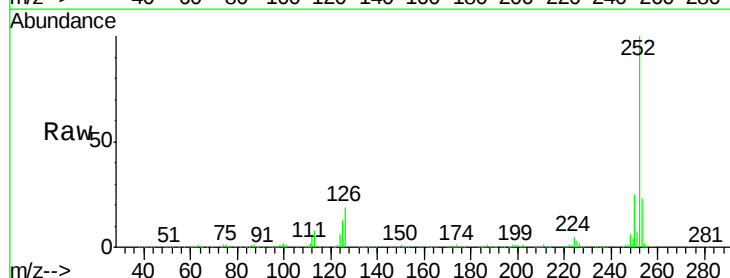
Tgt Ion:252 Resp: 2407818

Ion Ratio Lower Upper

252 100

253 23.2 18.6 28.0

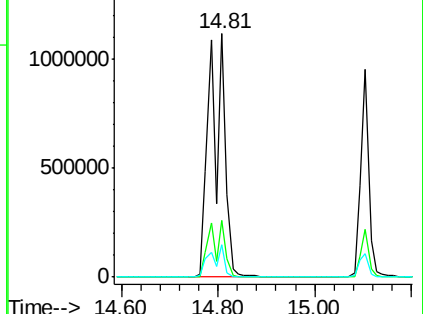
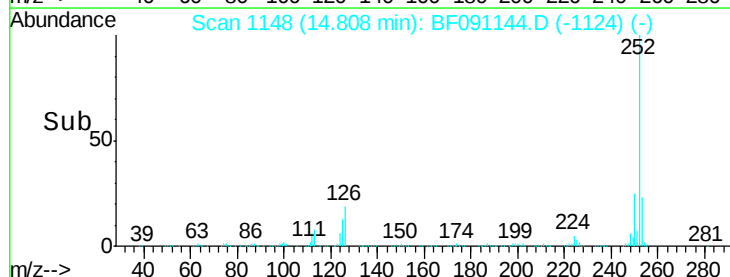
125 13.2 11.2 16.8

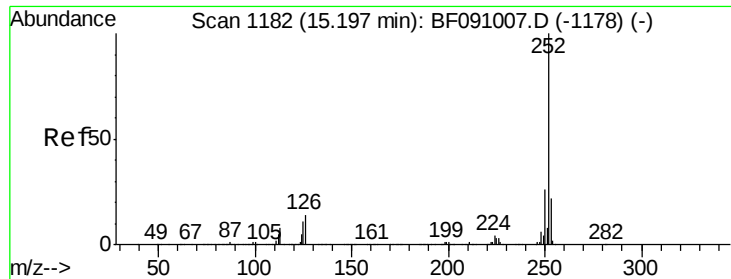


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

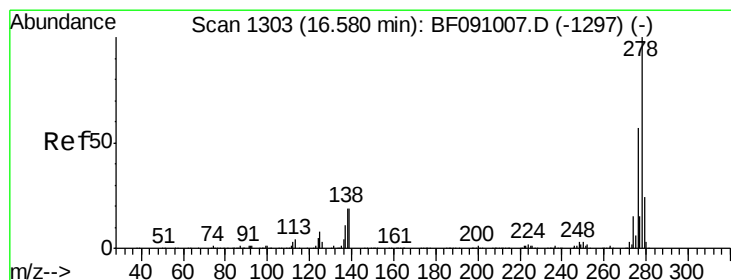
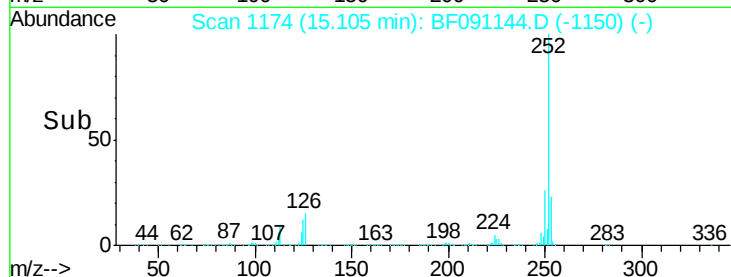
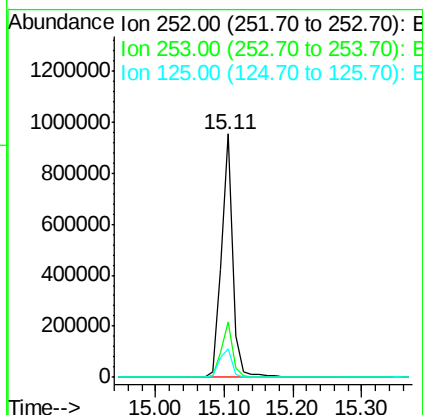
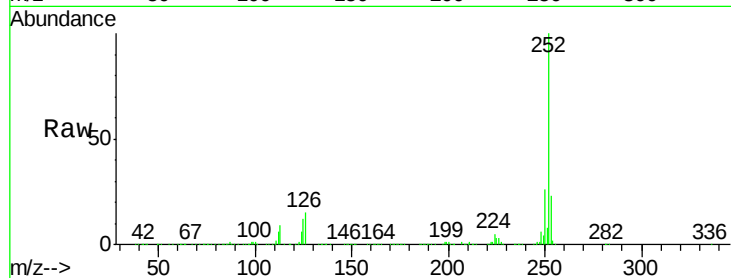




#89
Benzo(a)pyrene
Concen: 46.78 ng
RT: 15.11 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

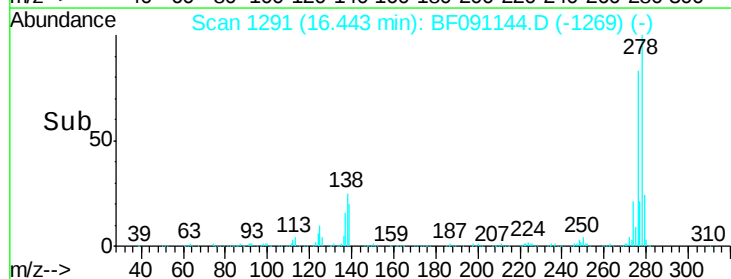
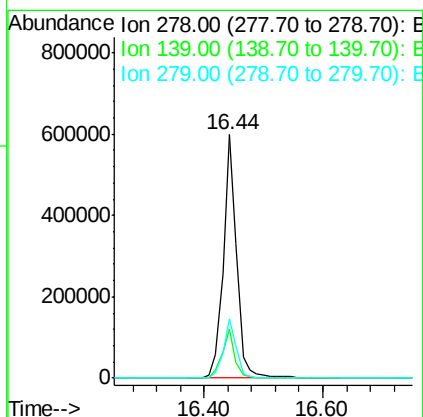
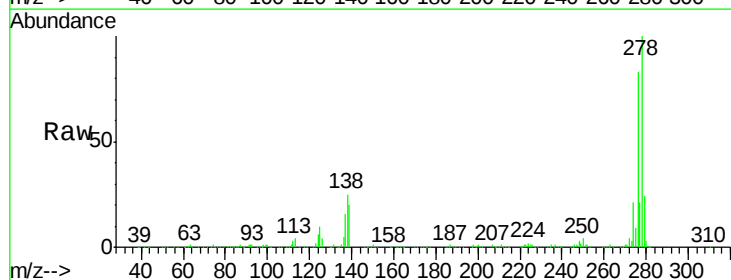
Instrument :
BNA_F
ClientSampleId :

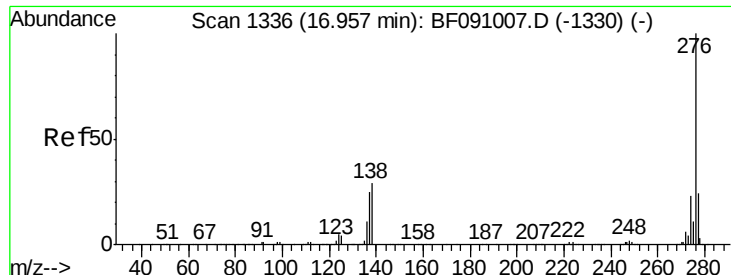
Tot Ion:252 Resp: 1110800
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.6 8.6 13.0



#90
Dibenzo(a,h)anthracene
Concen: 45.62 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:278 Resp: 936434
Ion Ratio Lower Upper
278 100
139 20.0 15.3 22.9
279 24.2 19.3 28.9

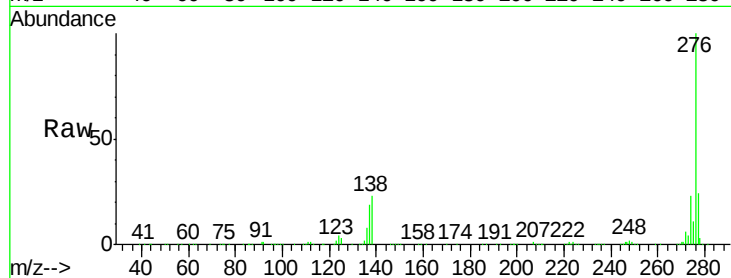




#91
 Benzo(a,h,i)perylene
 Concen: 46.13 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.03 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 856315
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.2 28.8
 138 22.5 23.3 34.9#



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

