

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098544.D
 Acq On : 14 Sep 2017 22:49
 Operator : SJ/JU
 Sample : I5161-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-8-13-26

Quant Time: Sep 15 06:46:06 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

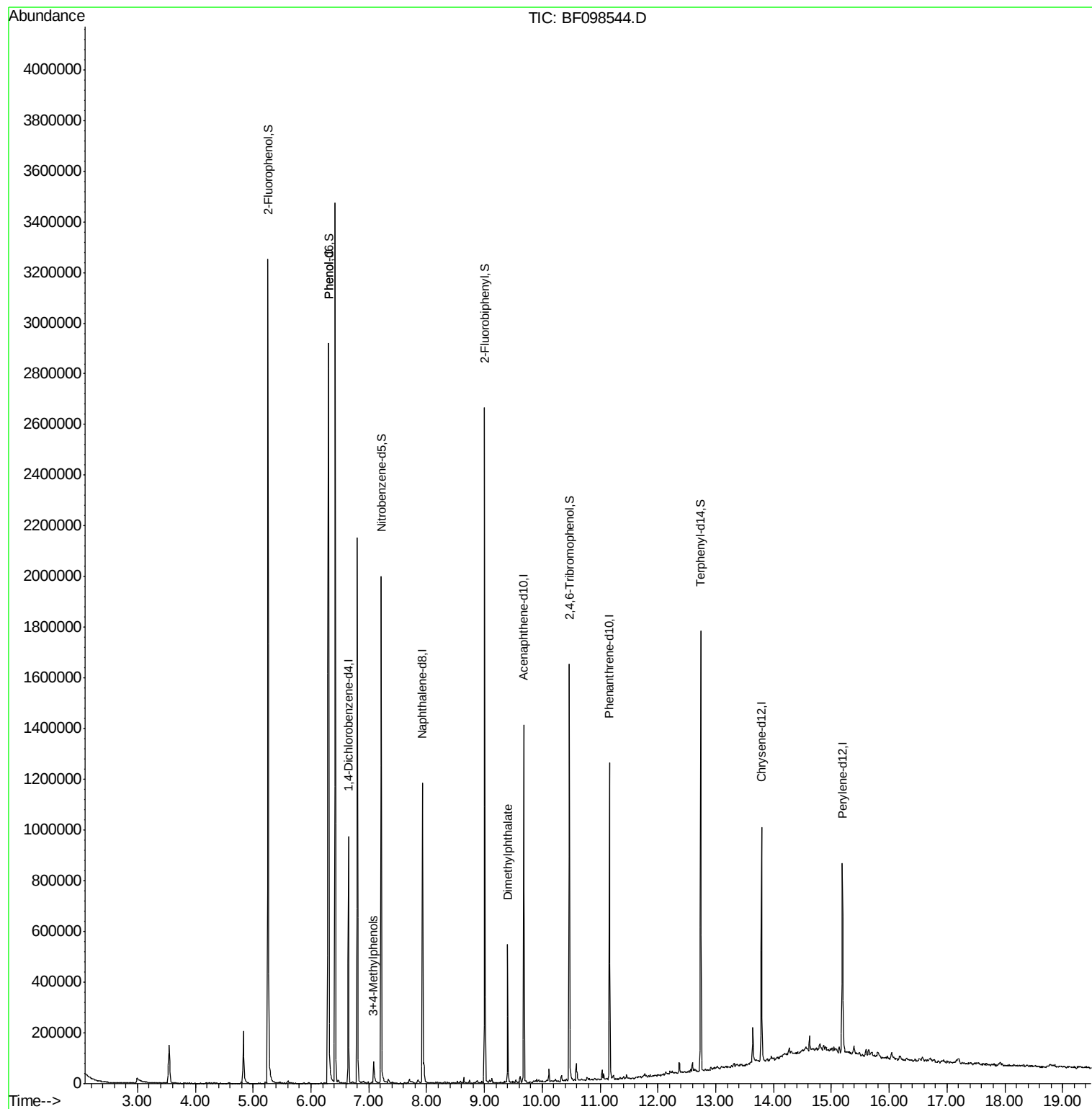
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	131912	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	545752	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	245197	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	400742	20.00	ng	-0.02
75) Chrysene-d12	13.79	240	276644	20.00	ng	-0.02
86) Perylene-d12	15.19	264	303065	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	901149	101.00	ng	-0.02
7) Phenol-d6	6.30	99	1107189	97.74	ng	-0.02
23) Nitrobenzene-d5	7.22	82	602141	61.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	159774	97.63	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	791143	54.69	ng	-0.03
78) Terphenyl-d14	12.74	244	511094	39.88	ng	-0.02
Target Compounds						
10) Phenol	6.31	94	35346	2.686	ng	Qvalue 83
20) 3+4-Methylphenols	7.08	107	34942	3.461	ng	# 57
49) Dimethylphthalate	9.40	163	187423	9.875	ng	99

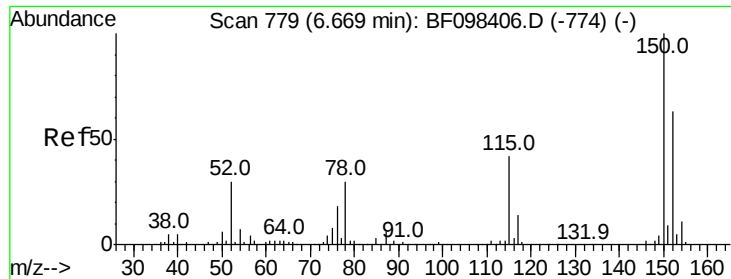
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF098544.D

Acq: 14 Sep 2017 22:49

Instrument :

BNA_F

ClientSampleId :

RL-8-13-26

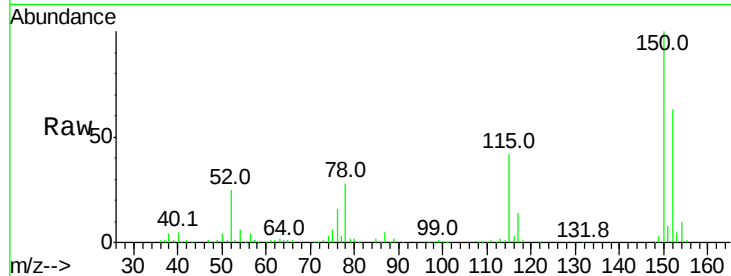
Tot Ion:152 Resp: 131912

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

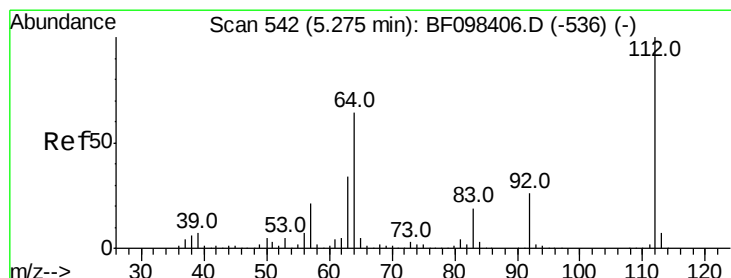
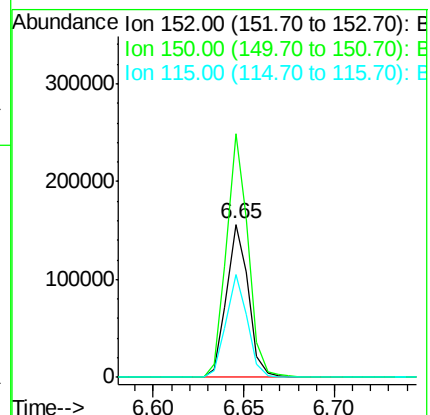
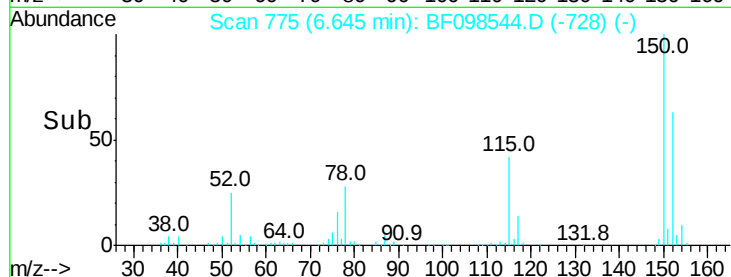
115 67.2 52.2 78.2



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: 101.004 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF098544.D

Acq: 14 Sep 2017 22:49

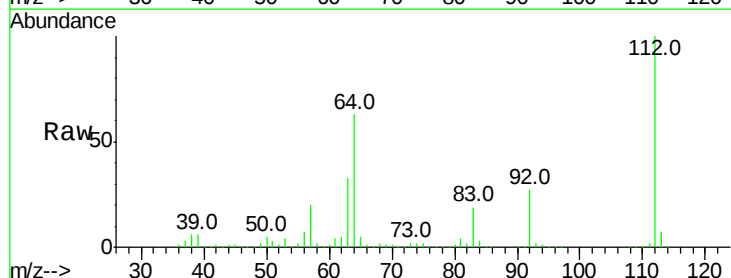
Tgt Ion:112 Resp: 901149

Ion Ratio Lower Upper

112 100

64 62.7 46.0 69.0

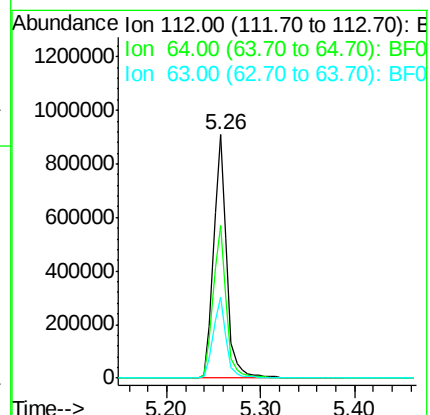
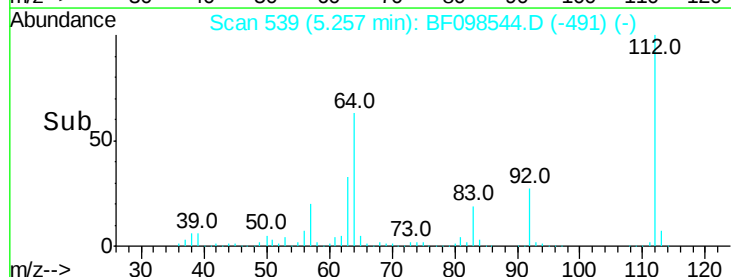
63 33.1 23.4 35.0



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: 97.741 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098544.D

Acq: 14 Sep 2017 22:49

Instrument :

BNA_F

ClientSampleId :

RL-8-13-26

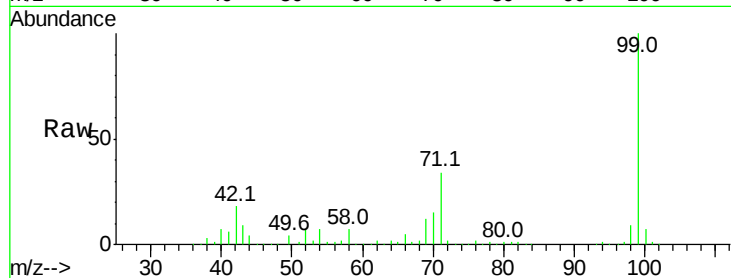
Tot Ion: 99 Resp: 1107189

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

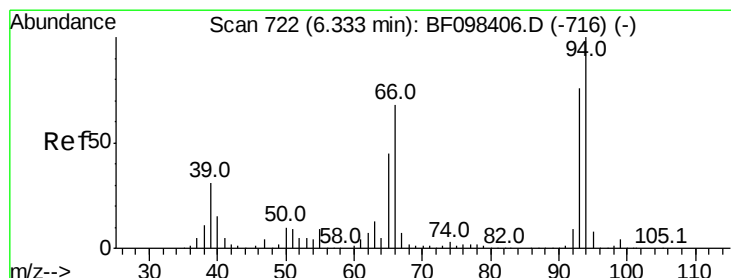
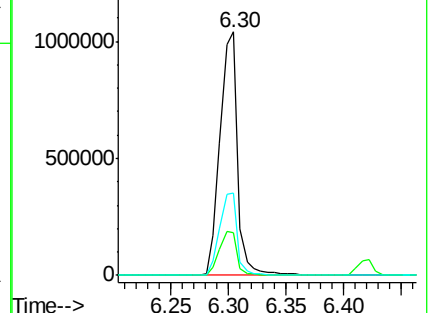
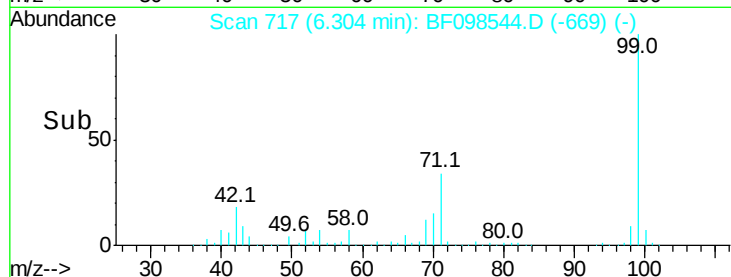
71 33.6 24.5 36.7



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: 2.686 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF098544.D

Acq: 14 Sep 2017 22:49

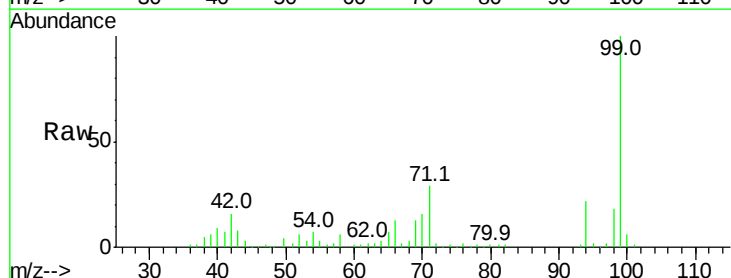
Tgt Ion: 94 Resp: 35346

Ion Ratio Lower Upper

94 100

65 33.5 9.9 49.9

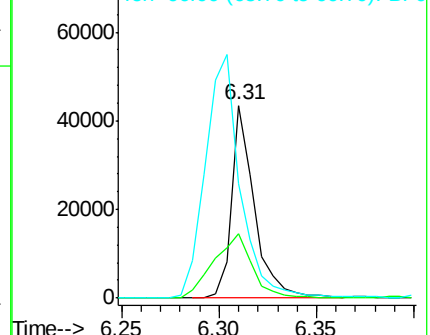
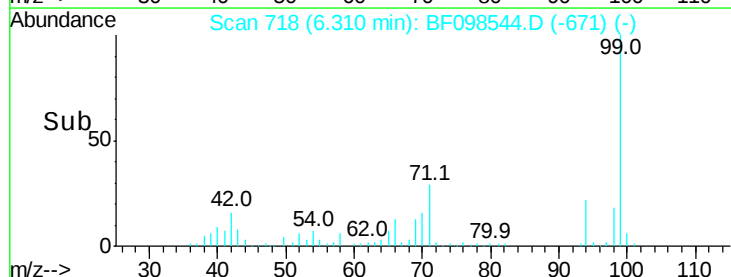
66 58.9 23.1 63.1

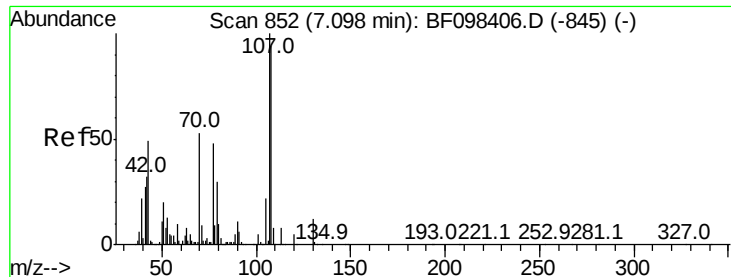


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

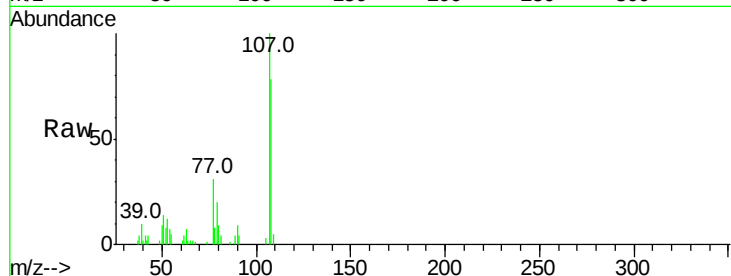




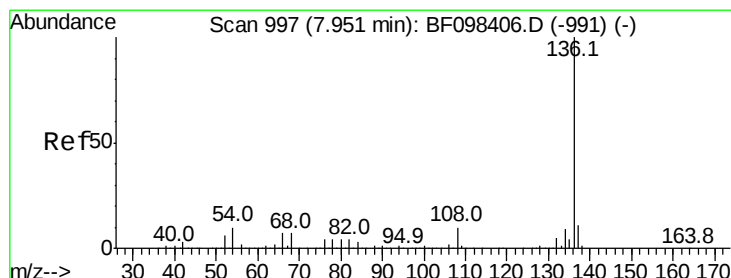
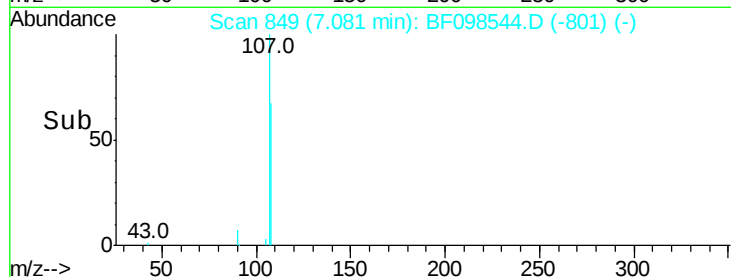
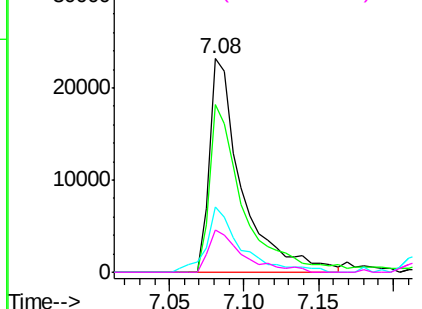
#20
3+4-Methylphenols
Concen: 3.461 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF098544.D
Acq: 14 Sep 2017 22:49

Instrument :
BNA_F
ClientSampleId :
RL-8-13-26

Tot Ion:107 Resp: 34942
Ion Ratio Lower Upper
107 100
108 78.5 71.0 111.0
77 30.8 90.5 130.5#
79 20.0 8.4 48.4

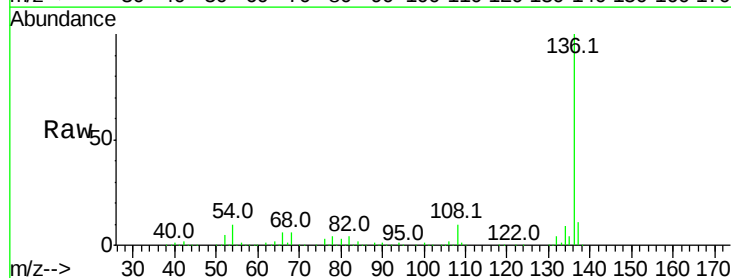


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

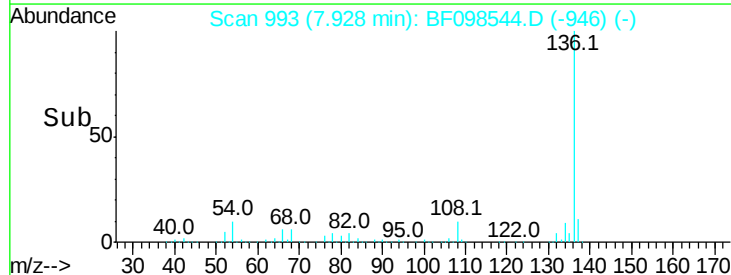
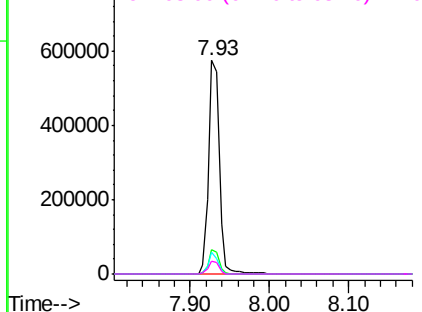


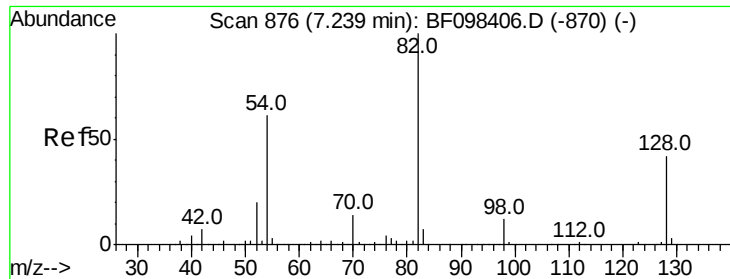
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098544.D
Acq: 14 Sep 2017 22:49

Tgt Ion:136 Resp: 545752
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 10.1 4.9 7.3#
68 6.0 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

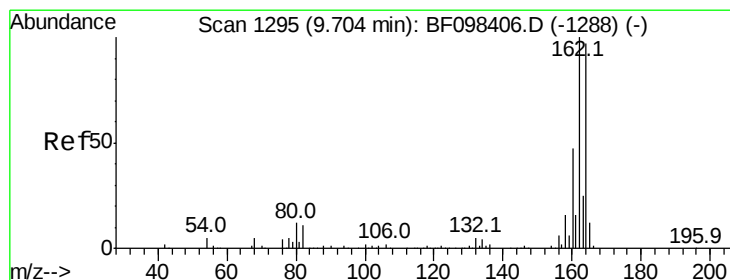
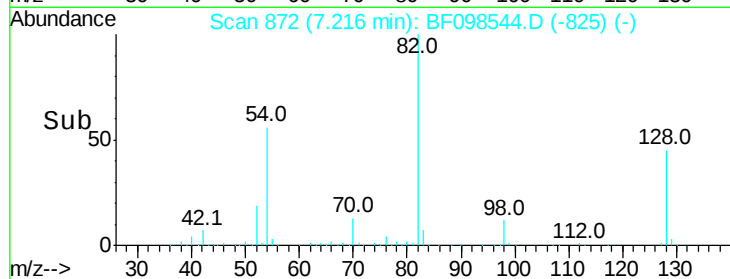
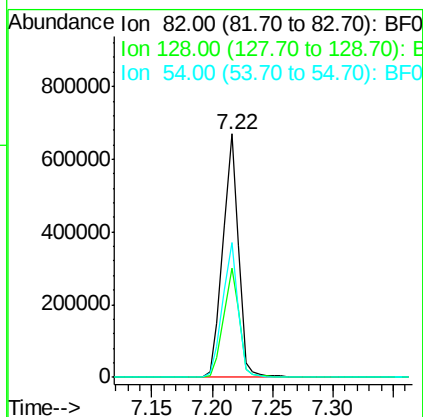
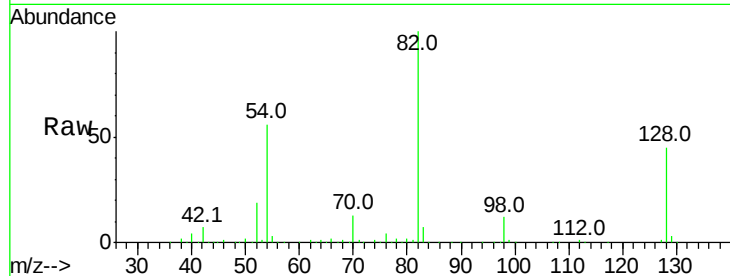




#23
Nitrobenzene-d5
Concen: 61.510 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098544.D
Acq: 14 Sep 2017 22:49

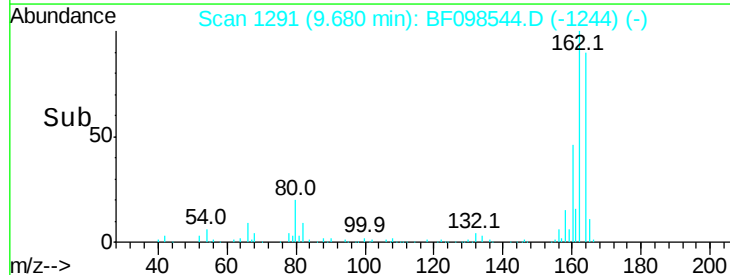
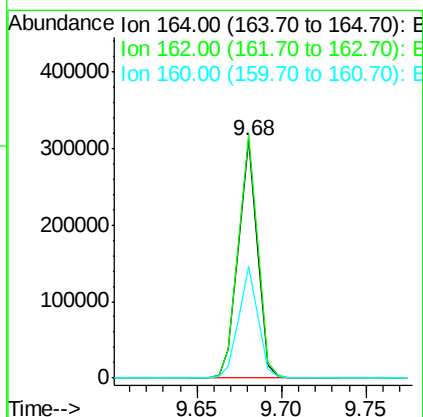
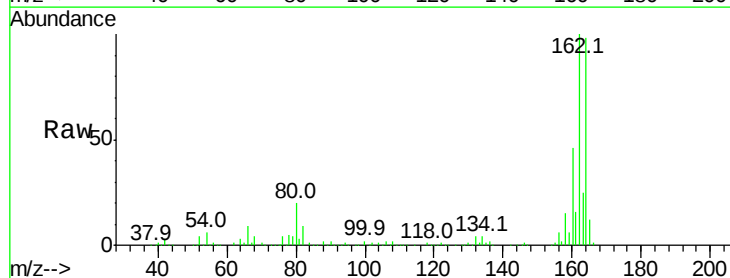
Instrument :
BNA_F
ClientSampleId :
RL-8-13-26

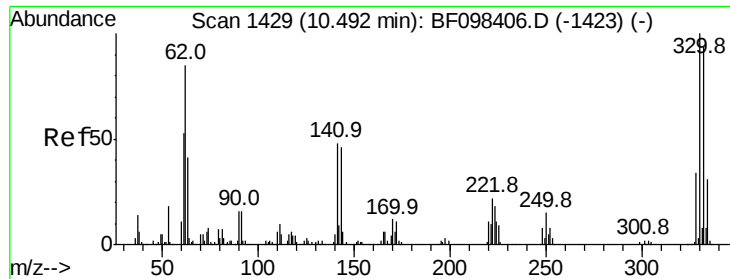
Tot Ion: 82 Resp: 602141
Ion Ratio Lower Upper
82 100
128 44.7 34.0 51.0
54 55.6 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098544.D
Acq: 14 Sep 2017 22:49

Tgt Ion:164 Resp: 245197
Ion Ratio Lower Upper
164 100
162 102.3 82.6 123.8
160 46.8 36.2 54.2

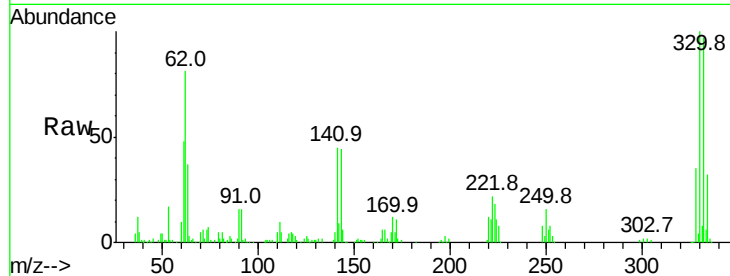




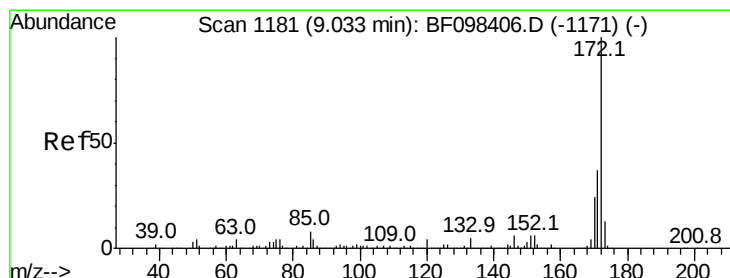
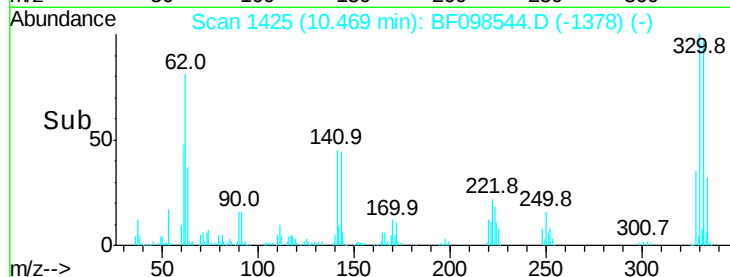
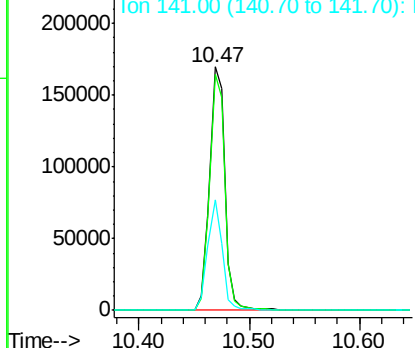
#41
 2,4,6-Tribromophenol
 Concen: 97.632 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF098544.D
 Acq: 14 Sep 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 RL-8-13-26

Tot Ion:330 Resp: 159774
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 42.6 31.4 47.2

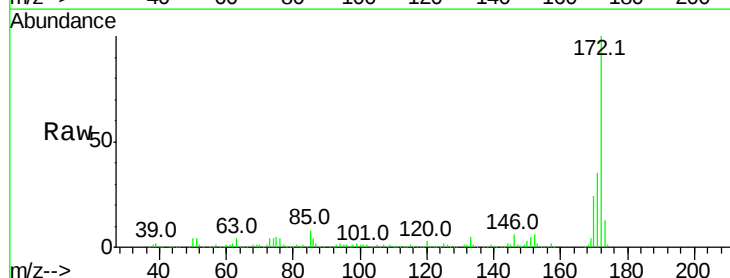


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

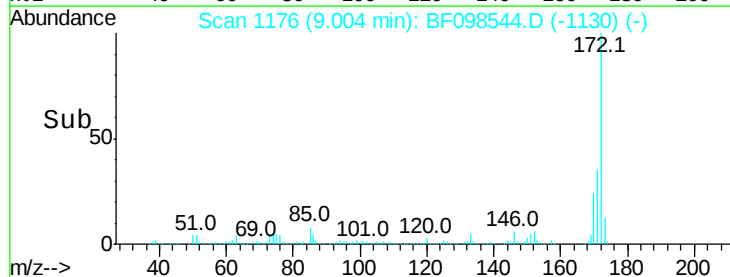
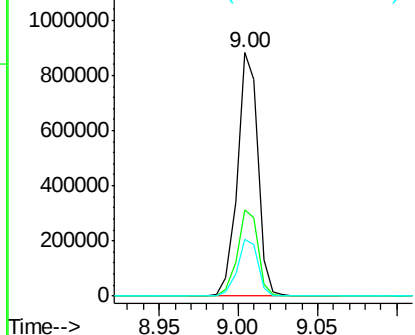


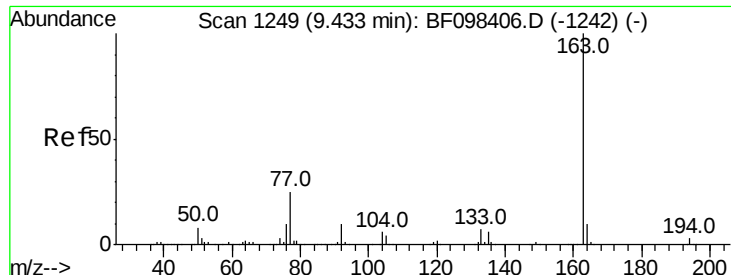
#44
 2-Fluorobiphenyl
 Concen: 54.688 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098544.D
 Acq: 14 Sep 2017 22:49

Tgt Ion:172 Resp: 791143
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

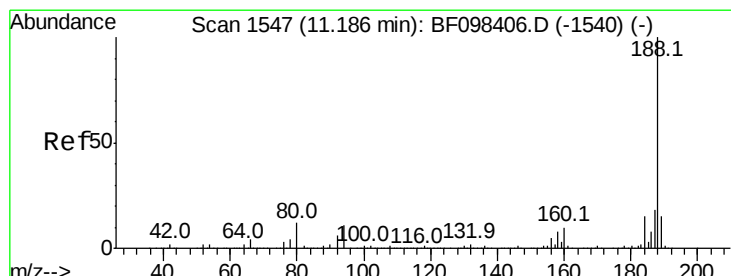
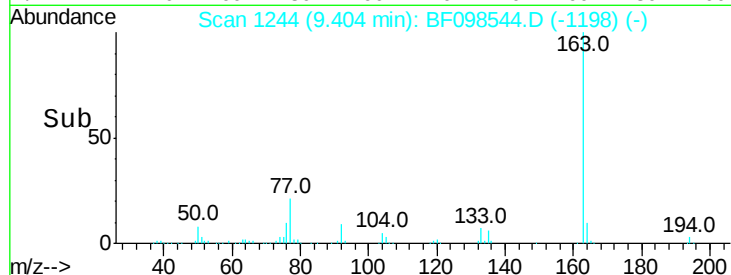
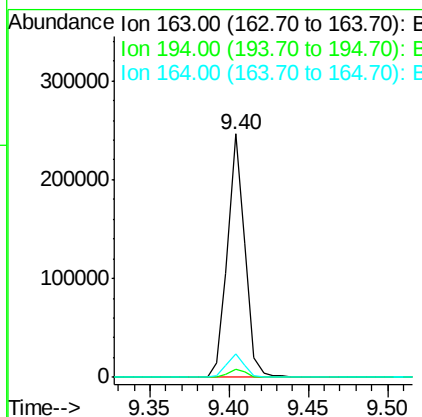
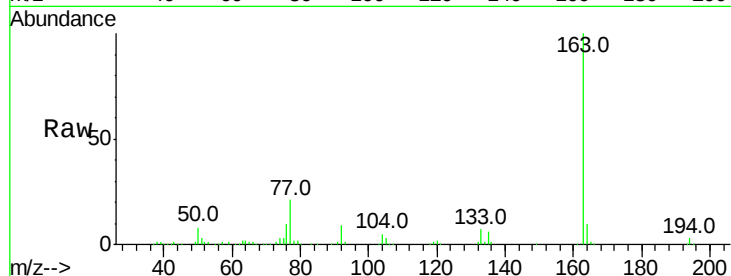




#49
Dimethylphthalate
Concen: 9.875 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098544.D
Acq: 14 Sep 2017 22:49

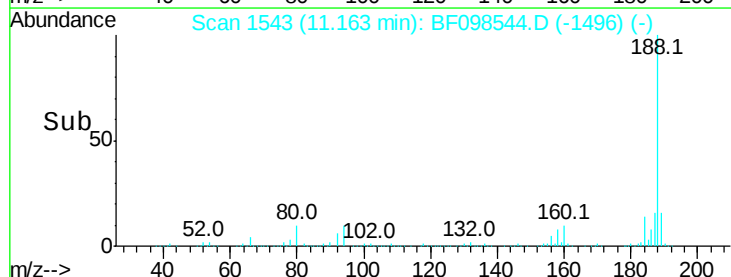
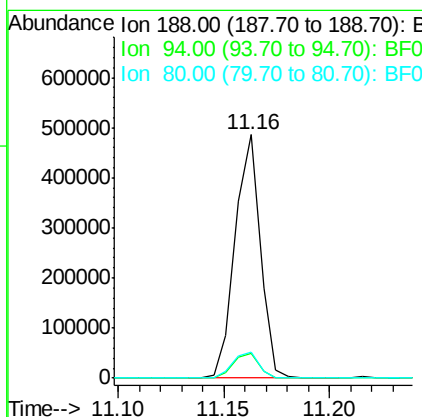
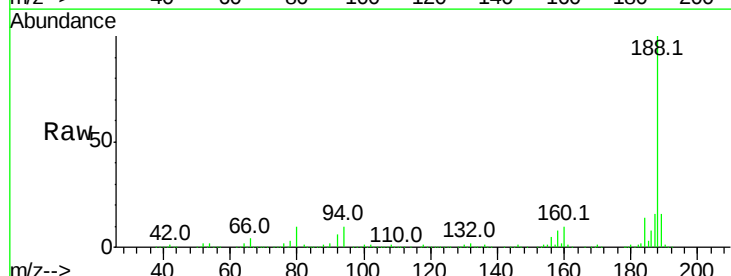
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BNA_F
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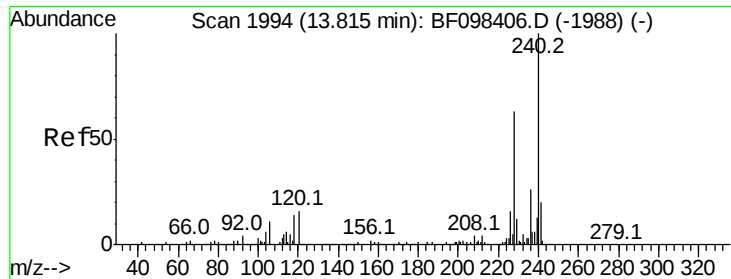
Tot Ion:163 Resp: 187423
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098544.D
Acq: 14 Sep 2017 22:49

Tgt Ion:188 Resp: 400742
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.4 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BF098544.D

Acq: 14 Sep 2017 22:49

Instrument :

BNA_F

ClientSampleId :

RL-8-13-26

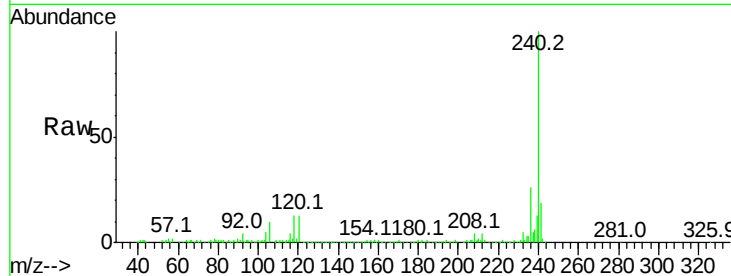
Tot Ion:240 Resp: 276644

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

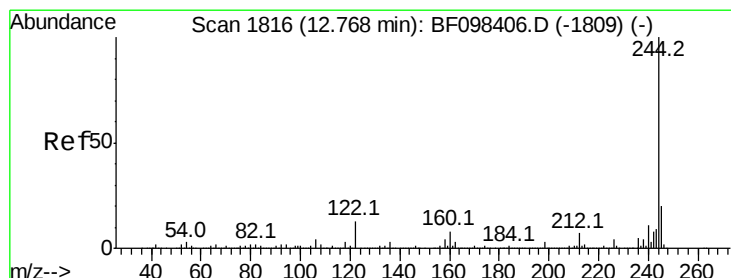
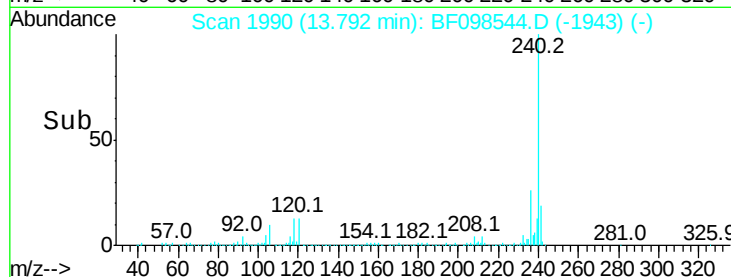
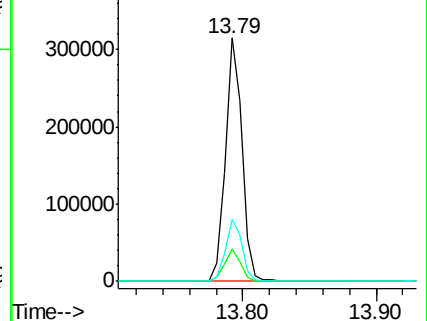
236 25.5 20.5 30.7



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: 39.877 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF098544.D

Acq: 14 Sep 2017 22:49

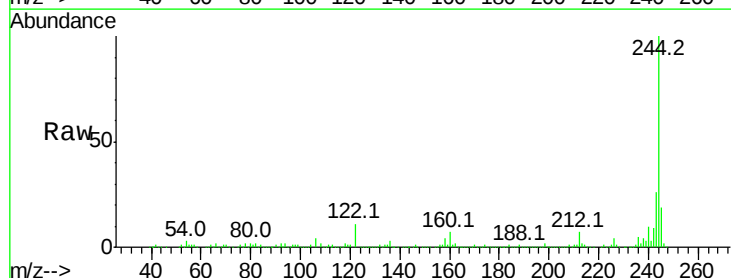
Tgt Ion:244 Resp: 511094

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

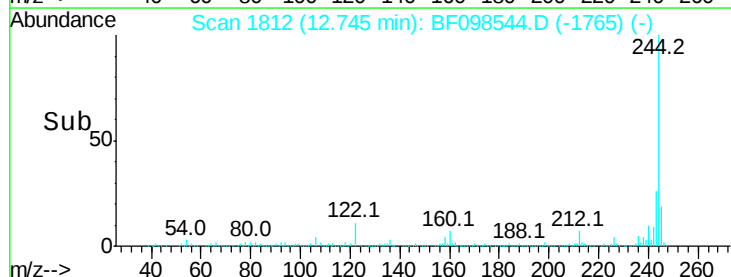
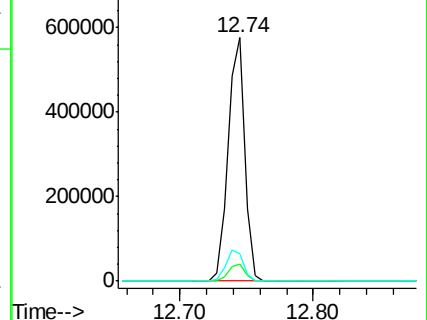
122 11.3 10.3 15.5

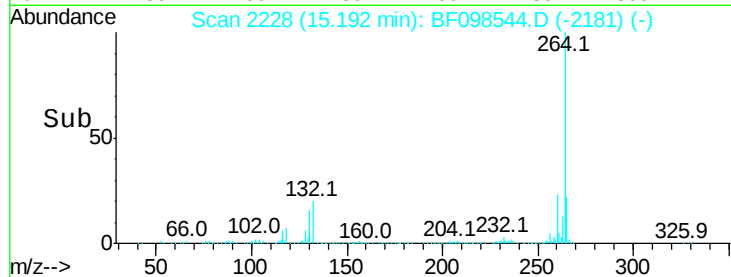
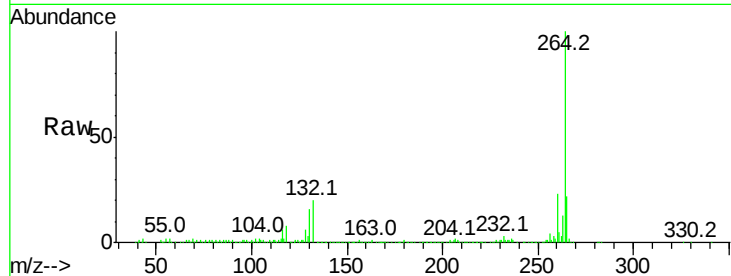
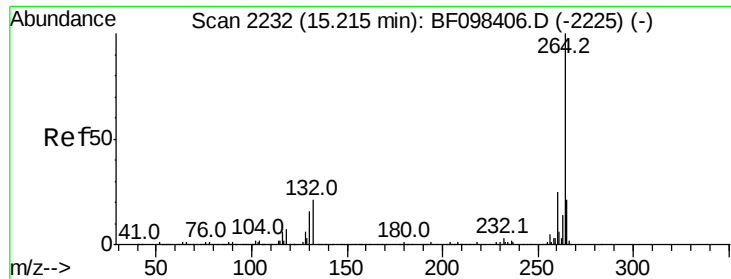


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098544.D
Acq: 14 Sep 2017 22:49

Instrument :
BNA_F
ClientSampleId :
RL-8-13-26

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.6	17.2	25.8

