

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098548.D
 Acq On : 15 Sep 2017 00:43
 Operator : SJ/JU
 Sample : I5161-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-7-11-22

Quant Time: Sep 15 07:03:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

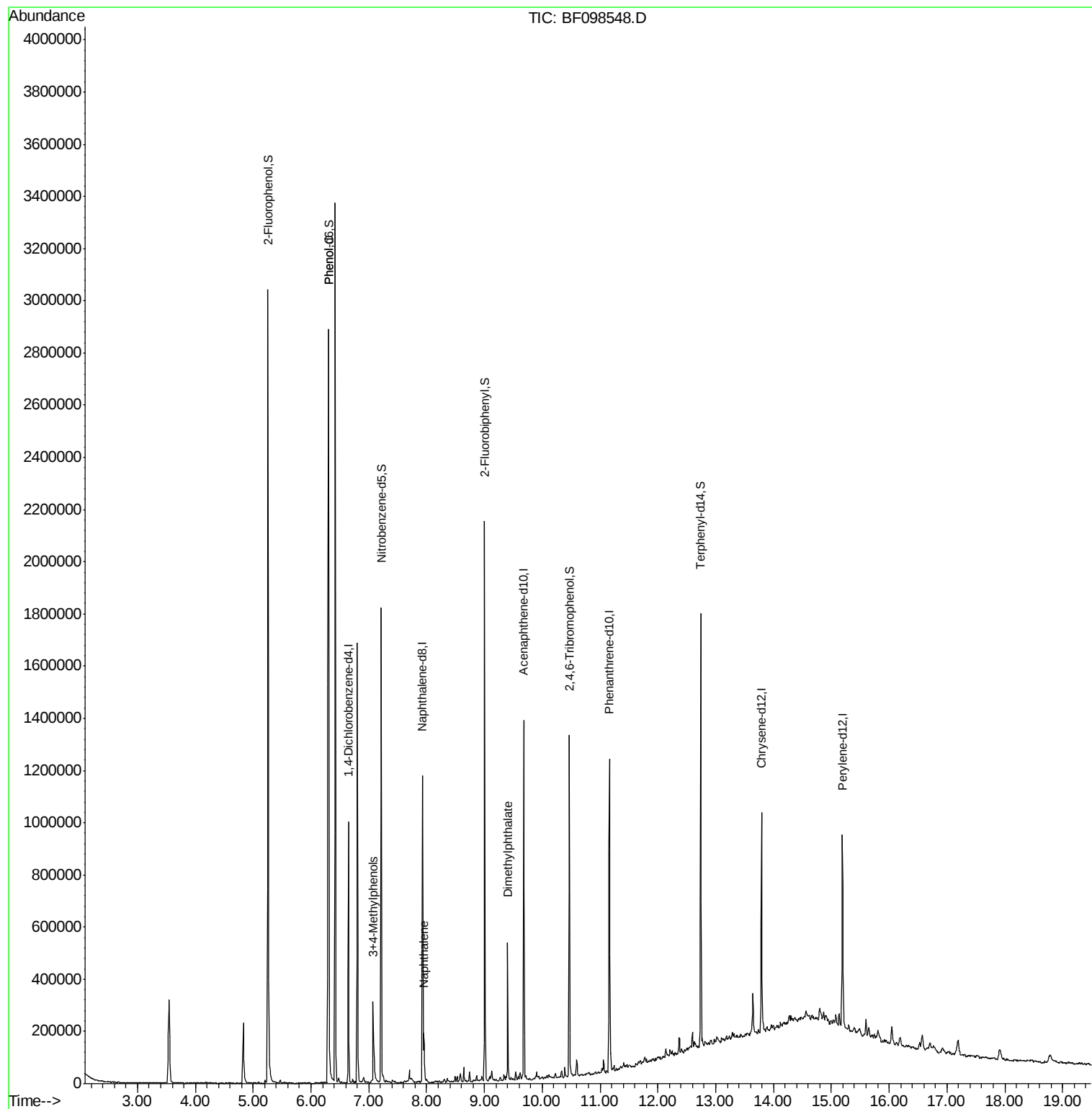
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	131180	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	549574	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	242906	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	377325	20.00	ng	-0.02
75) Chrysene-d12	13.79	240	269007	20.00	ng	-0.02
86) Perylene-d12	15.19	264	292402	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	852995	96.14	ng	-0.02
7) Phenol-d6	6.30	99	1069181	94.91	ng	-0.02
23) Nitrobenzene-d5	7.22	82	520771	52.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	123156	75.97	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	607239	42.37	ng	-0.03
78) Terphenyl-d14	12.74	244	474875	38.10	ng	-0.02
Target Compounds						
10) Phenol	6.31	94	34330	2.624	ng	# 75
20) 3+4-Methylphenols	7.07	107	115274	11.482	ng	# 57
31) Naphthalene	7.95	128	64474	2.373	ng	99
49) Dimethylphthalate	9.40	163	176621	9.393	ng	98

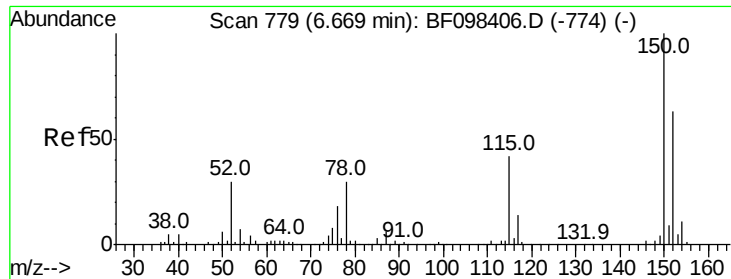
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF098548.D

Acq: 15 Sep 2017 00:43

Instrument :

BNA_F

ClientSampleId :

RL-7-11-22

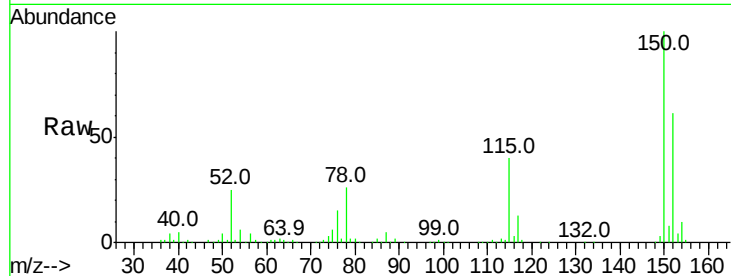
Tot Ion:152 Resp: 131180

Ion Ratio Lower Upper

152 100

150 163.7 126.2 189.2

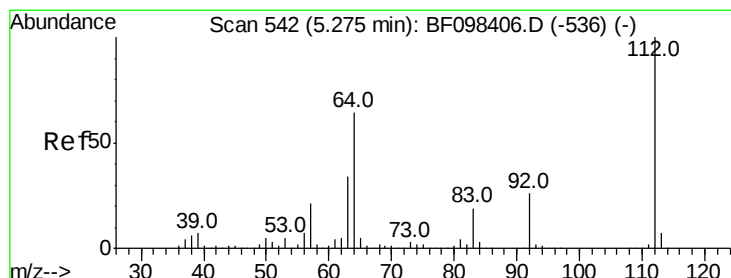
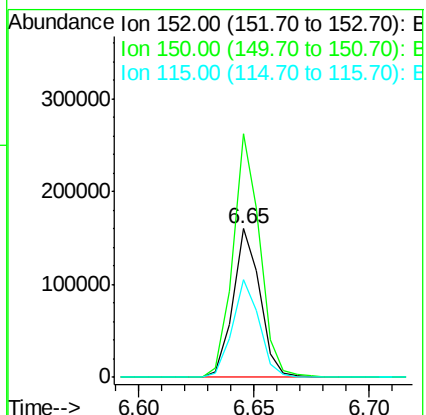
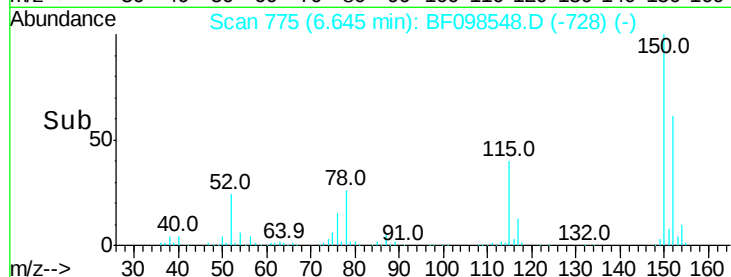
115 65.7 52.2 78.2



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: 96.141 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF098548.D

Acq: 15 Sep 2017 00:43

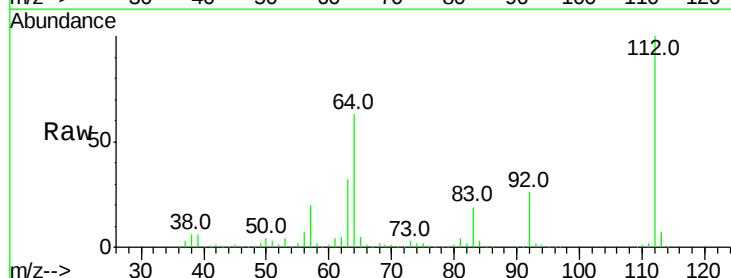
Tgt Ion:112 Resp: 852995

Ion Ratio Lower Upper

112 100

64 62.7 46.0 69.0

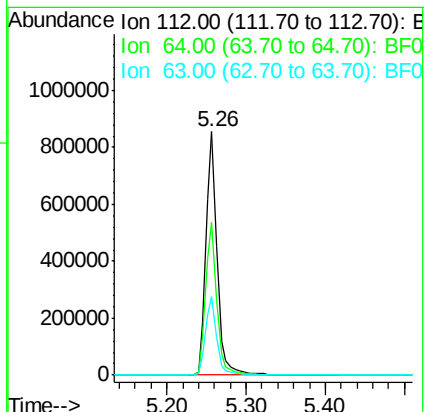
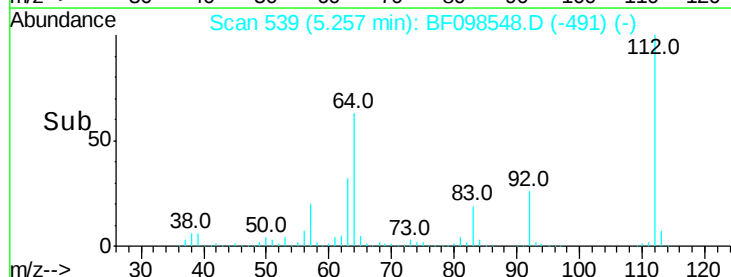
63 32.4 23.4 35.0

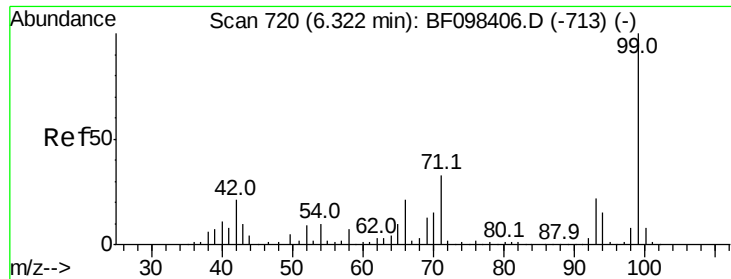


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.912 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098548.D

Acq: 15 Sep 2017 00:43

Instrument :

BNA_F

ClientSampleId :

RL-7-11-22

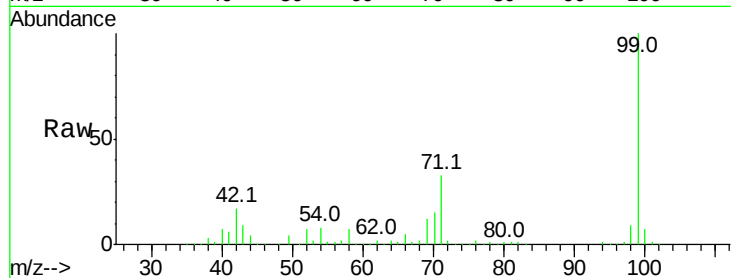
Tot Ion: 99 Resp: 1069181

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

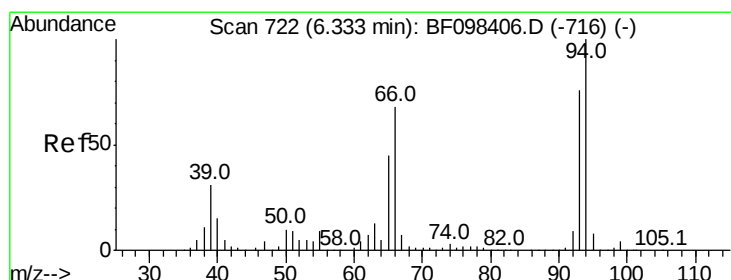
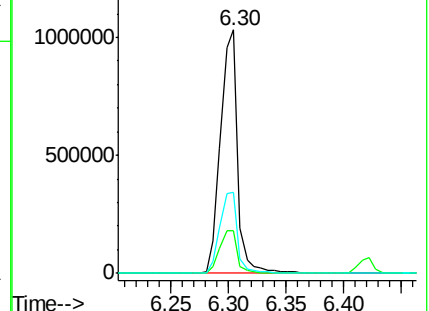
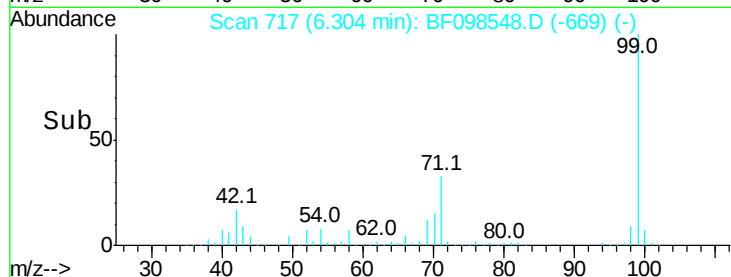
71 33.1 24.5 36.7



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: 2.624 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF098548.D

Acq: 15 Sep 2017 00:43

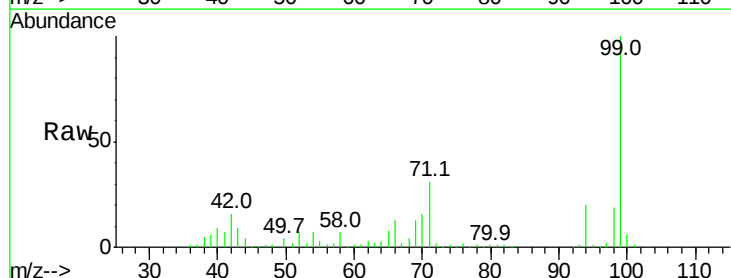
Tgt Ion: 94 Resp: 34330

Ion Ratio Lower Upper

94 100

65 37.8 9.9 49.9

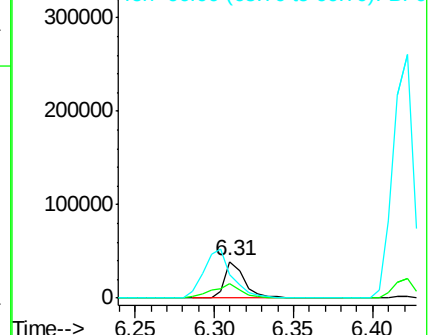
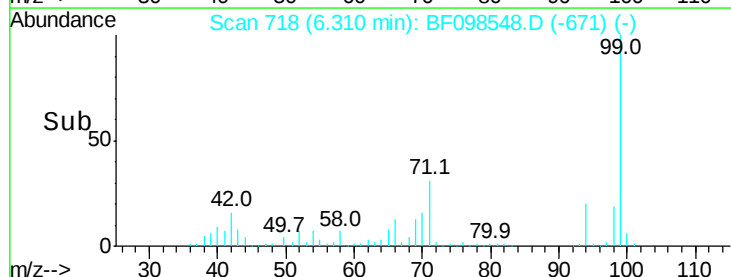
66 63.3 23.1 63.1#

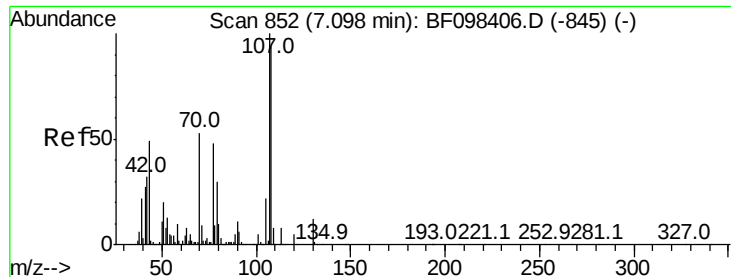


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

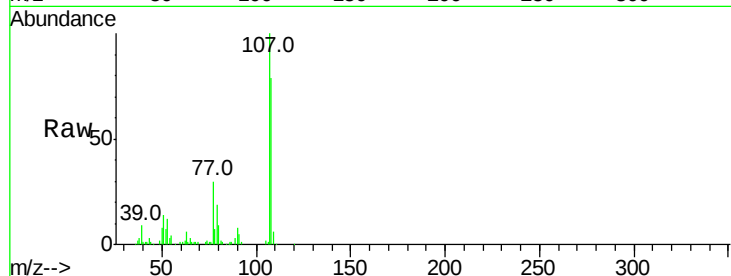




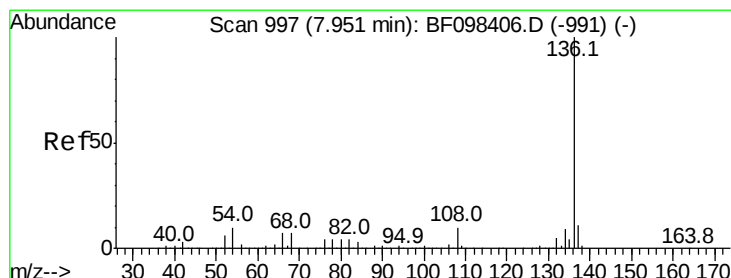
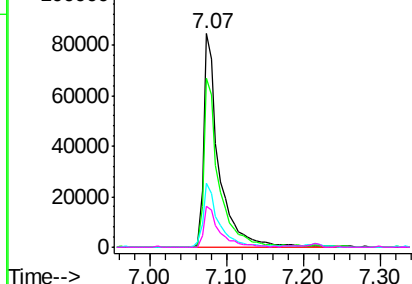
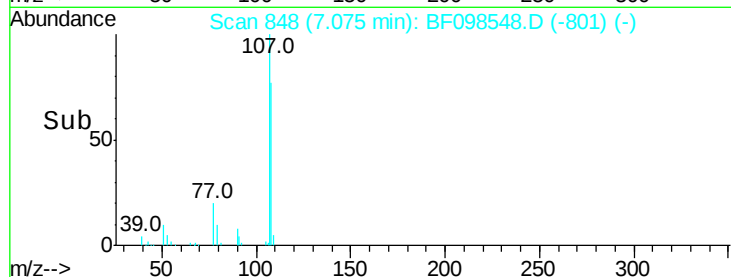
#20
3+4-Methylphenols
Concen: 11.482 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF098548.D
Acq: 15 Sep 2017 00:43

Instrument :
BNA_F
ClientSampleId :
RL-7-11-22

Tot Ion:	107	Resp:	115274
Ion	Ratio	Lower	Upper
107	100		
108	79.4	71.0	111.0
77	30.1	90.5	130.5#
79	19.4	8.4	48.4

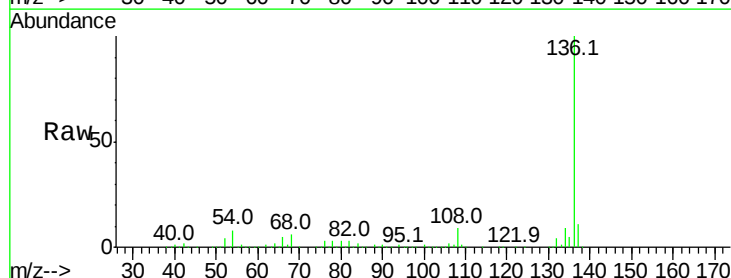


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

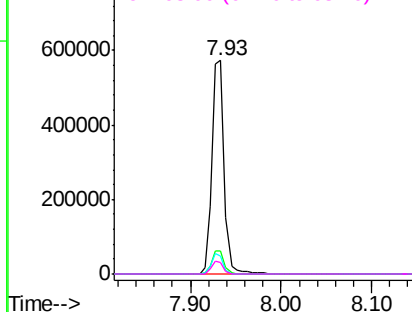
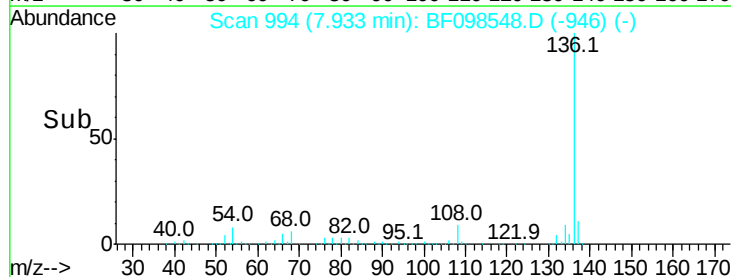


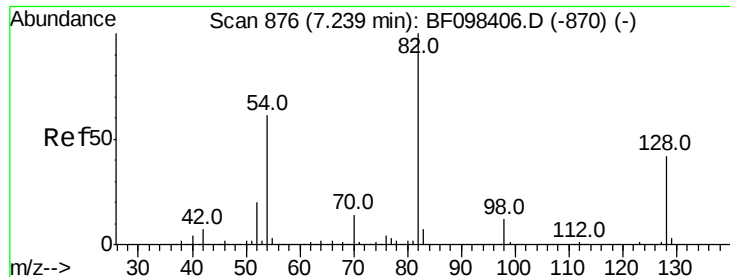
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF098548.D
Acq: 15 Sep 2017 00:43

Tgt Ion:	136	Resp:	549574
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.3	4.9	7.3#
68	5.5	4.1	6.1



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

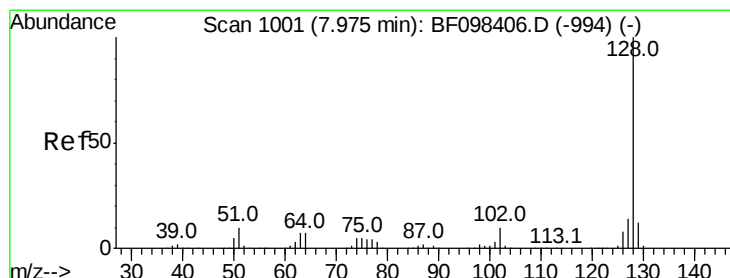
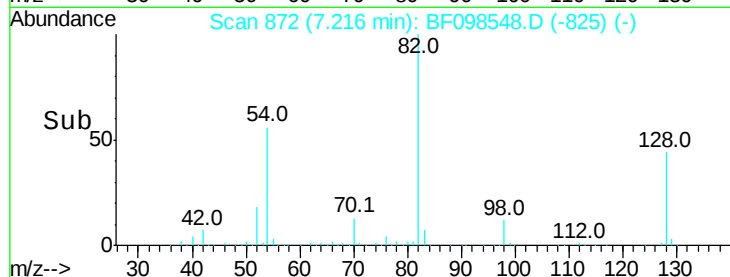
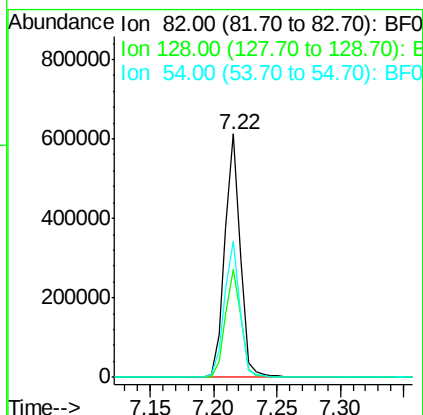
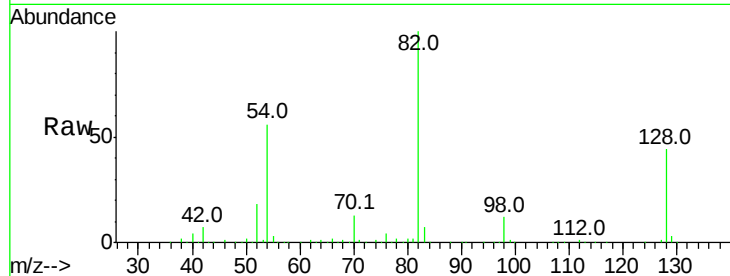




#23
Nitrobenzene-d5
Concen: 52.828 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098548.D
Acq: 15 Sep 2017 00:43

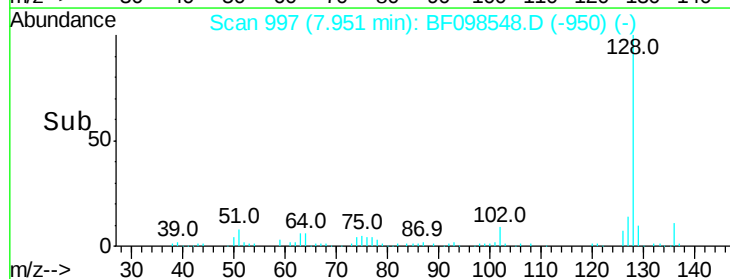
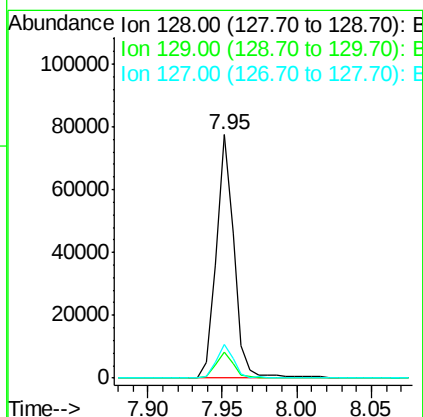
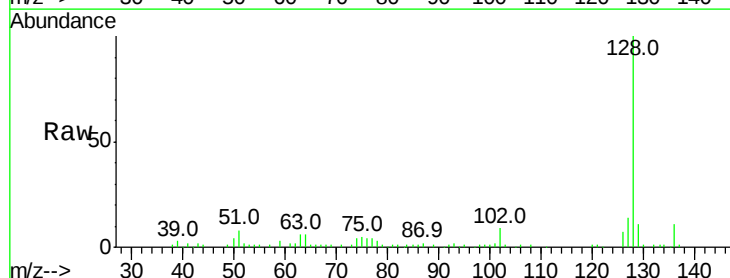
Instrument :
BNA_F
ClientSampleId :
RL-7-11-22

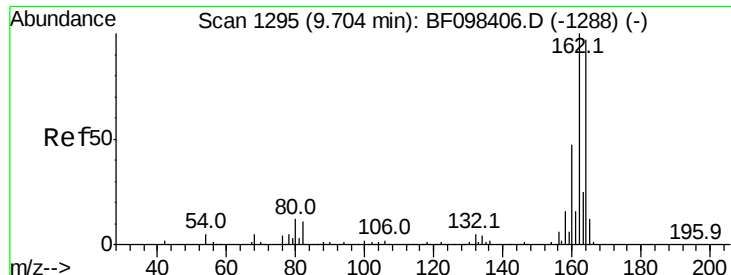
Tot Ion: 82 Resp: 520771
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 55.9 42.2 63.2



#31
Naphthalene
Concen: 2.373 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF098548.D
Acq: 15 Sep 2017 00:43

Tgt Ion: 128 Resp: 64474
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 14.0 10.8 16.2

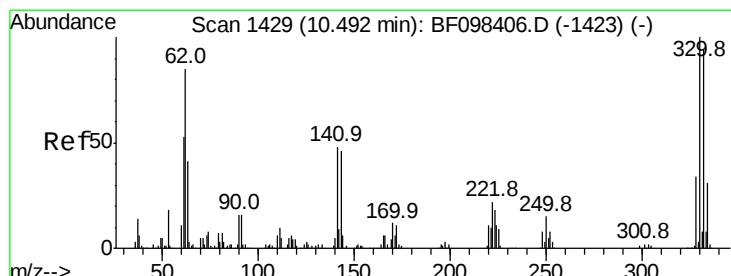
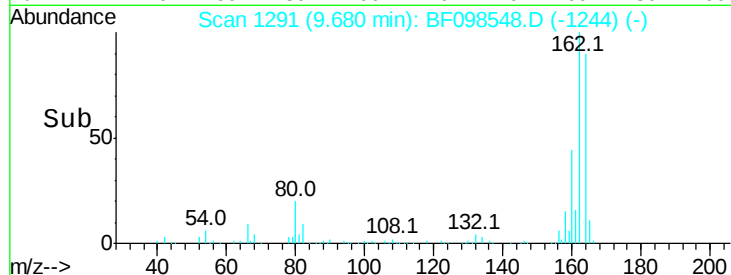
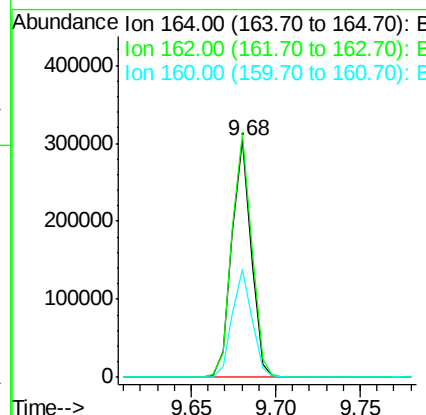
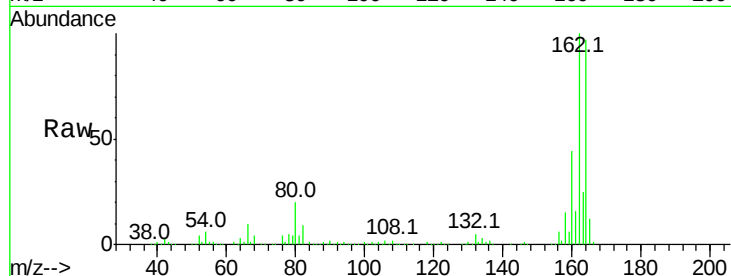




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098548.D
Acq: 15 Sep 2017 00:43

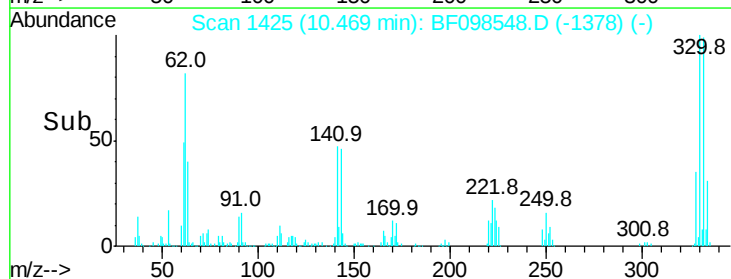
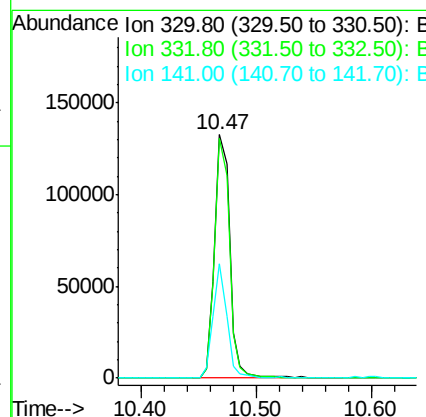
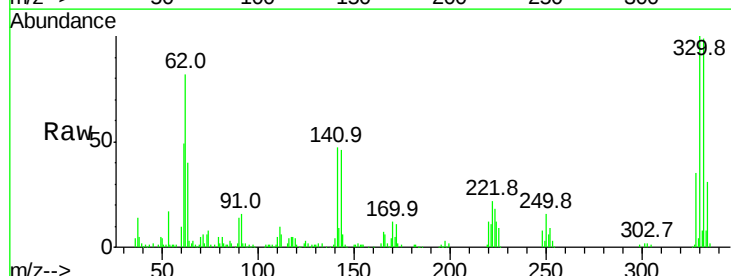
Instrument :
BNA_F
ClientSampleId :
RL-7-11-22

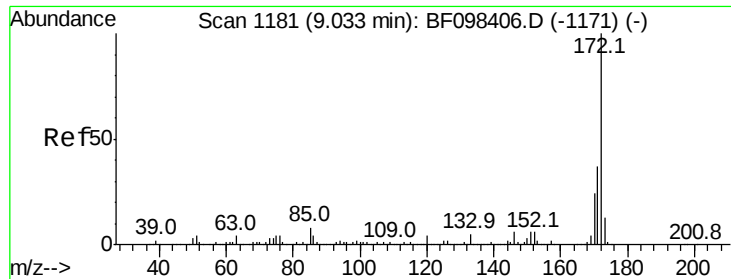
Tot Ion:164 Resp: 242906
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 45.6 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 75.966 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF098548.D
Acq: 15 Sep 2017 00:43

Tgt Ion:330 Resp: 123156
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 42.5 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 42.371 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.03 min

Lab File: BF098548.D

Acq: 15 Sep 2017 00:43

Instrument :

BNA_F

ClientSampleId :

RL-7-11-22

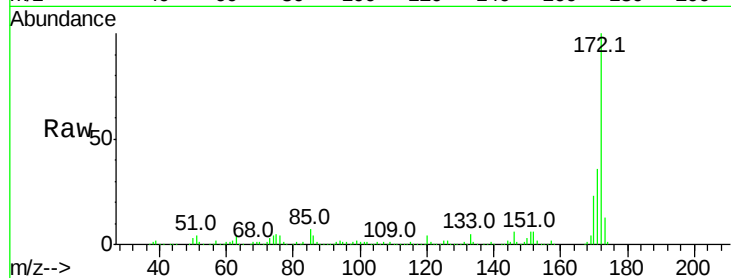
Tot Ion:172 Resp: 607239

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

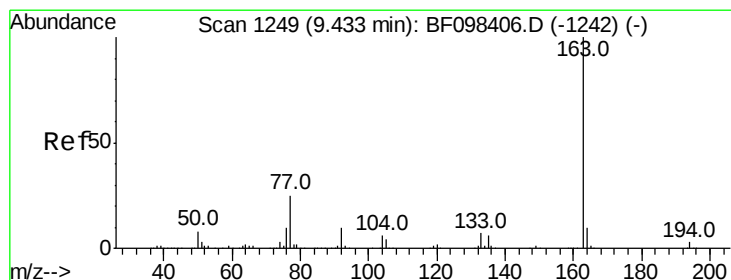
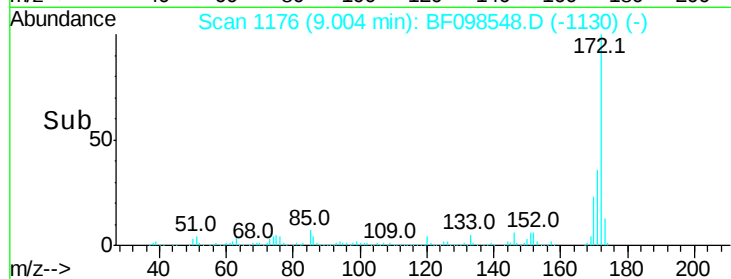
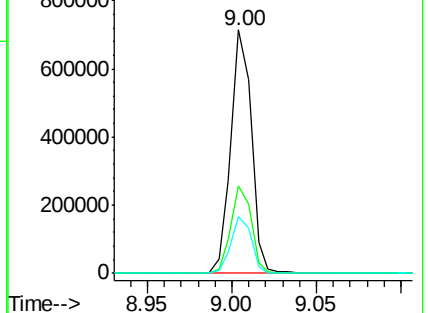
170 23.5 19.8 29.8



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: 9.393 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BF098548.D

Acq: 15 Sep 2017 00:43

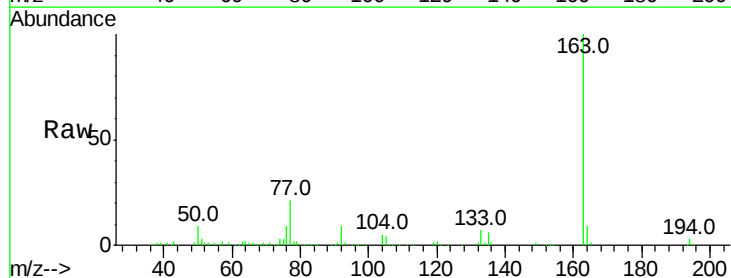
Tgt Ion:163 Resp: 176621

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

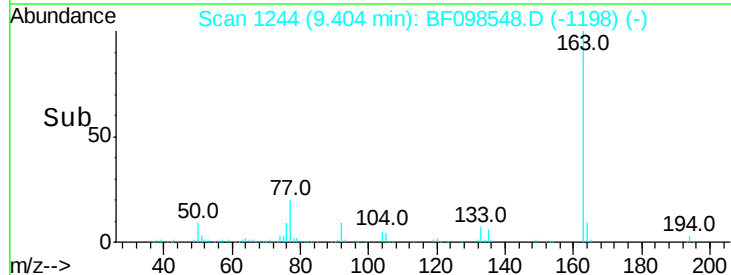
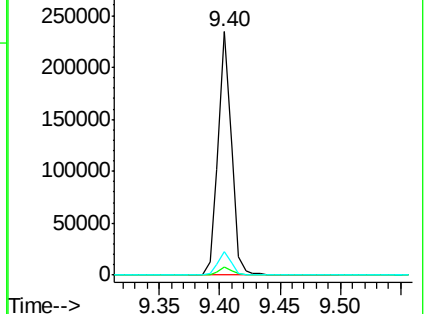
164 9.5 8.4 12.6

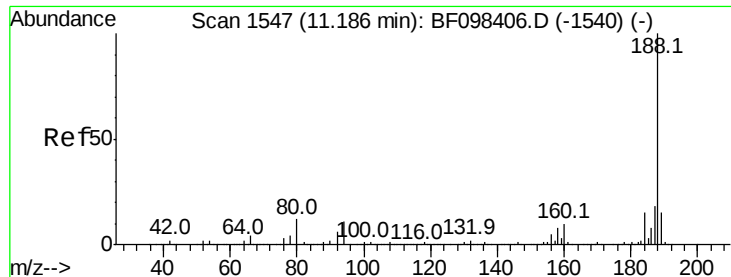


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

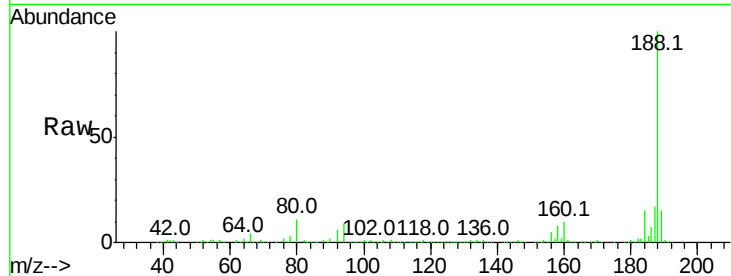




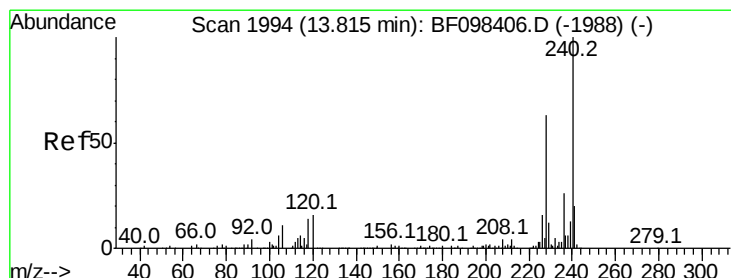
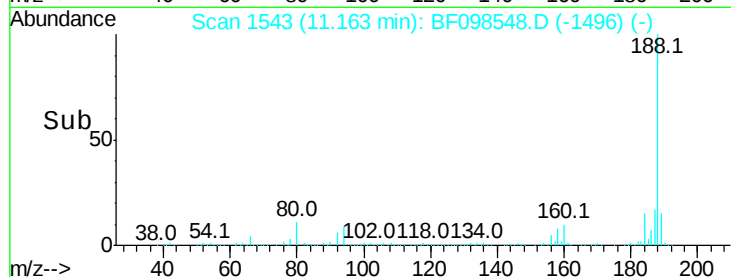
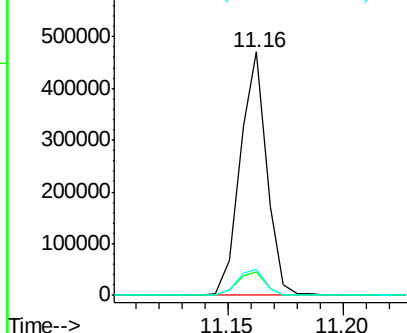
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098548.D
Acq: 15 Sep 2017 00:43

Instrument :
BNA_F
ClientSampleId :
RL-7-11-22

Tot Ion:188 Resp: 377325
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.2#
80 10.6 10.2 15.2

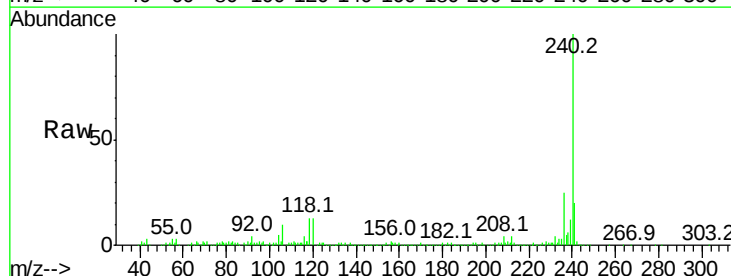


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

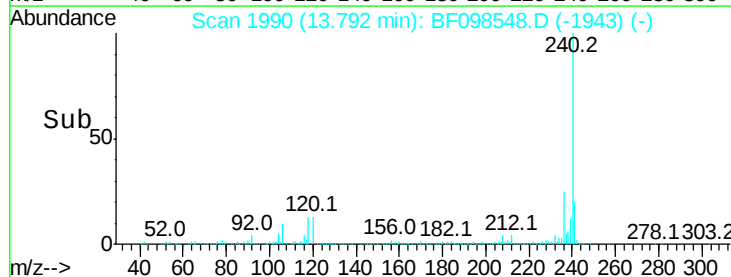
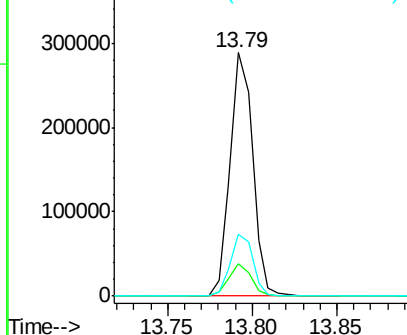


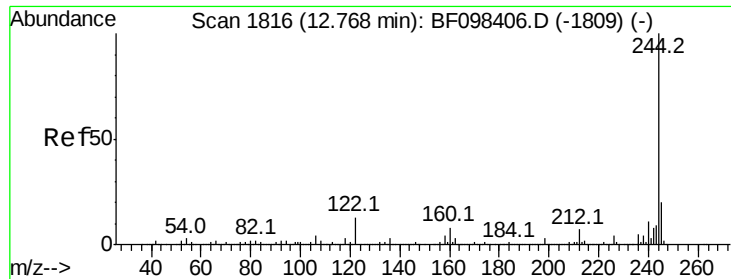
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098548.D
Acq: 15 Sep 2017 00:43

Tgt Ion:240 Resp: 269007
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 25.3 20.5 30.7



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

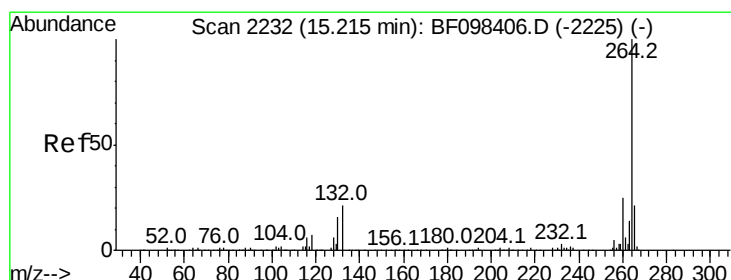
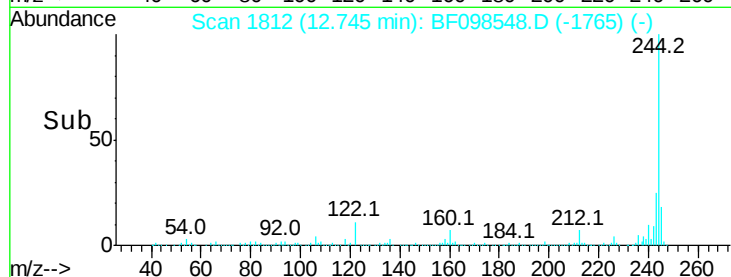
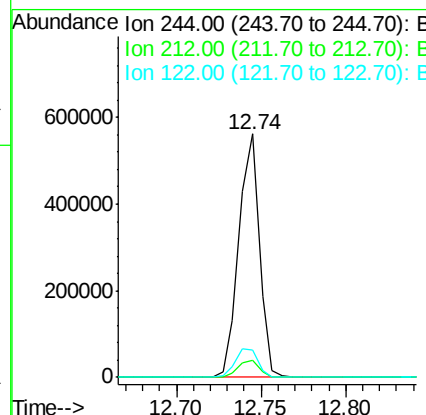
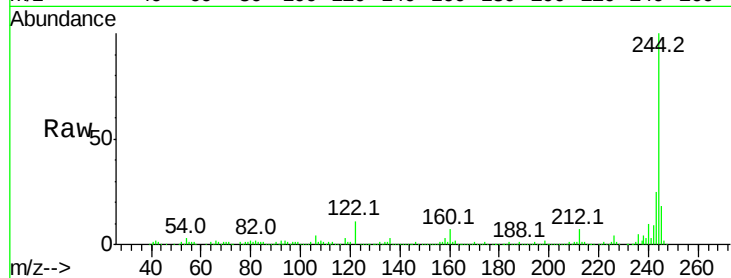




#78
 Terphenyl-d14
 Concen: 38.103 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BF098548.D
 Acq: 15 Sep 2017 00:43

Instrument :
 BNA_F
 ClientSampleId :
 RL-7-11-22

Tot Ion:244 Resp: 474875
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.19 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF098548.D
 Acq: 15 Sep 2017 00:43

Tgt Ion:264 Resp: 292402
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.9 17.2 25.8

