

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115544.D
 Acq On : 12 Jul 2019 23:22
 Operator : HP/JU
 Sample : K3768-25
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 03:42:08 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

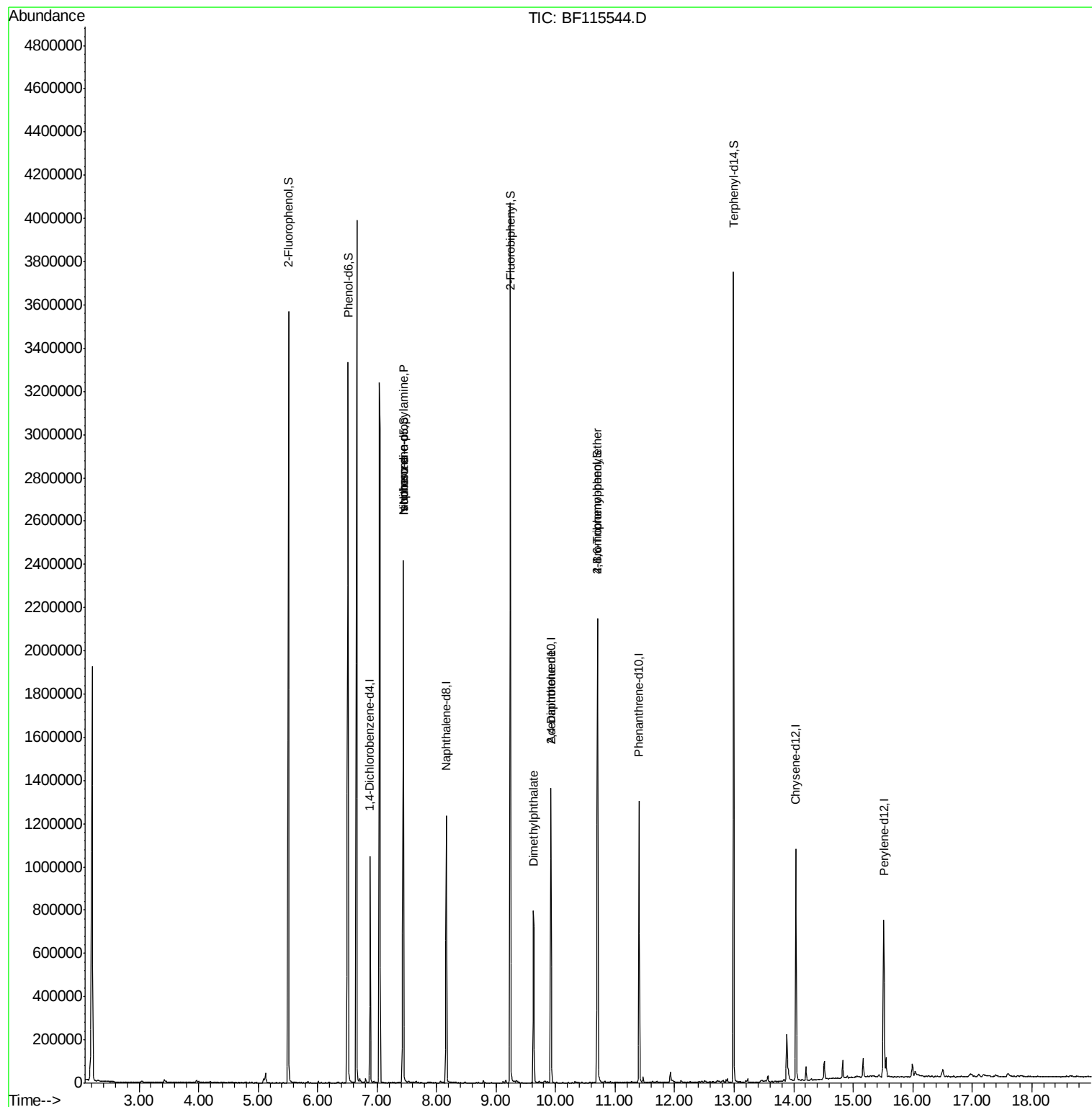
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	151448	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	572629	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	266537	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	449980	20.00	ng	0.00
76) Chrysene-d12	14.04	240	342814	20.00	ng	-0.01
87) Perylene-d12	15.52	264	369492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1122187	121.20	ng	0.00
7) Phenol-d6	6.51	99	1455623	123.90	ng	0.00
23) Nitrobenzene-d5	7.44	82	925808	94.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	290233	93.29	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1391603	91.38	ng	-0.01
79) Terphenyl-d14	12.99	244	1273007	68.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	123032	16.057	ng	# 78
25) Isophorone	7.44	82	916701	46.519	ng	# 64
50) Dimethylphthalate	9.63	163	346202	17.264	ng	99
57) 2,4-Dinitrotoluene	9.92	165	33817	5.728	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	17517	3.407	ng	# 1

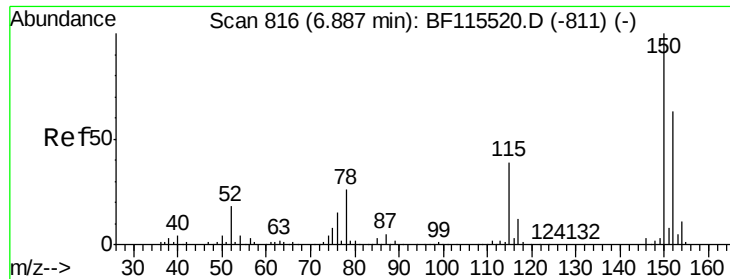
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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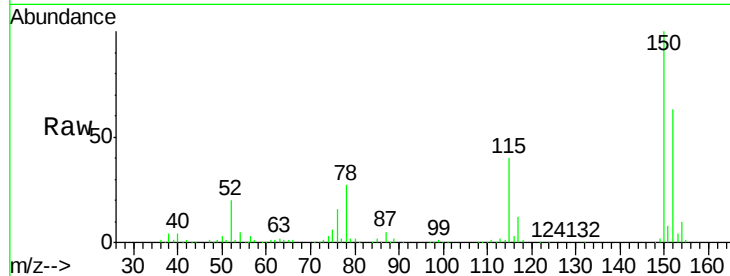


#1

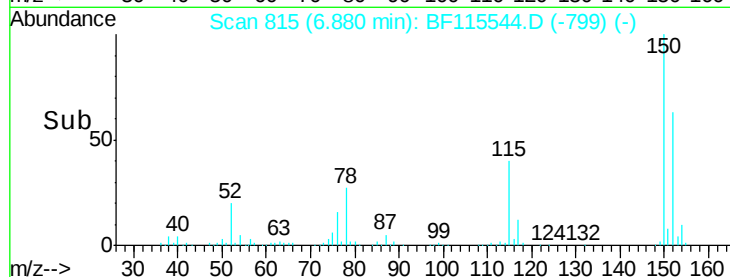
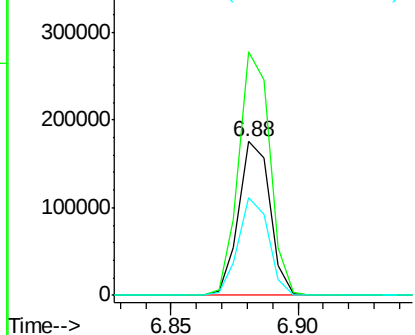
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115544.D
Acq: 12 Jul 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151448
Ion Ratio Lower Upper
152 100
150 158.5 129.7 194.5
115 64.0 48.2 72.4



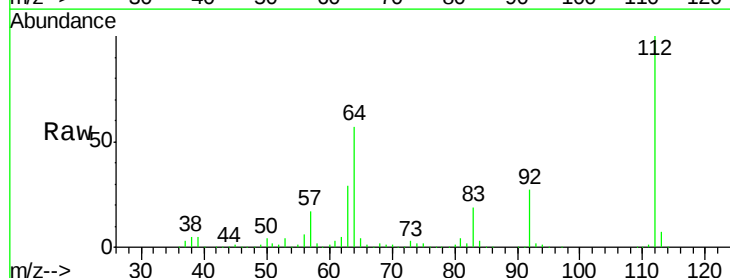
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



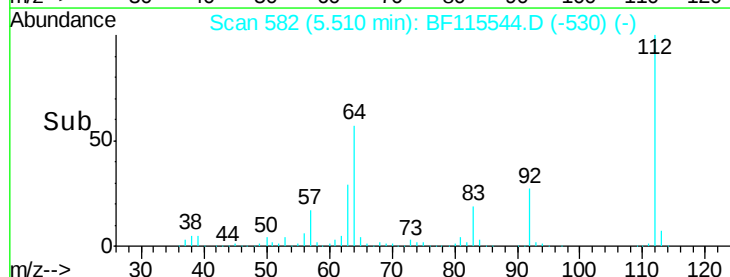
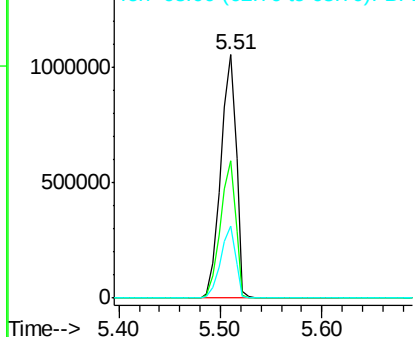
#5

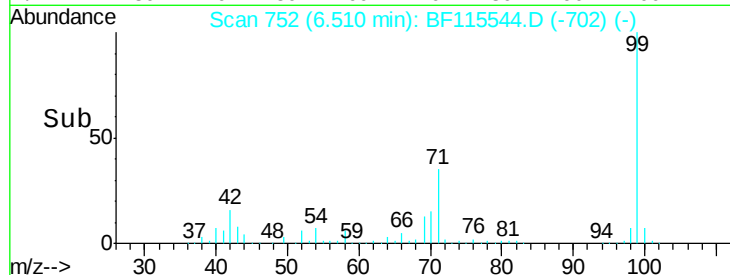
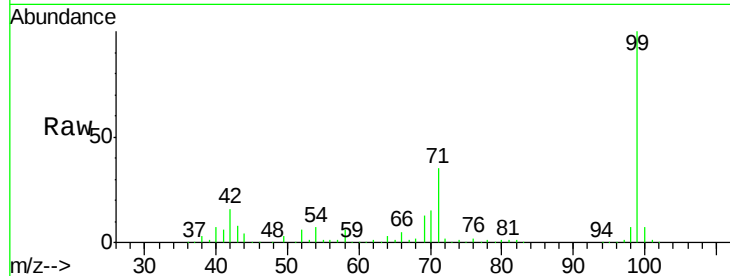
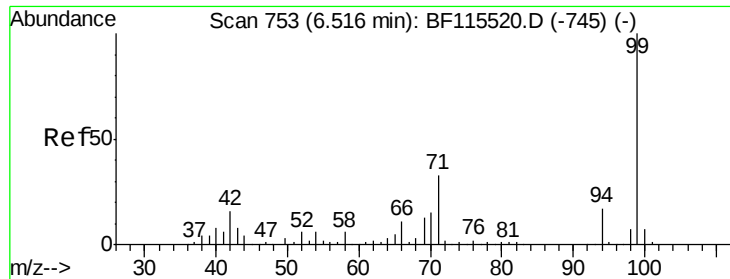
2-Fluorophenol
Concen: 121.201 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115544.D
Acq: 12 Jul 2019 23:22

Tgt Ion:112 Resp: 1122187
Ion Ratio Lower Upper
112 100
64 56.7 46.8 70.2
63 29.4 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: 123.900 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115544.D

Acq: 12 Jul 2019 23:22

Instrument :

BNA_F

ClientSampleId :

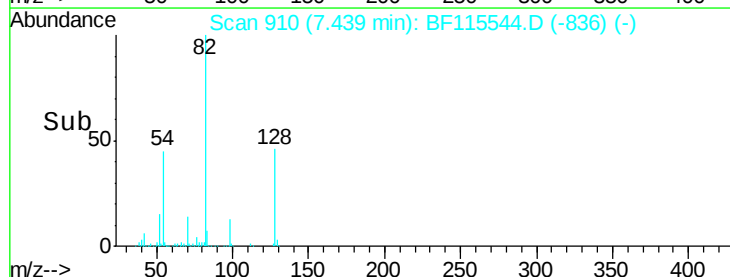
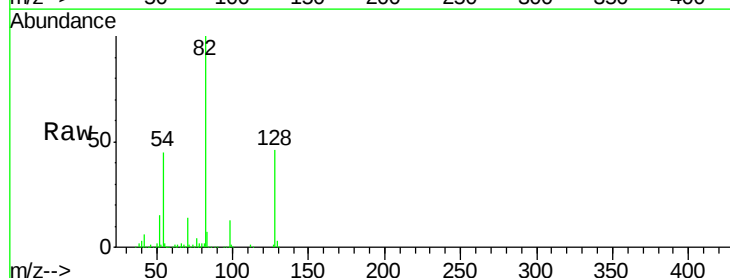
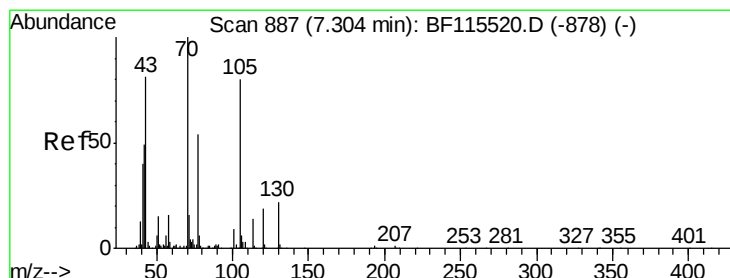
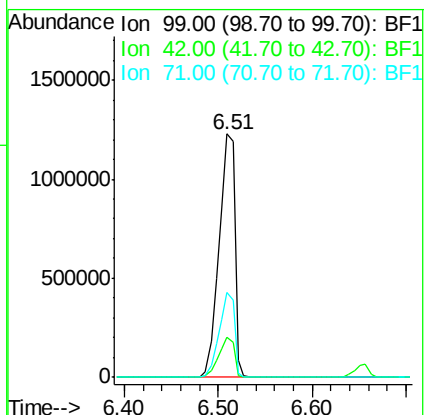
Tot Ion: 99 Resp: 1455623

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

71 34.9 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.057 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115544.D

Acq: 12 Jul 2019 23:22

Tgt Ion: 70 Resp: 123032

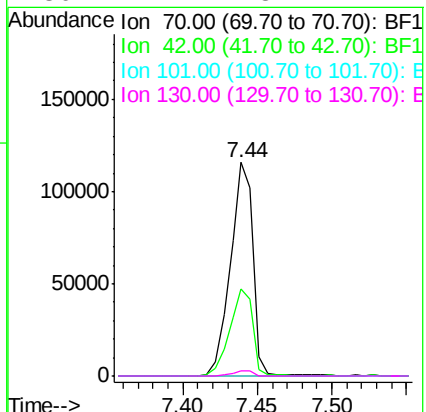
Ion Ratio Lower Upper

70 100

42 41.0 39.6 59.4

101 0.0 8.1 12.1#

130 2.4 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: BF115544.D

Acq: 12 Jul 2019 23:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 572629

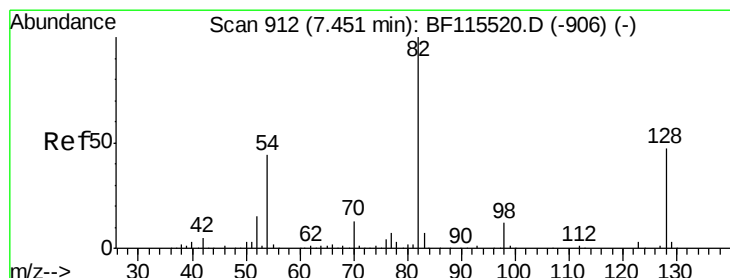
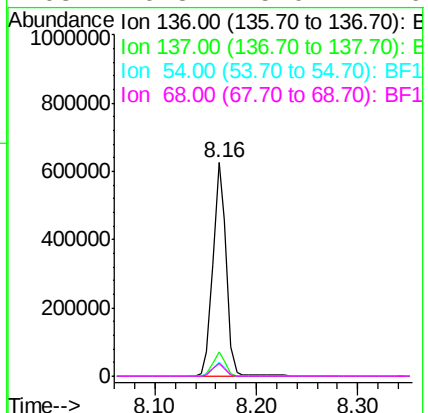
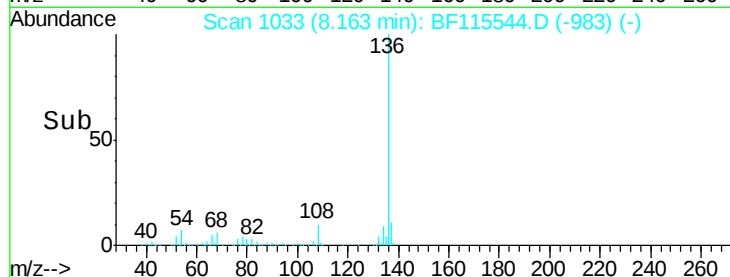
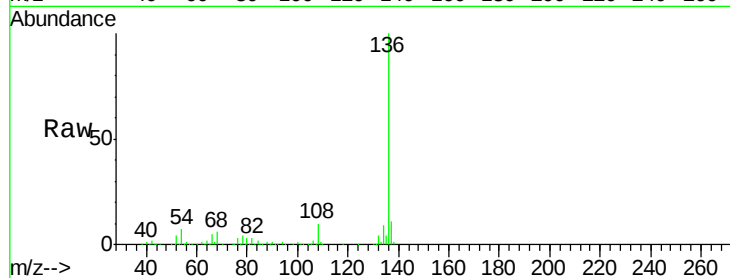
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.9 5.6 8.4

68 6.3 5.0 7.6



#23

Nitrobenzene-d5

Concen: 94.010 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115544.D

Acq: 12 Jul 2019 23:22

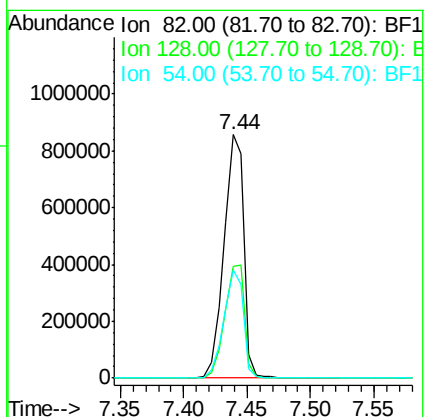
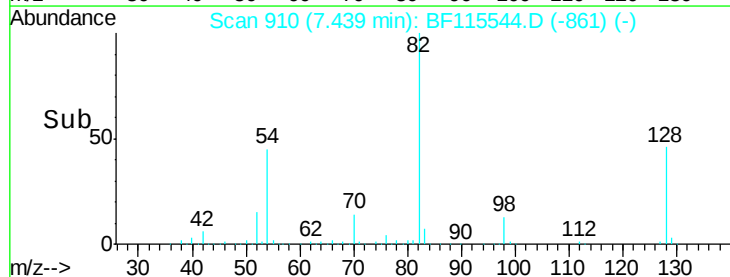
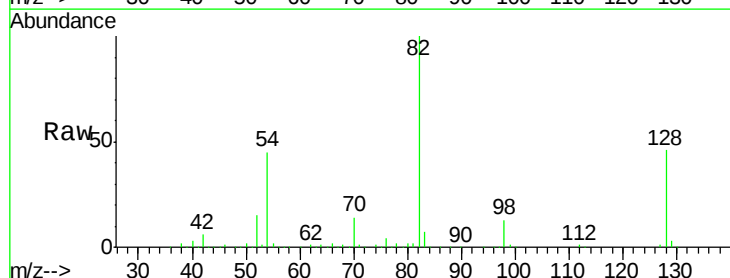
Tgt Ion: 82 Resp: 925808

Ion Ratio Lower Upper

82 100

128 46.0 38.6 57.8

54 44.6 35.6 53.4





#25

Isophorone

Concen: 46.519 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115544.D

Acq: 12 Jul 2019 23:22

Instrument :

BNA_F

ClientSampled :

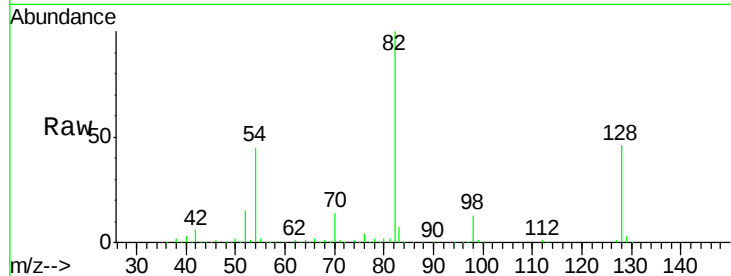
Tot Ion: 82 Resp: 916701

Ion Ratio Lower Upper

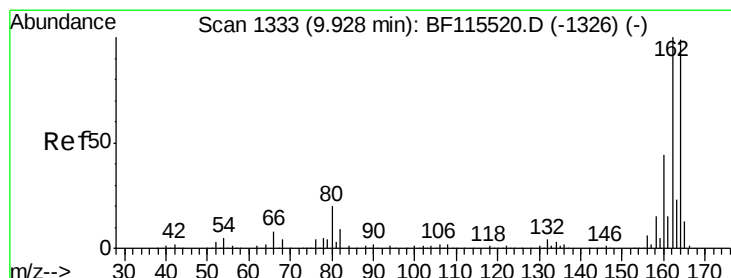
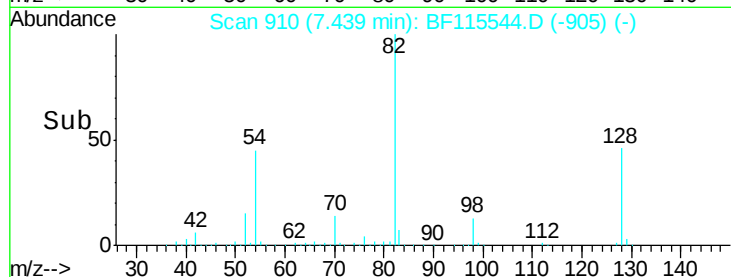
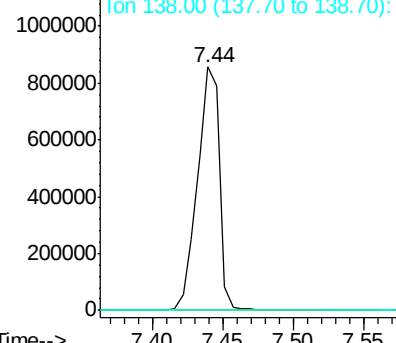
82 100

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: BF115544.D

Acq: 12 Jul 2019 23:22

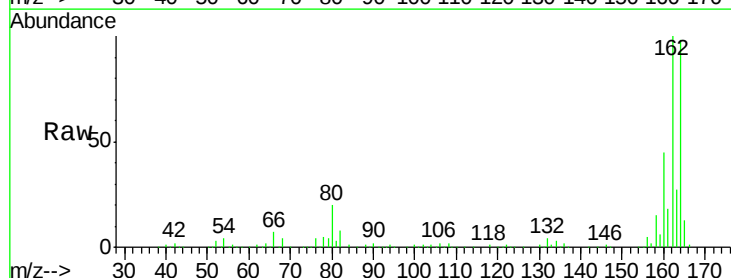
Tgt Ion: 164 Resp: 266537

Ion Ratio Lower Upper

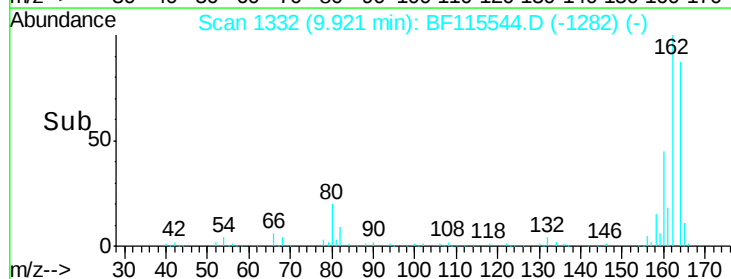
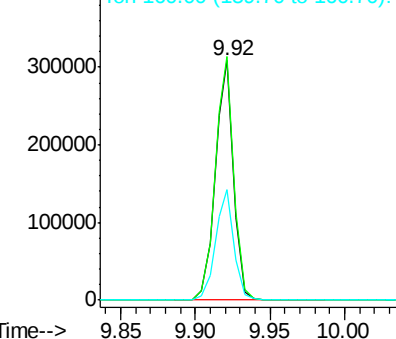
164 100

162 101.7 82.9 124.3

160 45.9 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

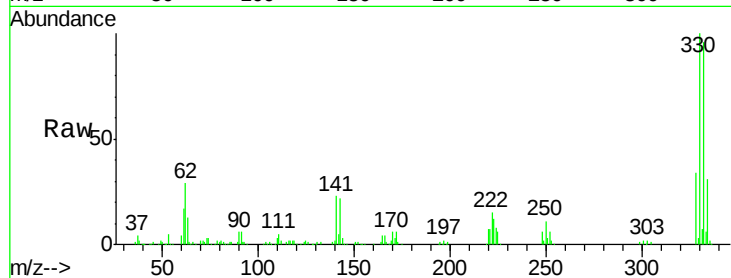




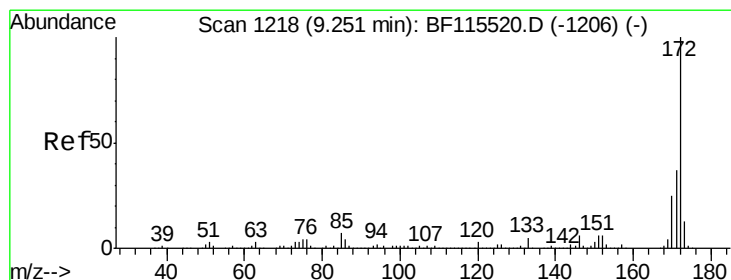
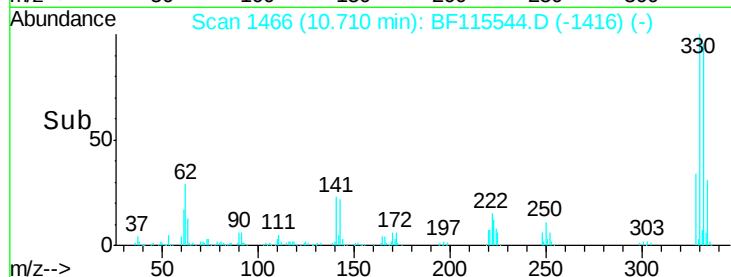
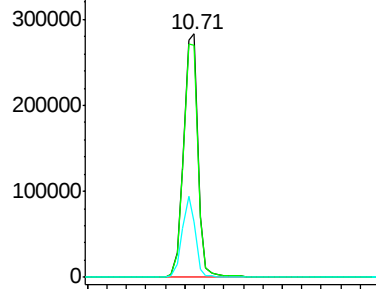
#42
 2,4,6-Tribromophenol
 Concen: 93.289 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115544.D
 Acq: 12 Jul 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 290233
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 30.8 22.4 33.6

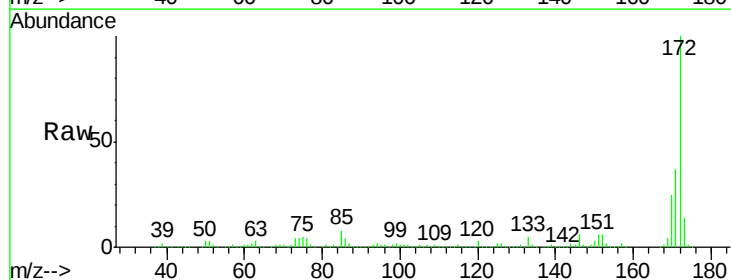


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

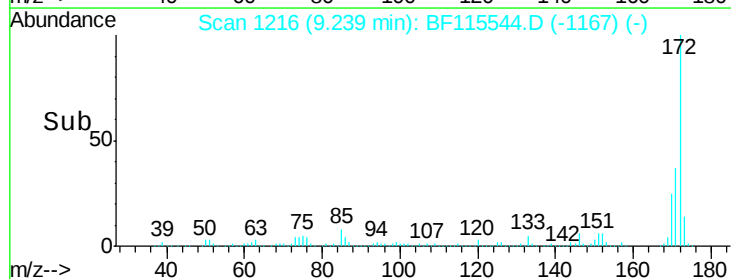
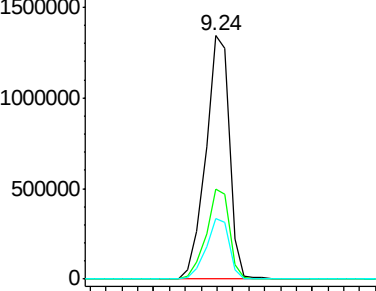


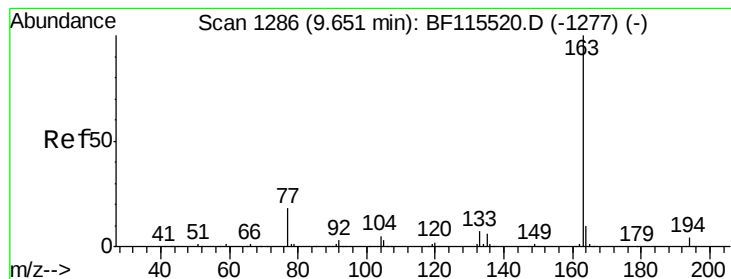
#45
 2-Fluorobiphenyl
 Concen: 91.383 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115544.D
 Acq: 12 Jul 2019 23:22

Tgt Ion:172 Resp: 1391603
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 46.0
 170 24.9 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





#50

Dimethylphthalate

Concen: 17.264 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115544.D

Acq: 12 Jul 2019 23:22

Instrument :

BNA_F

ClientSampled :

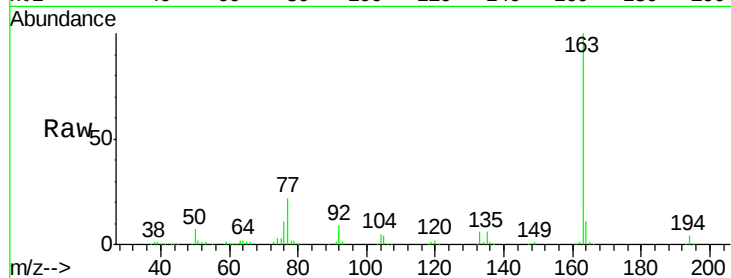
Tot Ion:163 Resp: 346202

Ion Ratio Lower Upper

163 100

194 3.5 3.3 4.9

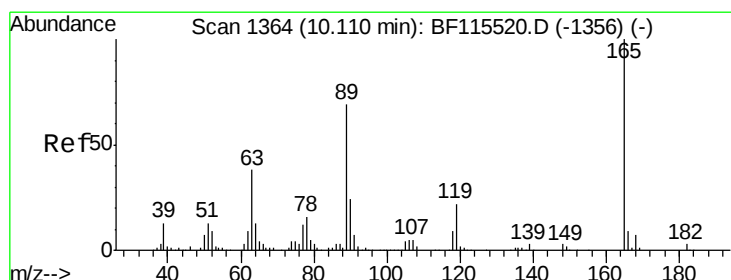
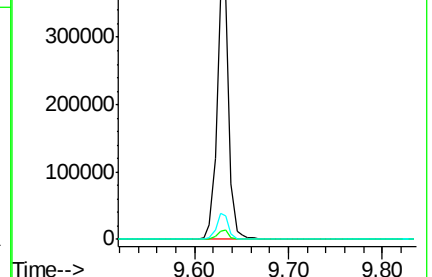
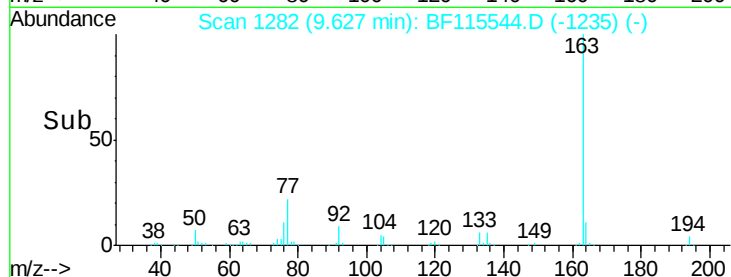
164 10.6 8.7 13.1



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: 5.728 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF115544.D

Acq: 12 Jul 2019 23:22

Tgt Ion:165 Resp: 33817

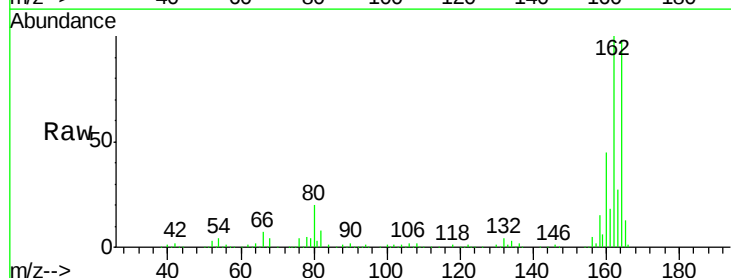
Ion Ratio Lower Upper

165 100

63 1.5 34.9 52.3#

89 1.3 57.5 86.3#

182 0.0 2.2 3.4#

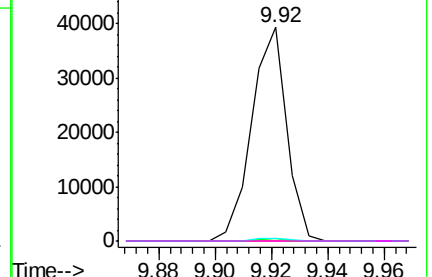
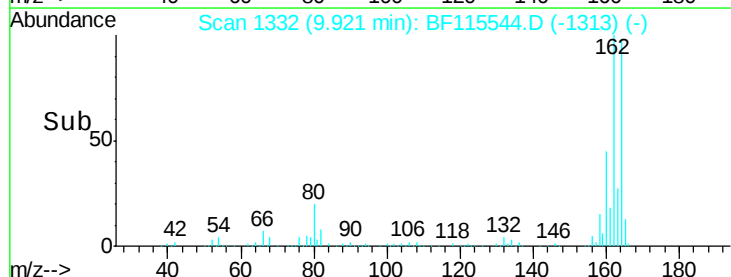


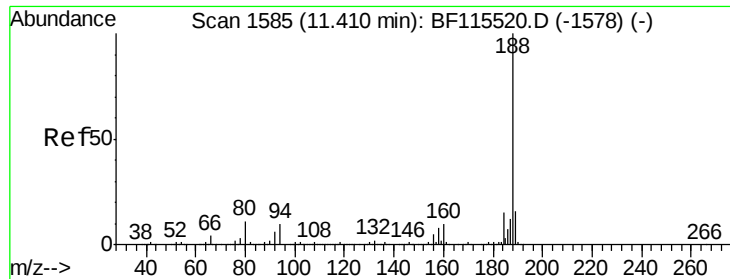
Abundance Ion 165.00 (164.70 to 165.70): E

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

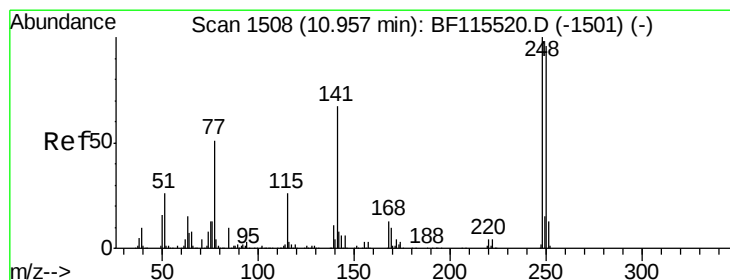
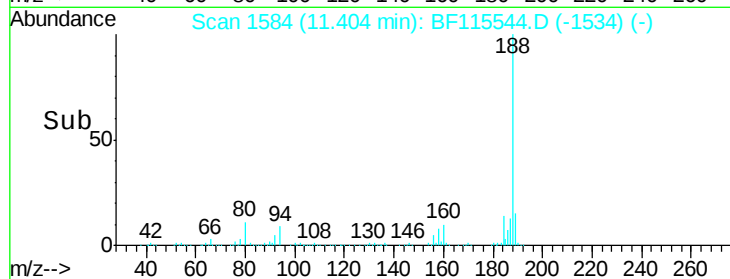
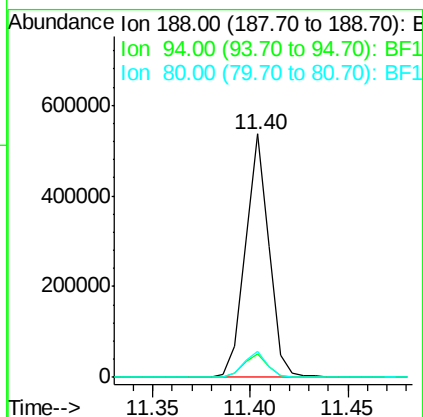
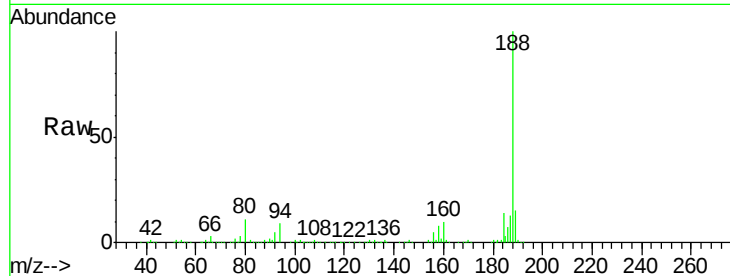




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115544.D
Acq: 12 Jul 2019 23:22

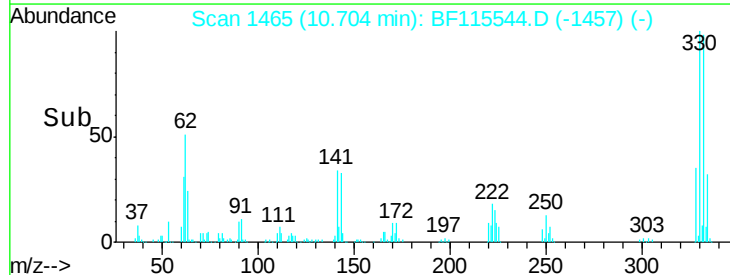
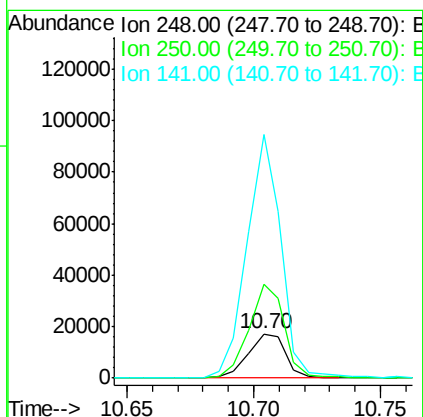
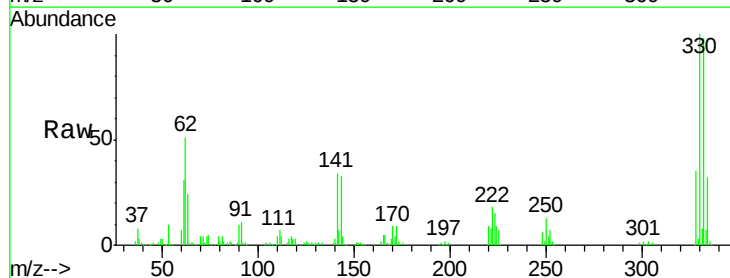
Instrument :
BNA_F
ClientSampleId :

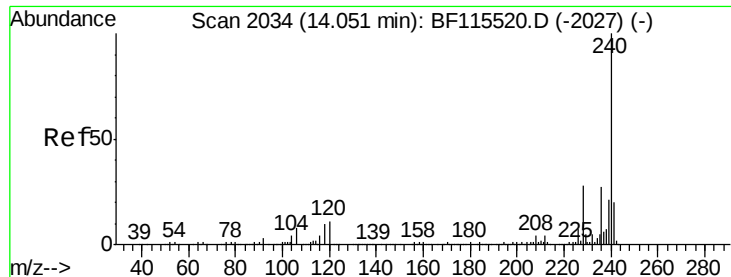
Tot Ion:188 Resp: 449980
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.6 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 3.407 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115544.D
Acq: 12 Jul 2019 23:22

Tgt Ion:248 Resp: 17517
Ion Ratio Lower Upper
248 100
250 211.4 78.0 117.0#
141 547.1 57.7 86.5#

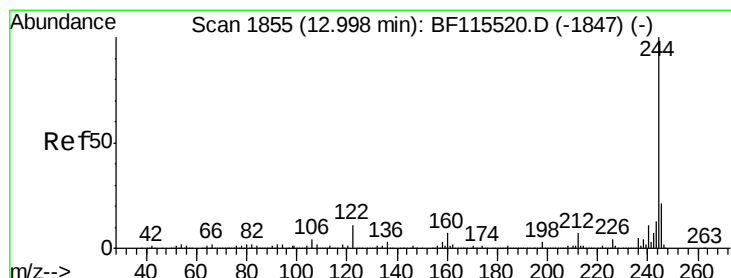
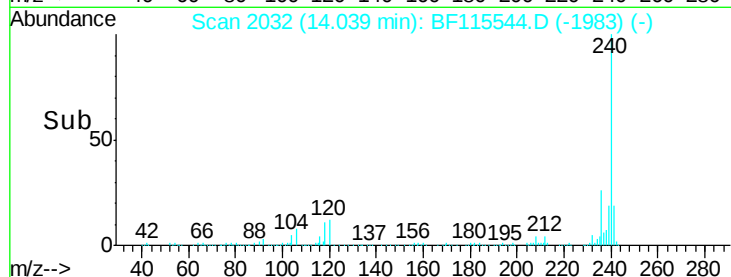
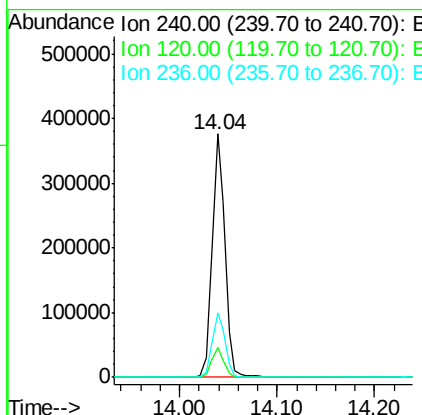
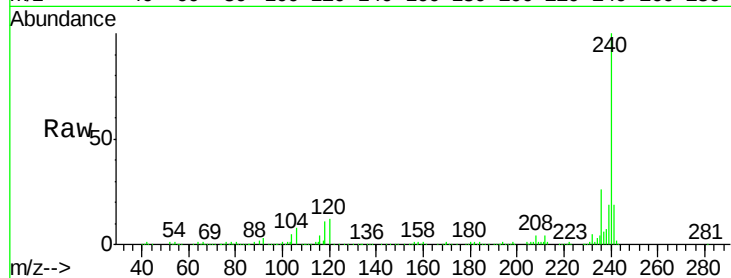




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115544.D
 Acq: 12 Jul 2019 23:22

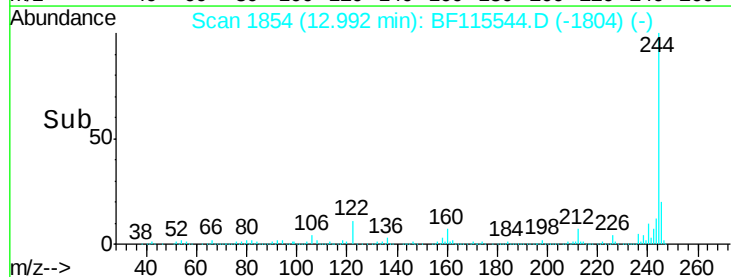
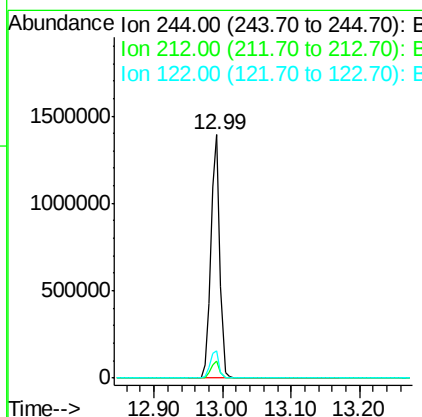
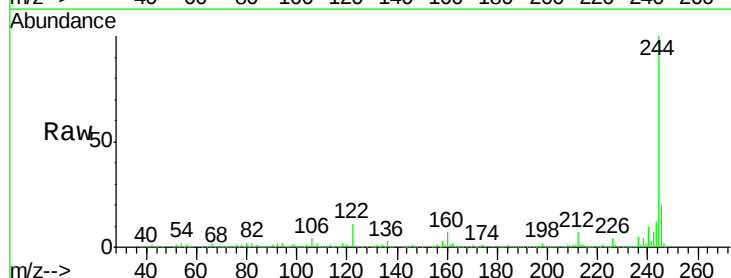
Instrument :
 BNA_F
 ClientSampleId :

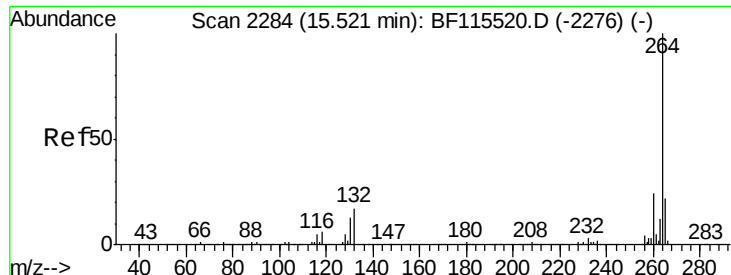
Tot Ion:240 Resp: 342814
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.6 13.0
 236 26.4 21.3 31.9



#79
 Terphenyl-d14
 Concen: 68.519 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115544.D
 Acq: 12 Jul 2019 23:22

Tgt Ion:244 Resp: 1273007
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 11.0 8.6 12.8

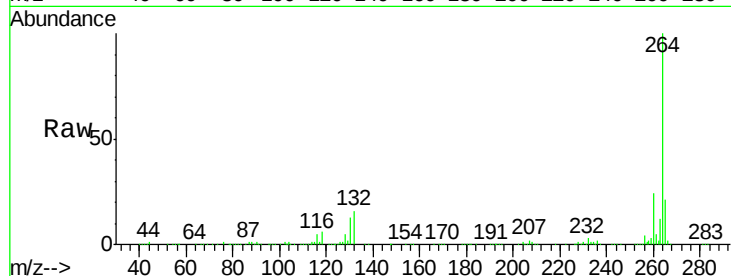




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115544.D
 Acq: 12 Jul 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	20.7	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

