

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115540.D
 Acq On : 12 Jul 2019 21:32
 Operator : HP/JU
 Sample : K3626-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:11:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

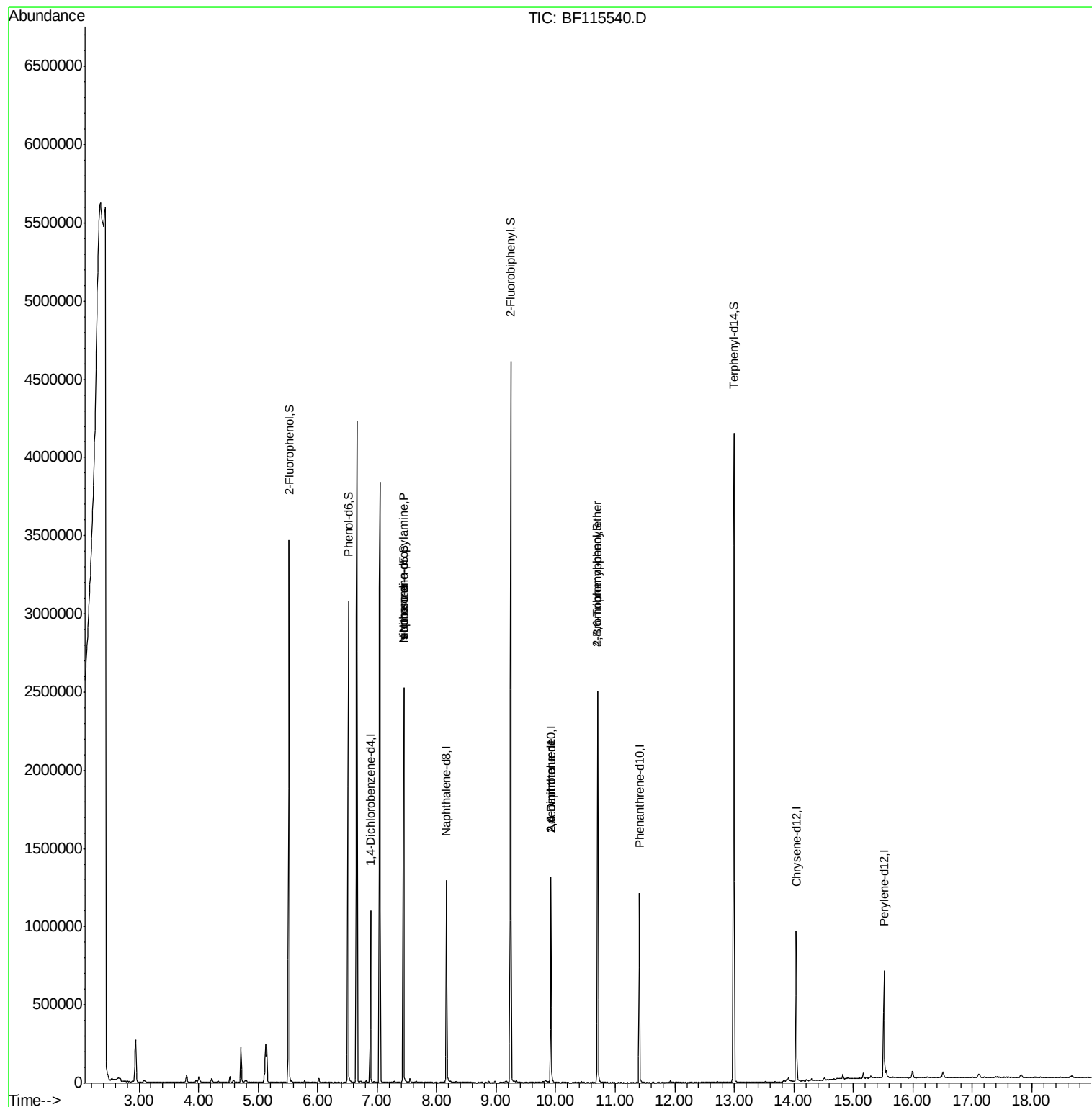
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	158839	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	575557	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	261212	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	415320	20.00	ng	0.00
76) Chrysene-d12	14.04	240	313235	20.00	ng	-0.01
87) Perylene-d12	15.52	264	345969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1086810	111.92	ng	0.02
7) Phenol-d6	6.52	99	1236489	100.35	ng	0.00
23) Nitrobenzene-d5	7.45	82	976770	98.68	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	362385	118.85	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1678480	112.47	ng	0.00
79) Terphenyl-d14	12.99	244	1439408	84.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	130186	16.200	ng	# 77
25) Isophorone	7.45	82	969384	48.942	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	32968	7.382	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	32968	5.698	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	22540	4.749	ng	# 1

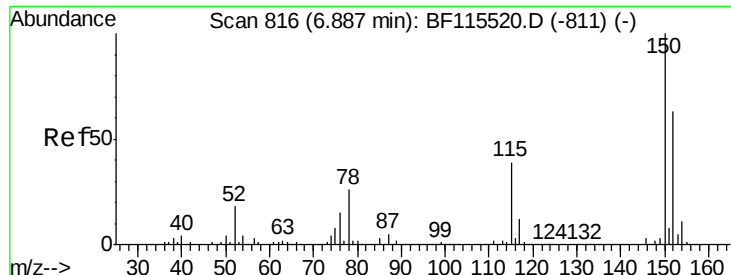
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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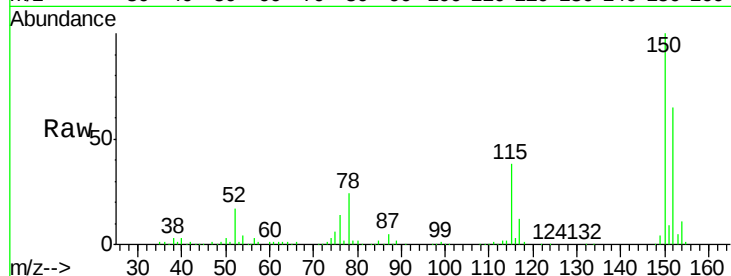


#1

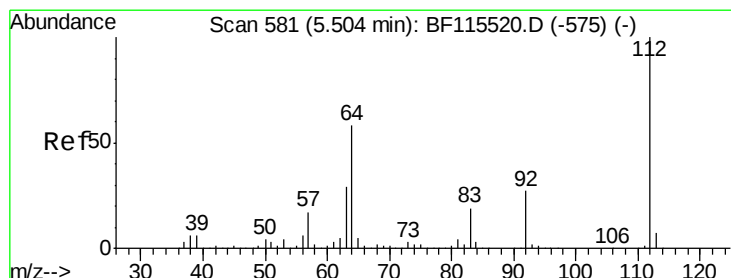
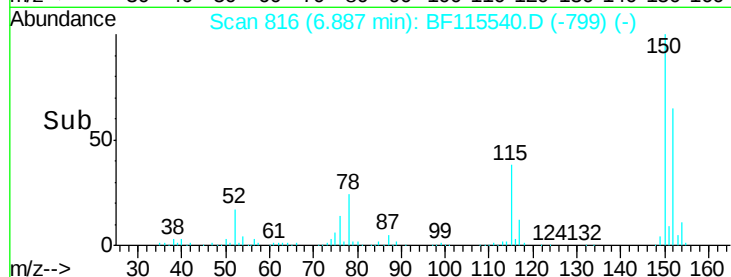
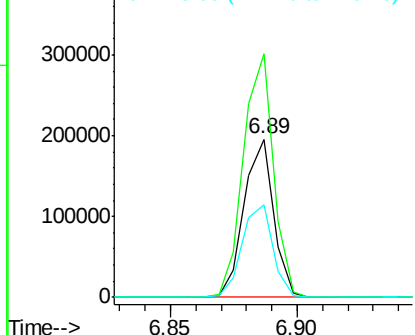
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115540.D
Acq: 12 Jul 2019 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158839
Ion Ratio Lower Upper
152 100
150 154.0 129.7 194.5
115 58.2 48.2 72.4



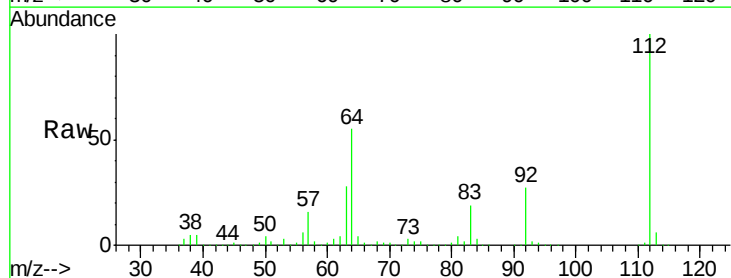
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



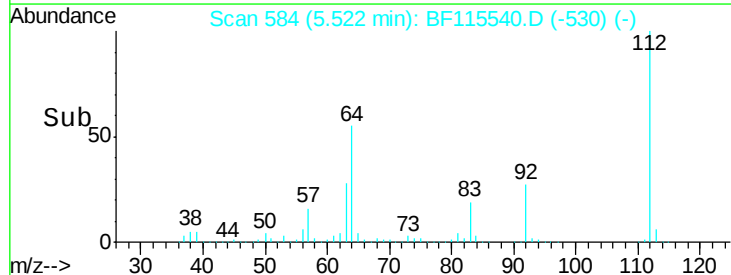
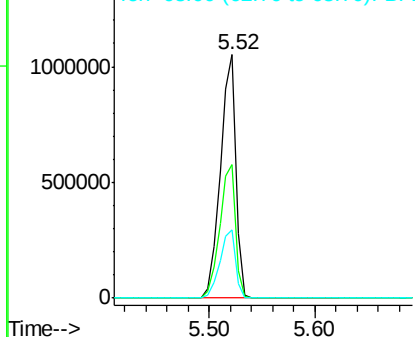
#5

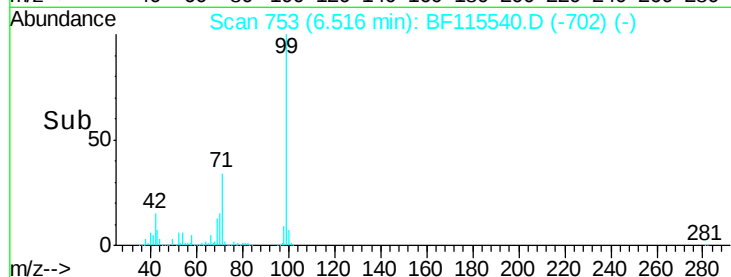
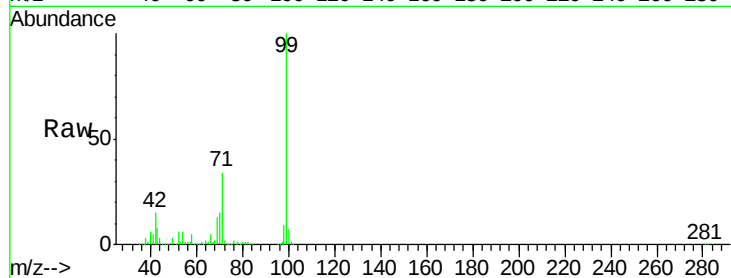
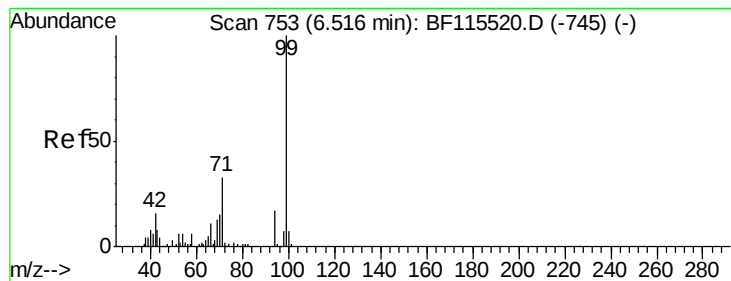
2-Fluorophenol
Concen: 111.919 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115540.D
Acq: 12 Jul 2019 21:32

Tgt Ion:112 Resp: 1086810
Ion Ratio Lower Upper
112 100
64 54.6 46.8 70.2
63 28.1 24.1 36.1



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: 100.350 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Instrument :

BNA_F

ClientSampleId :

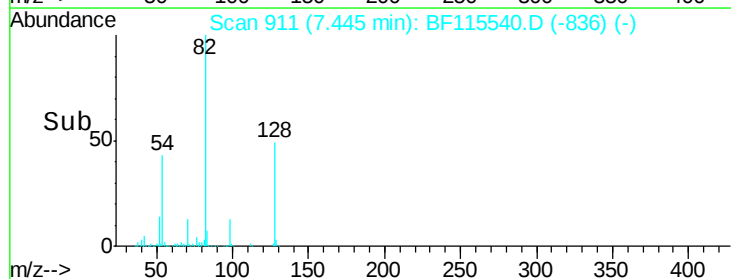
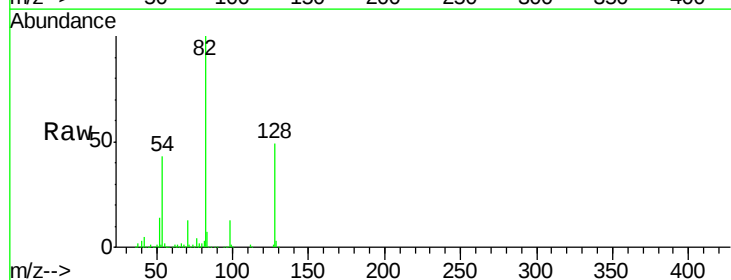
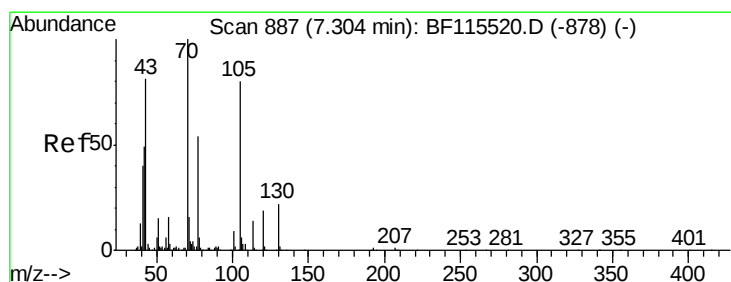
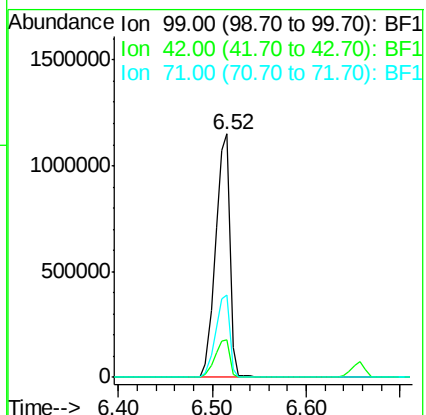
Tot Ion: 99 Resp: 1236489

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

71 33.6 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.200 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Tgt Ion: 70 Resp: 130186

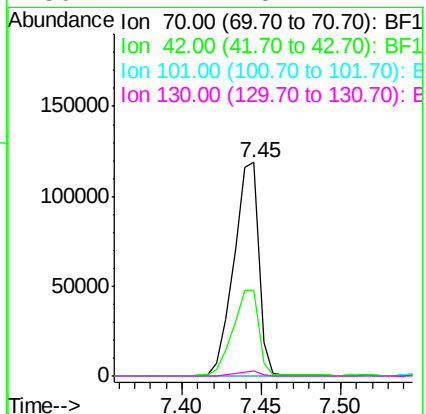
Ion Ratio Lower Upper

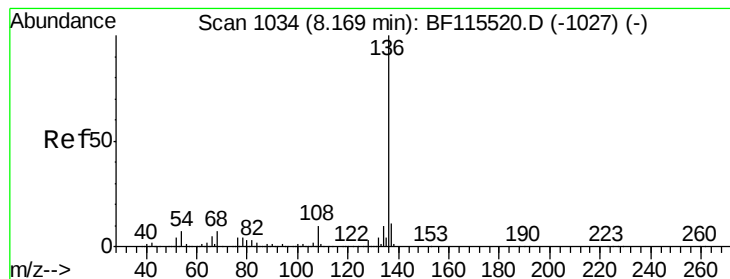
70 100

42 40.1 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 575557

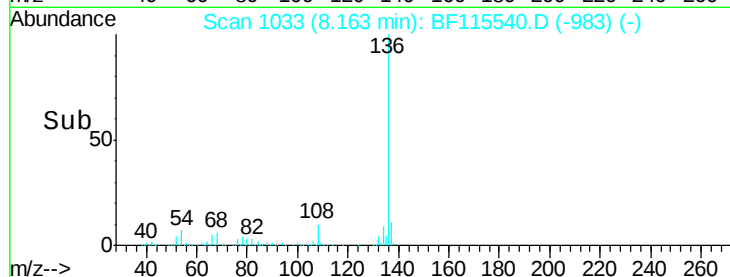
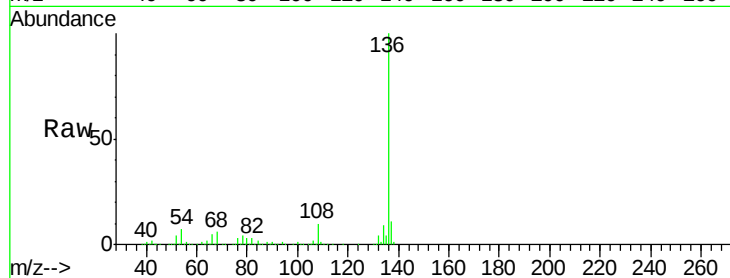
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.0 5.6 8.4

68 6.4 5.0 7.6

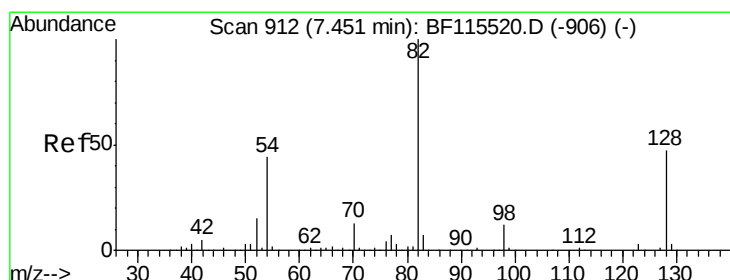
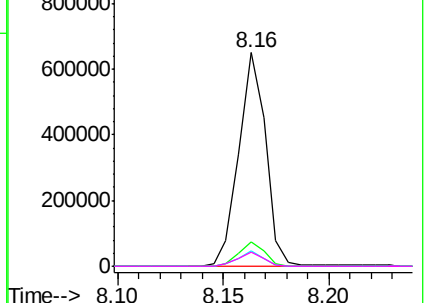


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.680 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

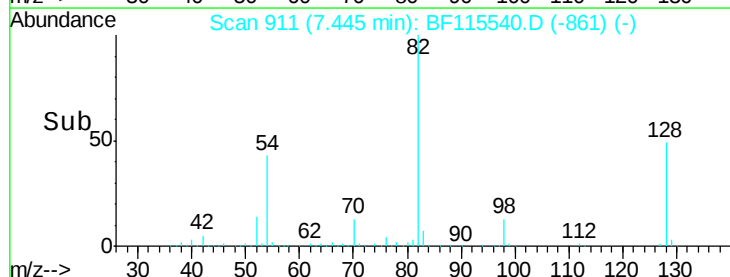
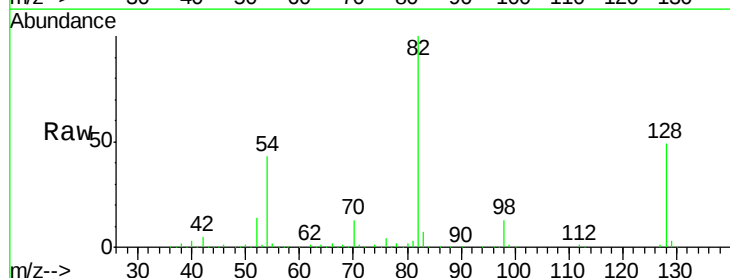
Tgt Ion: 82 Resp: 976770

Ion Ratio Lower Upper

82 100

128 49.1 38.6 57.8

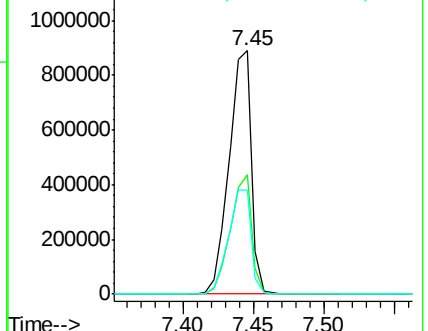
54 43.0 35.6 53.4

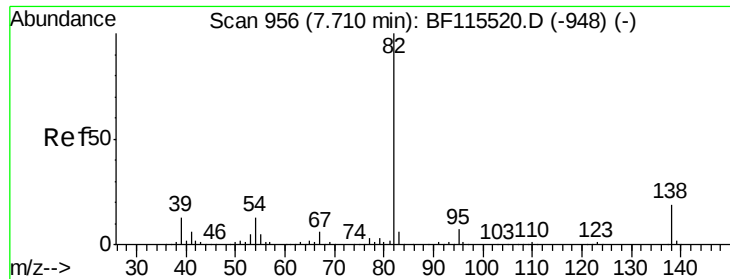


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.942 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Instrument :

BNA_F

ClientSampleId :

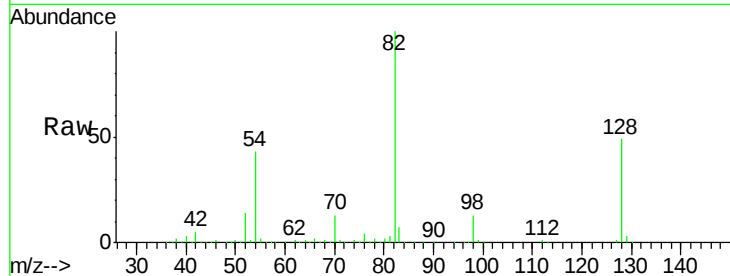
Tot Ion: 82 Resp: 969384

Ion Ratio Lower Upper

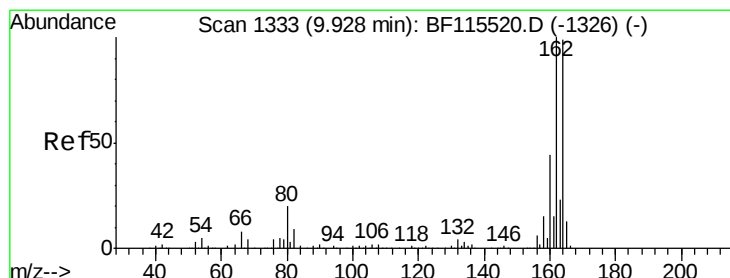
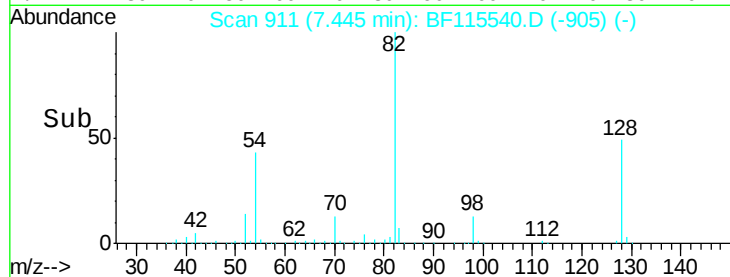
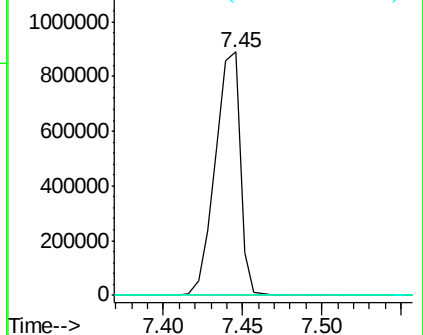
82 100

95 0.0 5.5 8.3#

138 0.0 14.9 22.3#



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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

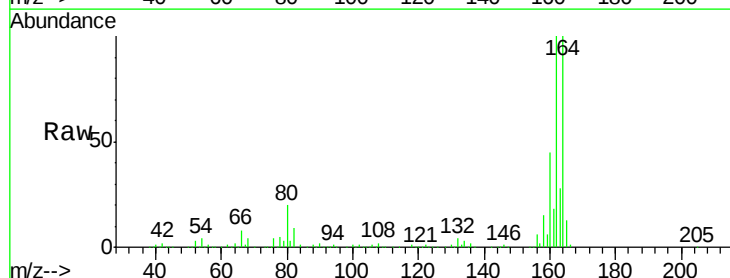
Tgt Ion:164 Resp: 261212

Ion Ratio Lower Upper

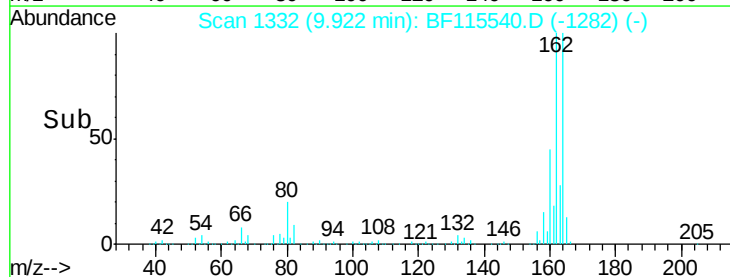
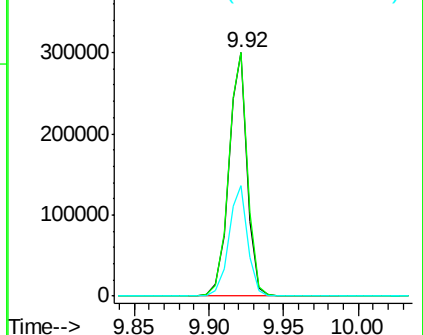
164 100

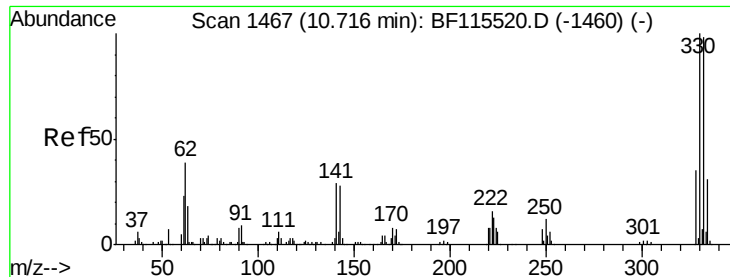
162 100.1 82.9 124.3

160 45.5 36.8 55.2



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: 118.855 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Instrument :

BNA_F

ClientSampled :

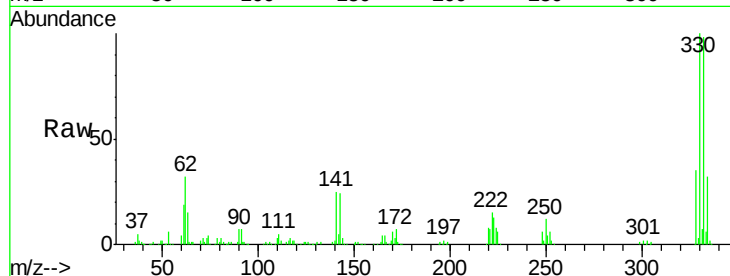
Tot Ion:330 Resp: 362385

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

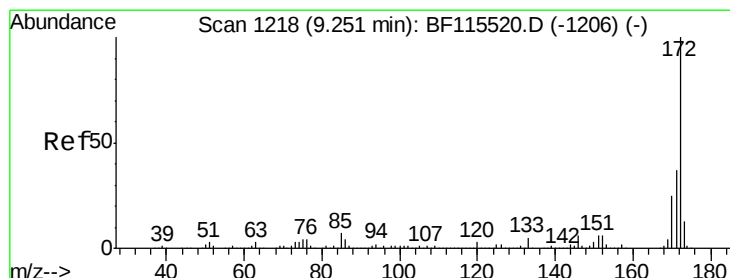
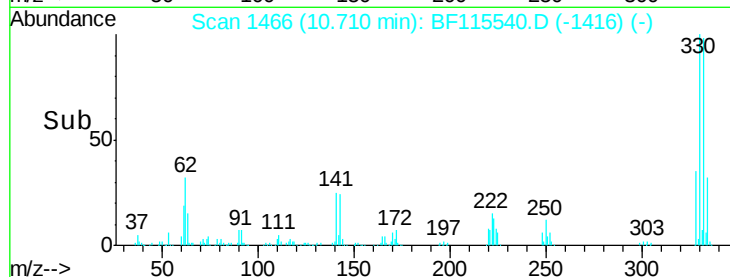
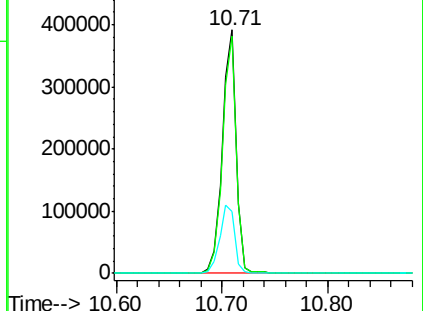
141 30.5 22.4 33.6



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: 112.469 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

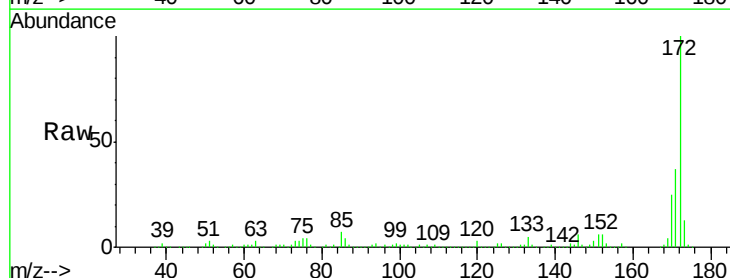
Tgt Ion:172 Resp: 1678480

Ion Ratio Lower Upper

172 100

171 37.3 30.6 46.0

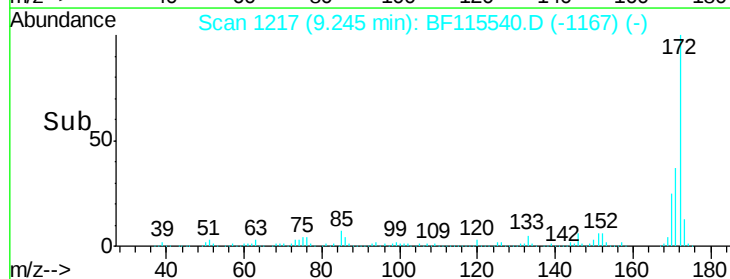
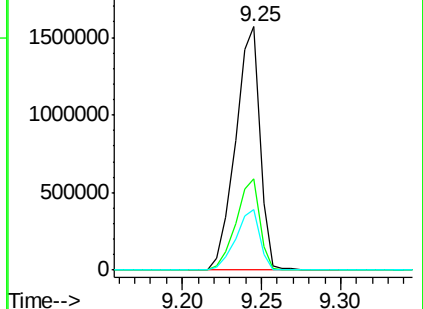
170 25.0 20.5 30.7

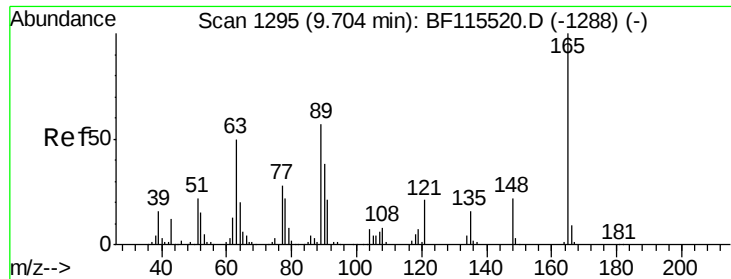


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.382 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Instrument :

BNA_F

ClientSampleId :

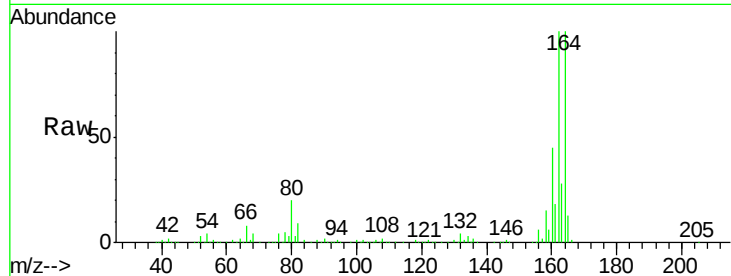
Tot Ion:165 Resp: 32968

Ion Ratio Lower Upper

165 100

63 1.5 40.6 61.0#

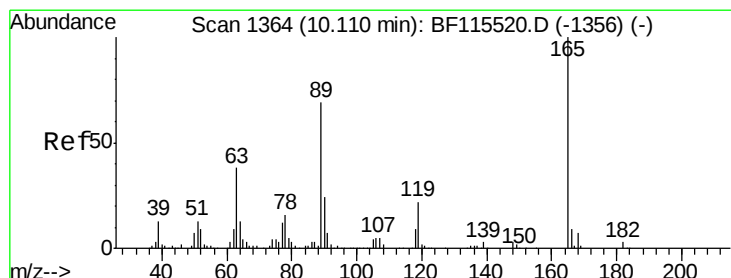
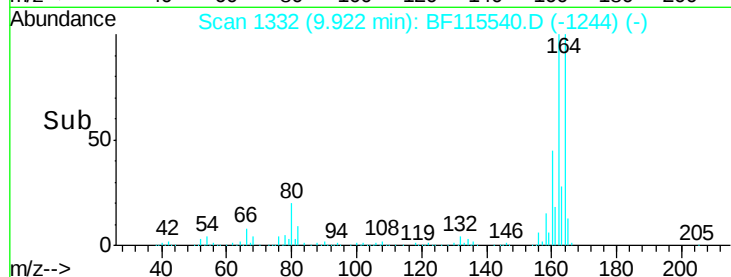
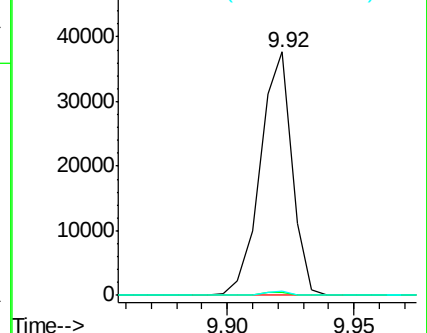
89 1.5 43.9 65.9#



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



#57

2,4-Dinitrotoluene

Concen: 5.698 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Tgt Ion:165 Resp: 32968

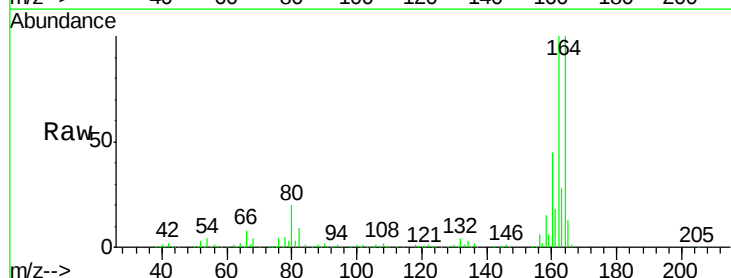
Ion Ratio Lower Upper

165 100

63 1.5 34.9 52.3#

89 1.5 57.5 86.3#

182 0.0 2.2 3.4#

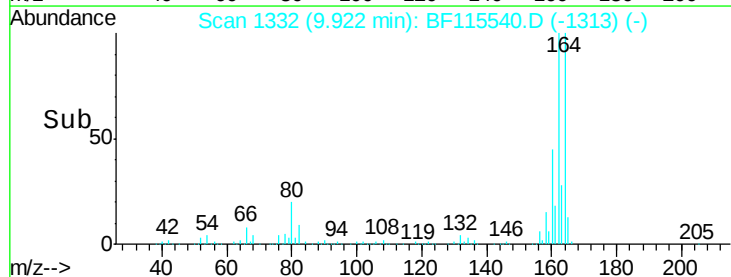
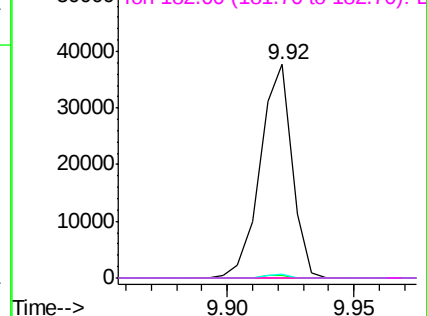


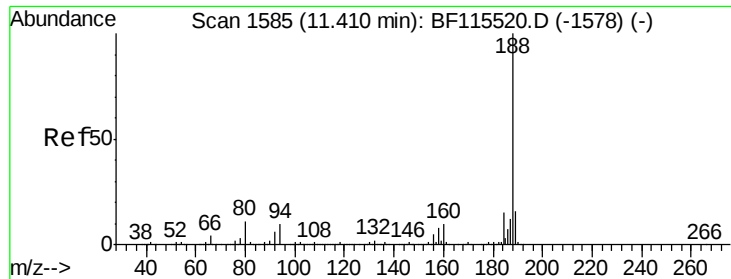
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Instrument :

BNA_F

ClientSampleId :

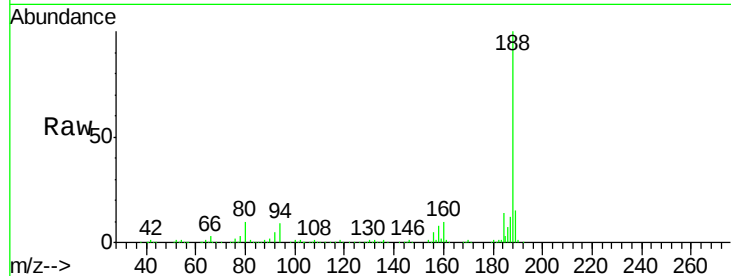
Tot Ion:188 Resp: 415320

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

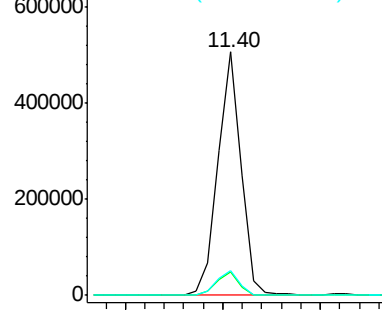
80 10.2 8.6 13.0



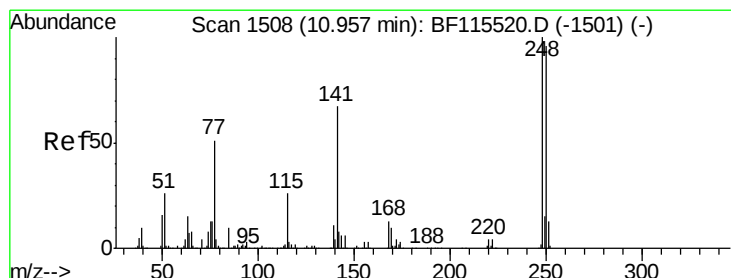
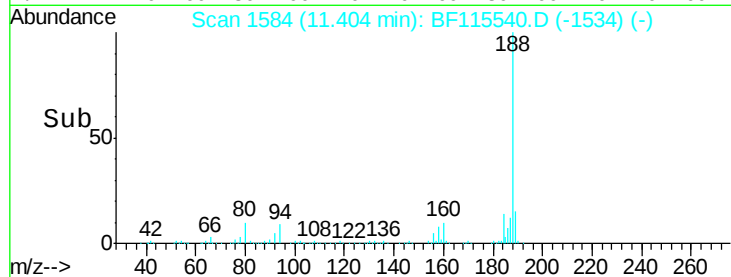
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.749 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.25 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

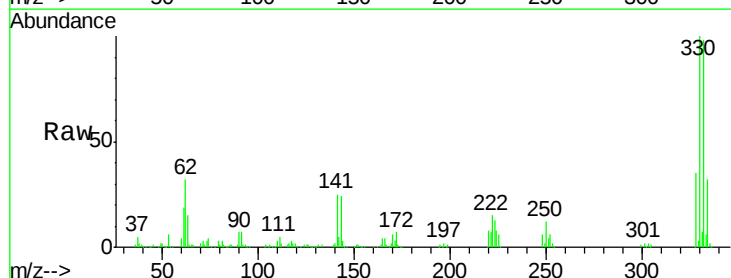
Tgt Ion:248 Resp: 22540

Ion Ratio Lower Upper

248 100

250 189.5 78.0 117.0#

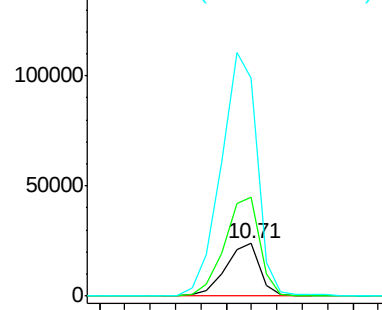
141 416.4 57.7 86.5#



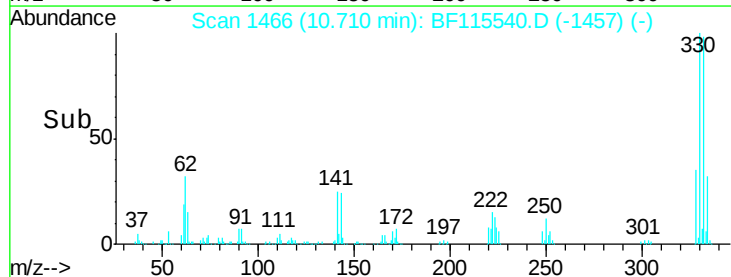
Abundance Ion 248.00 (247.70 to 248.70): E

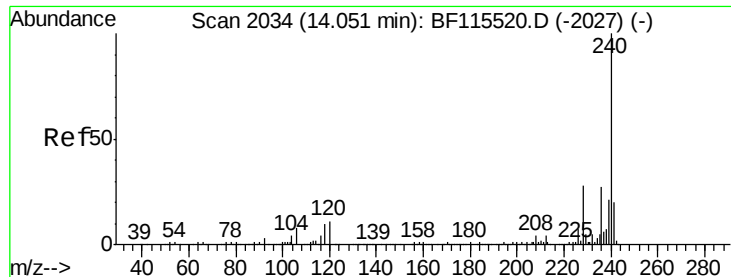
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Instrument :

BNA_F

ClientSampleId :

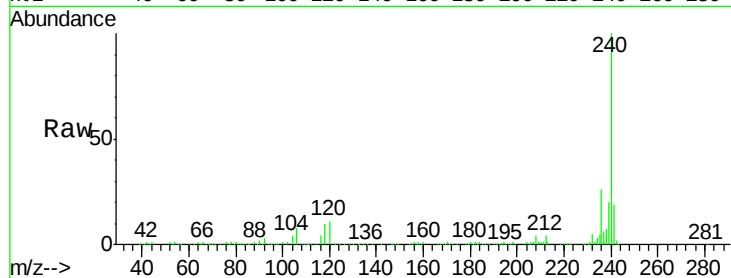
Tot Ion:240 Resp: 313235

Ion Ratio Lower Upper

240 100

120 11.3 8.6 13.0

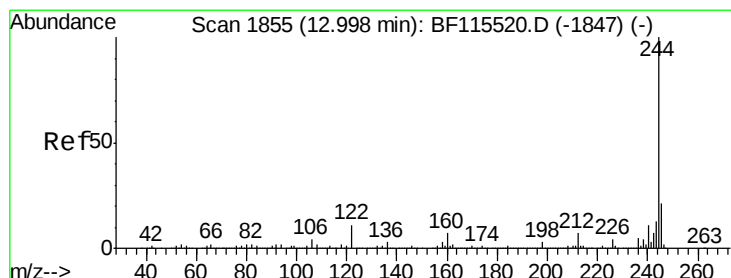
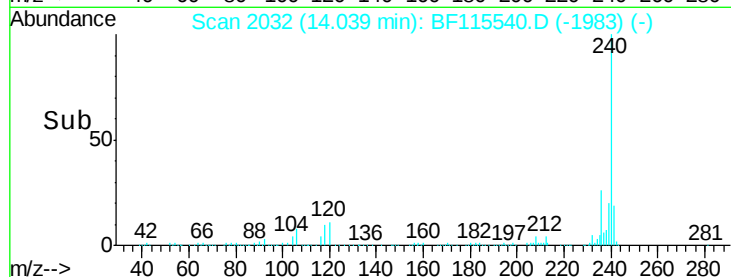
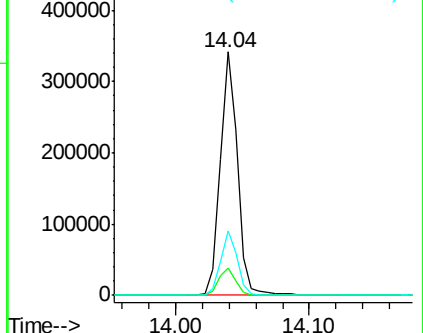
236 26.4 21.3 31.9



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



#79

Terphenyl-d14

Concen: 84.791 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

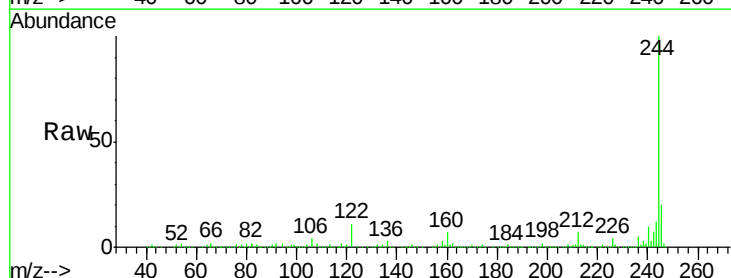
Tgt Ion:244 Resp: 1439408

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

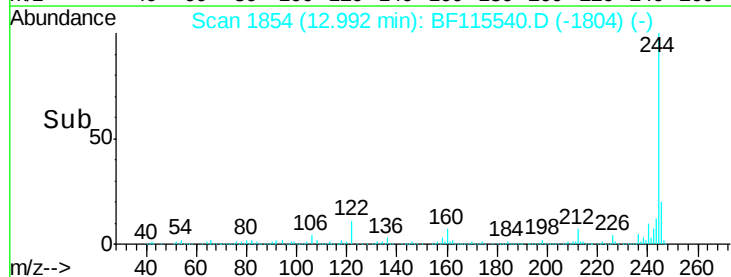
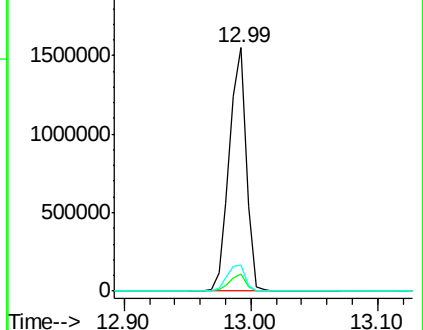
122 10.9 8.6 12.8

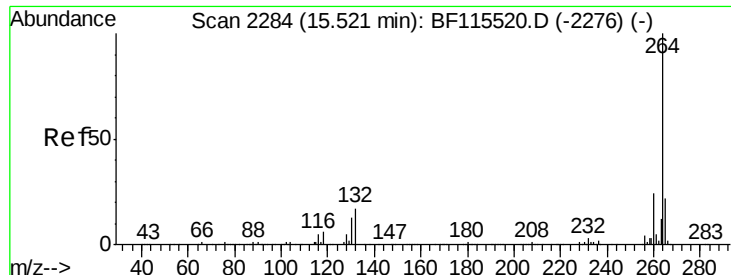


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

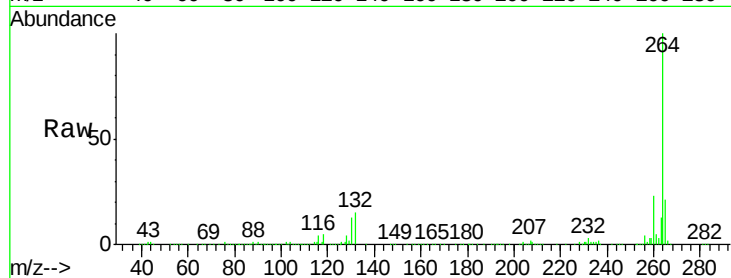




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115540.D
Acq: 12 Jul 2019 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.8
265	21.1	17.7	26.5



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

