

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
 Data File : BF092811.D
 Acq On : 6 Feb 2017 22:21
 Operator : SJ/MA
 Sample : I1695-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-11

Quant Time: Feb 07 01:13:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

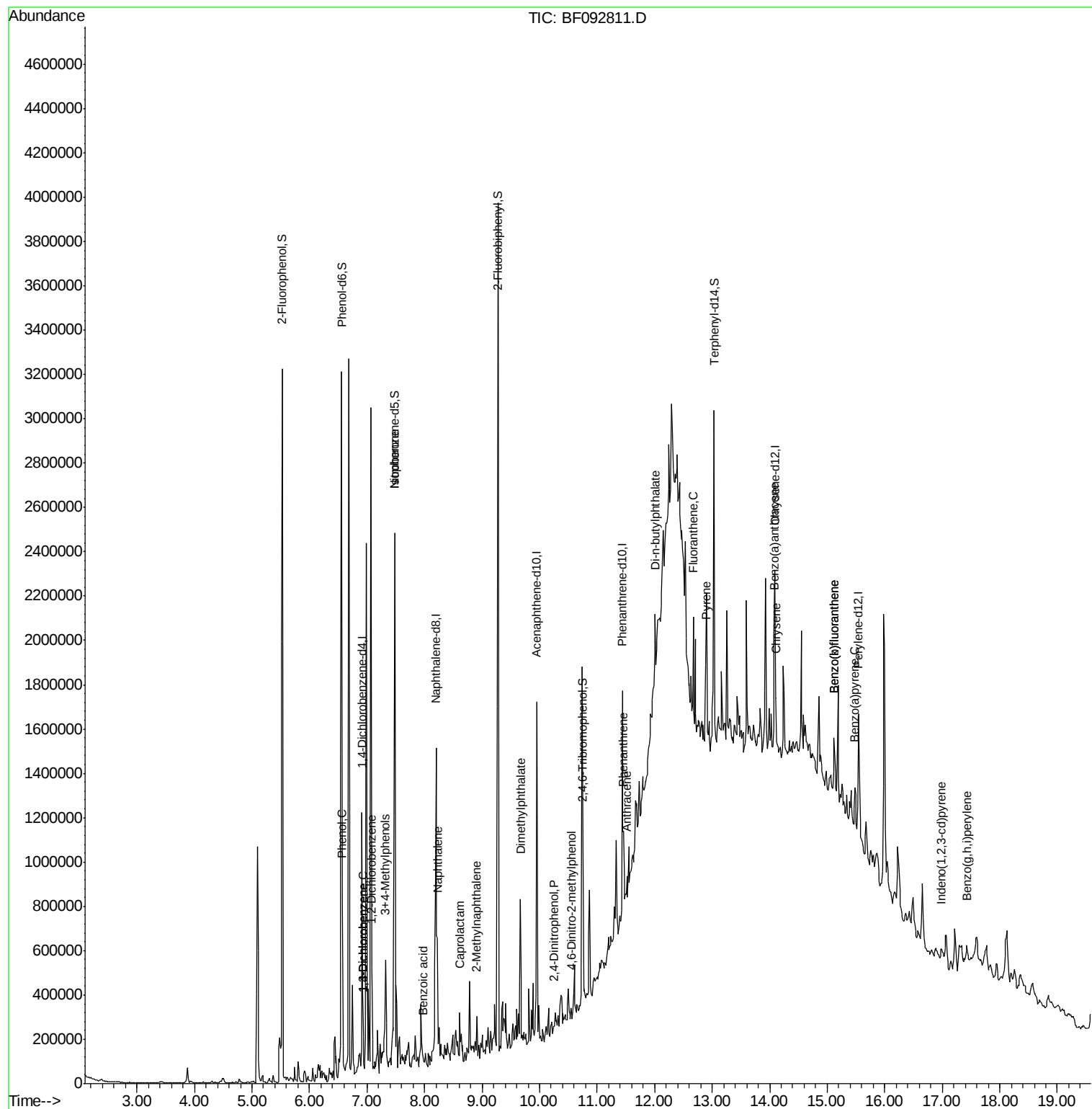
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	159660	20.00	ng	-0.06
21) Naphthalene-d8	8.20	136	723190	20.00	ng	-0.06
38) Acenaphthene-d10	9.95	164	307988	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	400977	20.00	ng	-0.06
75) Chrysene-d12	14.09	240	324573	20.00	ng	-0.06
86) Perylene-d12	15.54	264	276906	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1037320	111.47	ng	-0.04
7) Phenol-d6	6.56	99	1175027	98.13	ng	-0.05
23) Nitrobenzene-d5	7.48	82	850934	65.52	ng	-0.06
41) 2,4,6-Tribromophenol	10.75	330	219367	98.48	ng	-0.06
44) 2-Fluorobiphenyl	9.28	172	1310127	77.07	ng	-0.06
78) Terphenyl-d14	13.04	244	791957	57.33	ng	-0.05
Target Compounds						Qvalue
10) Phenol	6.57	94	109844	7.84	ng	# 74
12) 1,3-Dichlorobenzene	6.93	146	30429	2.53	ng	99
13) 1,4-Dichlorobenzene	6.93	146	30429	2.50	ng	95
14) 1,2-Dichlorobenzene	7.08	146	25379	2.18	ng	86
20) 3+4-Methylphenols	7.32	107	119573	11.35	ng	# 65
25) Isophorone	7.48	82	823679	34.04	ng	# 65
31) Naphthalene	8.22	128	309554	8.44	ng	99
32) Benzoic acid	7.97	122	5634	7.93	ng	# 61
35) Caprolactam	8.61	113	7781	2.38	ng	# 1
37) 2-Methylnaphthalene	8.91	142	48950	2.08	ng	97
49) Dimethylphthalate	9.66	163	194263	9.36	ng	98
53) 2,4-Dinitrophenol	10.25	184	944	5.12	ng	# 70
64) 4,6-Dinitro-2-methylphenol	10.56	198	513	2.87	ng	# 1
70) Phenanthrene	11.46	178	149406	6.50	ng	98
71) Anthracene	11.52	178	47053	2.04	ng	98
73) Di-n-butylphthalate	12.01	149	207548	8.70	ng	# 98
74) Fluoranthene	12.67	202	194855	8.22	ng	97
77) Pyrene	12.89	202	173958	7.16	ng	97
80) Benzo(a)anthracene	14.08	228	93117	4.69	ng	# 92
82) Chrysene	14.11	228	97883	5.27	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.98	276	46968	3.26	ng	91
87) Benzo(b)fluoranthene	15.12	252	155020	8.51	ng	# 83
88) Benzo(k)fluoranthene	15.12	252	155020	9.85	ng	# 83
89) Benzo(a)pyrene	15.48	252	78988	5.01	ng	# 83
91) Benzo(g,h,i)perylene	17.43	276	57023	4.43	ng	# 85

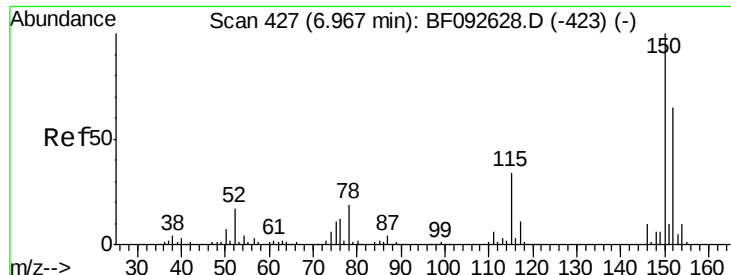
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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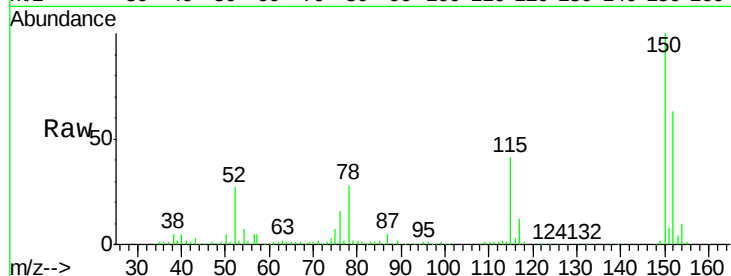




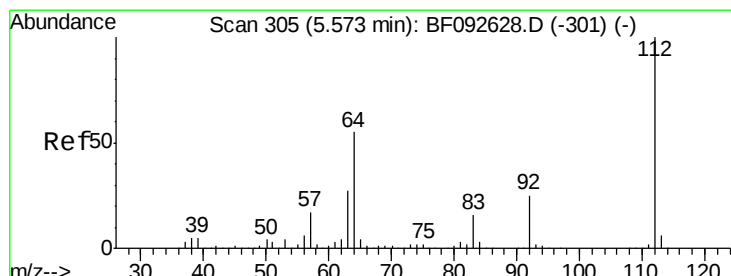
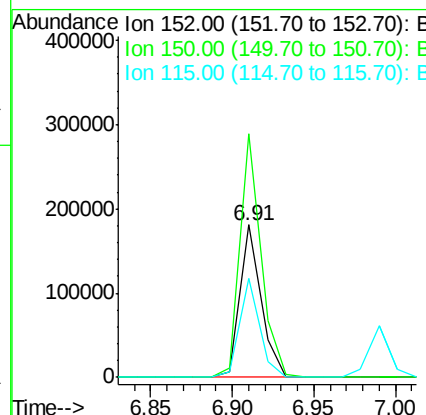
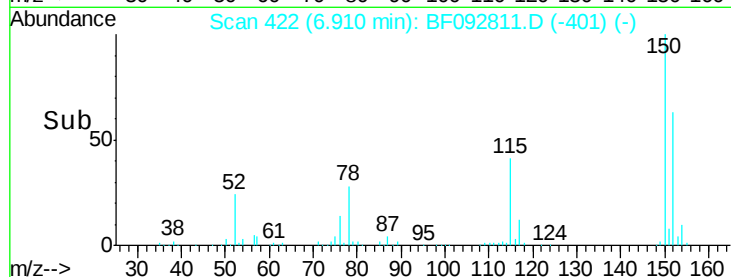
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.06 min
 Lab File: BF092811.D
 Acq: 6 Feb 2017 22:21

Instrument :
 BNA_F
 ClientSampleId :
 B2-11

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.9	187.3
115	65.0	46.0	69.0

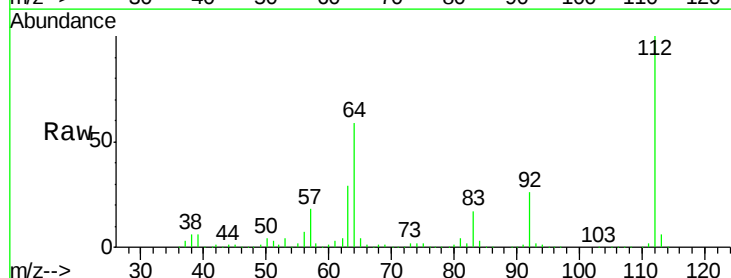


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

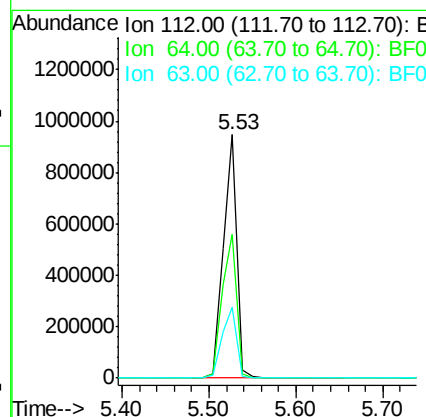
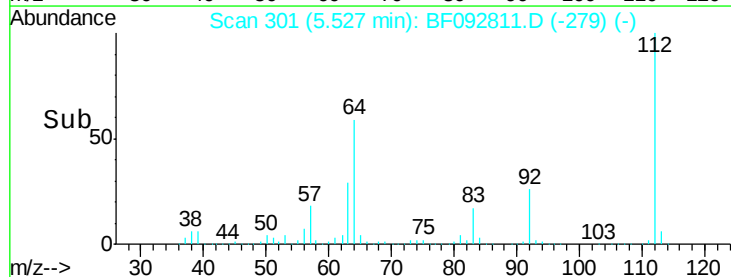


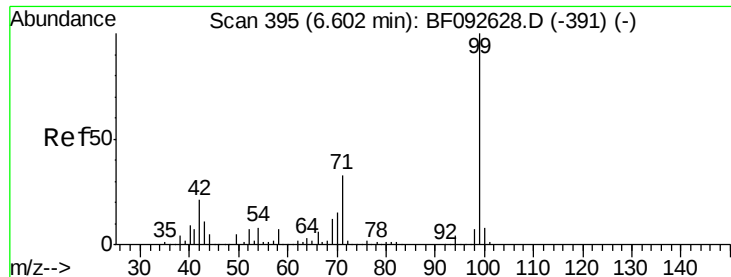
#5
 2-Fluorophenol
 Concen: 111.47 ng
 RT: 5.53 min Scan# 301
 Delta R.T. -0.04 min
 Lab File: BF092811.D
 Acq: 6 Feb 2017 22:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.1	69.1
63	29.3	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.13 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

Instrument :

BNA_F

ClientSampleId :

B2-11

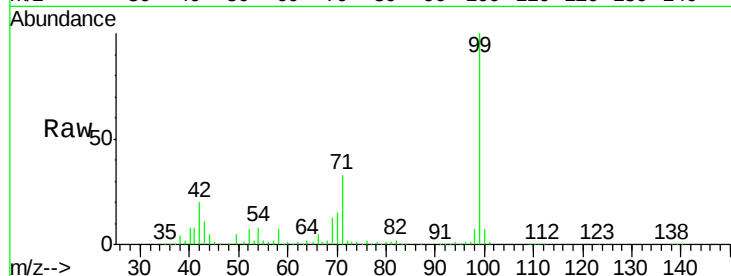
Tgt Ion: 99 Resp: 1175027

Ion Ratio Lower Upper

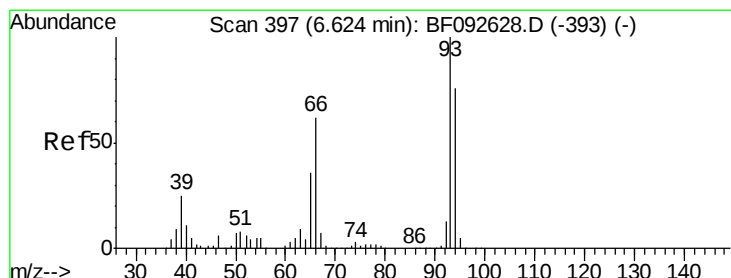
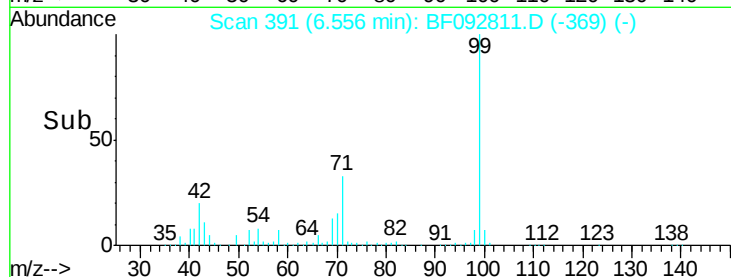
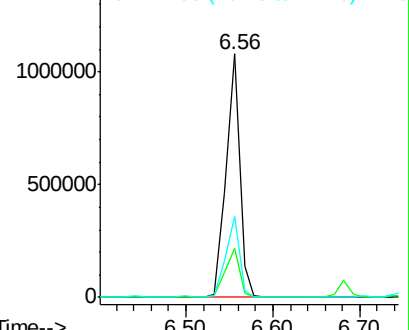
99 100

42 20.2 15.6 23.4

71 33.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.84 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

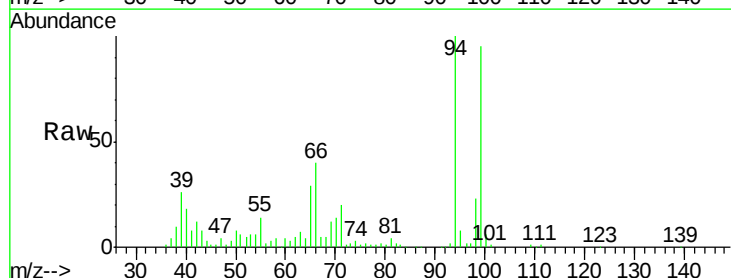
Tgt Ion: 94 Resp: 109844

Ion Ratio Lower Upper

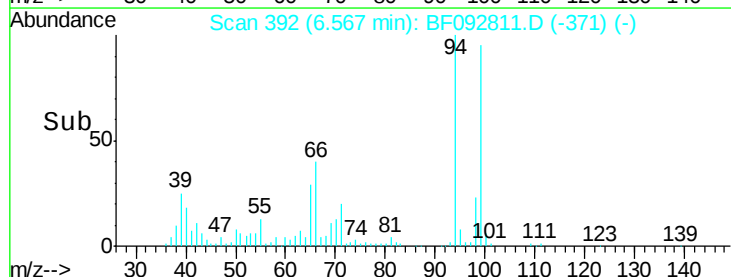
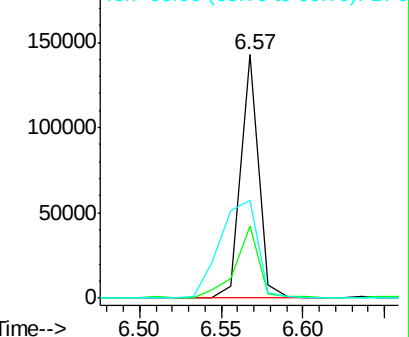
94 100

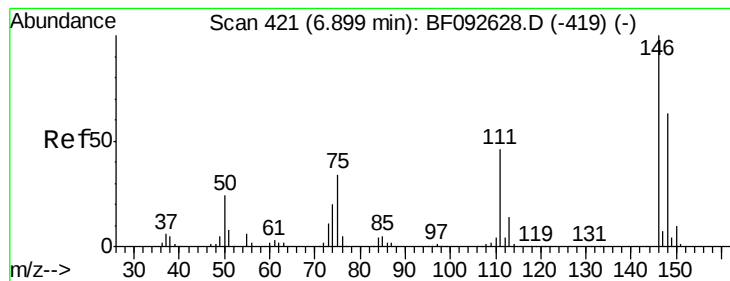
65 29.4 21.4 61.4

66 40.0 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#12

1,3-Dichlorobenzene

Concen: 2.53 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.03 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

Instrument :

BNA_F

ClientSampleId :

B2-11

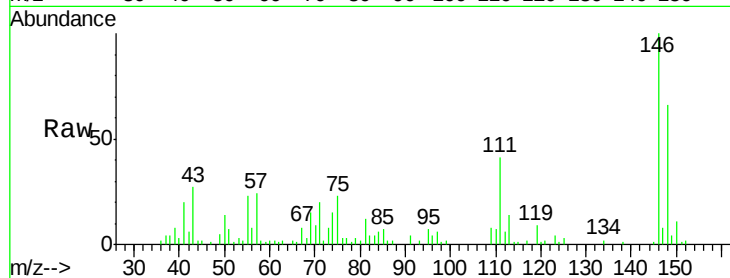
Tgt Ion:146 Resp: 30429

Ion Ratio Lower Upper

146 100

148 65.5 53.4 80.0

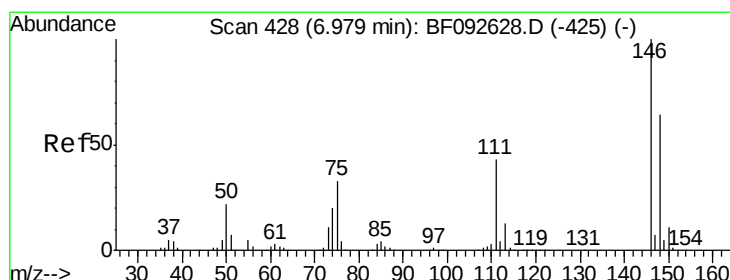
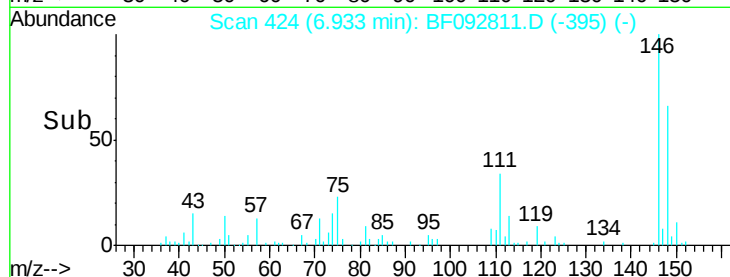
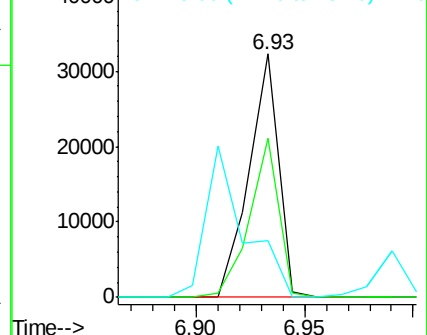
75 23.2 18.5 27.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 2.50 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

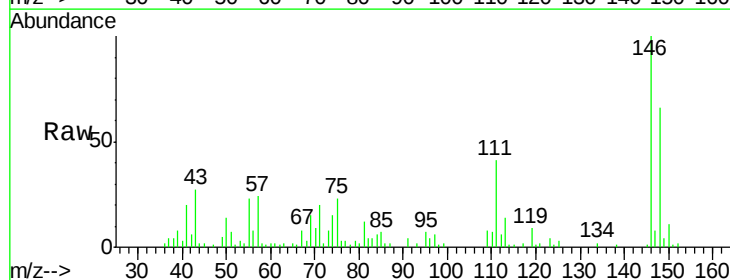
Tgt Ion:146 Resp: 30429

Ion Ratio Lower Upper

146 100

148 65.5 50.6 76.0

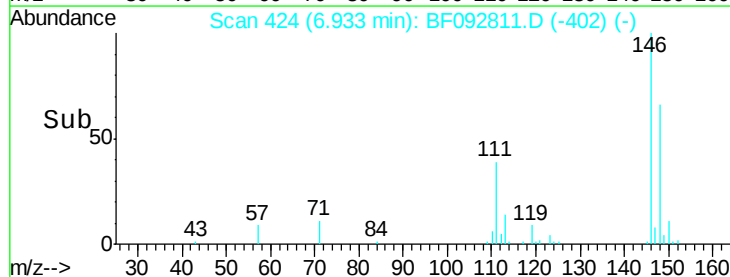
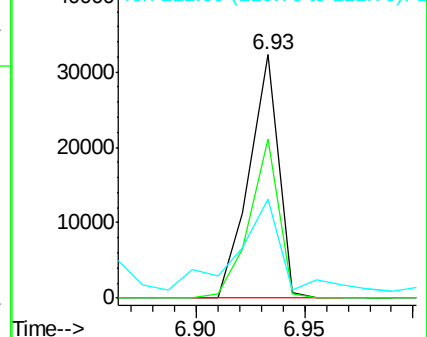
111 40.7 36.2 54.4

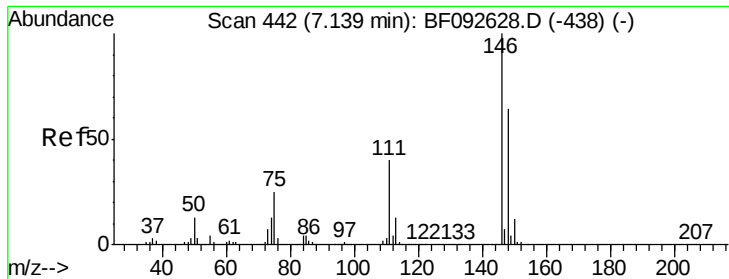


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

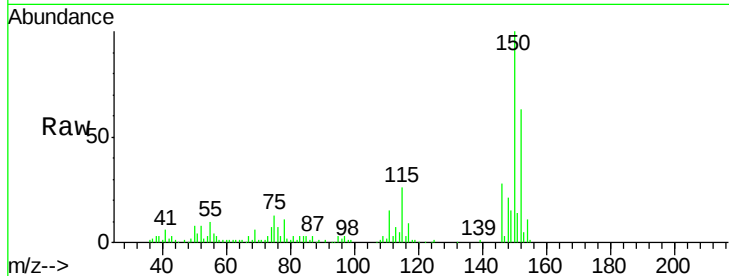




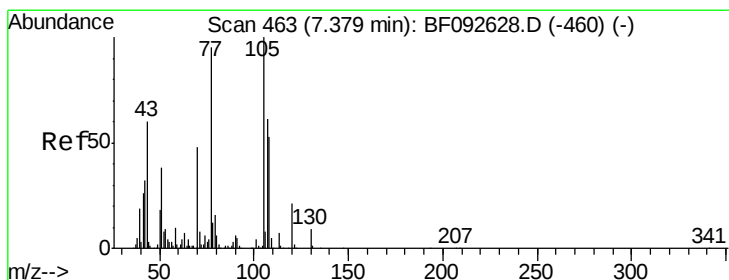
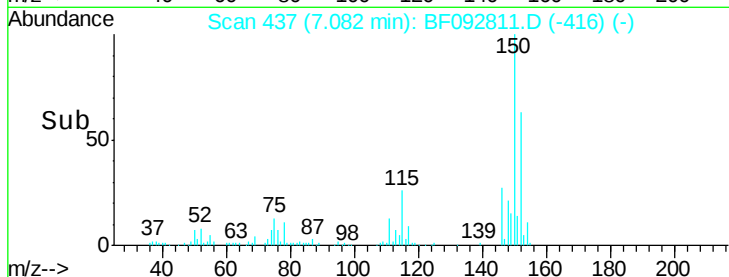
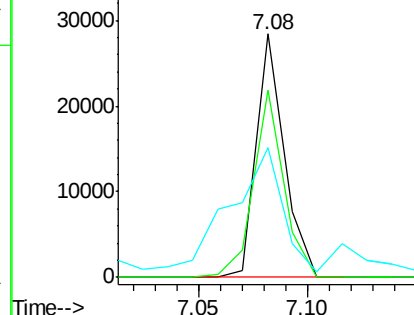
#14
 1,2-Dichlorobenzene
 Concen: 2.18 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.06 min
 Lab File: BF092811.D
 Acq: 6 Feb 2017 22:21

Instrument :
 BNA_F
 ClientSampleId :
 B2-11

Tgt Ion:146 Resp: 25379
 Ion Ratio Lower Upper
 146 100
 148 77.2 52.2 78.2
 111 53.1 36.2 54.2

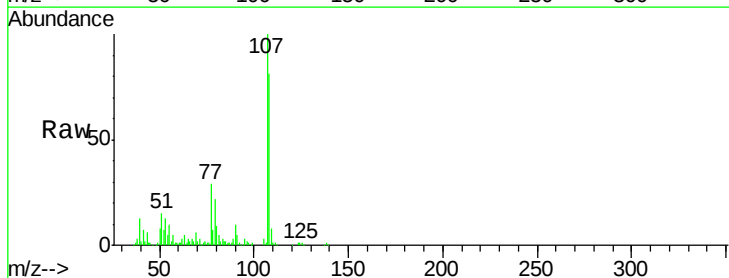


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

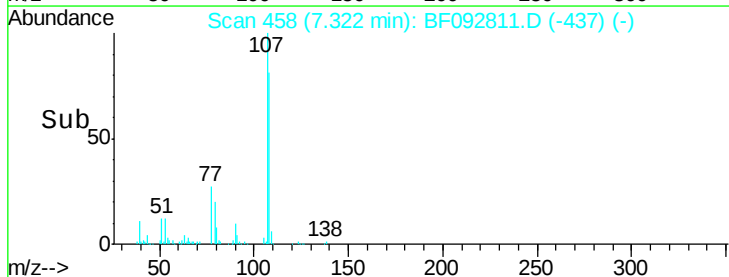
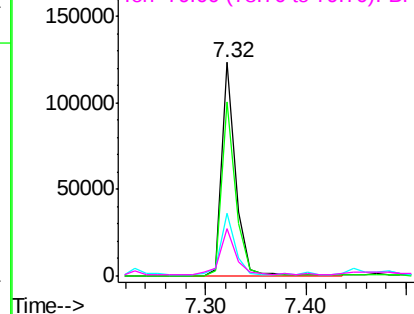


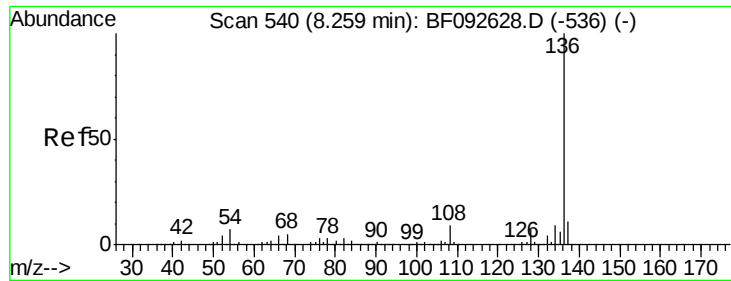
#20
 3+4-Methylphenols
 Concen: 11.35 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF092811.D
 Acq: 6 Feb 2017 22:21

Tgt Ion:107 Resp: 119573
 Ion Ratio Lower Upper
 107 100
 108 81.2 73.0 113.0
 77 29.4 71.3 111.3#
 79 21.9 11.1 51.1



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

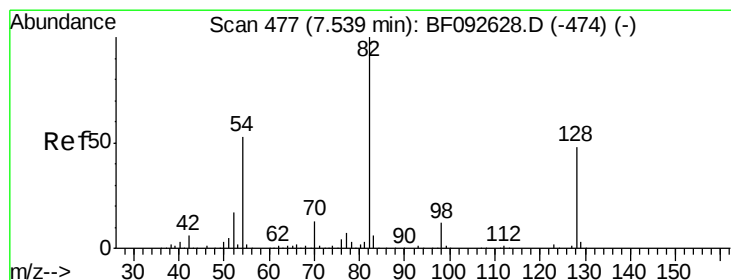
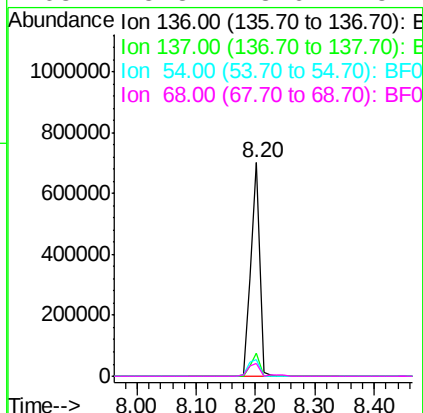
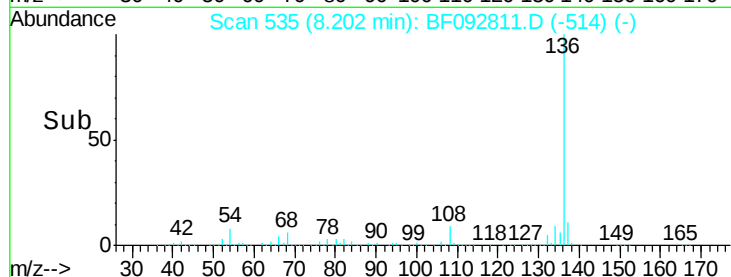
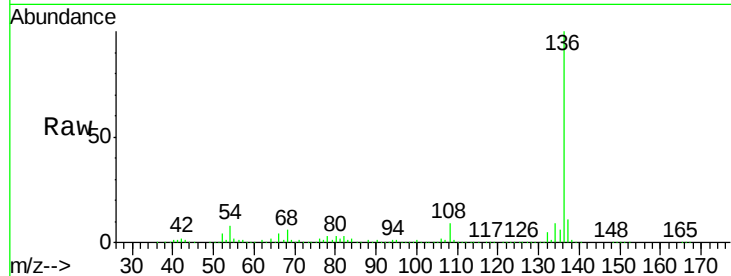




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

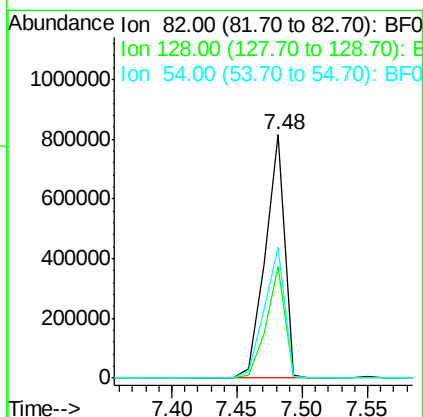
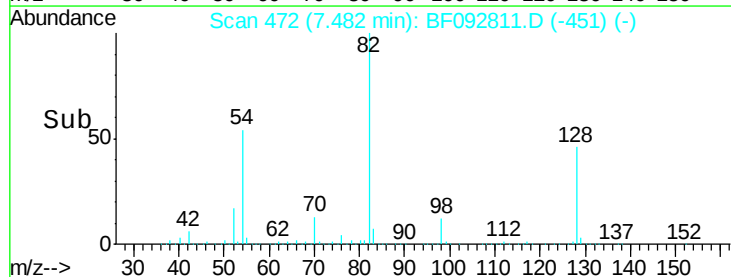
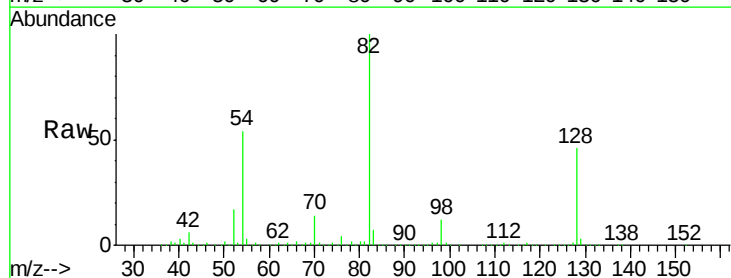
Instrument :
BNA_F
ClientSampled :
B2-11

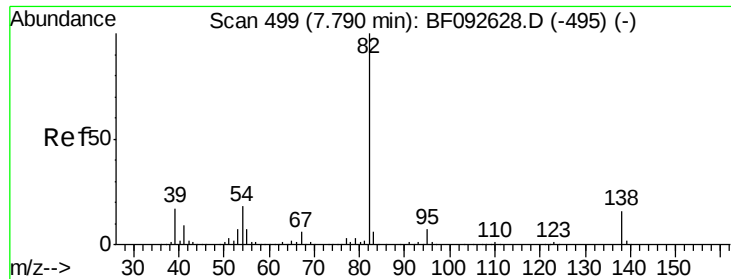
Tgt Ion:	136	Resp:	723190
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.7	4.5	6.7#
68	5.8	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 65.52 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:	82	Resp:	850934
Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	52.0
54	53.9	39.5	59.3





#25

Isophorone

Concen: 34.04 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.31 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

Instrument :

BNA_F

ClientSampleId :

B2-11

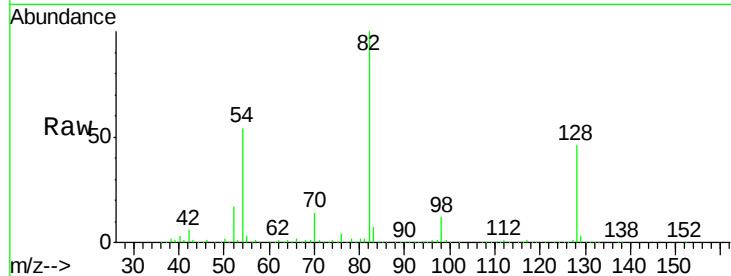
Tgt Ion: 82 Resp: 823679

Ion Ratio Lower Upper

82 100

95 0.4 5.6 8.4#

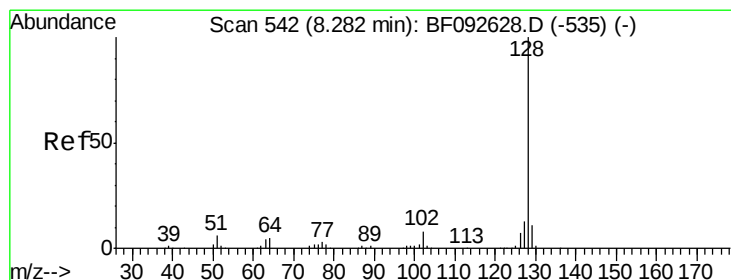
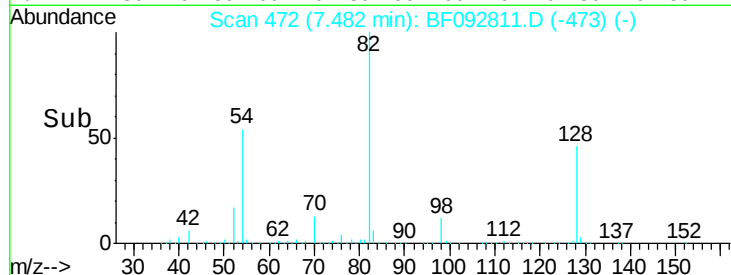
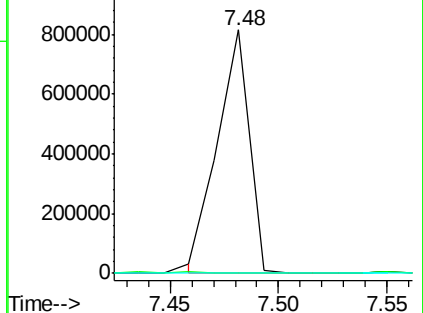
138 0.0 14.6 22.0#



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



#31

Naphthalene

Concen: 8.44 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.06 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

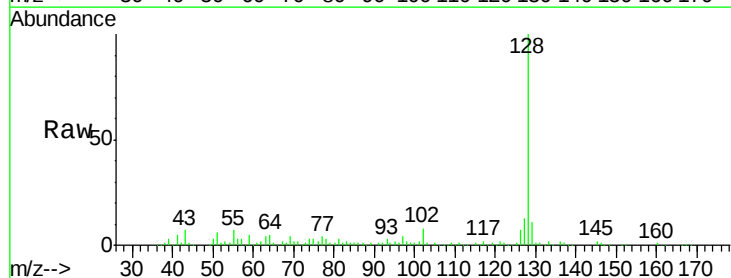
Tgt Ion: 128 Resp: 309554

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

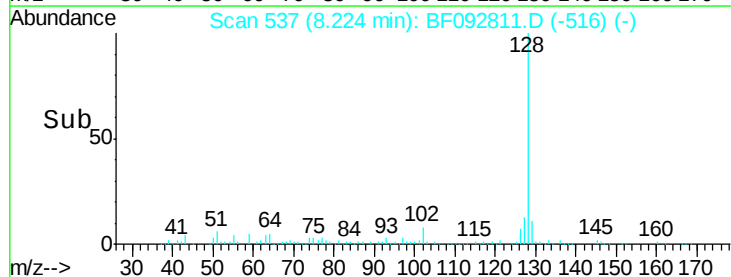
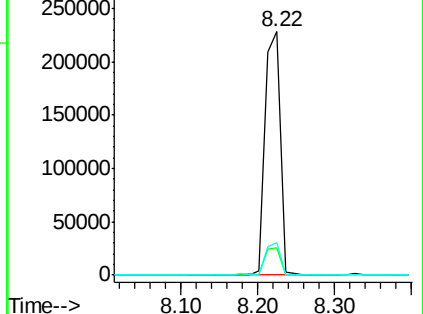
127 13.2 10.8 16.2

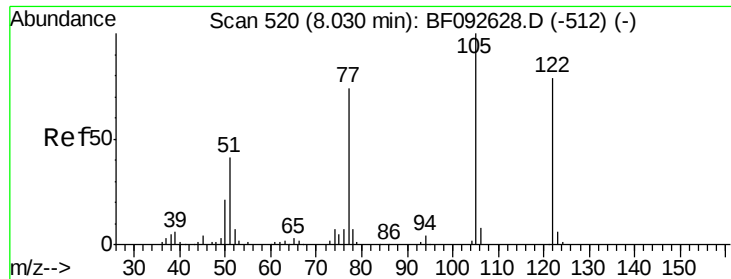


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.93 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.06 min

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B2-11

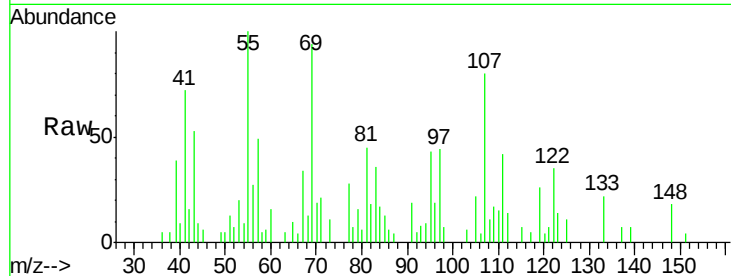
Tgt Ion:122 Resp: 5634

Ion Ratio Lower Upper

122 100

105 61.3 107.2 147.2#

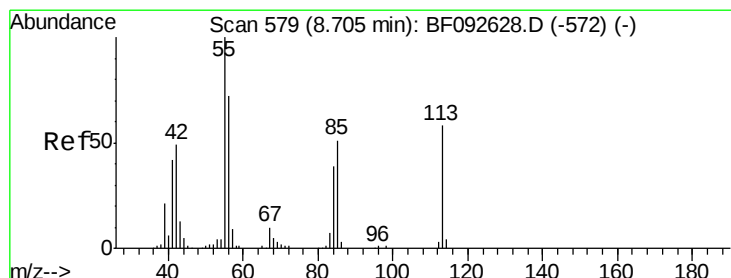
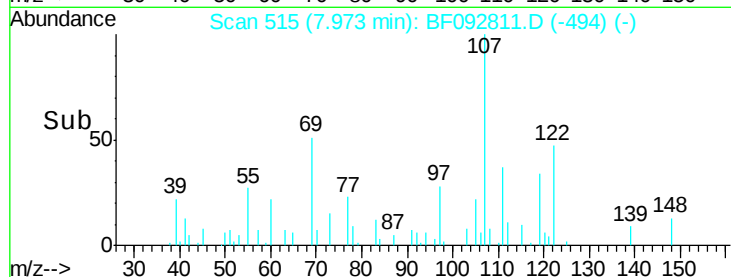
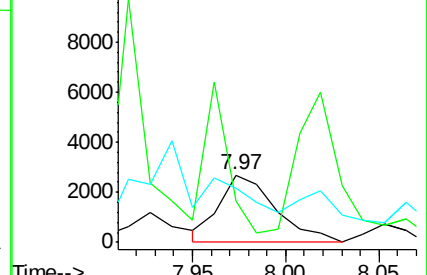
77 79.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 2.38 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.09 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

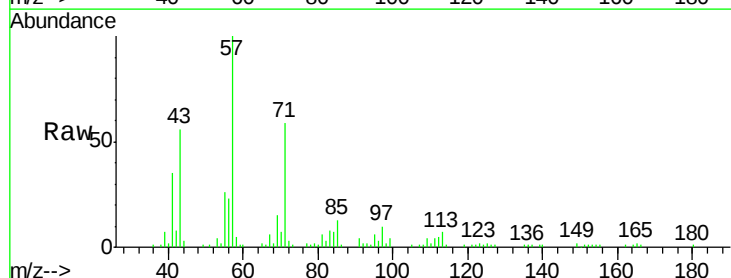
Tgt Ion:113 Resp: 7781

Ion Ratio Lower Upper

113 100

55 390.2 119.2 159.2#

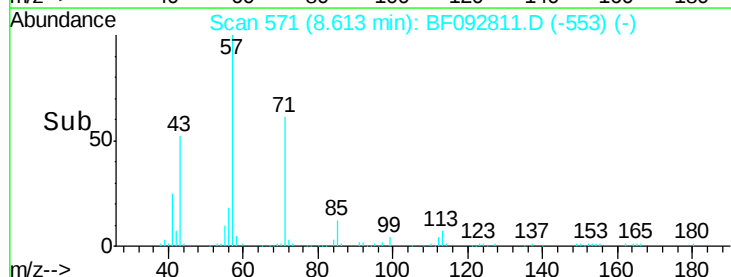
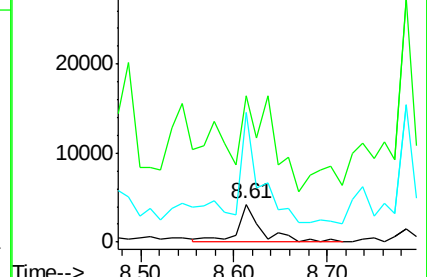
56 343.8 83.8 123.8#

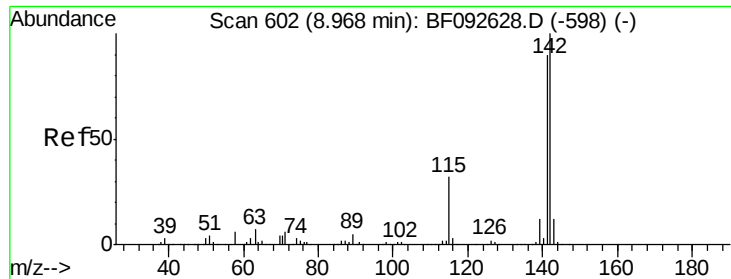


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

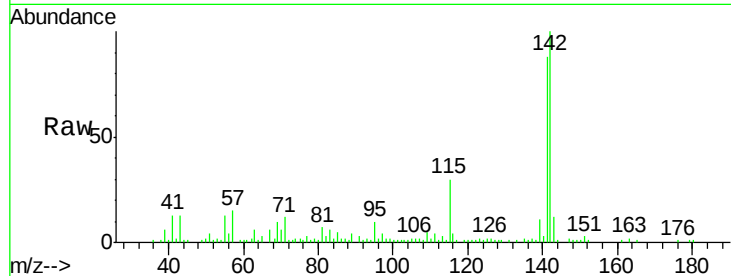




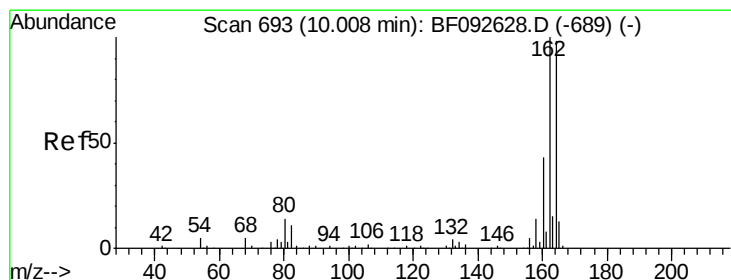
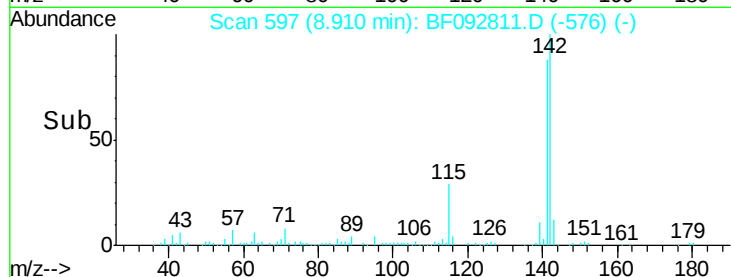
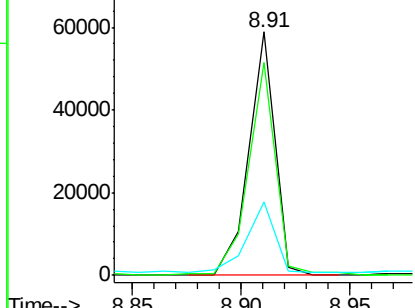
#37
2-Methylnaphthalene
Concen: 2.08 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Instrument :
BNA_F
ClientSampleId :
B2-11

Tgt Ion:142 Resp: 48950
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6
115 30.1 28.3 42.5

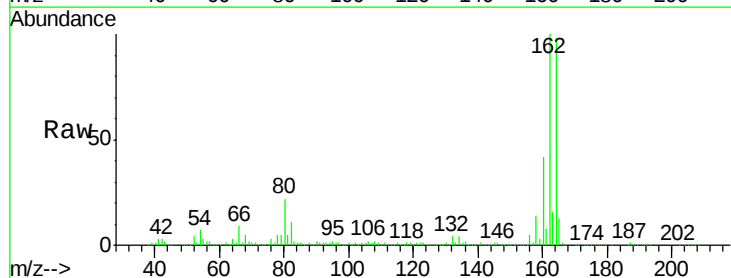


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

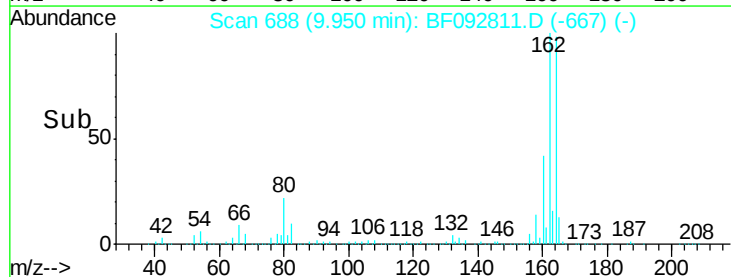
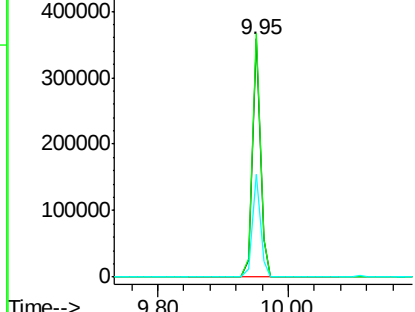


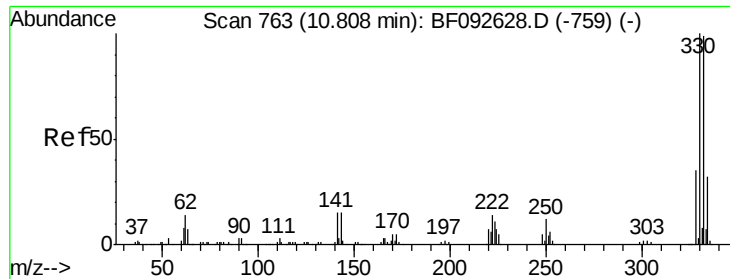
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:164 Resp: 307988
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 43.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

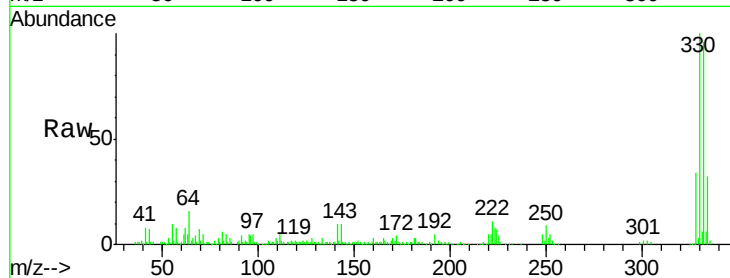




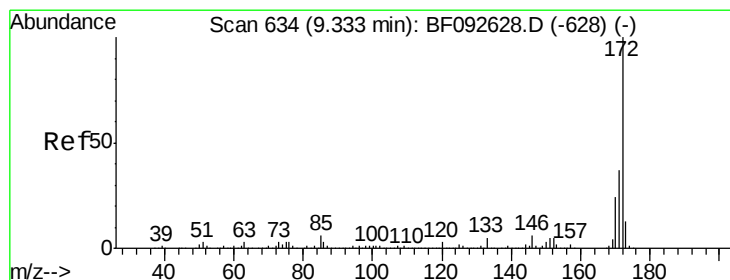
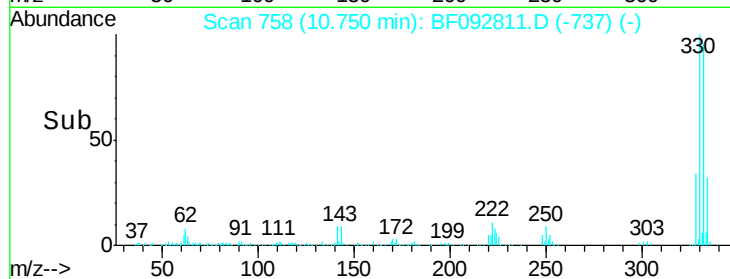
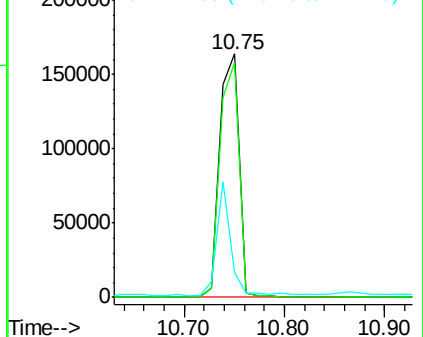
#41
 2,4,6-Tribromophenol
 Concen: 98.48 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.06 min
 Lab File: BF092811.D
 Acq: 6 Feb 2017 22:21

Instrument :
 BNA_F
 ClientSampleId :
 B2-11

Tgt Ion:330 Resp: 219367
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.2
 141 33.4 34.1 51.1#

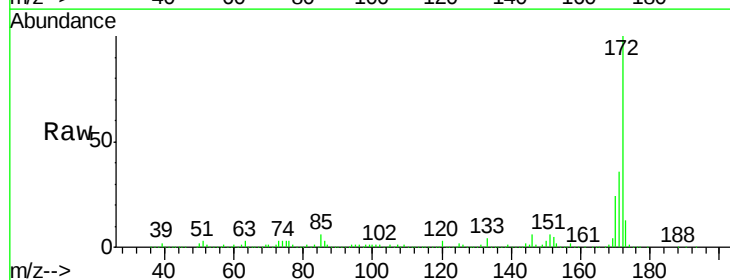


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

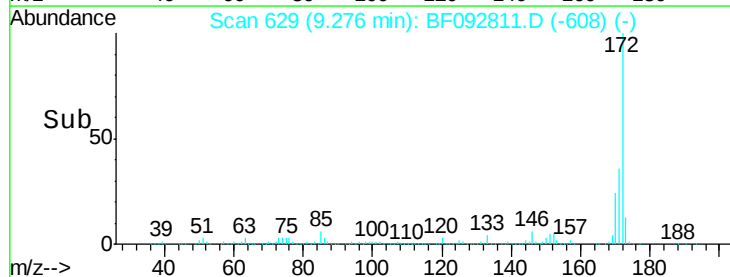
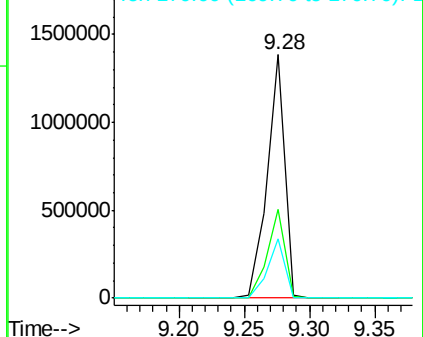


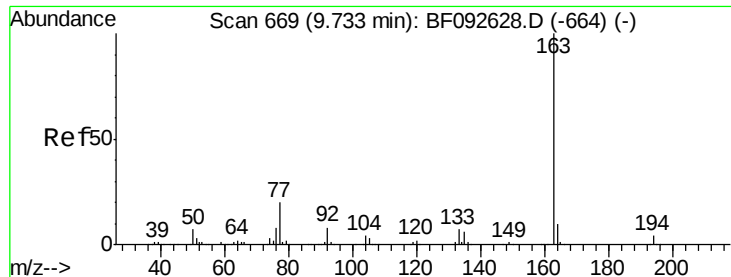
#44
 2-Fluorobiphenyl
 Concen: 77.07 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.06 min
 Lab File: BF092811.D
 Acq: 6 Feb 2017 22:21

Tgt Ion:172 Resp: 1310127
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 20.2 30.4



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





#49

Dimethylphthalate

Concen: 9.36 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

Instrument :

BNA_F

ClientSampleId :

B2-11

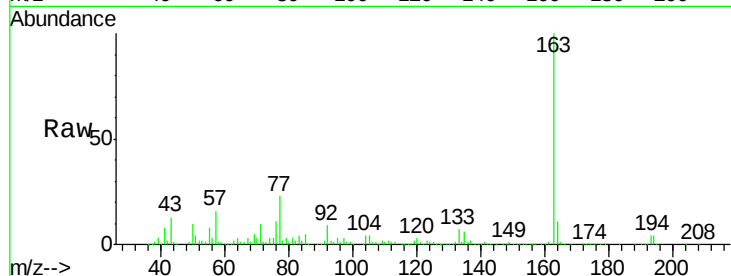
Tgt Ion:163 Resp: 194263

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

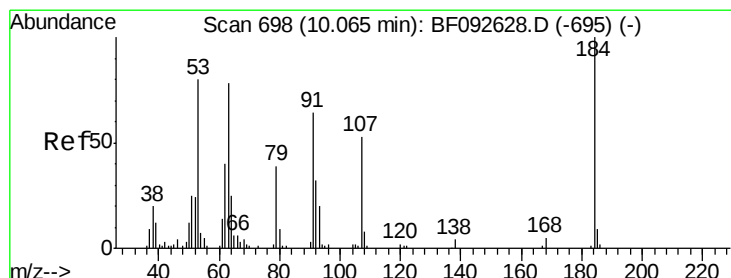
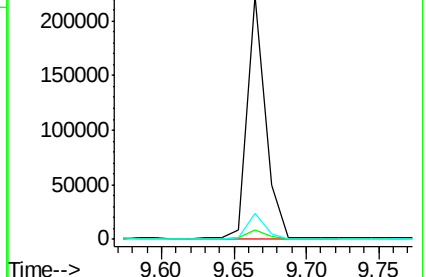
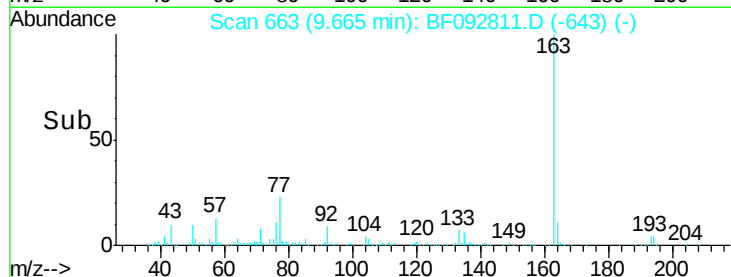
164 10.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 5.12 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.18 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

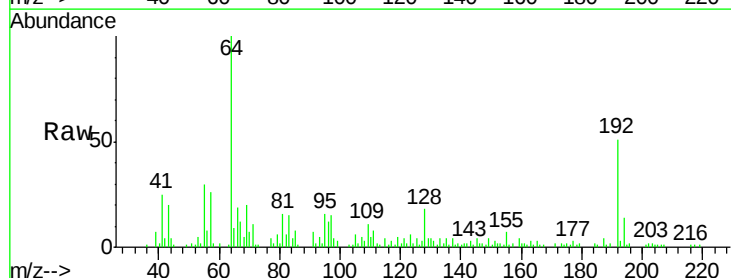
Tgt Ion:184 Resp: 944

Ion Ratio Lower Upper

184 100

63 61.5 28.4 42.6#

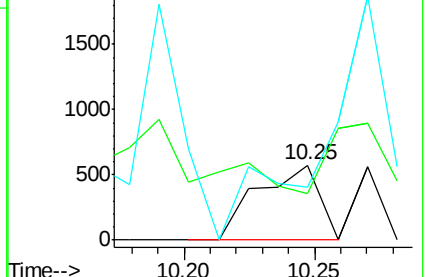
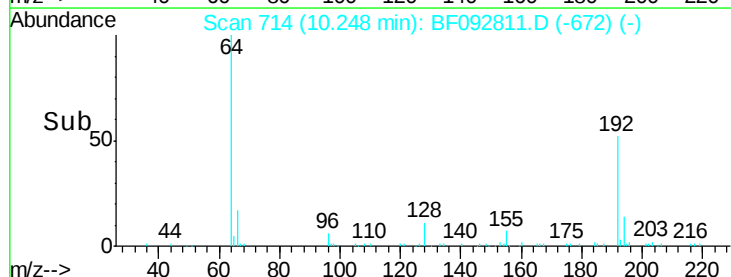
154 70.4 44.3 66.5#

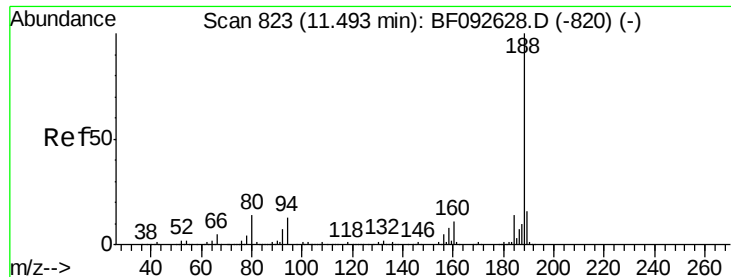


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

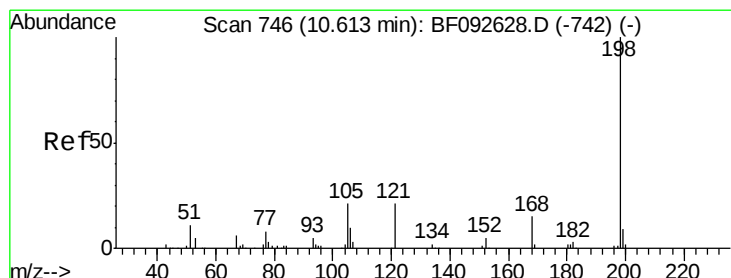
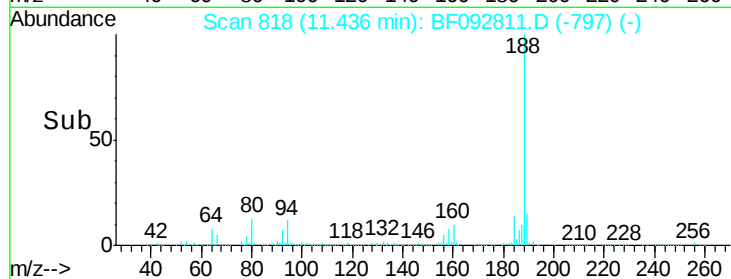
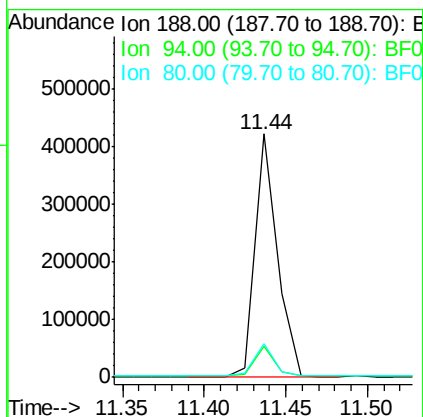
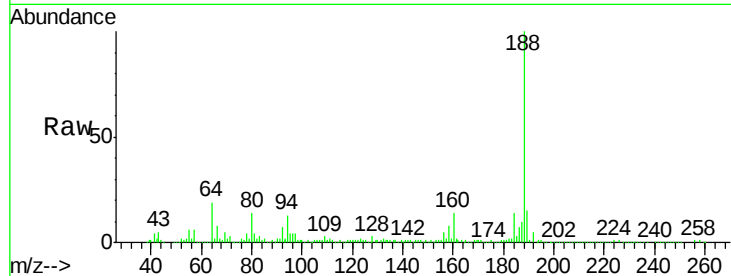




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

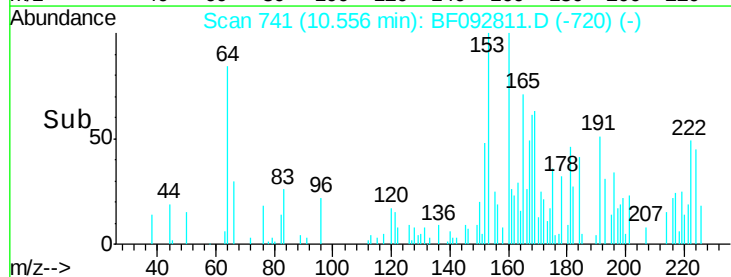
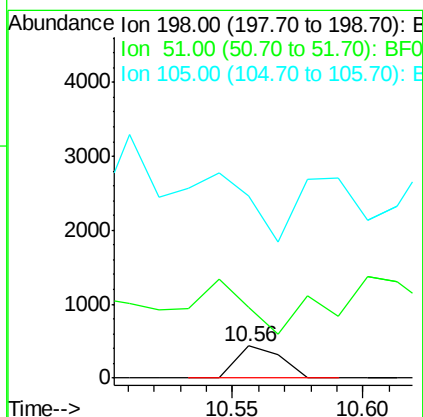
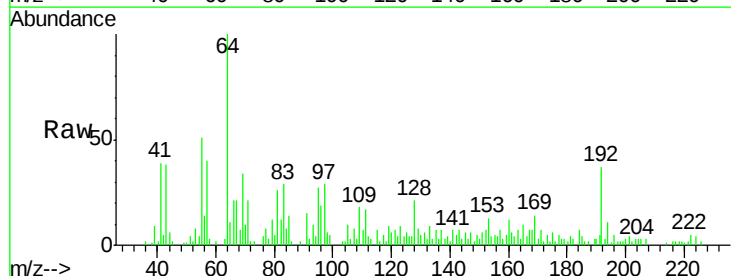
Instrument :
BNA_F
ClientSampled :
B2-11

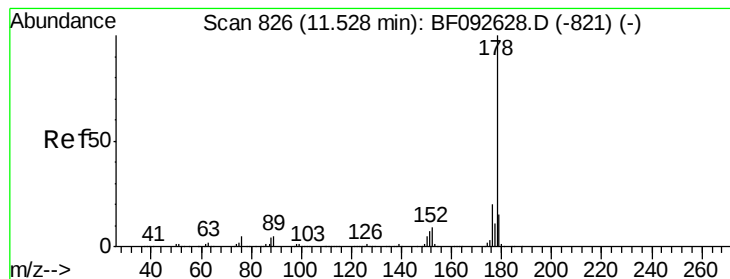
Tgt Ion:188 Resp: 400977
Ion Ratio Lower Upper
188 100
94 12.9 10.0 15.0
80 13.7 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.87 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:198 Resp: 513
Ion Ratio Lower Upper
198 100
51 224.7 6.7 46.7#
105 572.6 16.6 56.6#





#70

Phenanthrene

Concen: 6.50 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.07 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

Instrument :

BNA_F

ClientSampleId :

B2-11

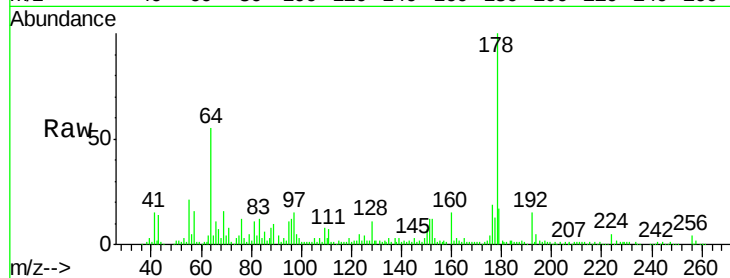
Tgt Ion:178 Resp: 149406

Ion Ratio Lower Upper

178 100

176 19.4 16.6 25.0

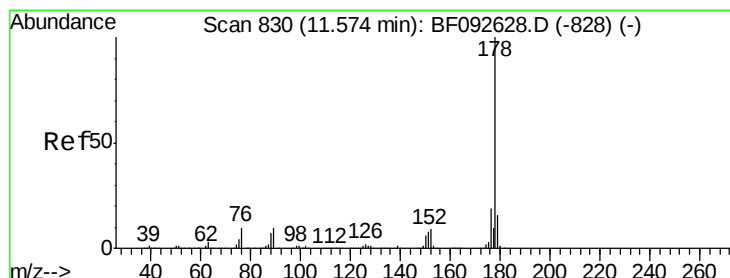
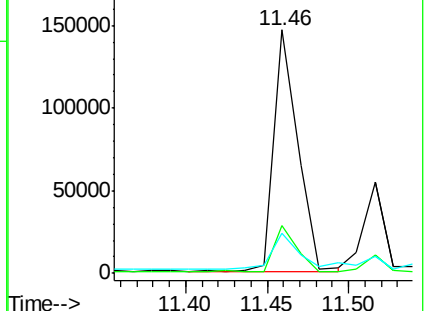
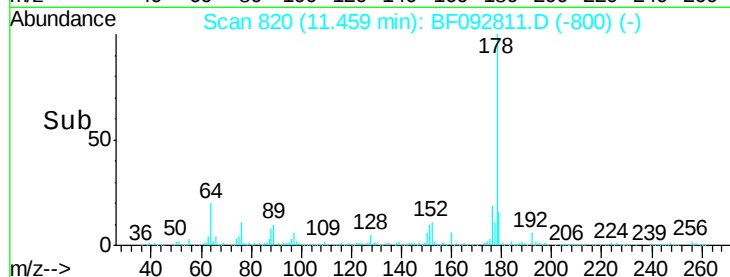
179 16.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.04 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.06 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

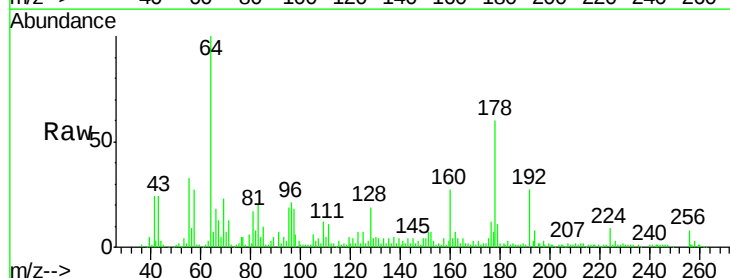
Tgt Ion:178 Resp: 47053

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

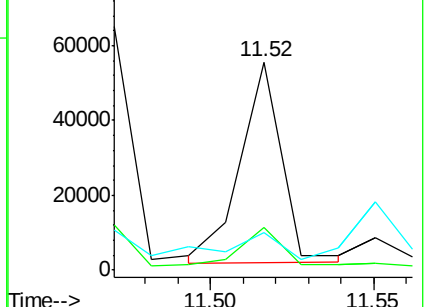
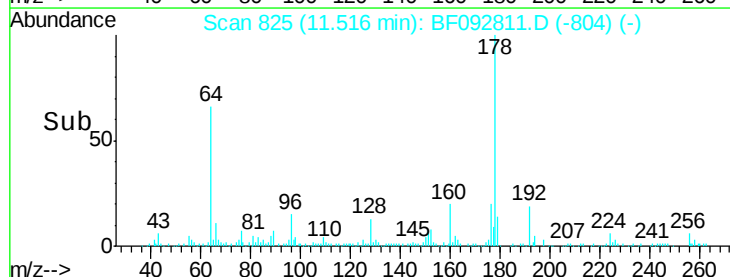
179 18.1 13.2 19.8

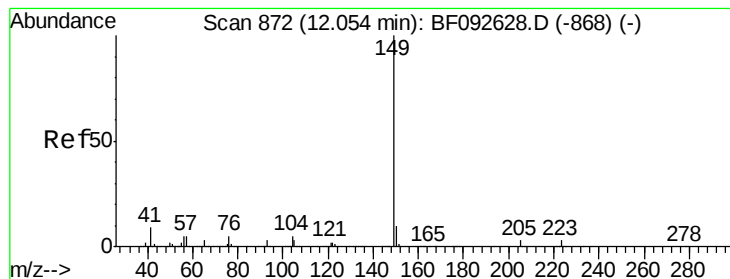


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 8.70 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.05 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

Instrument :

BNA_F

ClientSampled :

B2-11

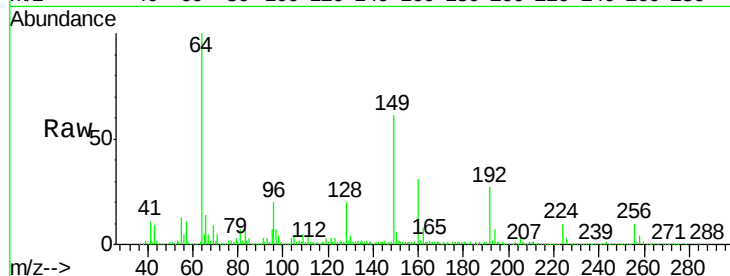
Tgt Ion:149 Resp: 207548

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

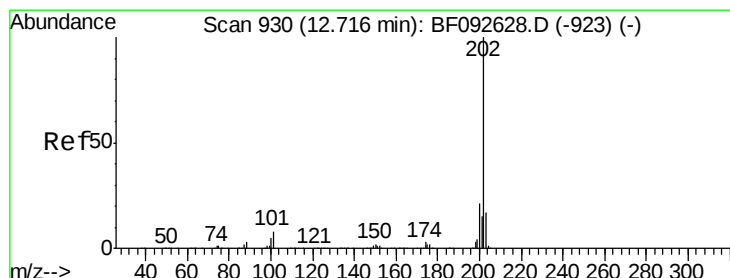
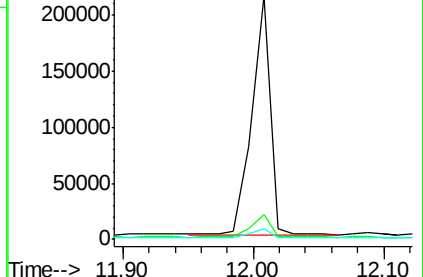
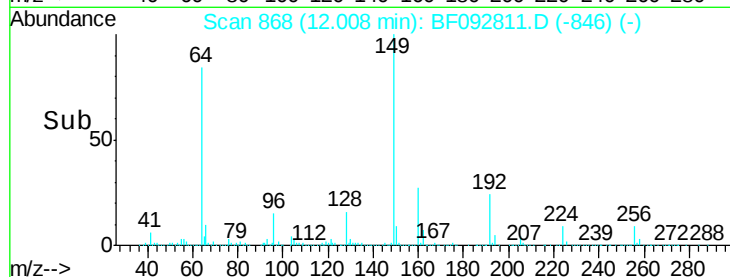
104 4.4 4.6 7.0#



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: 8.22 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

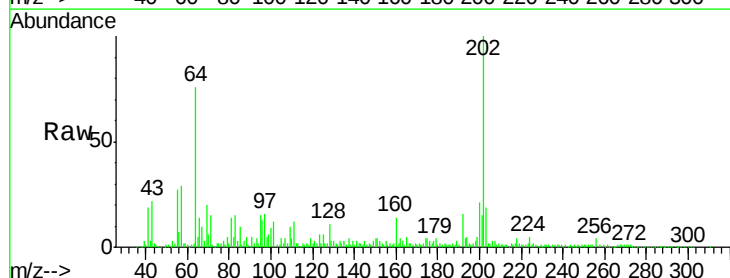
Tgt Ion:202 Resp: 194855

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.6

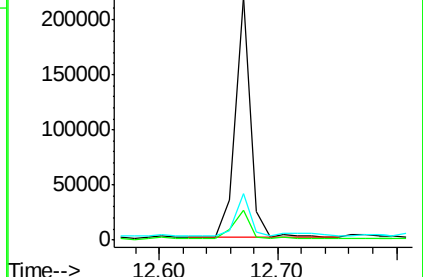
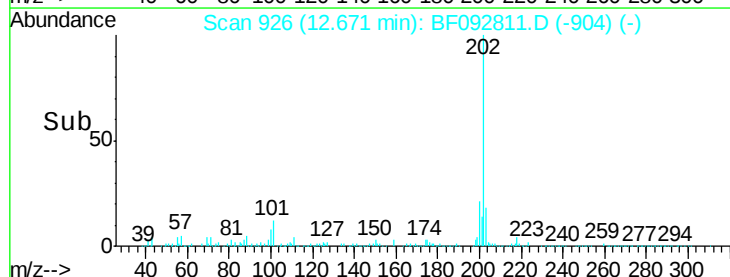
203 18.8 0.0 38.7

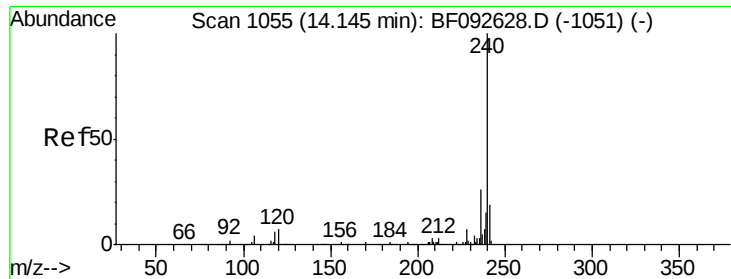


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

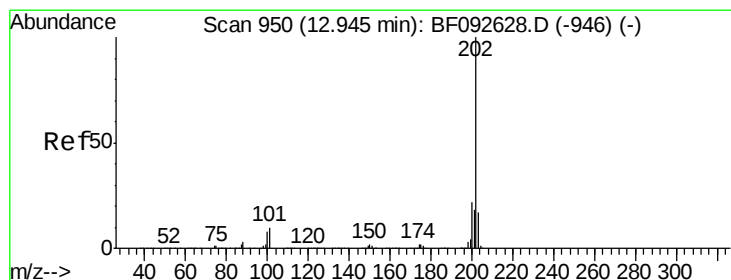
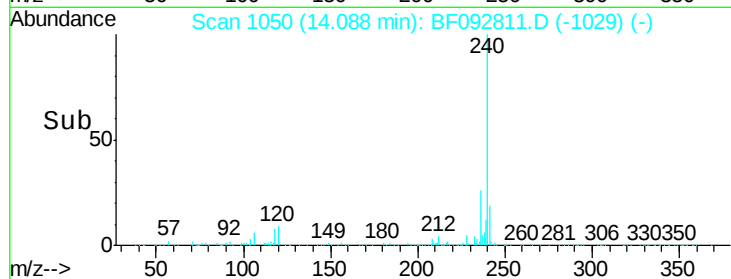
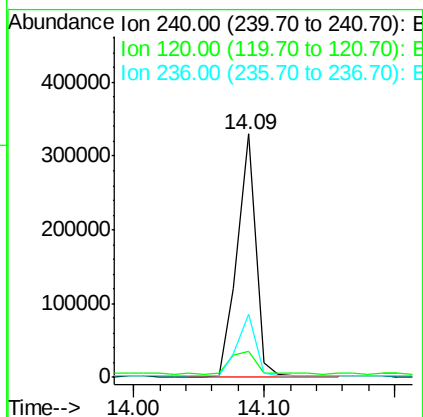
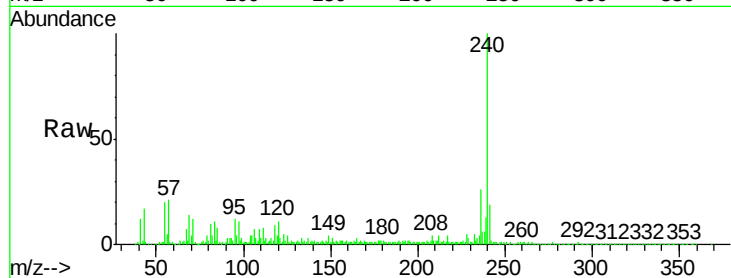




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

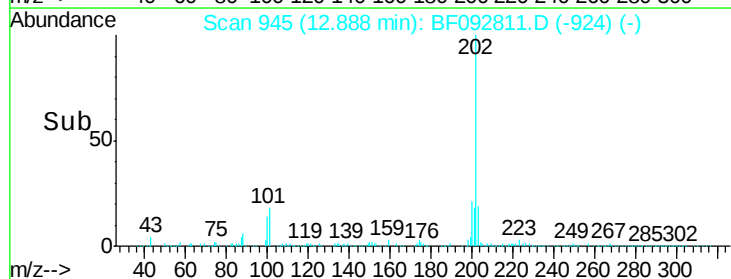
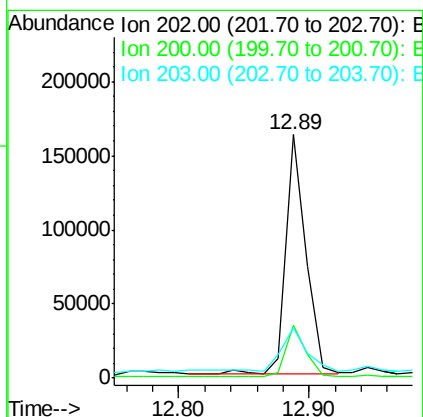
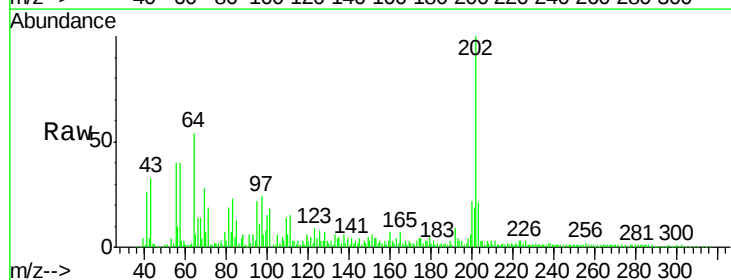
Instrument :
BNA_F
ClientSampleId :
B2-11

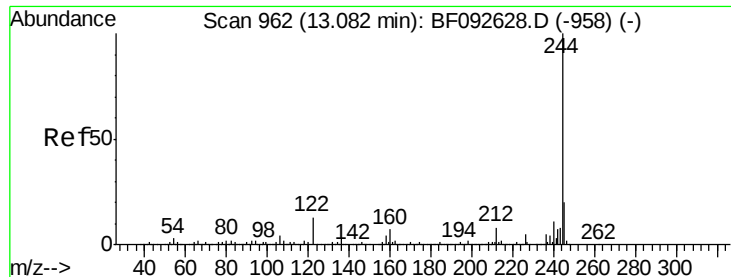
Tgt Ion:240 Resp: 324573
Ion Ratio Lower Upper
240 100
120 10.8 12.9 19.3#
236 26.0 20.9 31.3



#77
Pyrene
Concen: 7.16 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.06 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:202 Resp: 173958
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 20.8 14.7 22.1

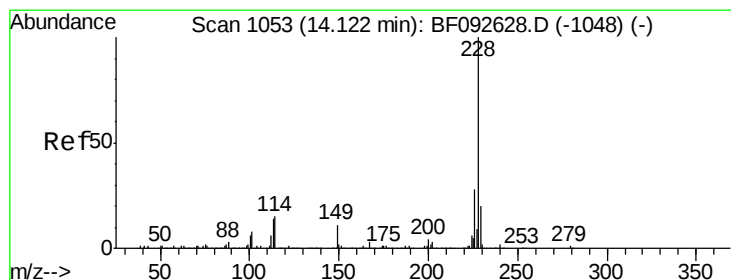
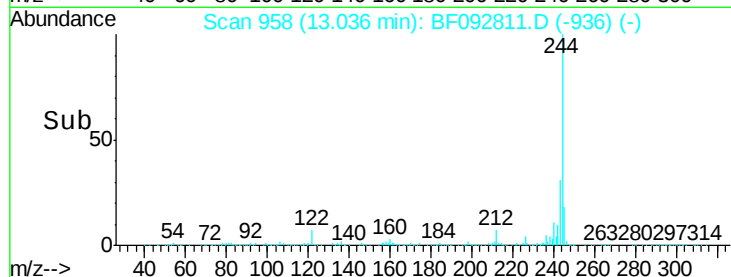
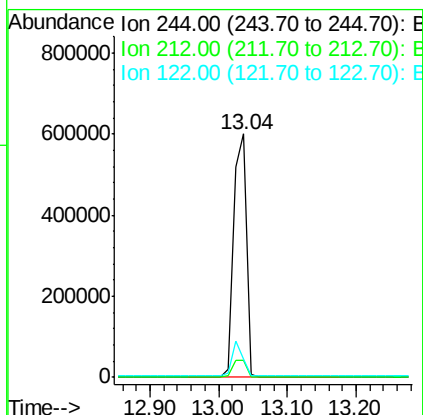
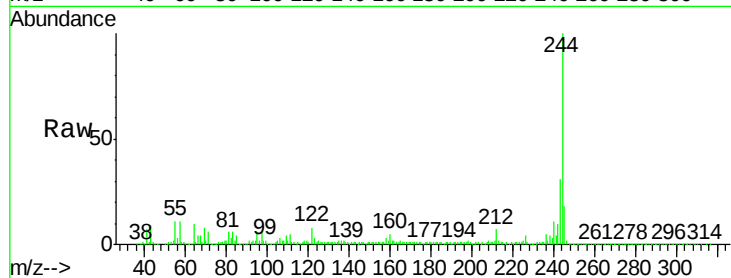




#78
 Terphenyl-d14
 Concen: 57.33 ng
 RT: 13.04 min Scan# 958
 Delta R.T. -0.05 min
 Lab File: BF092811.D
 Acq: 6 Feb 2017 22:21

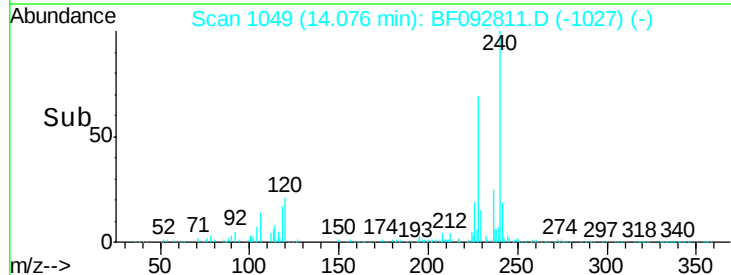
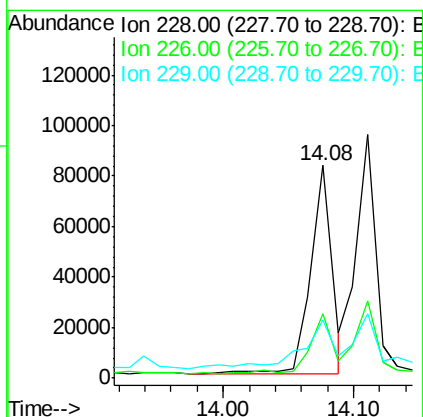
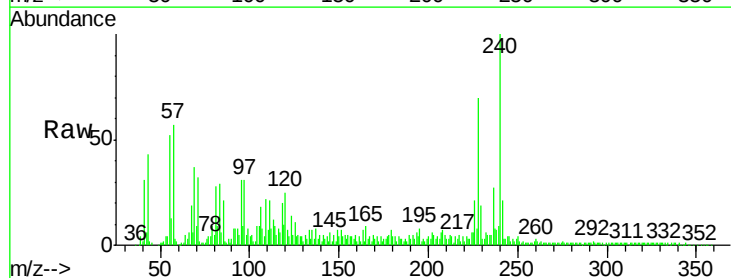
Instrument :
 BNA_F
 ClientSampleId :
 B2-11

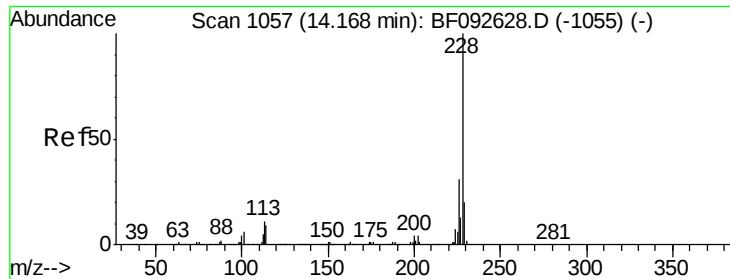
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	7.6	11.4	17.2#



#80
 Benzo(a)anthracene
 Concen: 4.69 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.05 min
 Lab File: BF092811.D
 Acq: 6 Feb 2017 22:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.4	33.6
229	27.1	16.2	24.4#





#82

Chrysene

Concen: 5.27 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

Instrument :

BNA_F

ClientSampleId :

B2-11

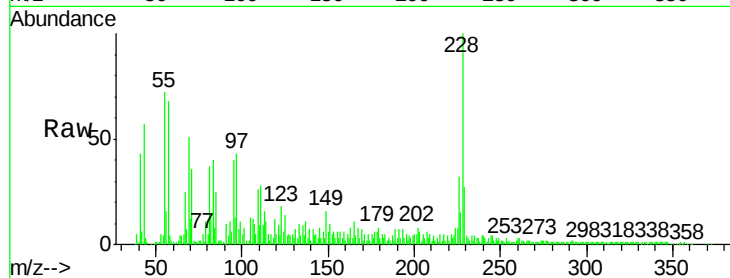
Tgt Ion:228 Resp: 97883

Ion Ratio Lower Upper

228 100

226 31.5 25.4 38.0

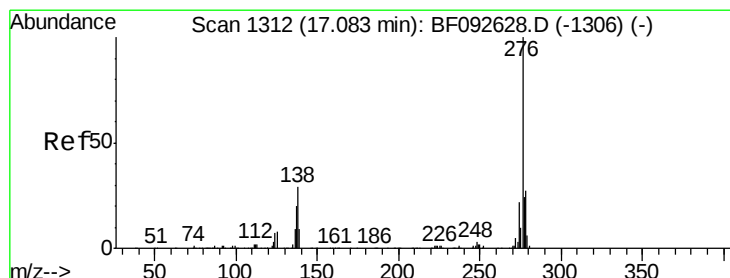
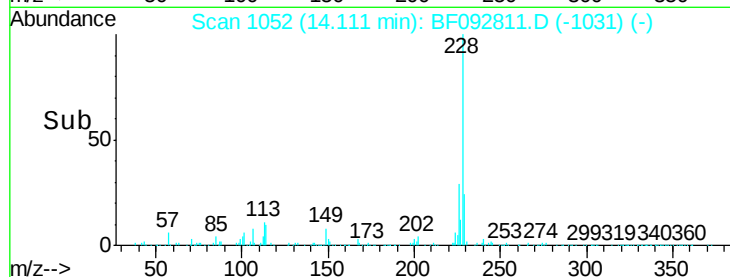
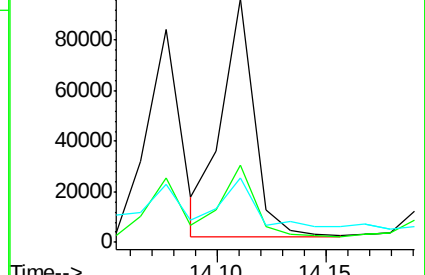
229 26.6 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.26 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.10 min

Lab File: BF092811.D

Acq: 6 Feb 2017 22:21

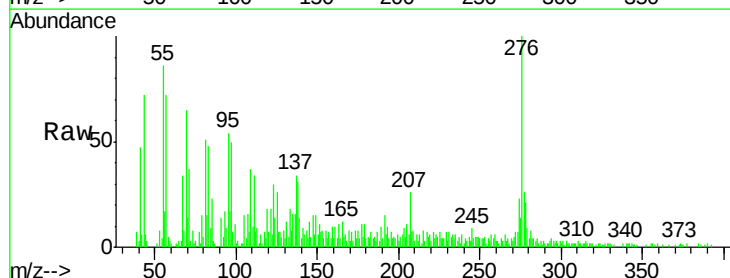
Tgt Ion:276 Resp: 46968

Ion Ratio Lower Upper

276 100

138 31.5 21.8 32.6

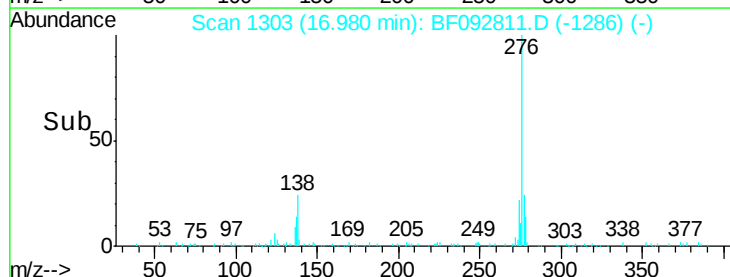
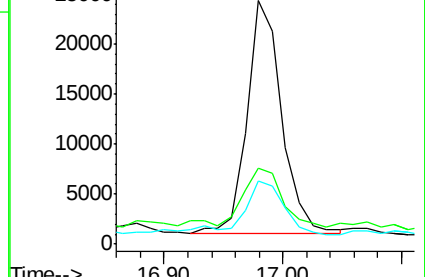
277 30.1 20.2 30.4

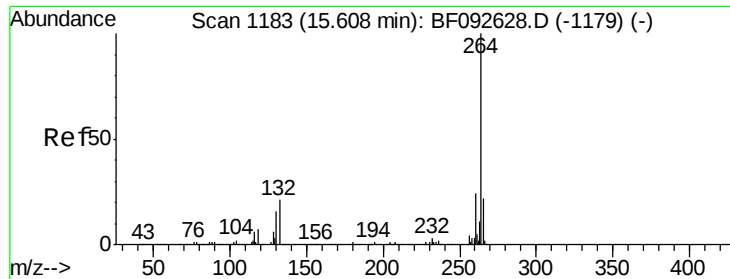


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

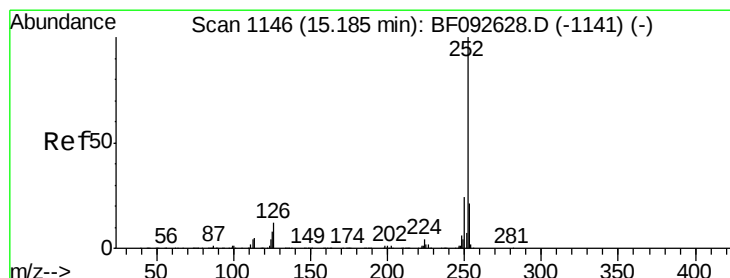
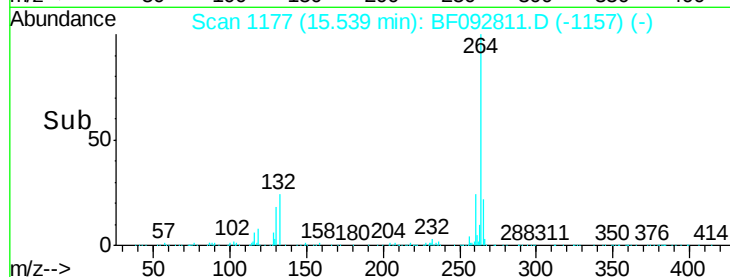
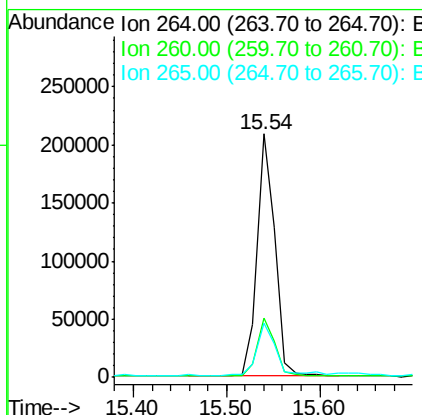
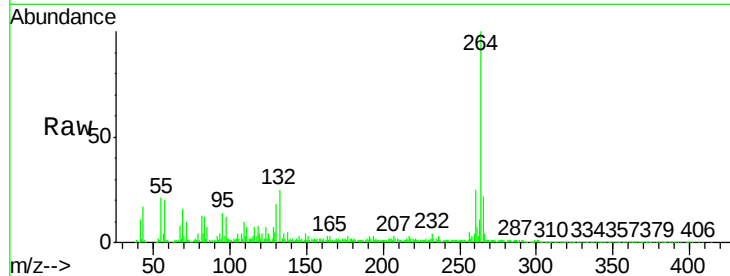




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

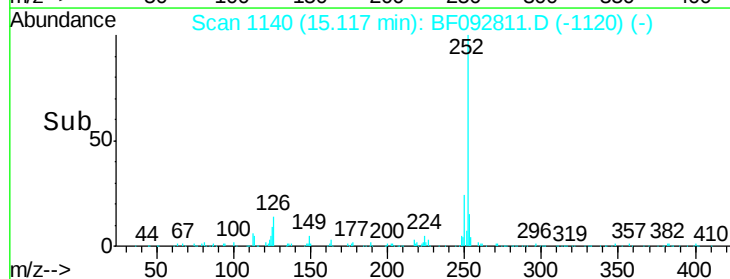
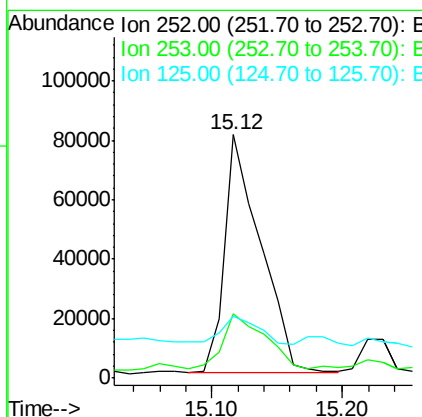
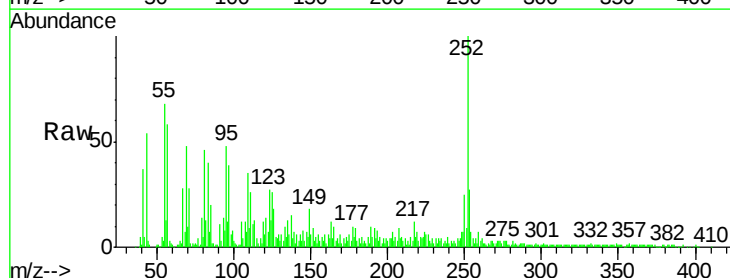
Instrument :
BNA_F
ClientSampleId :
B2-11

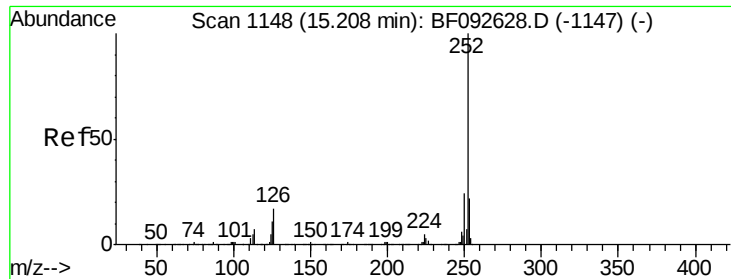
Tgt Ion:264 Resp: 276906
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 22.4 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 8.51 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.07 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion:252 Resp: 155020
Ion Ratio Lower Upper
252 100
253 26.5 18.2 27.4
125 25.6 9.8 14.6#

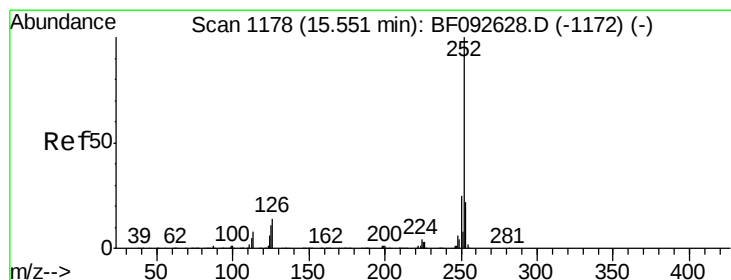
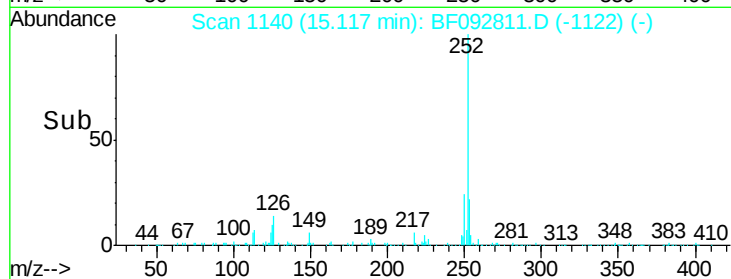
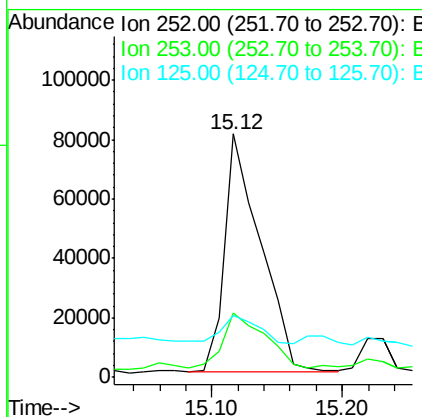
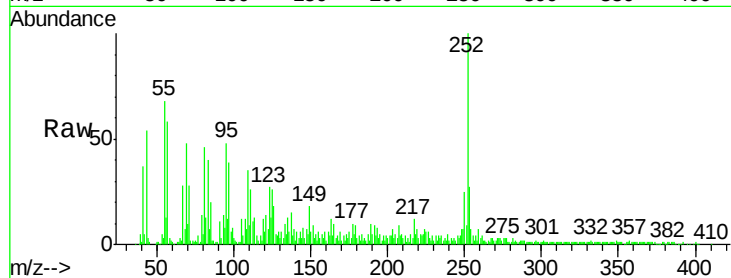




#88
Benzo(k)fluoranthene
Concen: 9.85 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.09 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

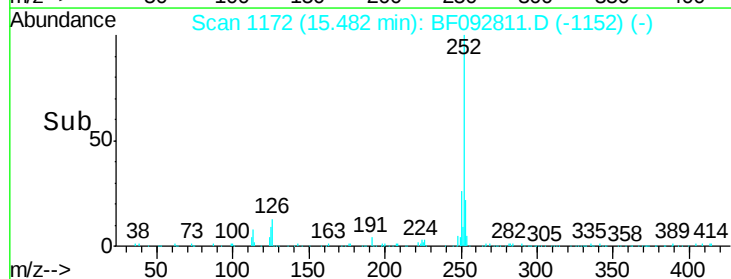
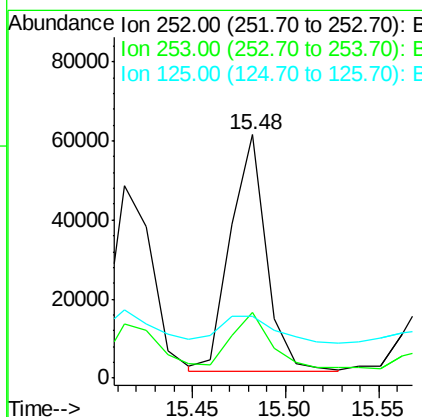
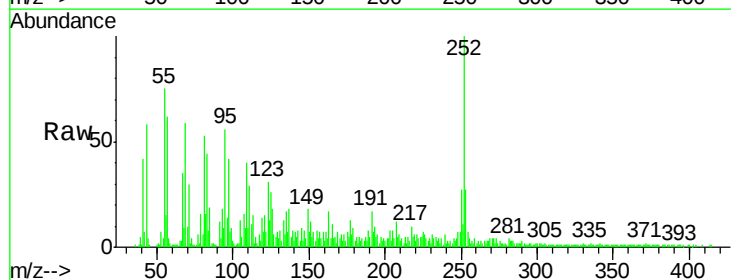
Instrument :
BNA_F
ClientSampled :
B2-11

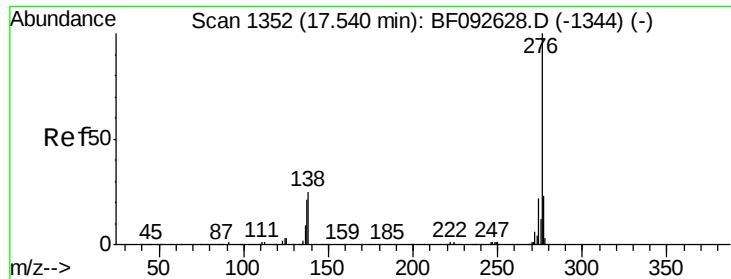
Tgt Ion: 252 Resp: 155020
Ion Ratio Lower Upper
252 100
253 26.5 18.5 27.7
125 25.6 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 5.01 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF092811.D
Acq: 6 Feb 2017 22:21

Tgt Ion: 252 Resp: 78988
Ion Ratio Lower Upper
252 100
253 26.8 18.2 27.2
125 25.5 10.0 15.0#





#91
 Benzo(g,h,i)perylene
 Concen: 4.43 ng
 RT: 17.43 min Scan# 1342
 Delta R.T. -0.11 min
 Lab File: BF092811.D
 Acq: 6 Feb 2017 22:21

Instrument :
 BNA_F
 ClientSampleId :
 B2-11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.2	28.8
138	32.7	16.0	24.0

