

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114957.D
 Acq On : 11 Jun 2019 21:35
 Operator : HP/JU
 Sample : K3265-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-04-COMP

Quant Time: Jun 12 04:33:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

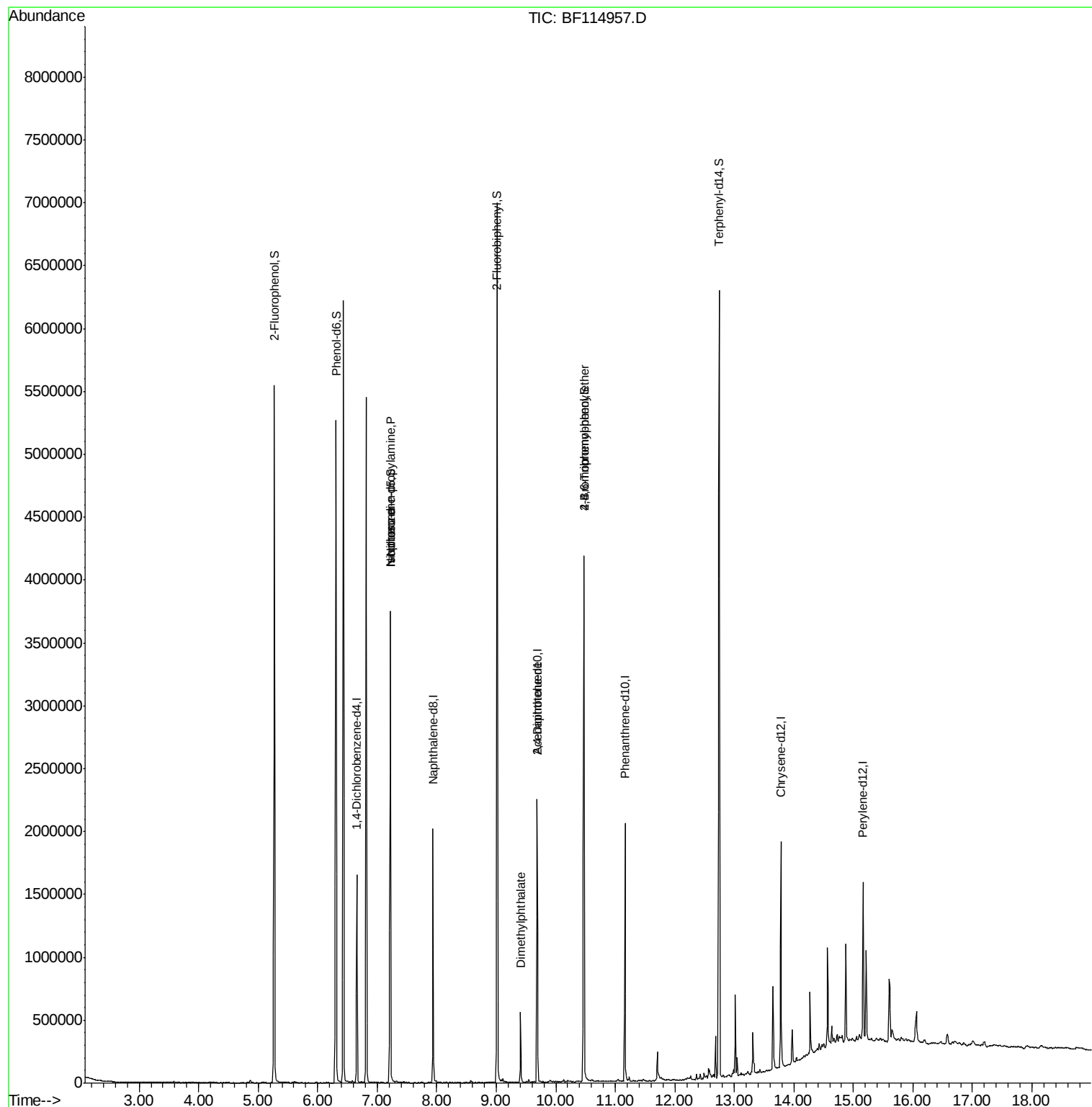
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	231192	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	875382	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	415006	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	762815	20.00	ng	0.00
76) Chrysene-d12	13.78	240	574651	20.00	ng	-0.01
87) Perylene-d12	15.16	264	549176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1782293	130.47	ng	0.00
7) Phenol-d6	6.31	99	2178484	132.21	ng	0.00
23) Nitrobenzene-d5	7.22	82	1366753	95.93	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	557931	123.59	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2332799	89.21	ng	0.00
79) Terphenyl-d14	12.74	244	2245839	77.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	179951	17.465	ng	# 76
25) Isophorone	7.22	82	1346992	48.280	ng	# 62
50) Dimethylphthalate	9.41	163	235259	7.542	ng	97
57) 2,4-Dinitrotoluene	9.69	165	53847	5.946	ng	# 26
67) 4-Bromophenyl-phenylether	10.47	248	36431	4.409	ng	# 1

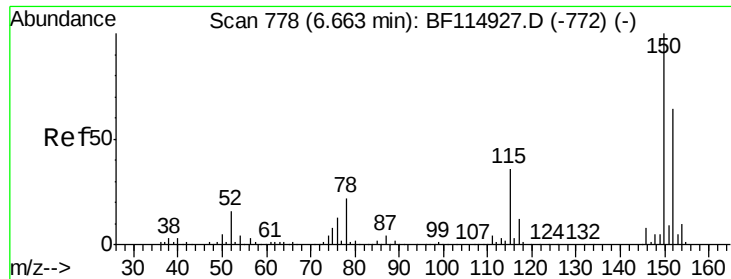
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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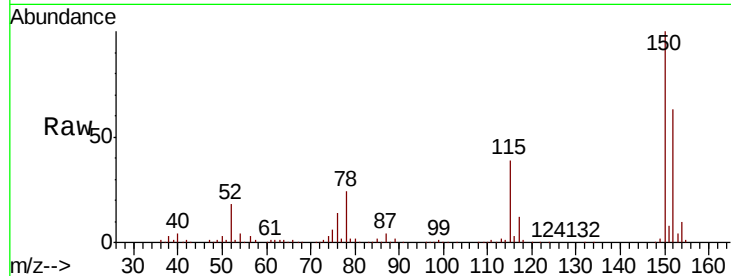


#1

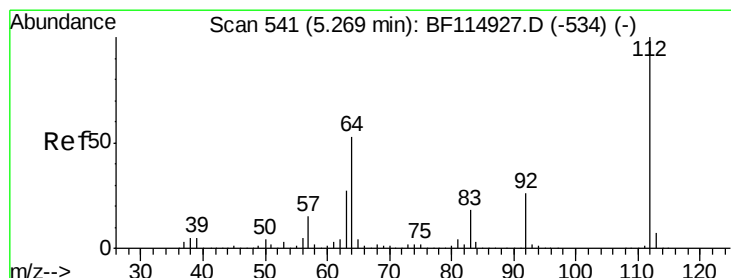
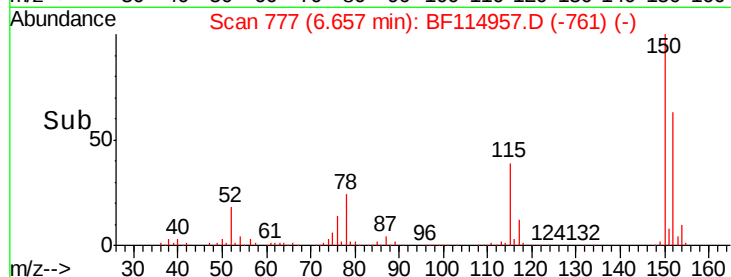
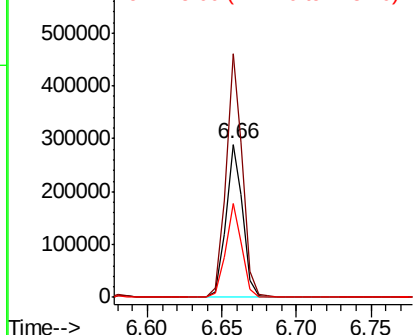
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114957.D
Acq: 11 Jun 2019 21:35

Instrument :
BNA_F
ClientSampleId :
B-04-COMP

Tot Ion:152 Resp: 231192
Ion Ratio Lower Upper
152 100
150 159.0 125.2 187.8
115 61.3 45.0 67.4



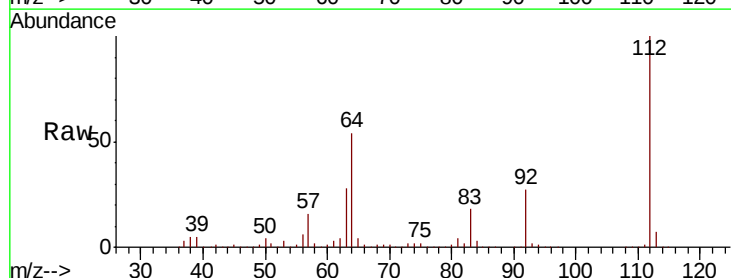
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



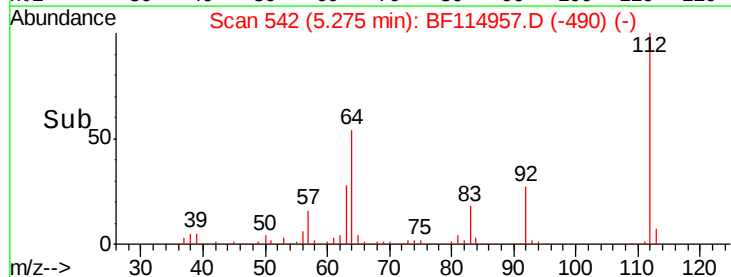
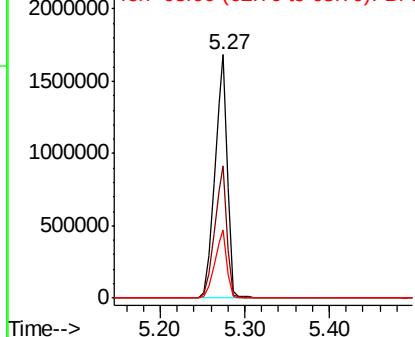
#5

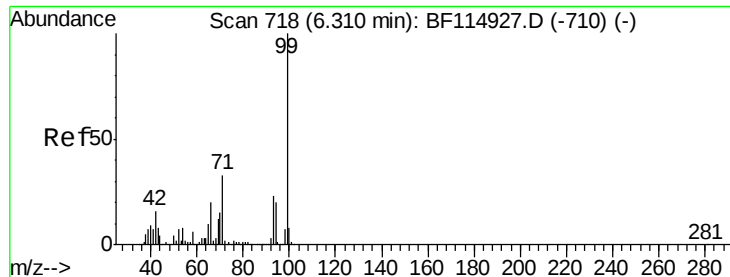
2-Fluorophenol
Concen: 130.471 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114957.D
Acq: 11 Jun 2019 21:35

Tgt Ion:112 Resp: 1782293
Ion Ratio Lower Upper
112 100
64 54.4 42.1 63.1
63 27.9 21.8 32.8



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: 132.212 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

Instrument :

BNA_F

ClientSampleId :

B-04-COMP

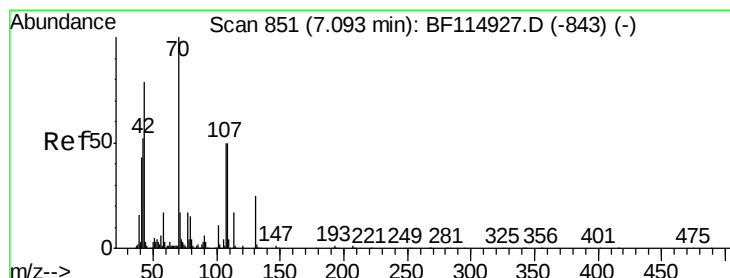
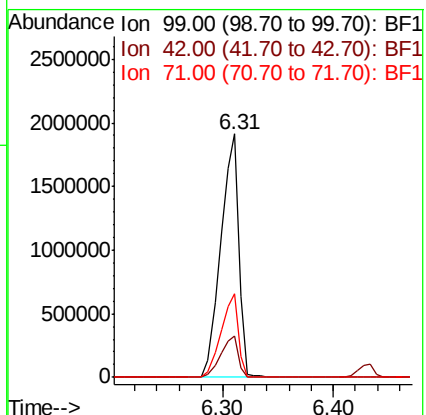
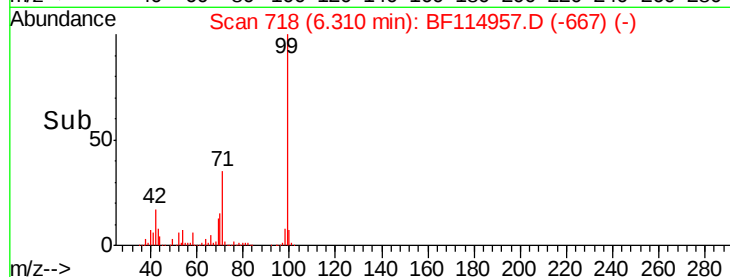
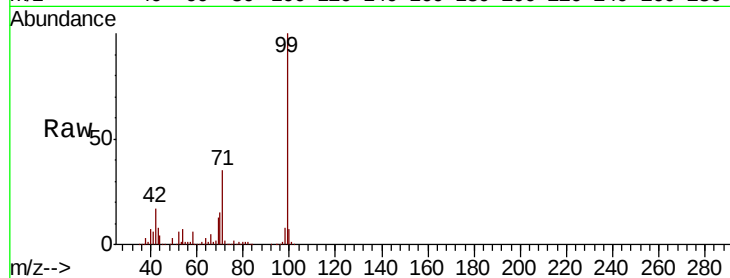
Tot Ion: 99 Resp: 2178484

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	34.5	26.8	40.2

99 100

42 17.0 13.1 19.7

71 34.5 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.465 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

Tgt Ion: 70 Resp: 179951

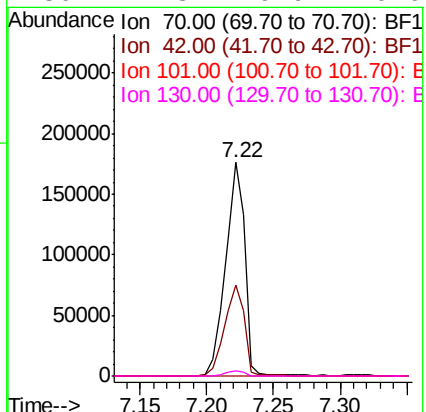
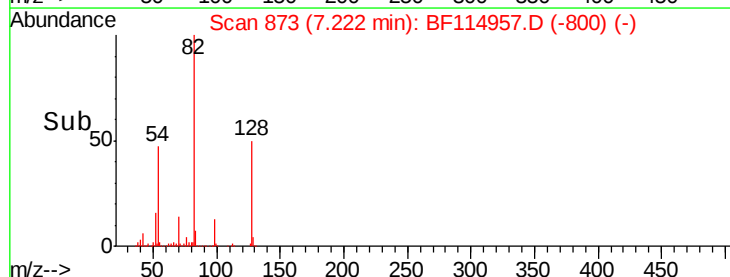
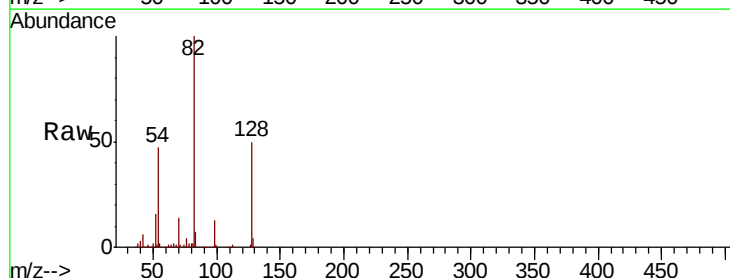
Ion	Ratio	Lower	Upper
70	100		
42	42.7	41.7	62.5
101	0.0	8.4	12.6#
130	2.3	19.9	29.9#

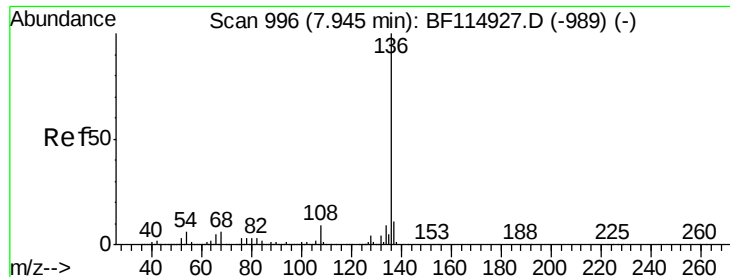
70 100

42 42.7 41.7 62.5

101 0.0 8.4 12.6#

130 2.3 19.9 29.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

Instrument :

BNA_F

ClientSampleId :

B-04-COMP

Tot Ion:136 Resp: 875382

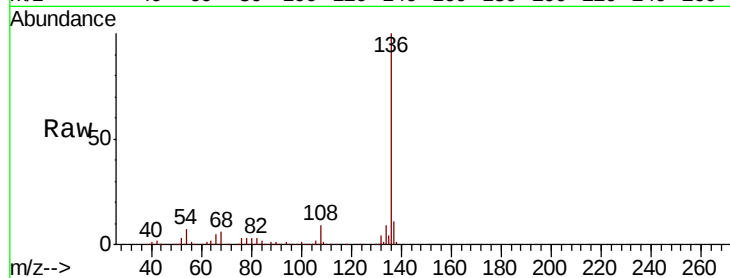
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 6.7 5.2 7.8

68 5.8 4.6 7.0

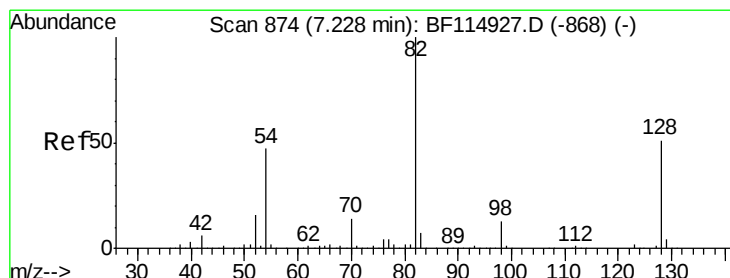
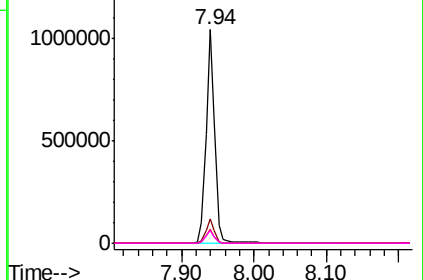
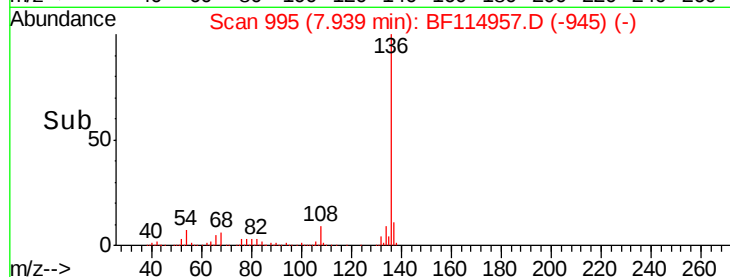


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.931 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

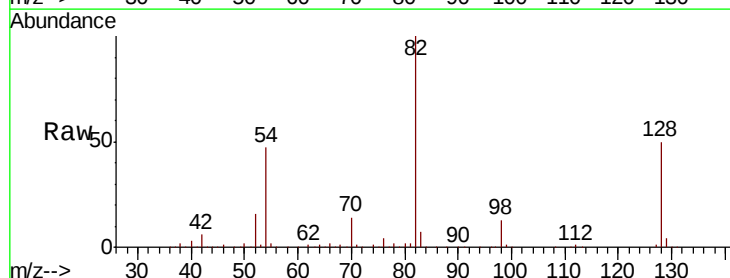
Tgt Ion: 82 Resp: 1366753

Ion Ratio Lower Upper

82 100

128 50.2 40.9 61.3

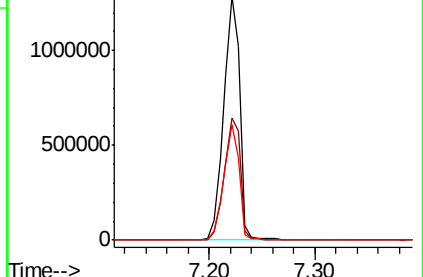
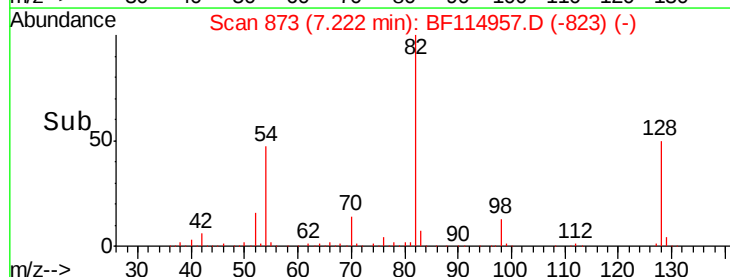
54 47.4 37.4 56.0

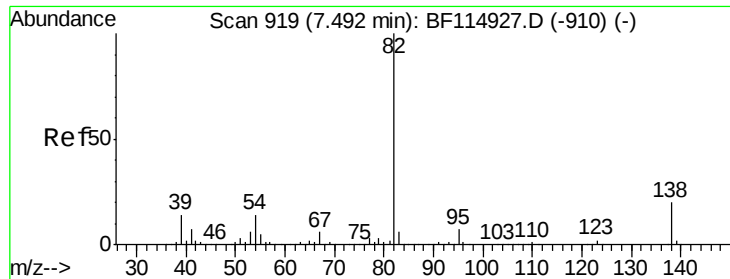


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.280 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.27 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

Instrument :

BNA_F

ClientSampleId :

B-04-COMP

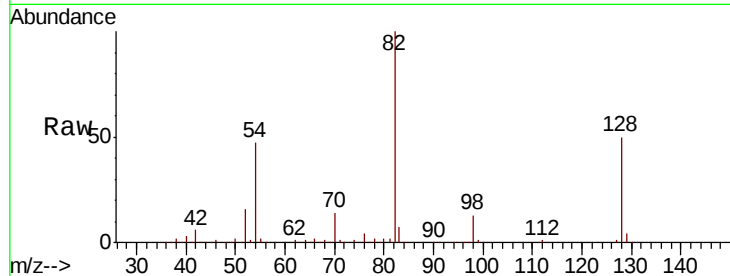
Tot Ion: 82 Resp: 1346992

Ion Ratio Lower Upper

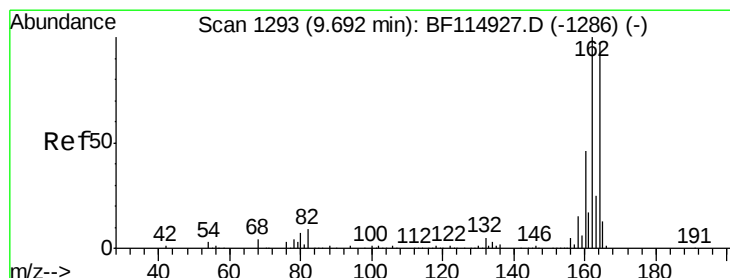
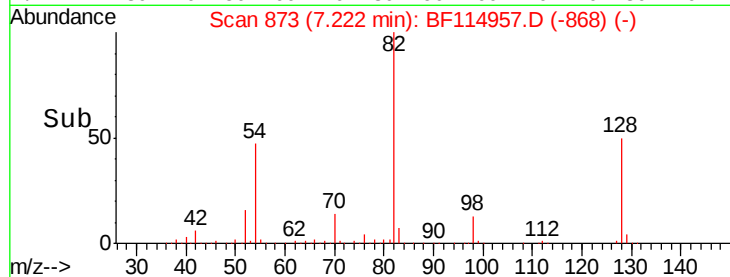
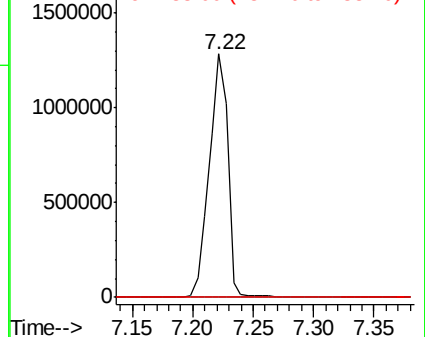
82 100

95 0.0 5.7 8.5#

138 0.0 16.4 24.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

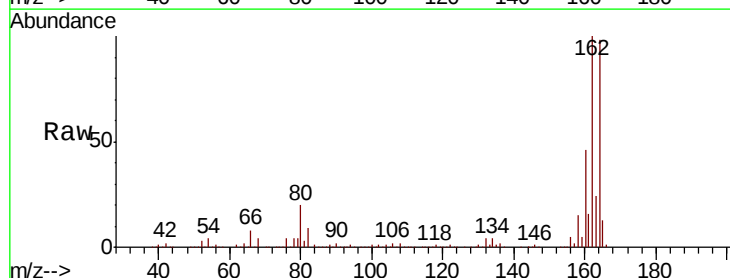
Tgt Ion:164 Resp: 415006

Ion Ratio Lower Upper

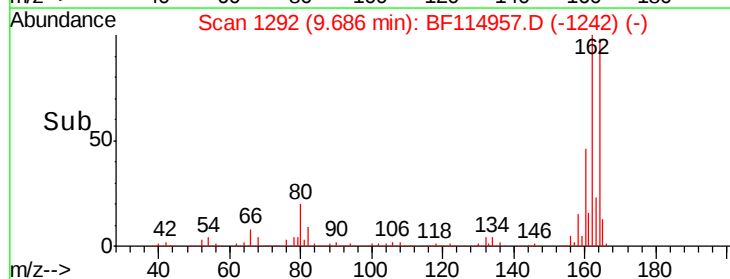
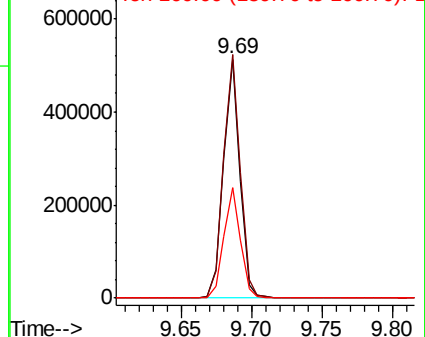
164 100

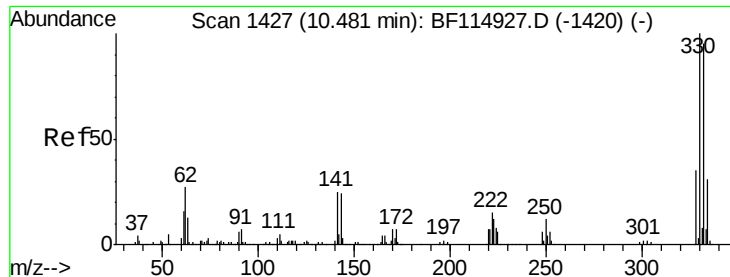
162 102.0 82.4 123.6

160 46.4 37.5 56.3



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





#42

2,4,6-Tribromophenol

Concen: 123.587 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

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ClientSampleId :

B-04-COMP

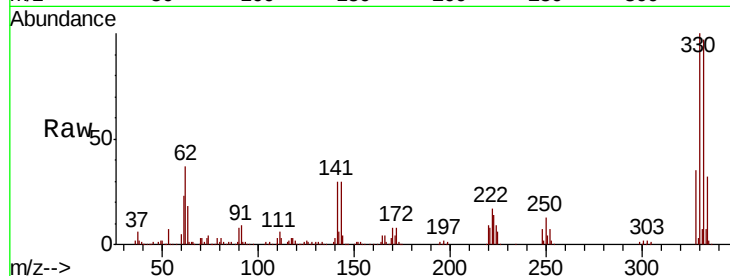
Tot Ion:330 Resp: 557931

Ion Ratio Lower Upper

330 100

332 97.7 76.4 114.6

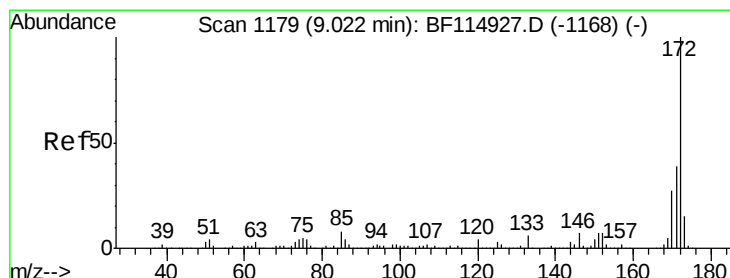
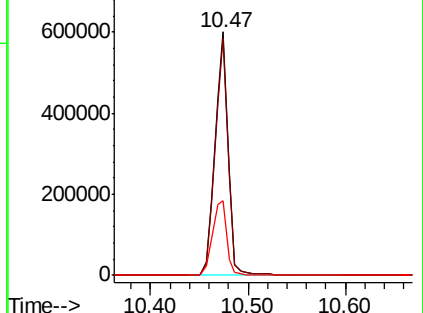
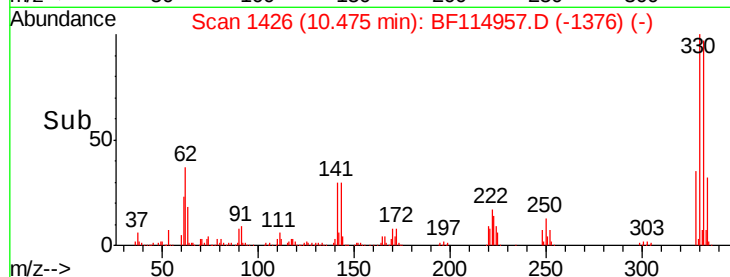
141 33.7 26.8 40.2



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



#45

2-Fluorobiphenyl

Concen: 89.211 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

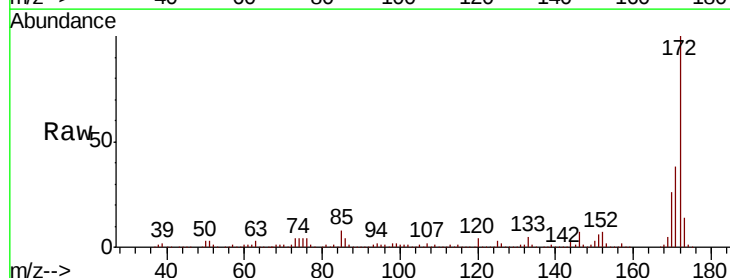
Tgt Ion:172 Resp: 2332799

Ion Ratio Lower Upper

172 100

171 38.0 31.3 46.9

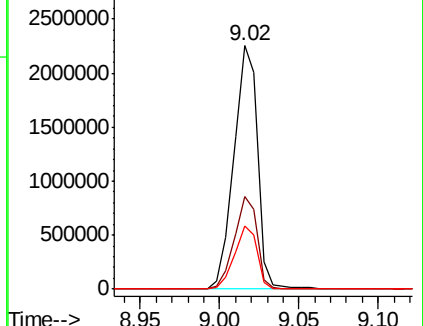
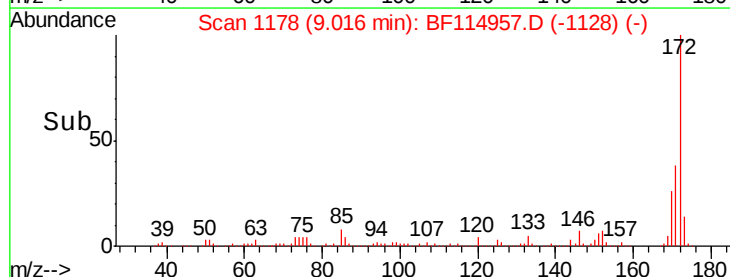
170 25.8 21.4 32.0

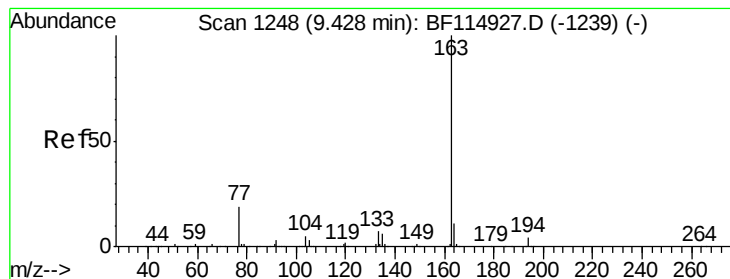


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.542 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

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B-04-COMP

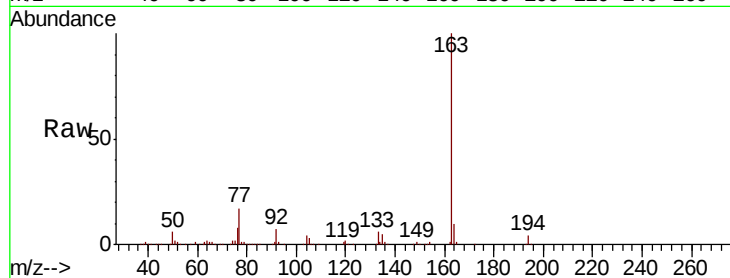
Tot Ion:163 Resp: 235259

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

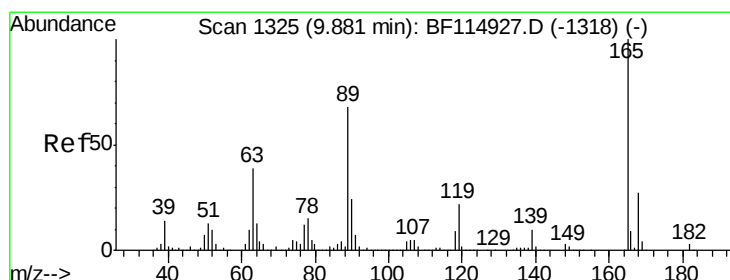
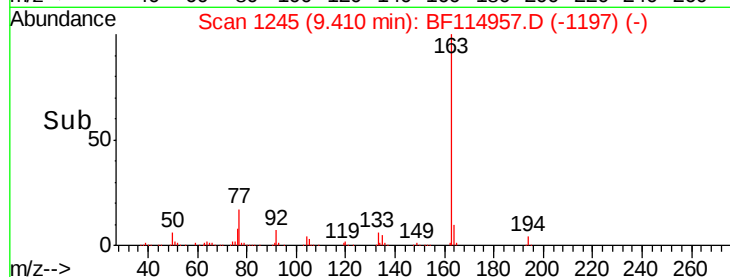
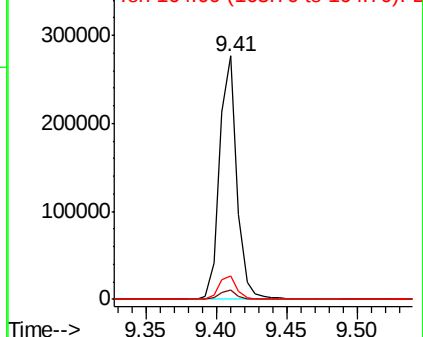
164 9.6 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.946 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.19 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

Tgt Ion:165 Resp: 53847

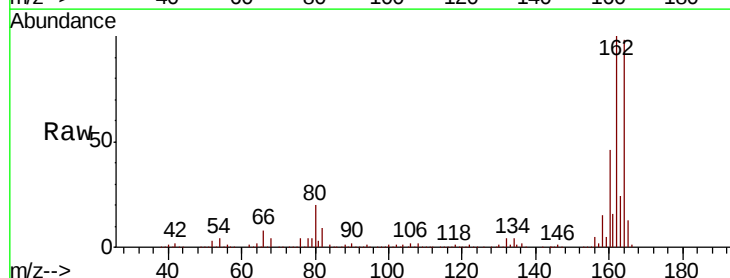
Ion Ratio Lower Upper

165 100

63 1.1 31.8 47.6#

89 1.2 54.2 81.2#

182 0.0 2.1 3.1#

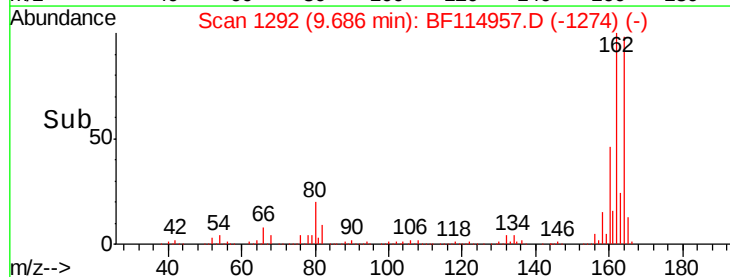
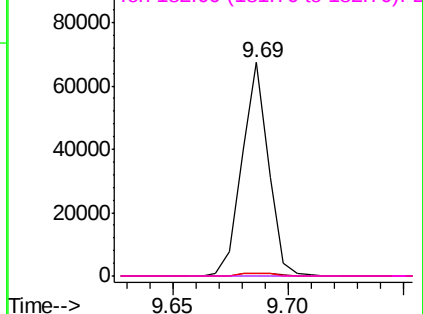


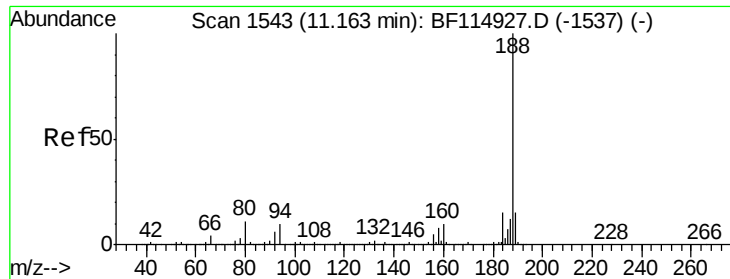
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

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B-04-COMP

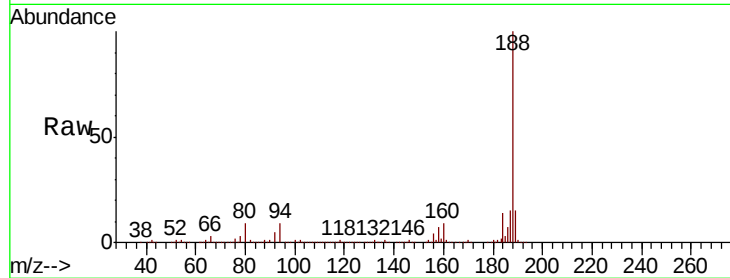
Tot Ion:188 Resp: 762815

Ion Ratio Lower Upper

188 100

94 8.8 8.1 12.1

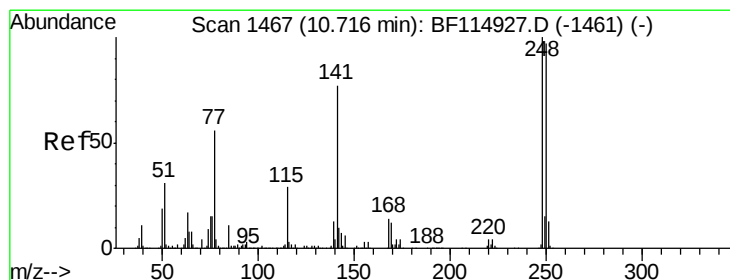
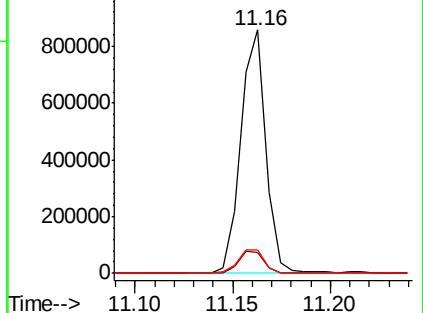
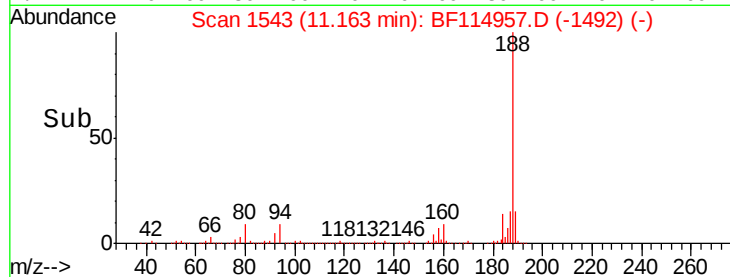
80 9.4 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 4.409 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.24 min

Lab File: BF114957.D

Acq: 11 Jun 2019 21:35

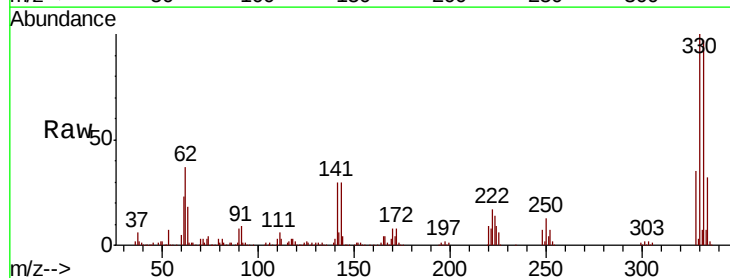
Tgt Ion:248 Resp: 36431

Ion Ratio Lower Upper

248 100

250 195.2 77.4 116.0#

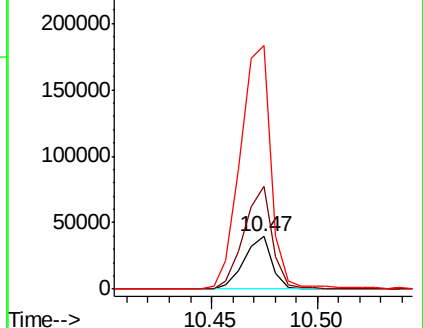
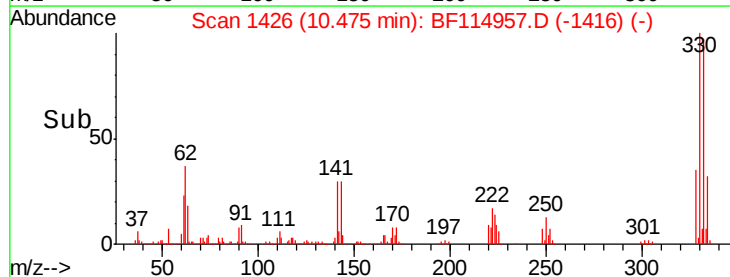
141 462.5 61.8 92.6#

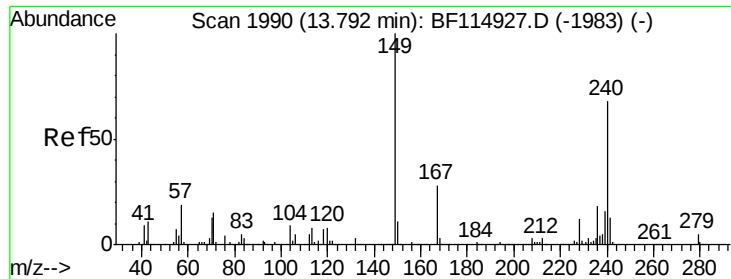


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

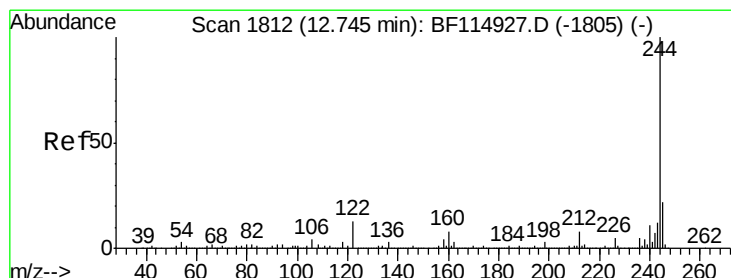
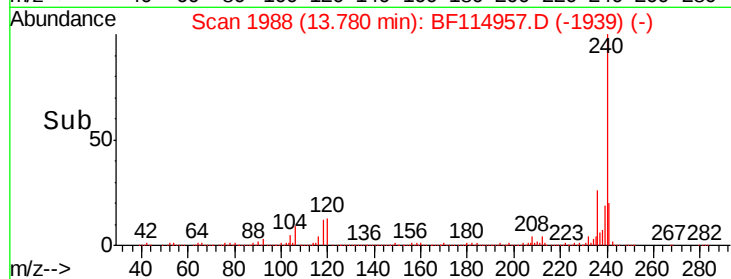
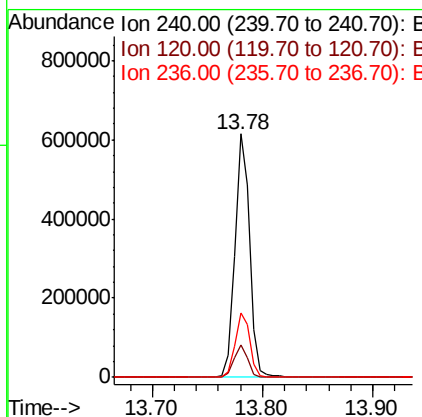
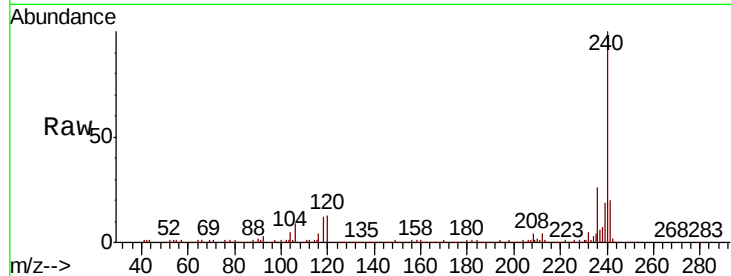




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF114957.D
 Acq: 11 Jun 2019 21:35

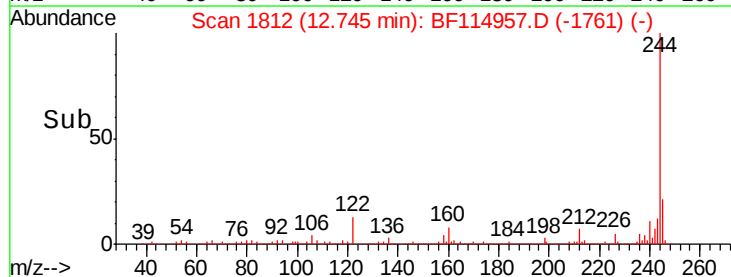
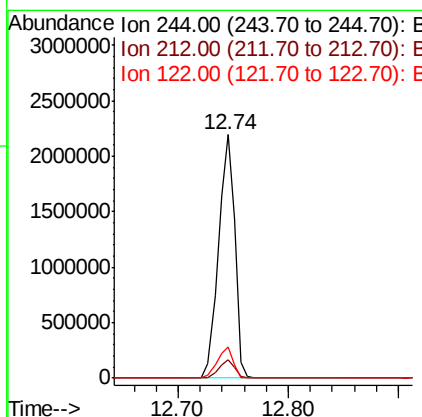
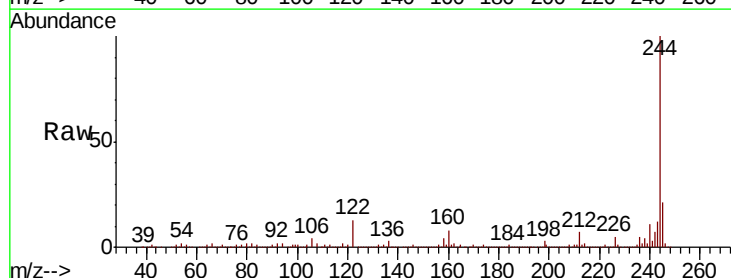
Instrument :
 BNA_F
 ClientSampleId :
 B-04-COMP

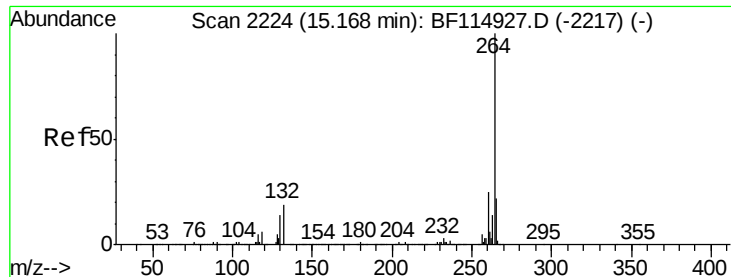
Tot Ion:240 Resp: 574651
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.2 13.8
 236 26.3 21.7 32.5



#79
 Terphenyl-d14
 Concen: 77.722 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF114957.D
 Acq: 11 Jun 2019 21:35

Tgt Ion:244 Resp: 2245839
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 12.6 10.2 15.4

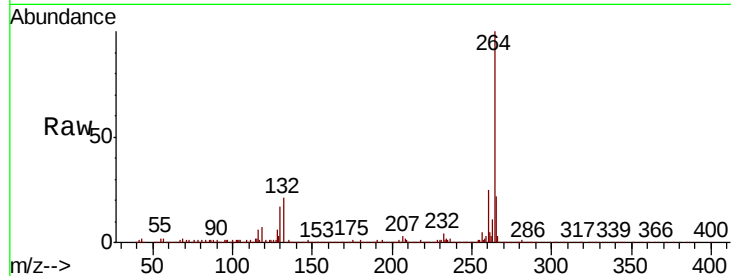




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114957.D
Acq: 11 Jun 2019 21:35

Instrument :
BNA_F
ClientSampleId :
B-04-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
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

