

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109090.D
 Acq On : 18 Sep 2018 11:17
 Operator : JU/SJ
 Sample : J4919-02DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILLDL

Quant Time: Sep 18 18:27:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

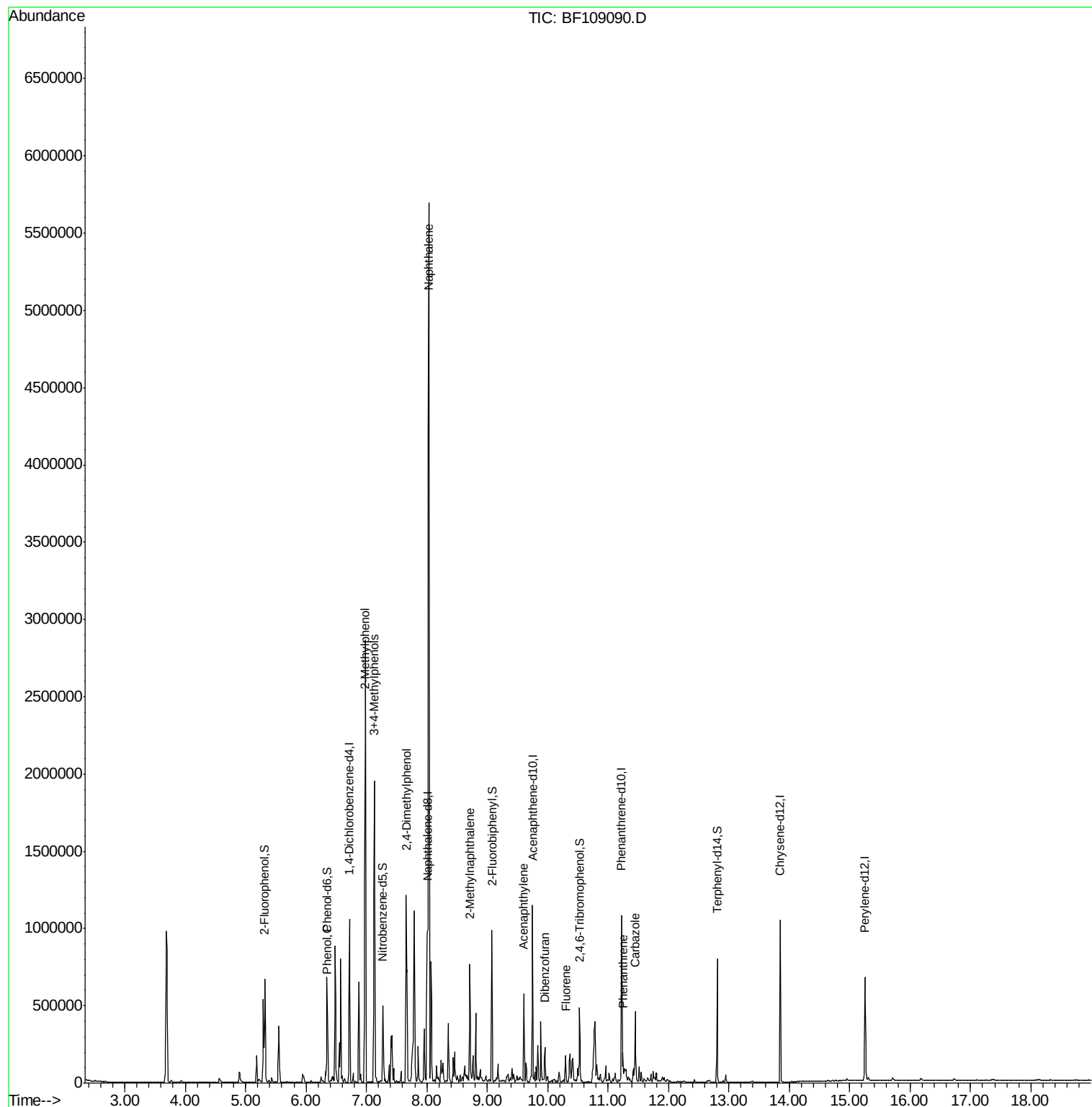
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138429	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	509361	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	214880	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	382486	20.00	ng	0.00
75) Chrysene-d12	13.85	240	358343	20.00	ng	-0.01
86) Perylene-d12	15.25	264	294353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	186970	22.43	ng	0.00
7) Phenol-d6	6.35	99	212492	19.77	ng	-0.01
23) Nitrobenzene-d5	7.27	82	156014	17.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	49023	21.02	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	278972	20.34	ng	0.00
78) Terphenyl-d14	12.81	244	263787	17.45	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.36	94	101043	8.356	ng	99
17) 2-Methylphenol	6.97	107	113608	14.929	ng	97
20) 3+4-Methylphenols	7.13	107	452292	49.351	ng	89
27) 2,4-Dimethylphenol	7.66	122	287479	41.918	ng	98
31) Naphthalene	8.03	128	2916941	123.383	ng	97
37) 2-Methylnaphthalene	8.71	142	170244	11.047	ng	99
48) Acenaphthylene	9.61	152	214282	10.323	ng	98
54) Dibenzofuran	9.95	168	55153	2.953	ng	97
57) Fluorene	10.30	166	41411	3.327	ng	99
70) Phenanthrene	11.25	178	60008	3.201	ng	97
72) Carbazole	11.45	167	164951	8.767	ng	97

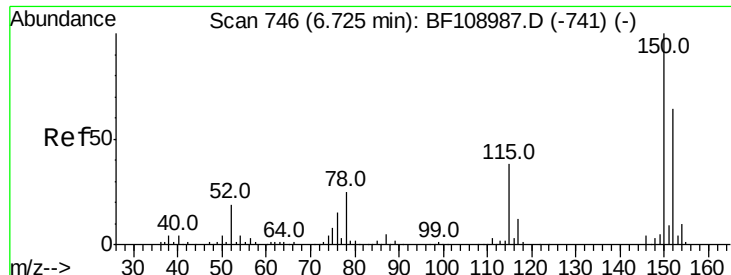
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109090.D
Acq On : 18 Sep 2018 11:17
Operator : JU/SJ
Sample : J4919-02DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILLDL

Quant Time: Sep 18 18:27:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



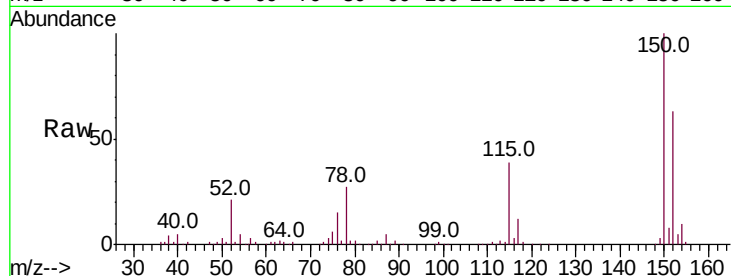


#1

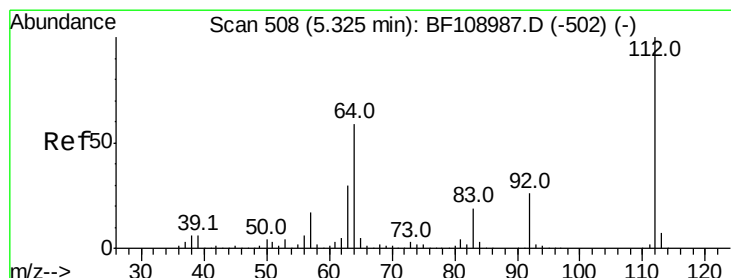
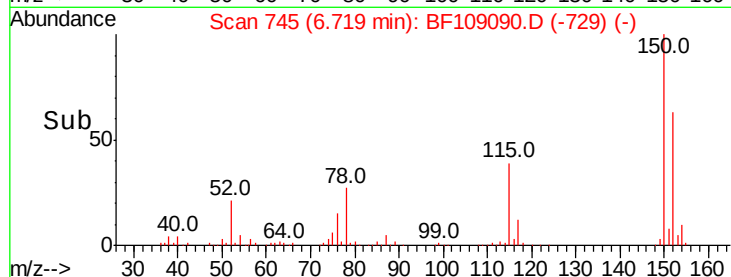
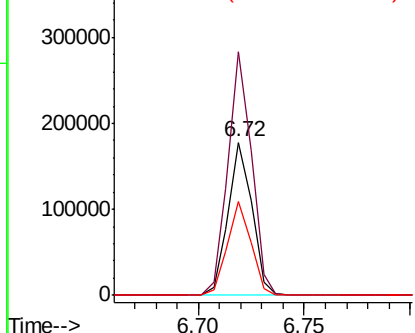
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109090.D
Acq: 18 Sep 2018 11:17

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILLDL

Tot Ion:152 Resp: 138429
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 61.4 50.1 75.1



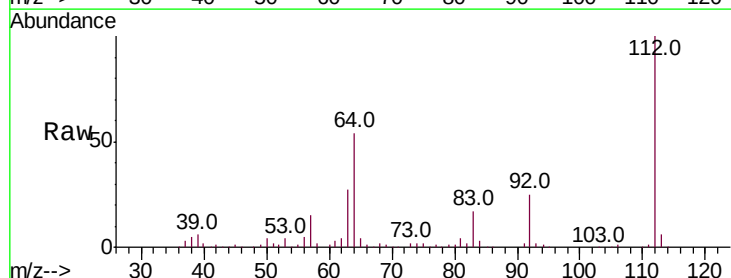
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



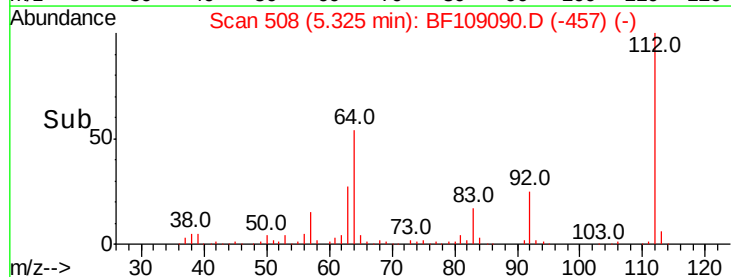
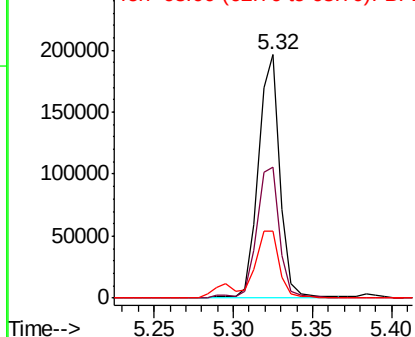
#5

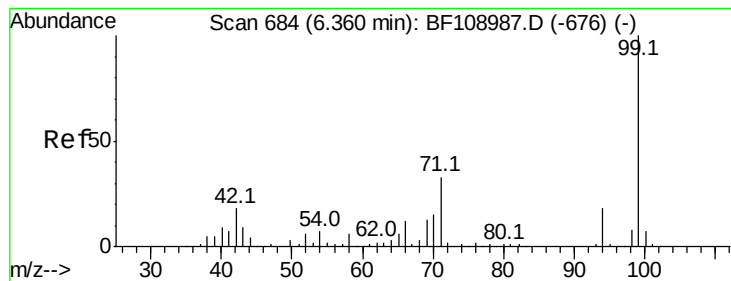
2-Fluorophenol
Concen: 22.433 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109090.D
Acq: 18 Sep 2018 11:17

Tgt Ion:112 Resp: 186970
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 27.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.772 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILDL

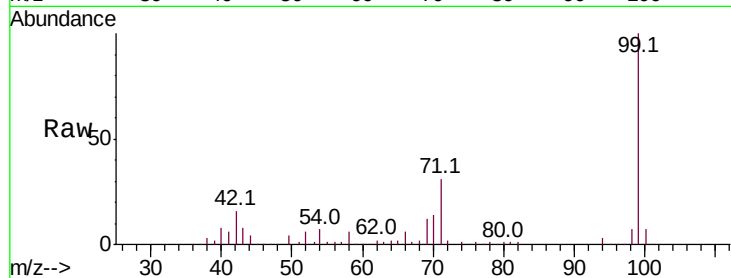
Tot Ion: 99 Resp: 212492

Ion Ratio Lower Upper

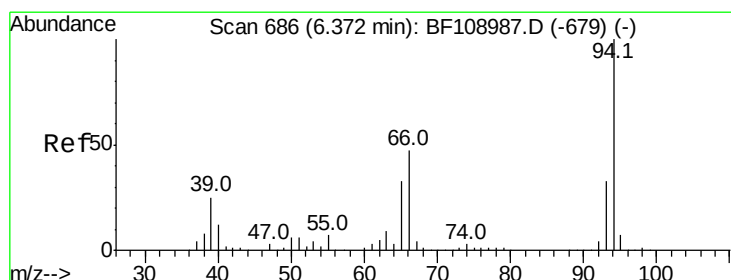
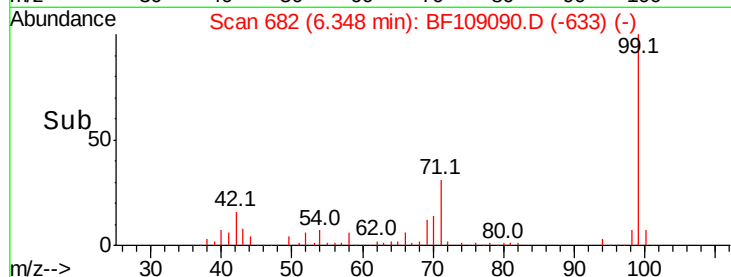
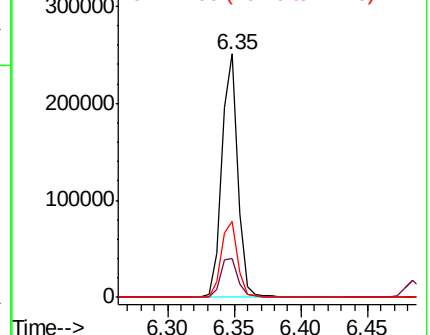
99 100

42 16.2 14.5 21.7

71 31.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 8.356 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

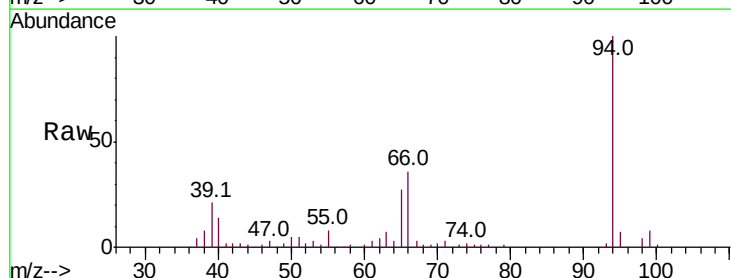
Tgt Ion: 94 Resp: 101043

Ion Ratio Lower Upper

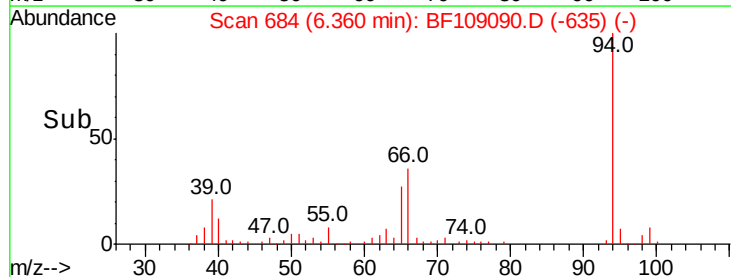
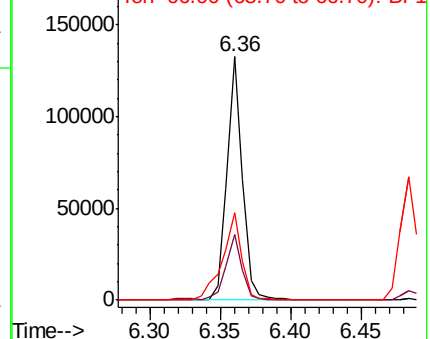
94 100

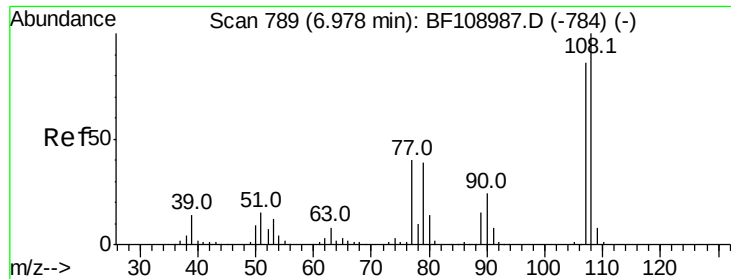
65 26.7 7.9 47.9

66 35.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

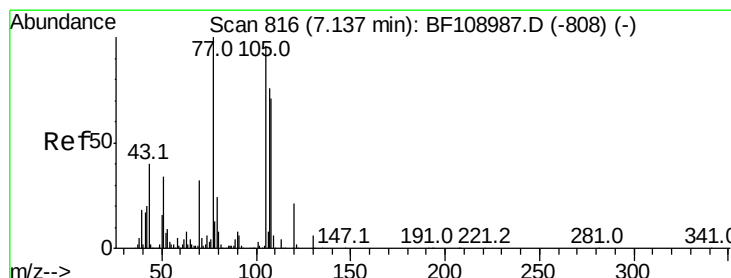
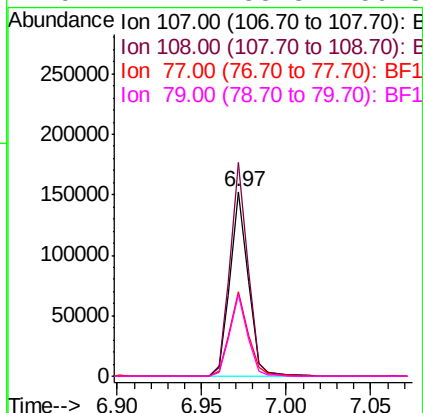
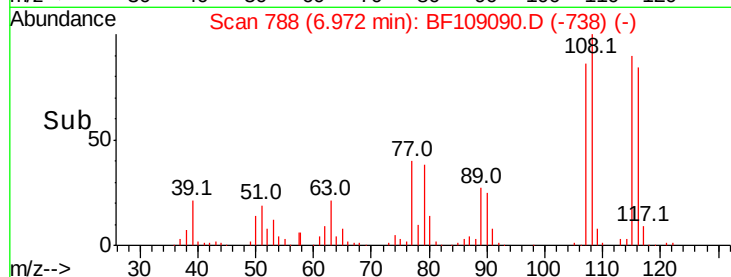
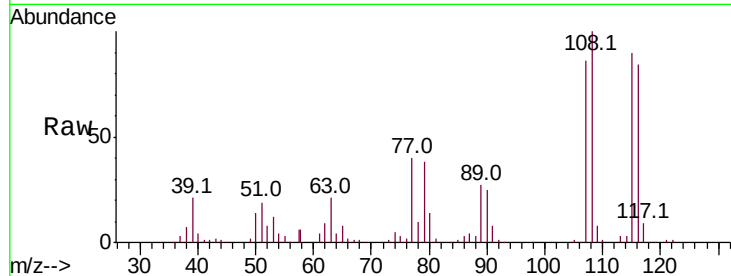




#17
2-Methylphenol
Concen: 14.929 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF109090.D
Acq: 18 Sep 2018 11:17

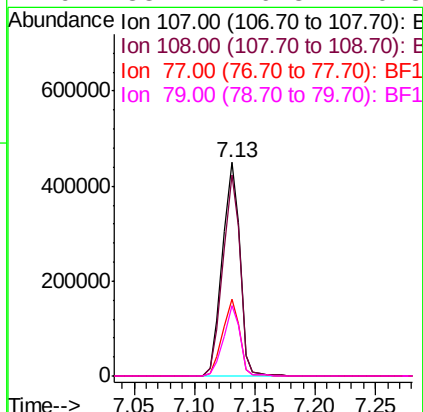
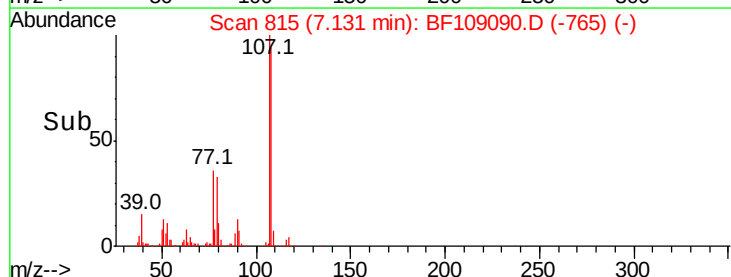
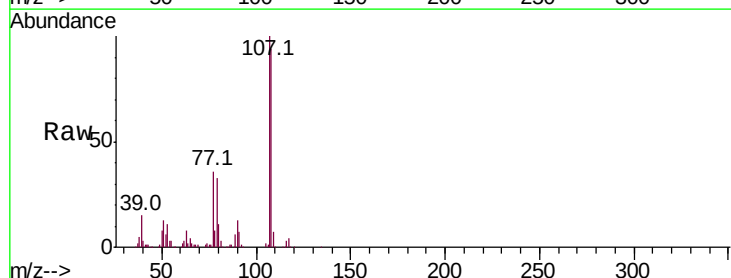
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILLDL

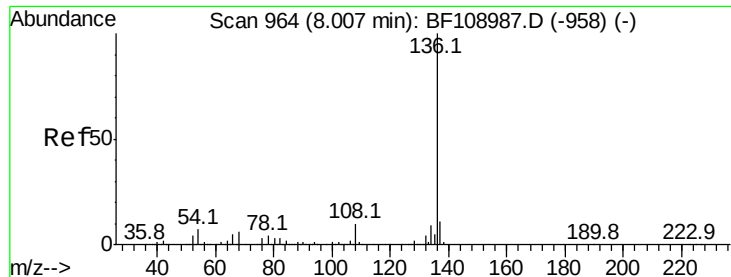
Tot Ion:107 Resp: 113608
Ion Ratio Lower Upper
107 100
108 115.7 91.7 137.5
77 46.0 33.8 50.8
79 44.4 33.8 50.8



#20
3+4-Methylphenols
Concen: 49.351 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109090.D
Acq: 18 Sep 2018 11:17

Tgt Ion:107 Resp: 452292
Ion Ratio Lower Upper
107 100
108 94.3 68.2 108.2
77 35.7 26.7 66.7
79 33.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILDL

Tot Ion:136 Resp: 509361

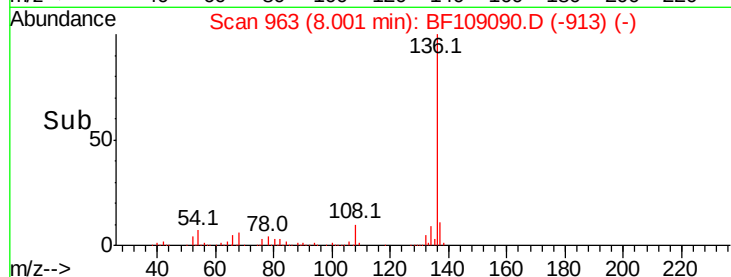
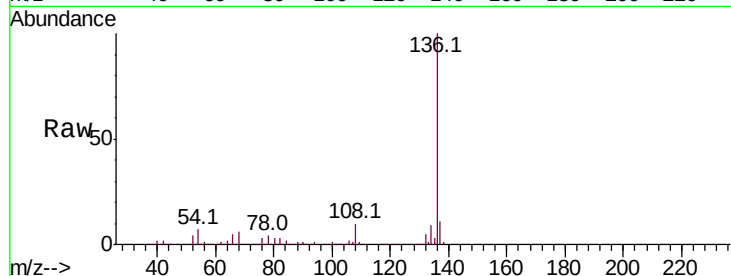
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 6.1 5.0 7.4

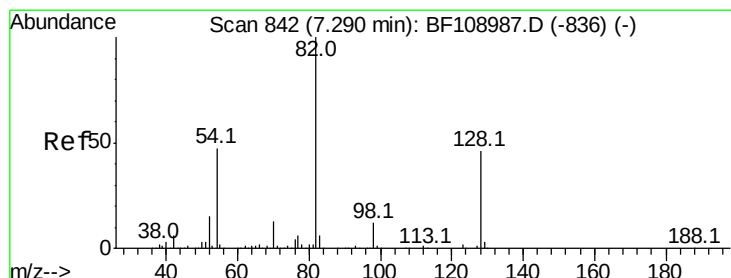
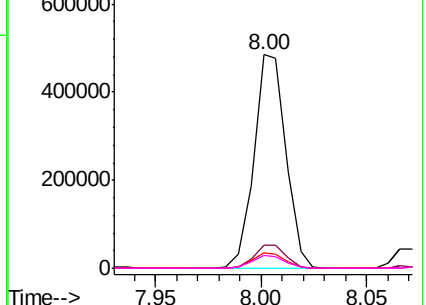


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 17.179 ng

RT: 7.27 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

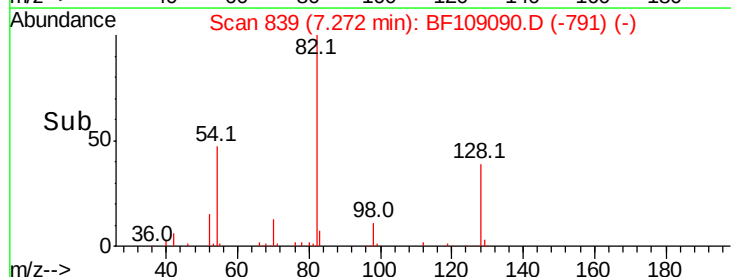
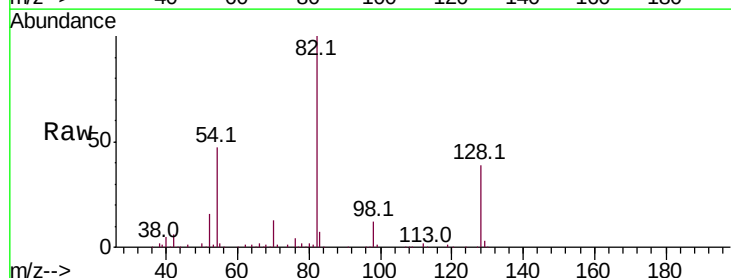
Tgt Ion: 82 Resp: 156014

Ion Ratio Lower Upper

82 100

128 39.2 36.1 54.1

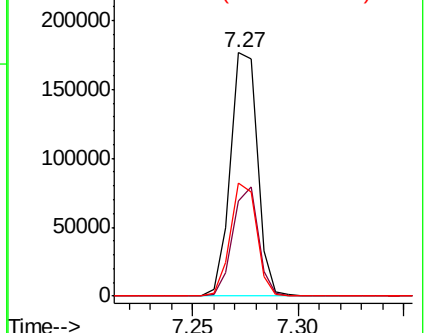
54 46.7 41.4 62.2

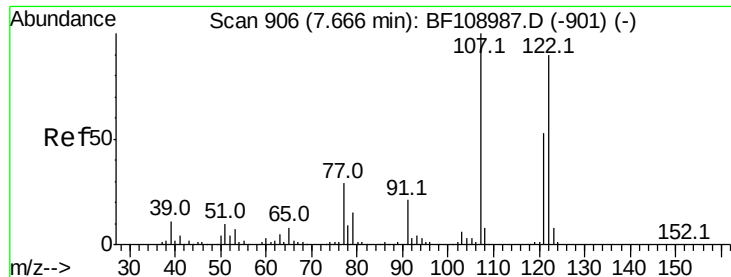


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.918 ng

RT: 7.66 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILDL

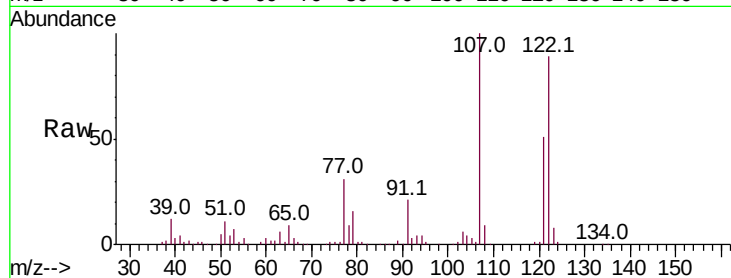
Tot Ion:122 Resp: 287479

Ion Ratio Lower Upper

122 100

107 111.9 91.2 136.8

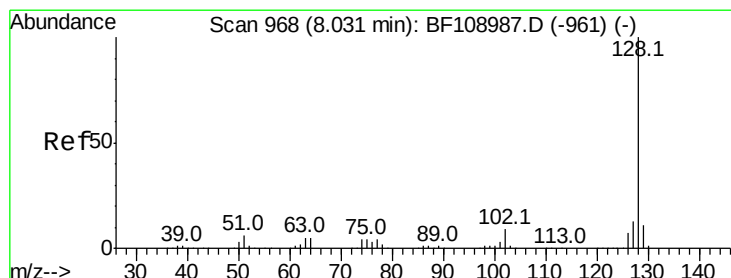
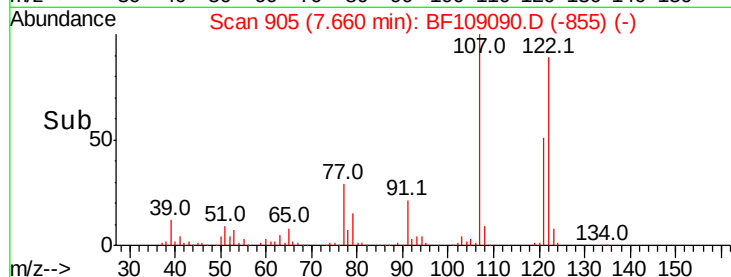
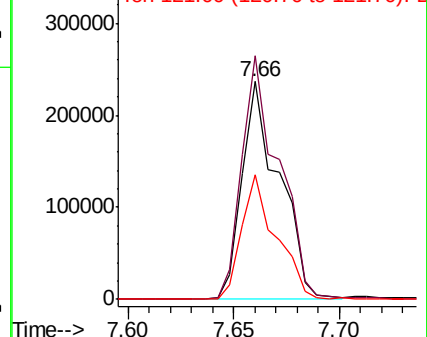
121 57.2 47.2 70.8



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



#31

Naphthalene

Concen: 123.383 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

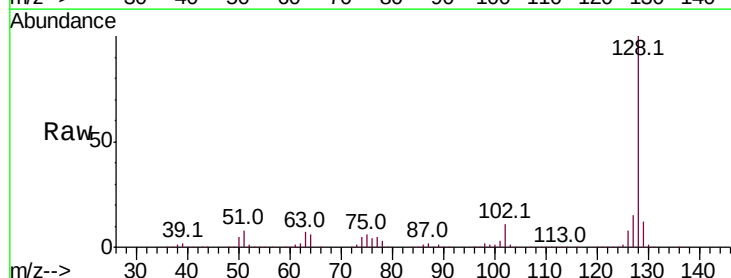
Tgt Ion:128 Resp: 2916941

Ion Ratio Lower Upper

128 100

129 12.5 8.8 13.2

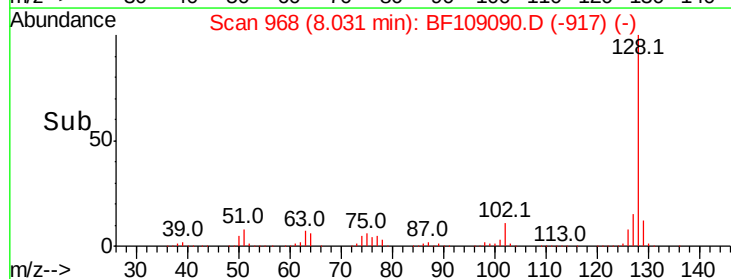
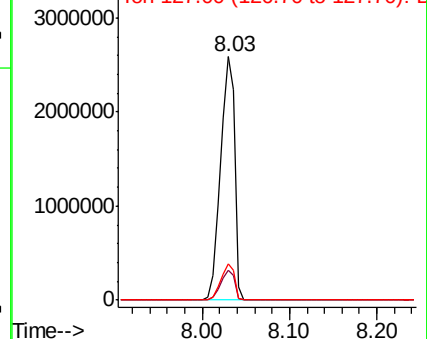
127 14.8 10.9 16.3

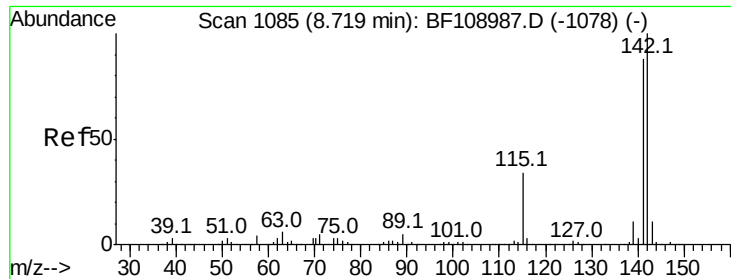


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

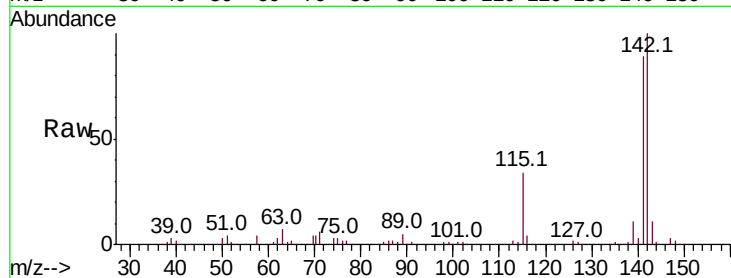




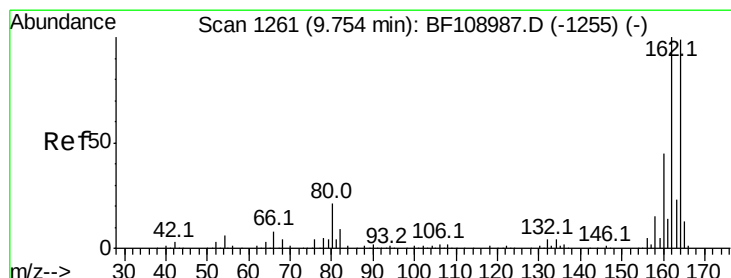
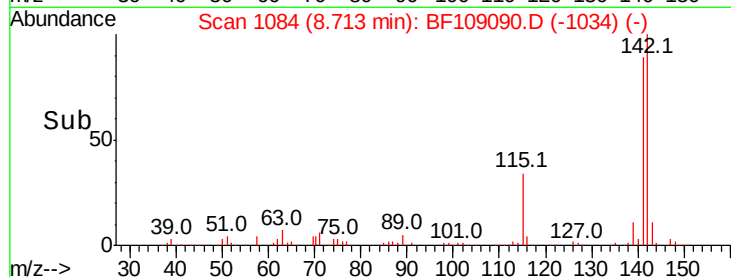
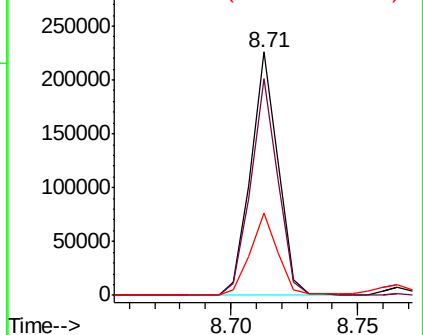
#37
 2-Methylnaphthalene
 Concen: 11.047 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF109090.D
 Acq: 18 Sep 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILLDL

Tot Ion:142 Resp: 170244
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.8 106.2
 115 33.8 26.1 39.1

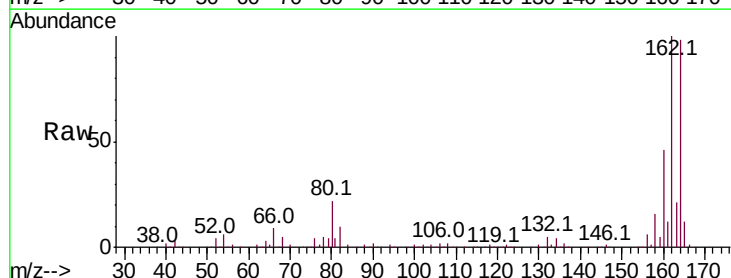


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

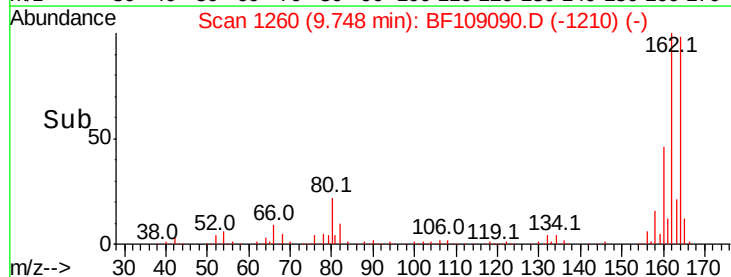
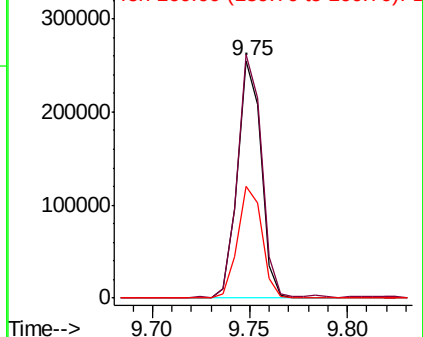


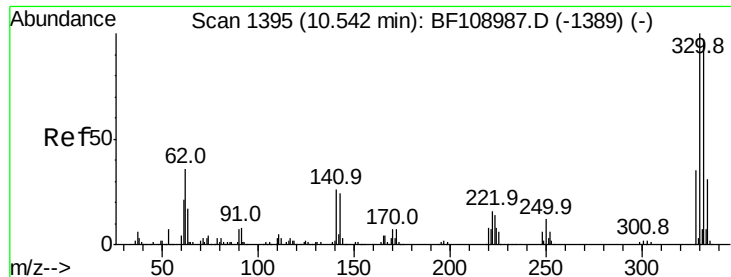
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109090.D
 Acq: 18 Sep 2018 11:17

Tgt Ion:164 Resp: 214880
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 47.2 38.3 57.5



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: 21.022 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILDL

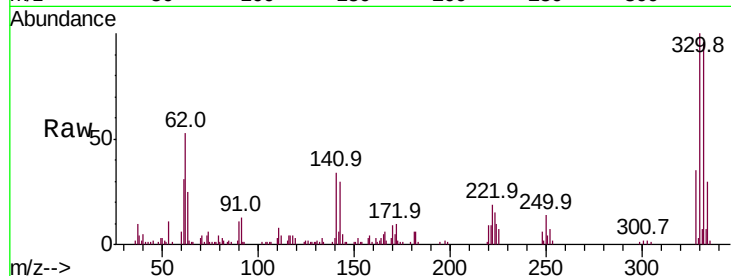
Tot Ion:330 Resp: 49023

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

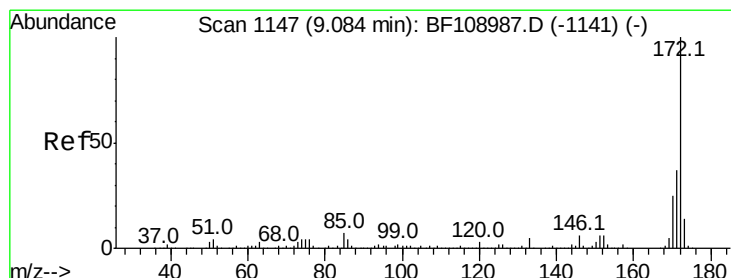
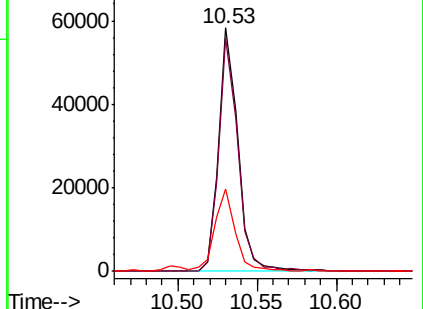
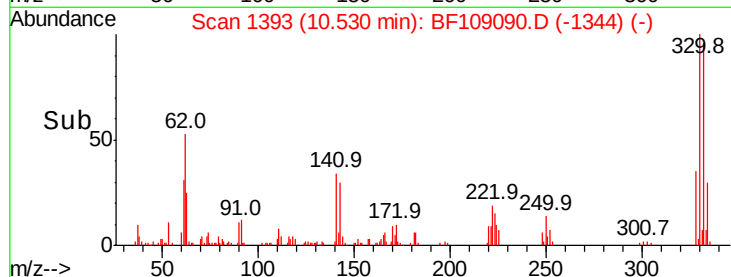
141 36.1 29.9 44.9



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: 20.340 ng

RT: 9.08 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

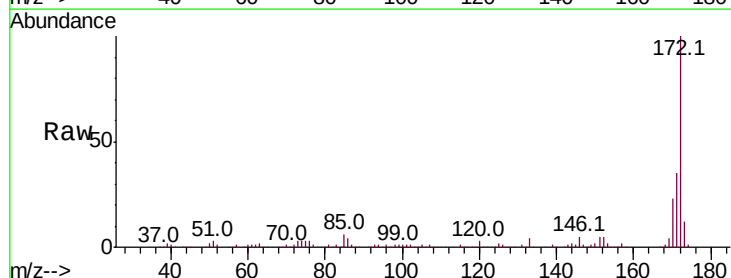
Tgt Ion:172 Resp: 278972

Ion Ratio Lower Upper

172 100

171 34.6 29.7 44.5

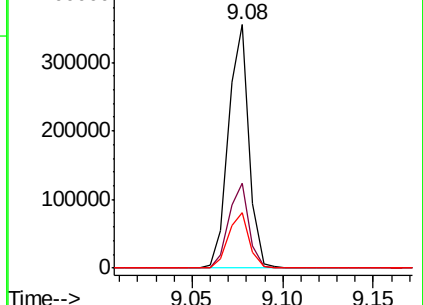
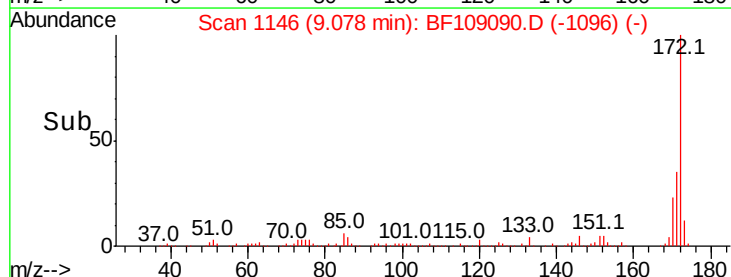
170 22.6 19.6 29.4

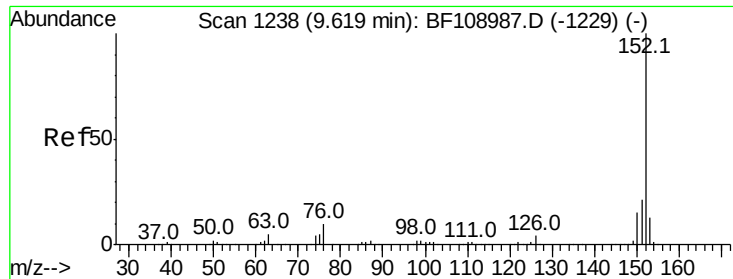


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 10.323 ng

RT: 9.61 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILLDL

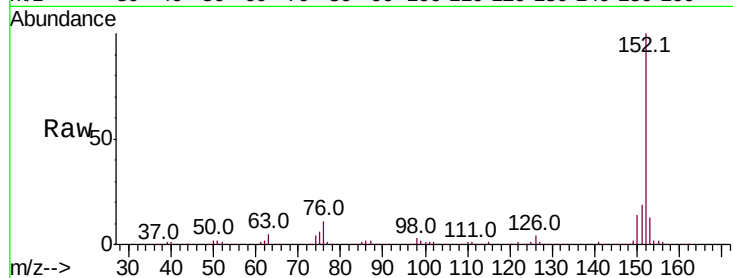
Tot Ion:152 Resp: 214282

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

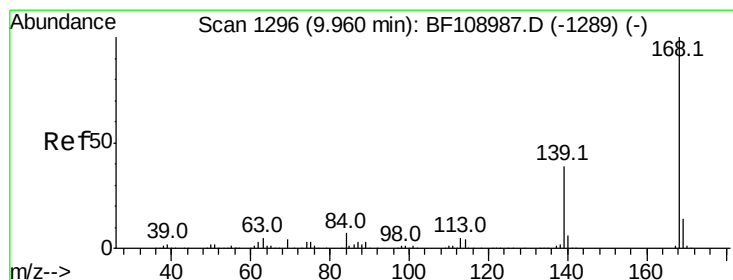
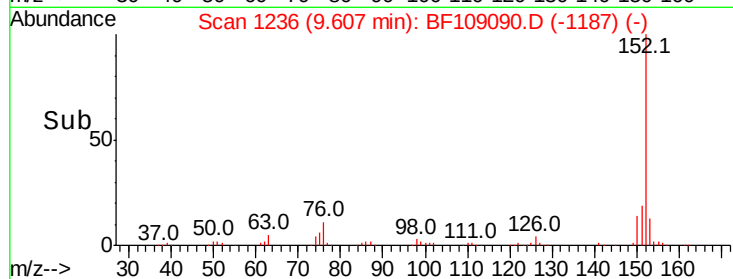
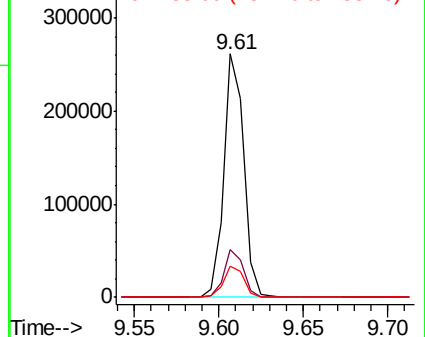
153 12.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#54

Dibenzofuran

Concen: 2.953 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

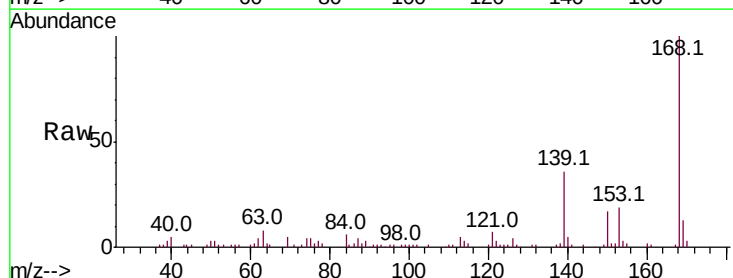
Tgt Ion:168 Resp: 55153

Ion Ratio Lower Upper

168 100

139 35.8 30.1 45.1

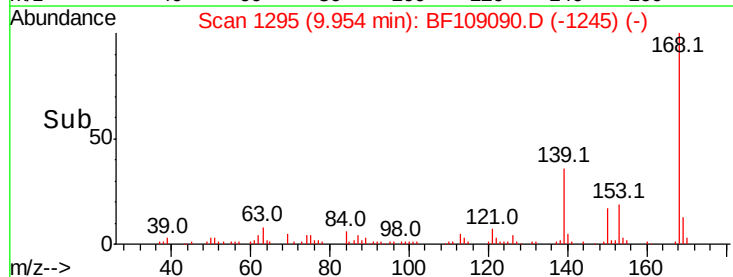
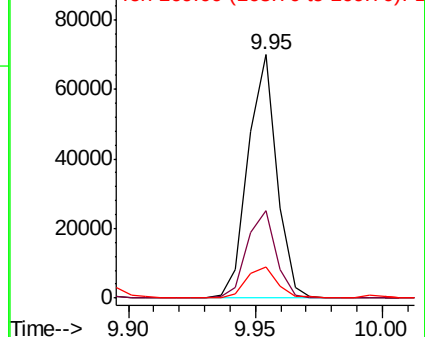
169 12.9 10.9 16.3

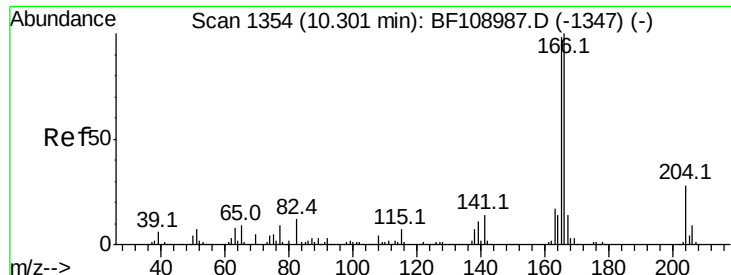


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

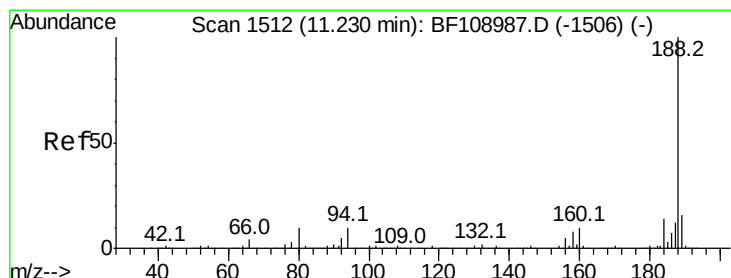
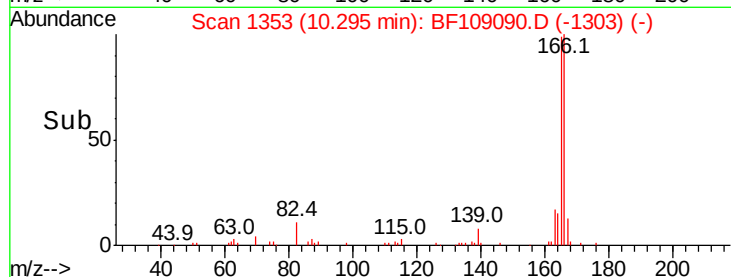
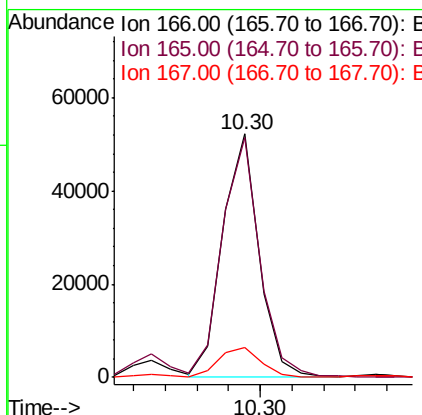
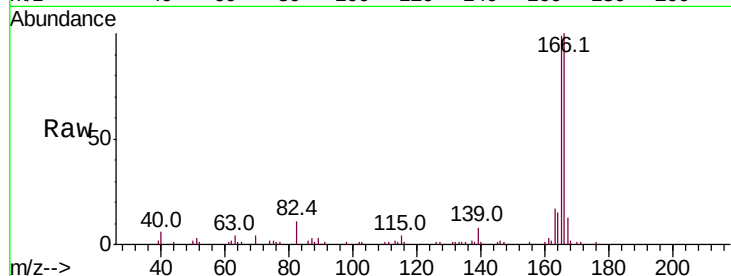




#57
 Fluorene
 Concen: 3.327 ng
 RT: 10.30 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF109090.D
 Acq: 18 Sep 2018 11:17

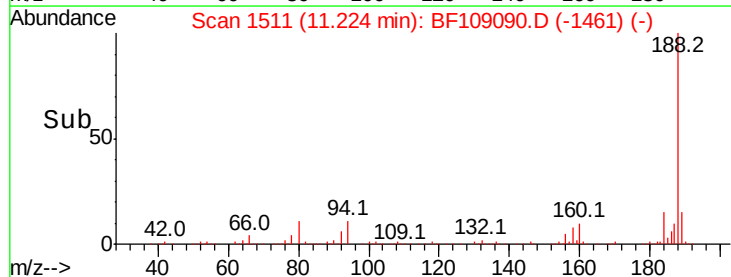
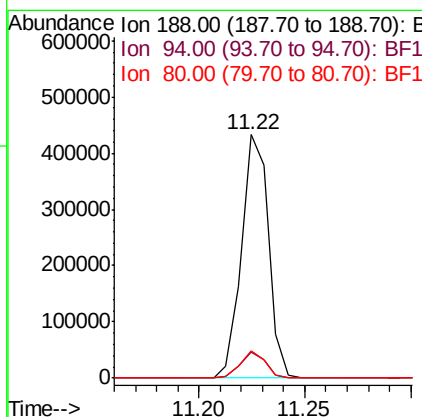
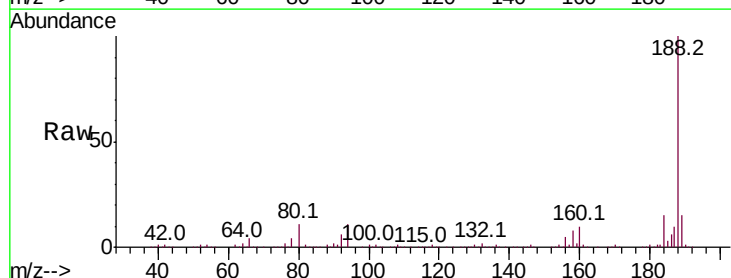
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILDL

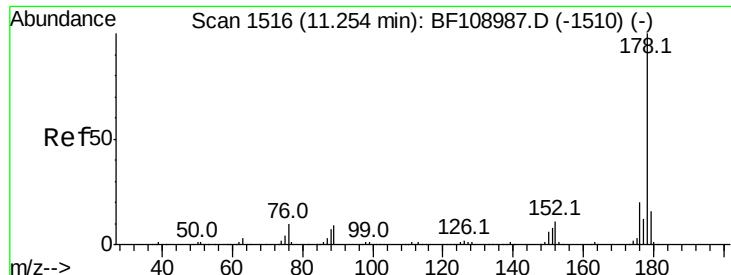
Tot Ion:166 Resp: 41411
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 12.5 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109090.D
 Acq: 18 Sep 2018 11:17

Tgt Ion:188 Resp: 382486
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.1 9.2 13.8

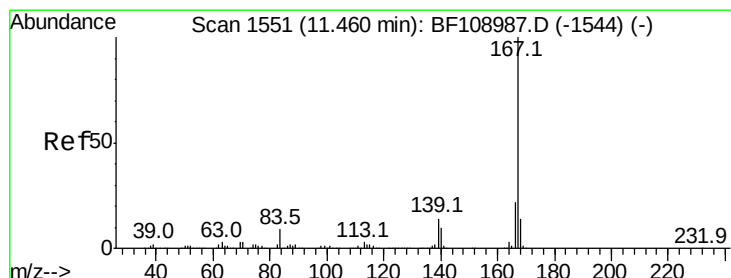
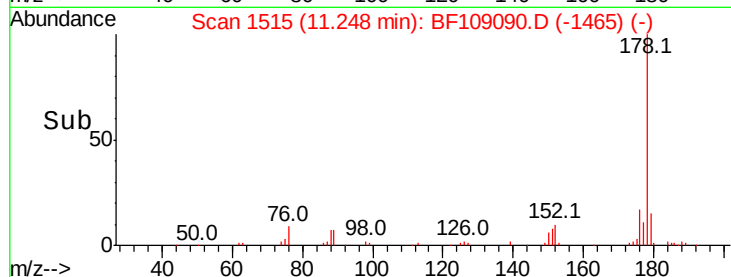
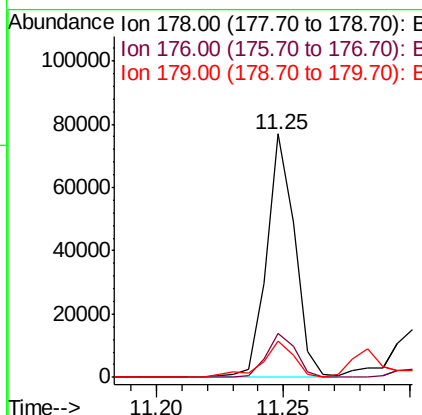
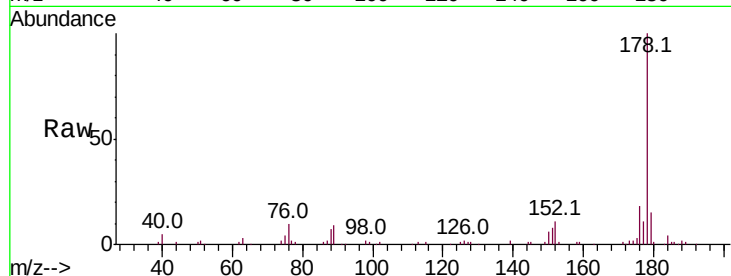




#70
Phenanthrene
Concen: 3.201 ng
RT: 11.25 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF109090.D
Acq: 18 Sep 2018 11:17

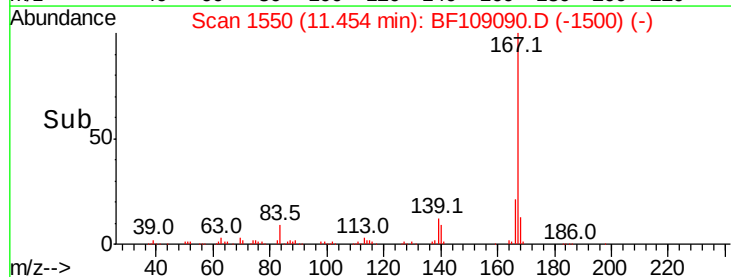
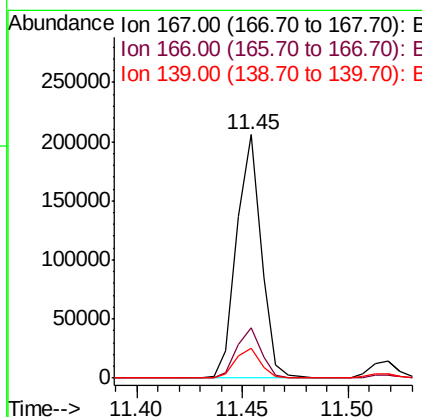
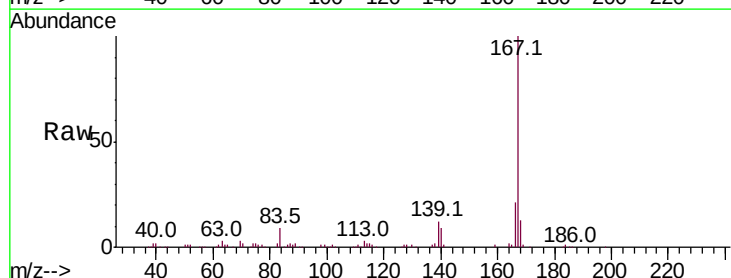
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILLDL

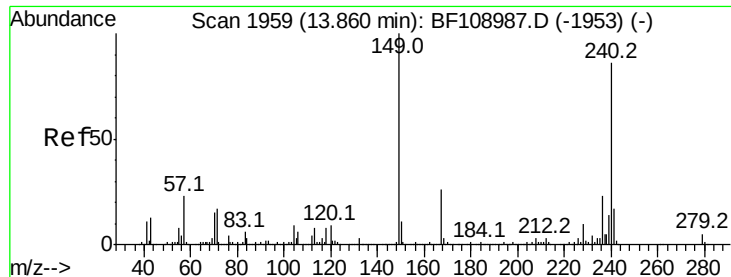
Tot Ion:178 Resp: 60008
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.8
179 14.9 13.0 19.6



#72
Carbazole
Concen: 8.767 ng
RT: 11.45 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF109090.D
Acq: 18 Sep 2018 11:17

Tgt Ion:167 Resp: 164951
Ion Ratio Lower Upper
167 100
166 20.8 17.6 26.4
139 12.1 10.9 16.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILDL

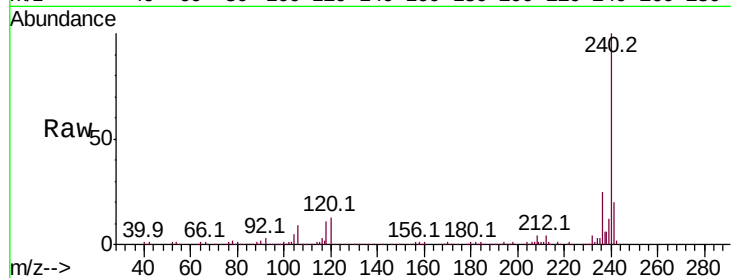
Tot Ion:240 Resp: 358343

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

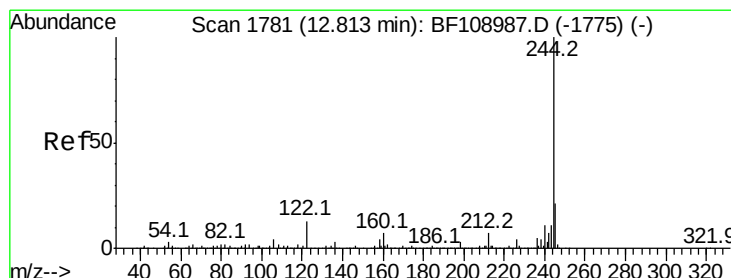
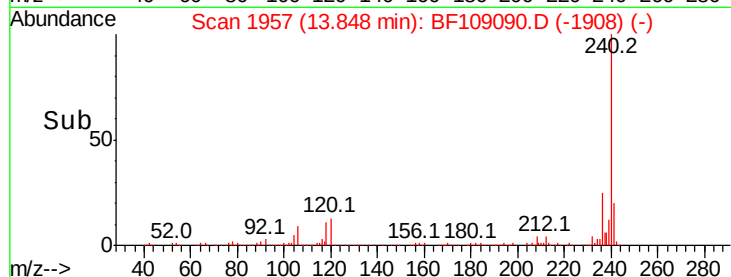
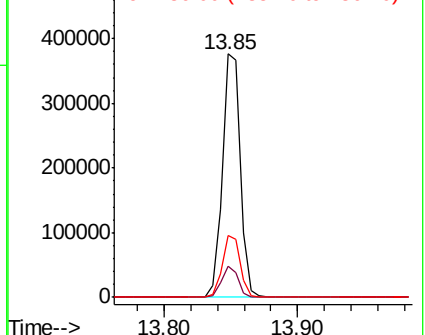
236 25.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 17.448 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109090.D

Acq: 18 Sep 2018 11:17

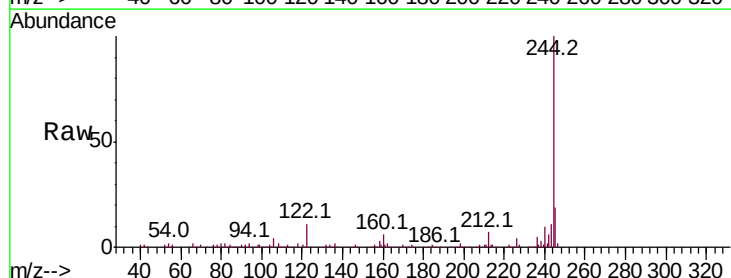
Tgt Ion:244 Resp: 263787

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

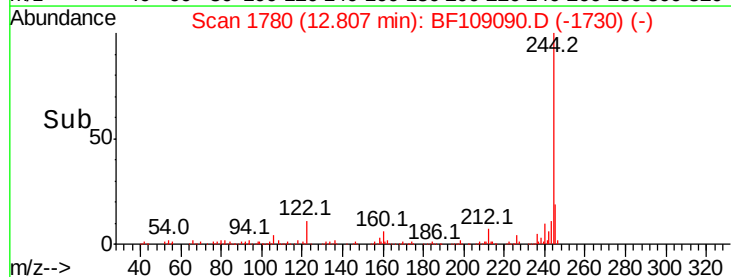
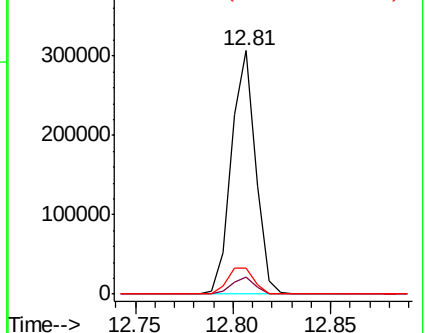
122 10.8 11.0 16.4#

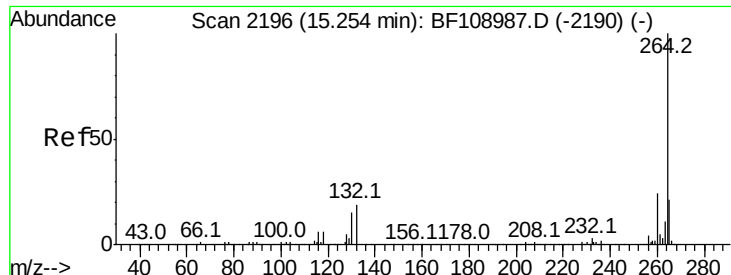


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

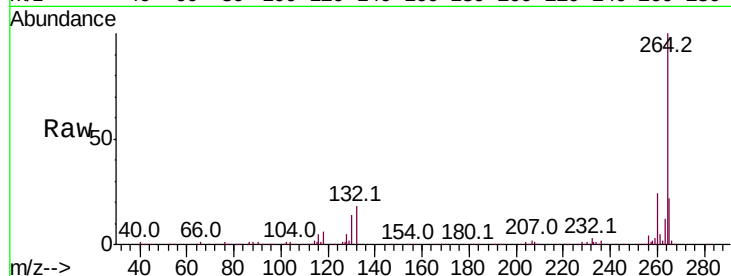




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109090.D
Acq: 18 Sep 2018 11:17

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3



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

