

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115704.D
 Acq On : 22 Jul 2019 12:52
 Operator : HP/JU
 Sample : PB121540BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:14:12 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

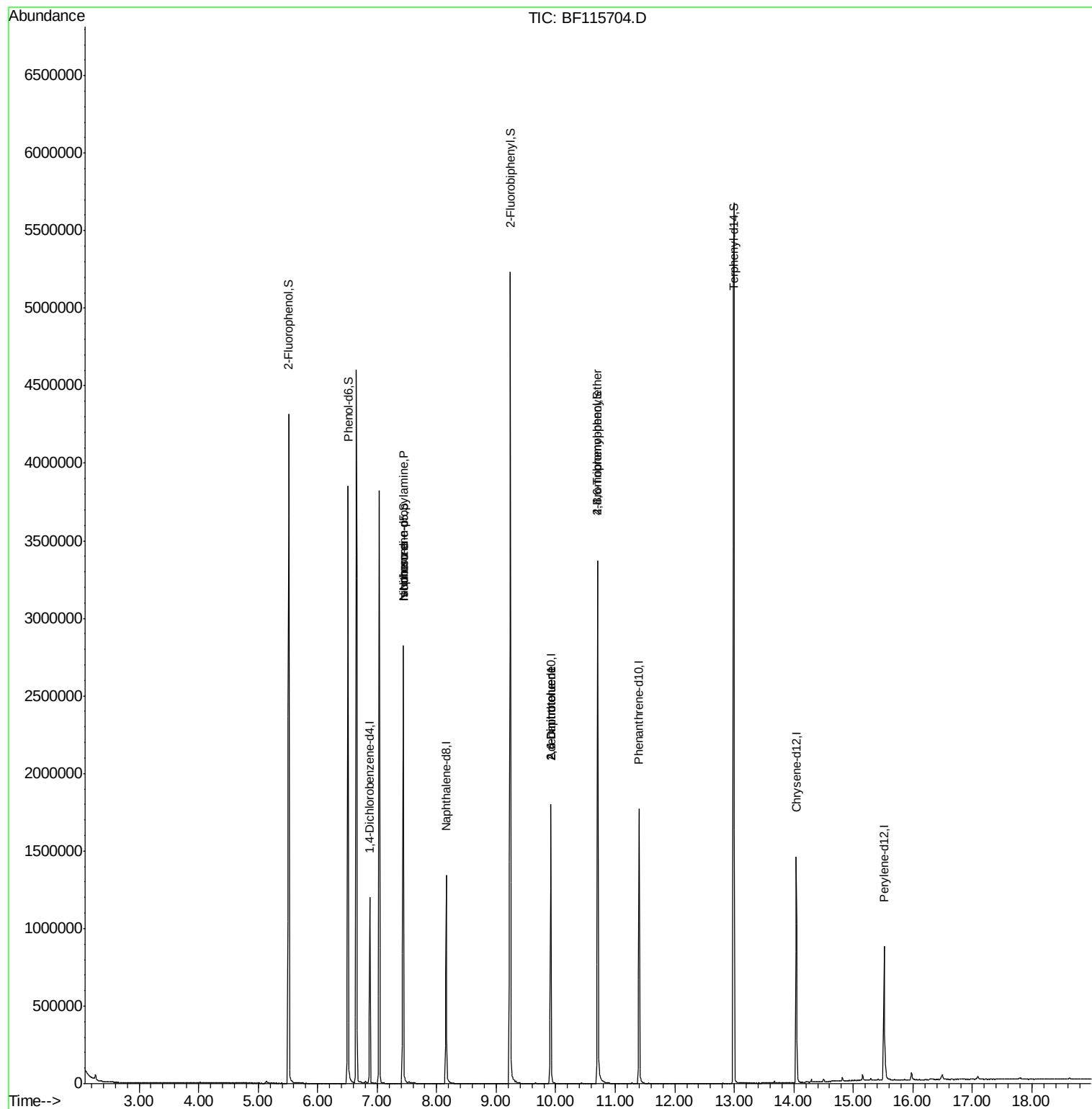
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	182675	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	703348	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	379690	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	684752	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	500586	20.00	ng	-0.01
87) Perylene-d12	15.52	264	456686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1350810	120.95	ng	0.01
7) Phenol-d6	6.51	99	1786791	126.09	ng	0.00
23) Nitrobenzene-d5	7.44	82	1148485	94.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	518130	116.91	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2043951	94.22	ng	-0.01
79) Terphenyl-d14	12.99	244	2277635	83.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	154015	16.665	ng	# 78
25) Isophorone	7.44	82	1129187	46.652	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	48364	7.450	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	48364	5.750	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	31074	3.971	ng	# 1

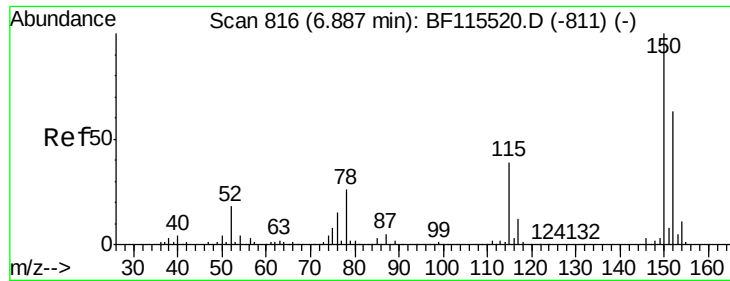
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 23 01:14:12 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



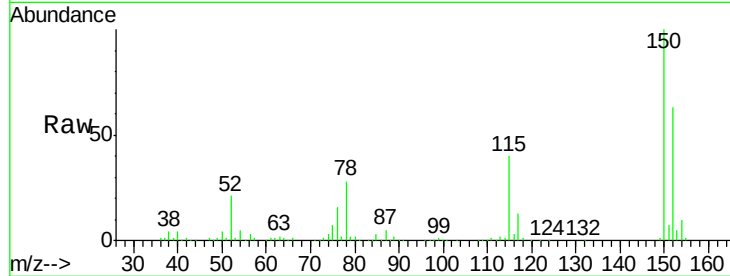


#1

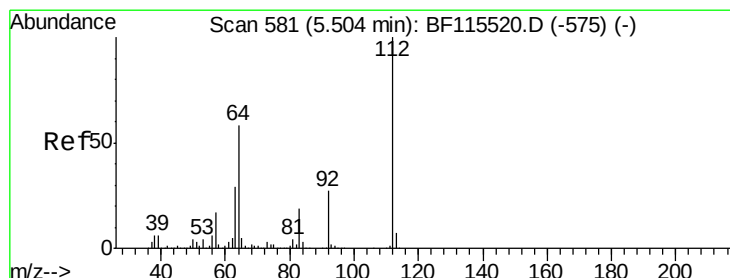
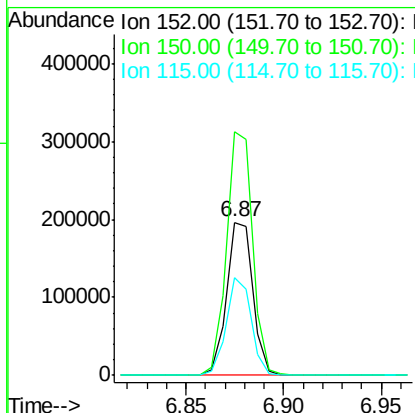
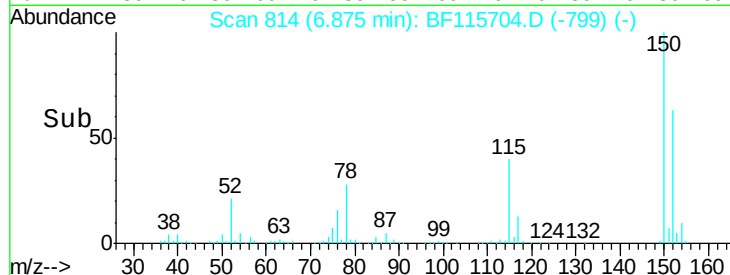
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115704.D
Acq: 22 Jul 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 182675
Ion Ratio Lower Upper
152 100
150 159.0 129.7 194.5
115 63.6 48.2 72.4



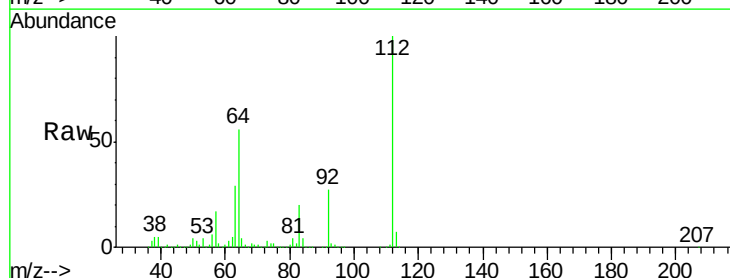
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



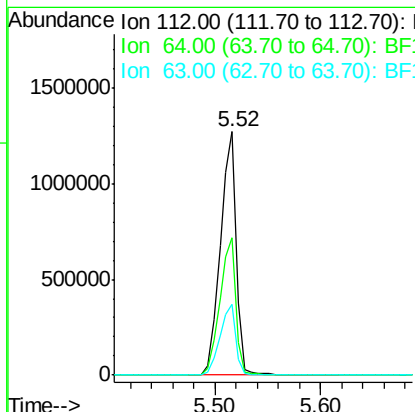
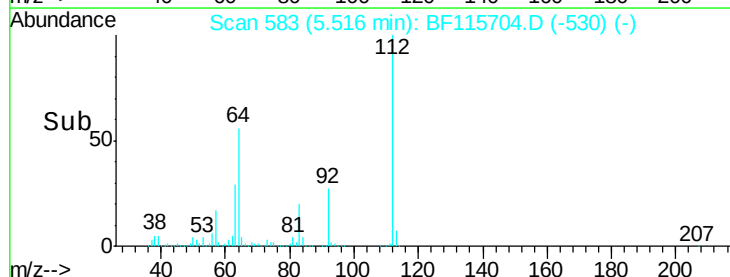
#5

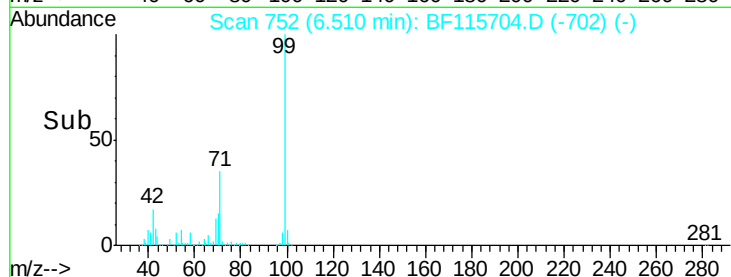
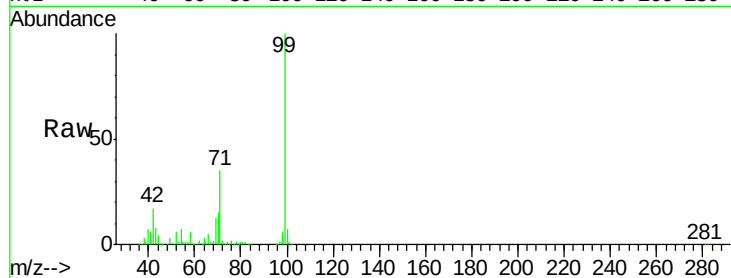
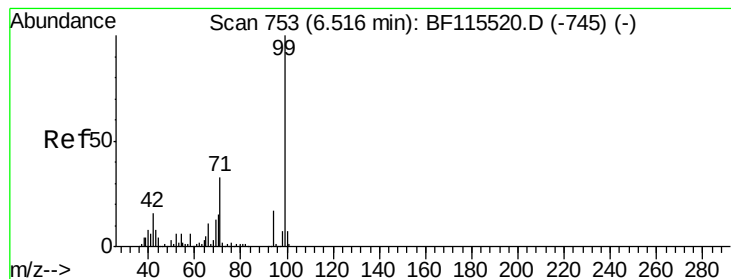
2-Fluorophenol
Concen: 120.954 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115704.D
Acq: 22 Jul 2019 12:52

Tgt Ion:112 Resp: 1350810
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 29.1 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: 126.089 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

Instrument :

BNA_F

ClientSampleId :

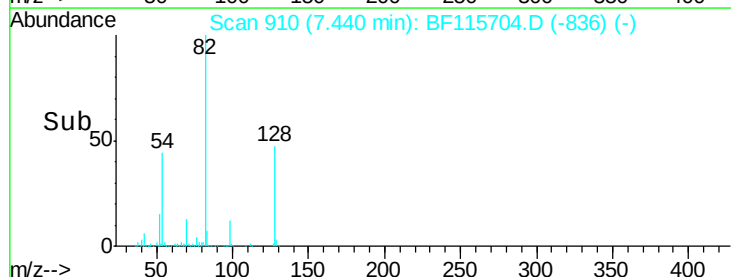
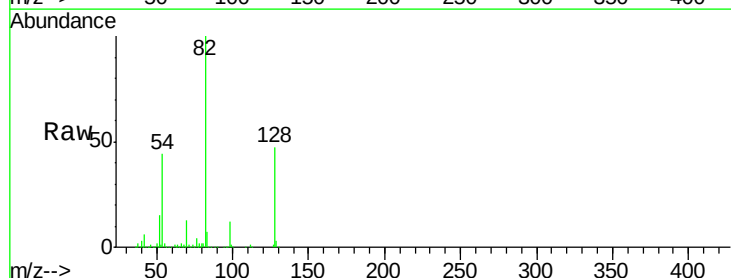
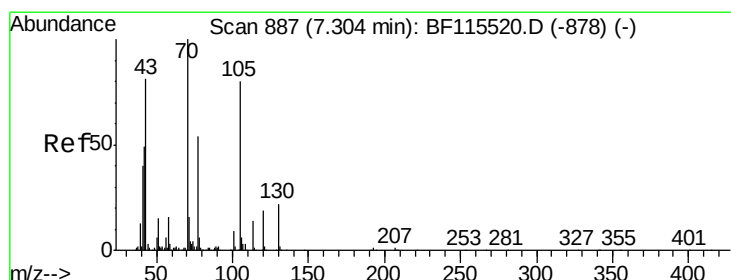
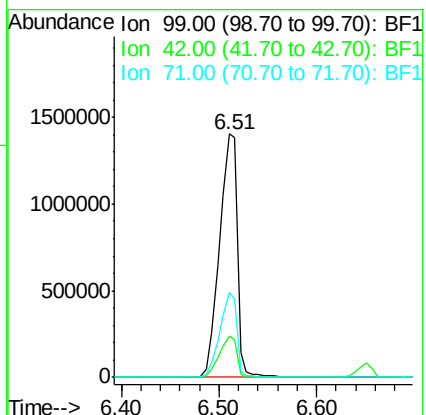
Tot Ion: 99 Resp: 1786791

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

71 34.9 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.665 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

Tgt Ion: 70 Resp: 154015

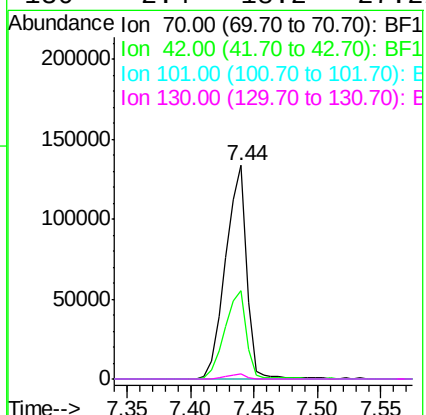
Ion Ratio Lower Upper

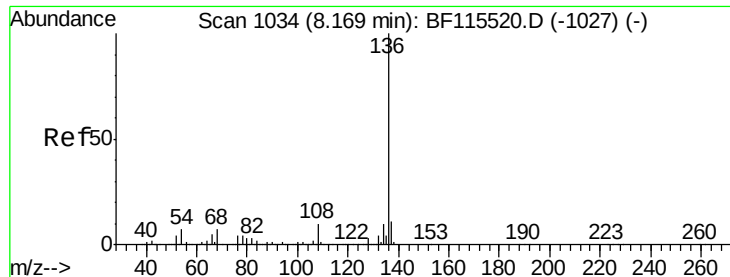
70 100

42 41.4 39.6 59.4

101 0.0 8.1 12.1#

130 2.4 18.2 27.2#

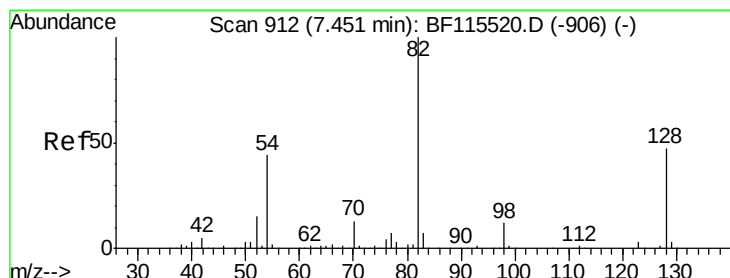
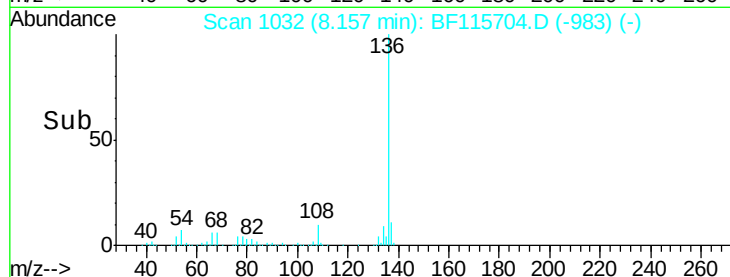
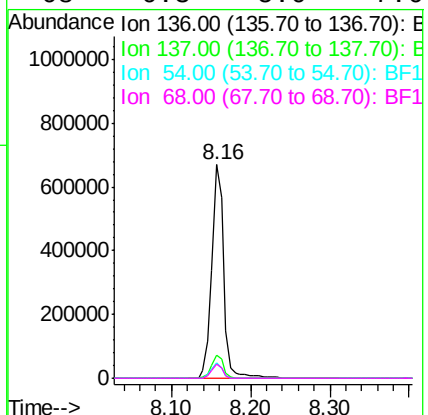
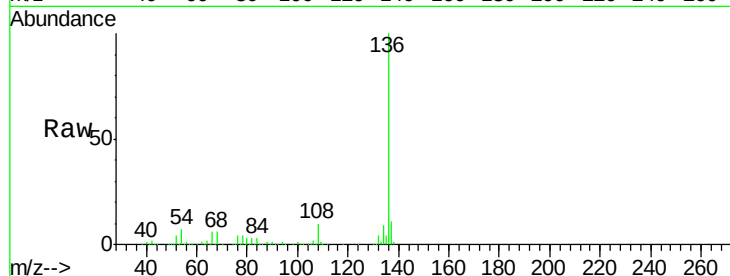




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115704.D
Acq: 22 Jul 2019 12:52

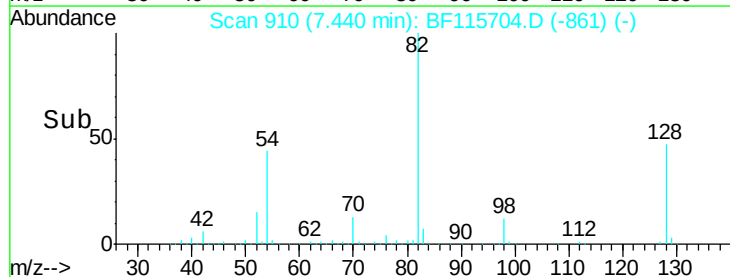
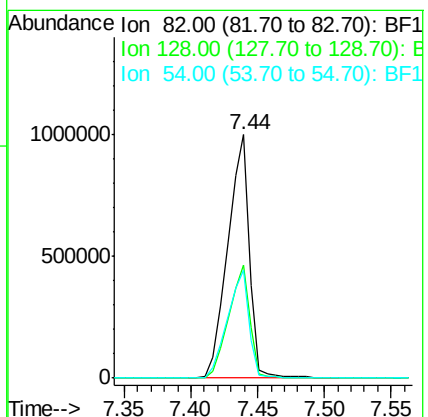
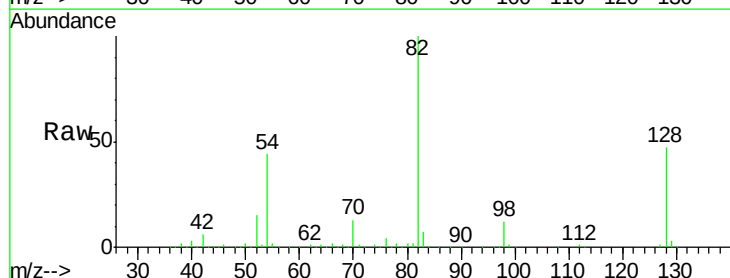
Instrument :
BNA_F
ClientSampleId :

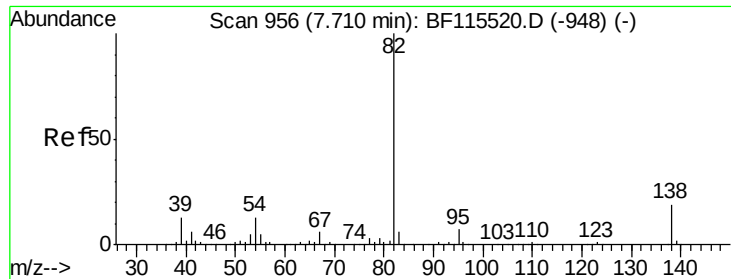
Tot Ion:136	Resp:	703348	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.0	13.4	
54 7.3	5.6	8.4	
68 6.3	5.0	7.6	



#23
Nitrobenzene-d5
Concen: 94.947 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115704.D
Acq: 22 Jul 2019 12:52

Tgt Ion: 82	Resp: 1148485
Ion Ratio	Lower Upper
82 100	
128 46.7	38.6 57.8
54 44.1	35.6 53.4





#25

Isophorone

Concen: 46.652 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

Instrument :

BNA_F

ClientSampleId :

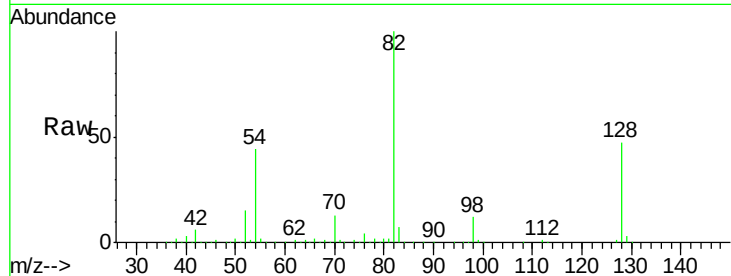
Tot Ion: 82 Resp: 1129187

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

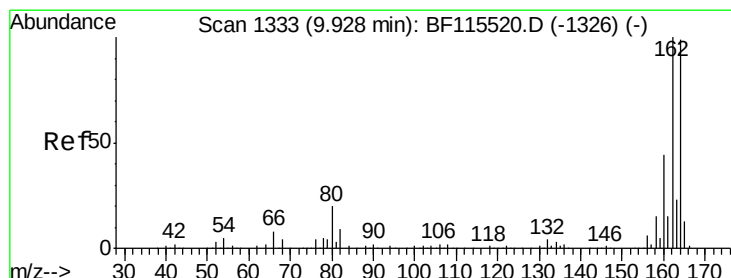
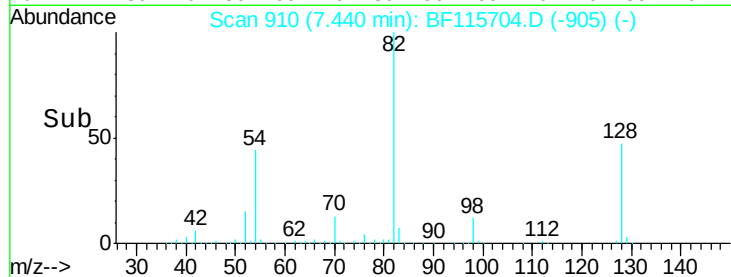
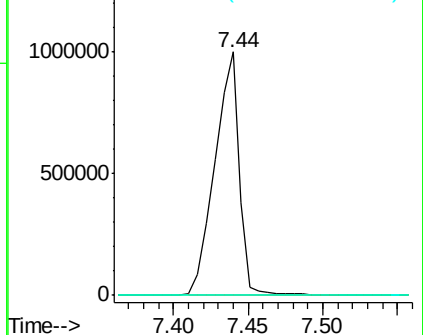
138 0.0 14.9 22.3#



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# 1331

Delta R.T. -0.01 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

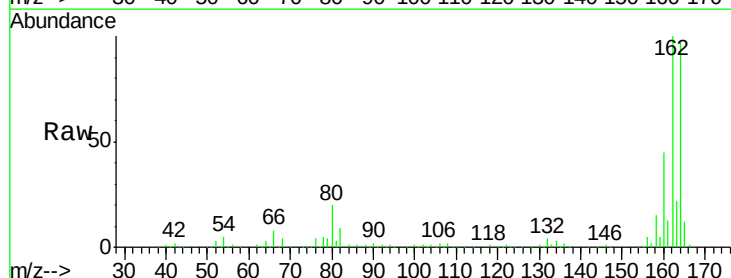
Tgt Ion:164 Resp: 379690

Ion Ratio Lower Upper

164 100

162 103.0 82.9 124.3

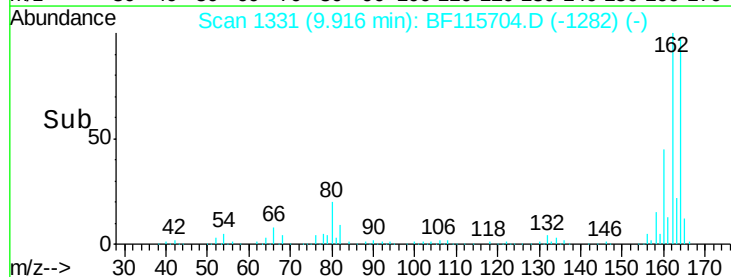
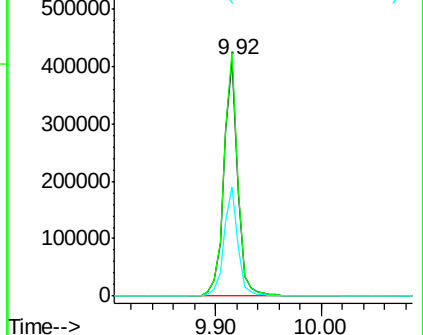
160 46.0 36.8 55.2

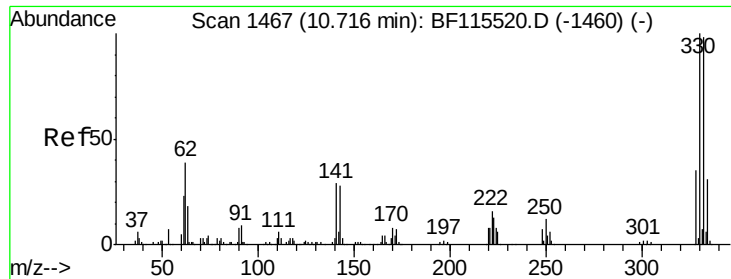


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

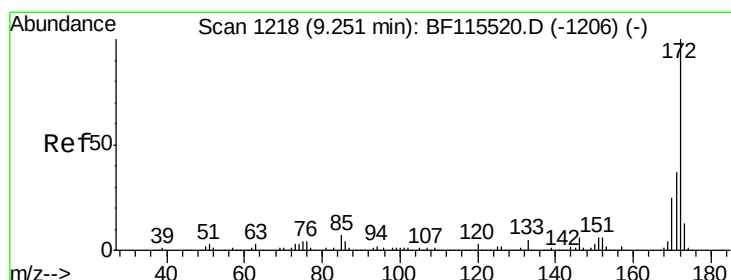
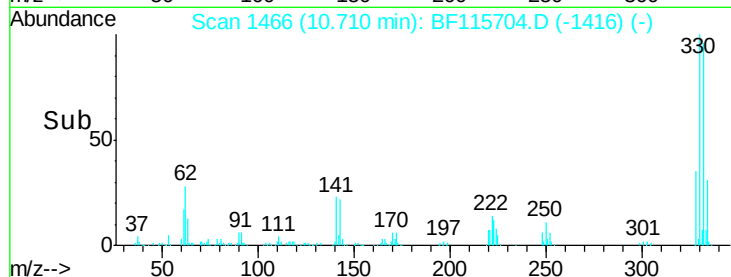
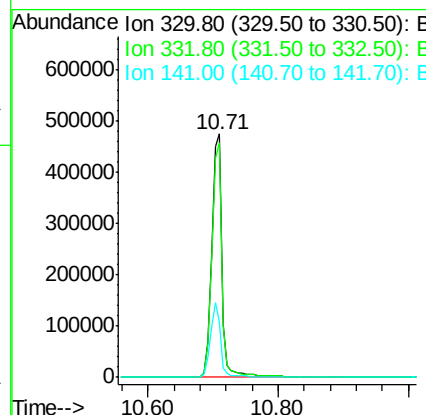
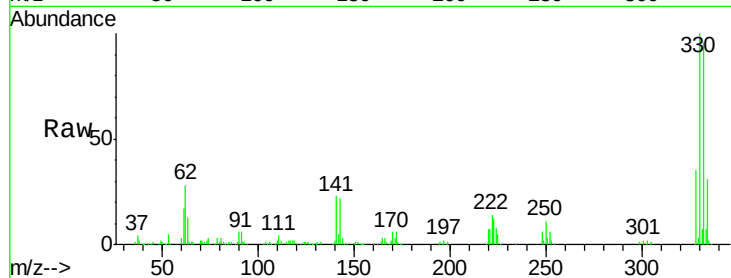




#42
 2,4,6-Tribromophenol
 Concen: 116.909 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115704.D
 Acq: 22 Jul 2019 12:52

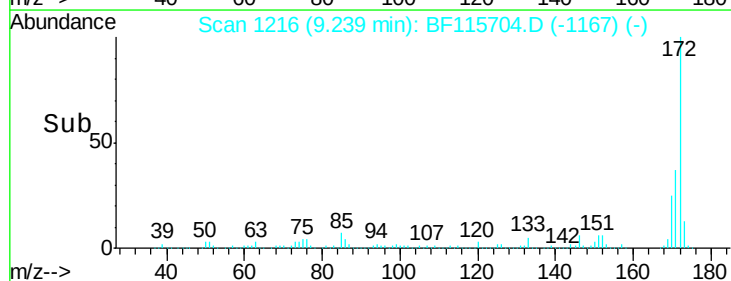
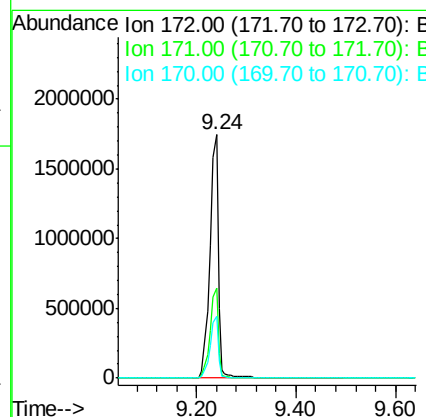
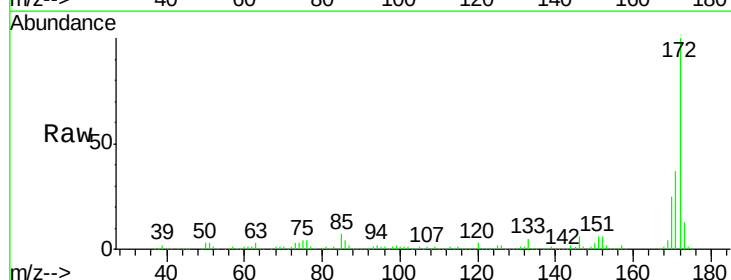
Instrument :
 BNA_F
 ClientSampleId :

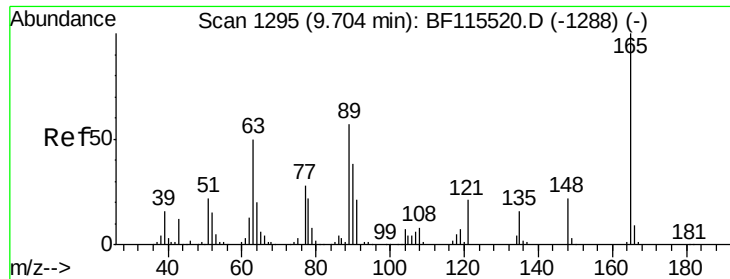
Tot Ion:330 Resp: 518130
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 30.7 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 94.221 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115704.D
 Acq: 22 Jul 2019 12:52

Tgt Ion:172 Resp: 2043951
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.6 46.0
 170 25.4 20.5 30.7





#51

2,6-Dinitrotoluene

Concen: 7.450 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF115704.D

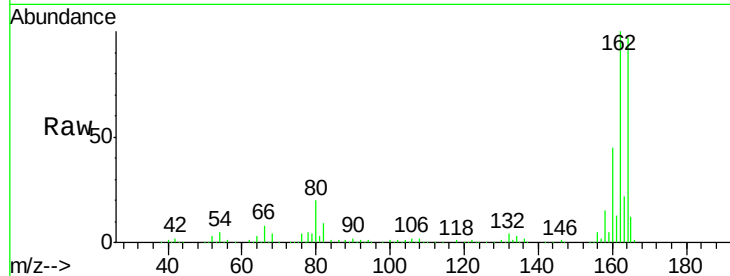
Acq: 22 Jul 2019 12:52

Instrument :

BNA_F

ClientSampleId :

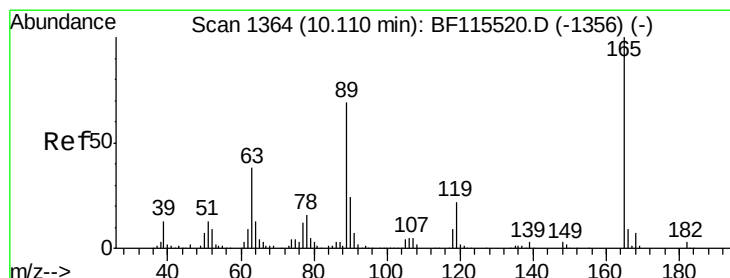
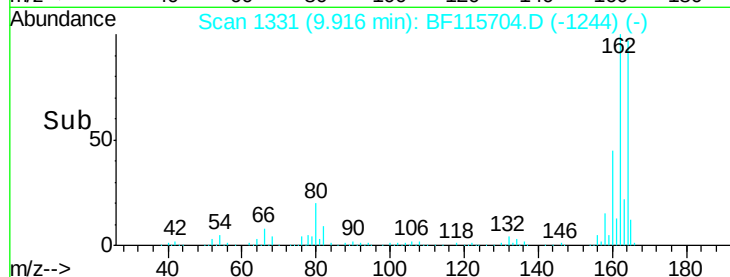
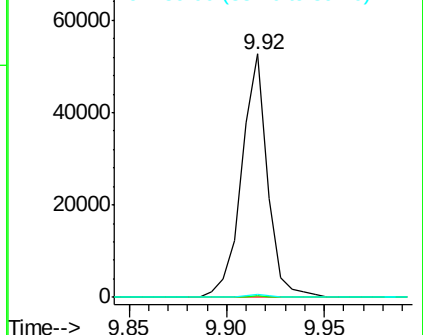
Tot Ion:165	Resp:	48364
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.6 61.0#
89	1.4	43.9 65.9#



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: 5.750 ng

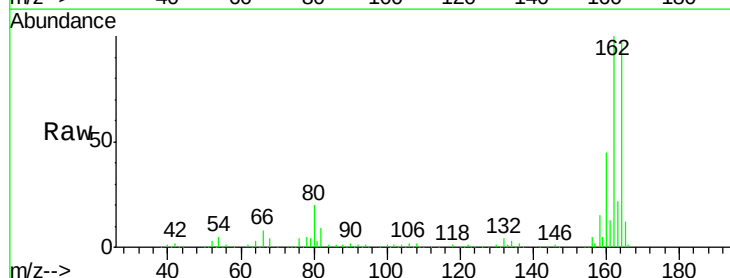
RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

Tgt Ion:165	Resp:	48364
Ion Ratio	Lower	Upper
165	100	
63	1.0	34.9 52.3#
89	1.4	57.5 86.3#
182	0.0	2.2 3.4#

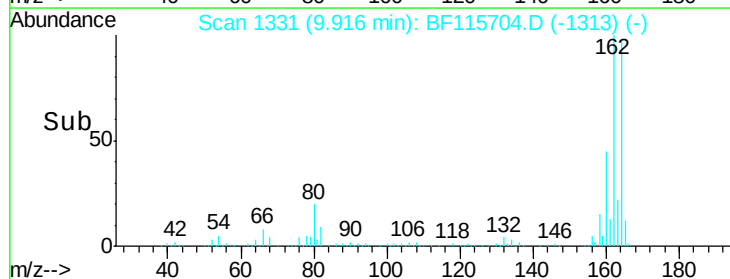
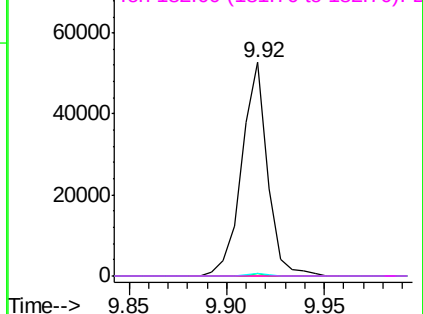


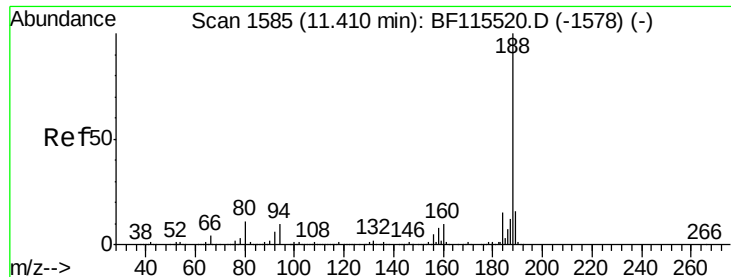
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1583

Delta R.T. -0.01 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

Instrument :

BNA_F

ClientSampled :

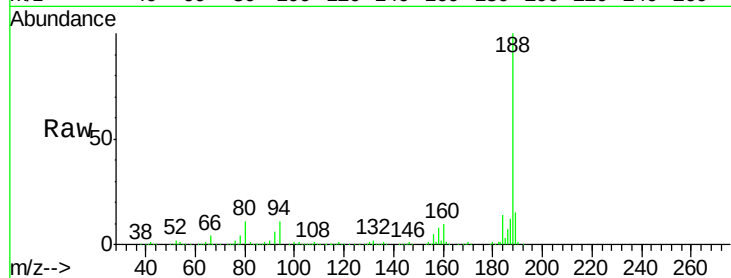
Tot Ion:188 Resp: 684752

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.6

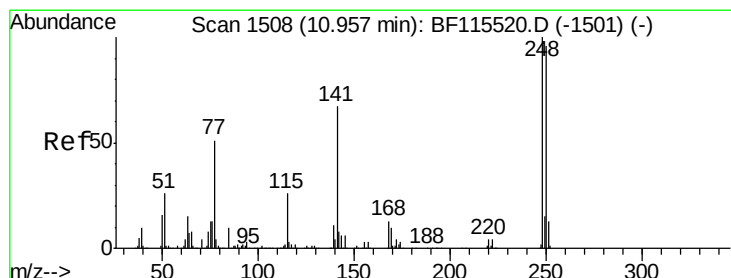
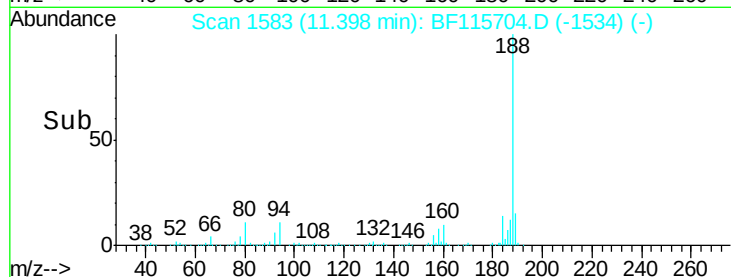
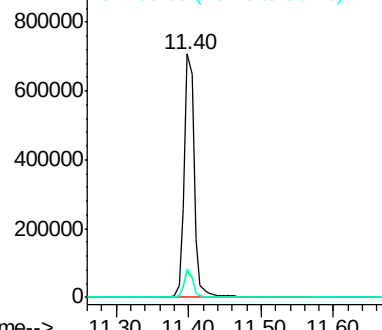
80 11.5 8.6 13.0



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



#67

4-Bromophenyl-phenylether

Concen: 3.971 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

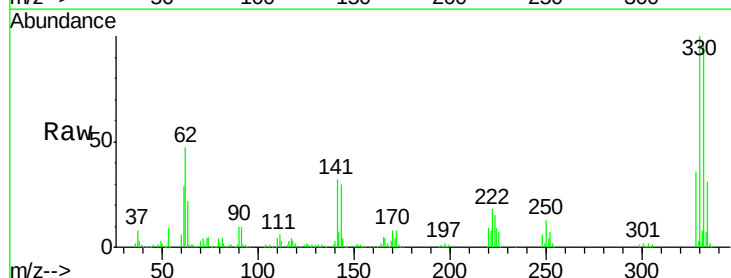
Tgt Ion:248 Resp: 31074

Ion Ratio Lower Upper

248 100

250 202.3 78.0 117.0#

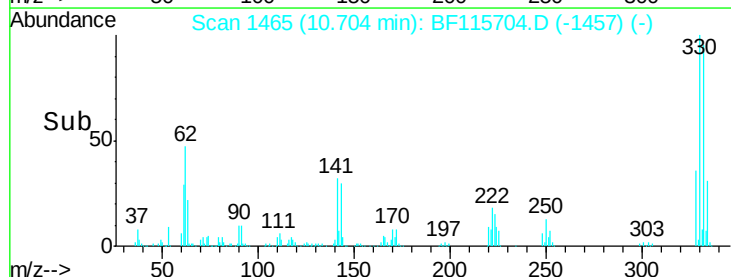
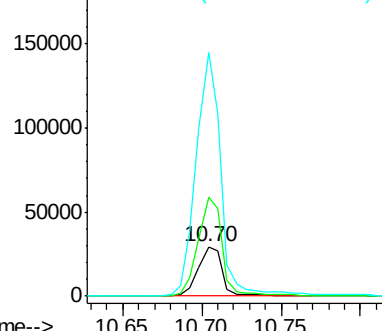
141 496.5 57.7 86.5#

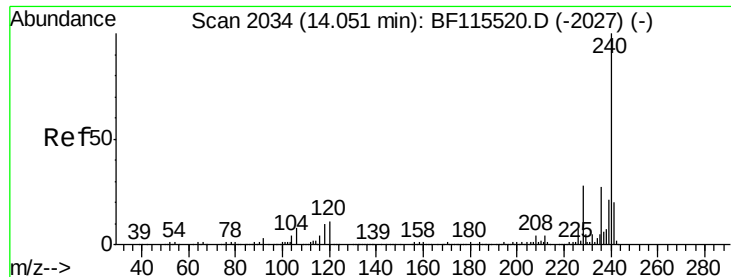


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

Instrument :

BNA_F

ClientSampleId :

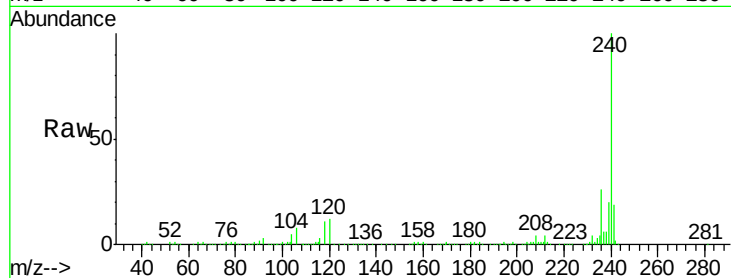
Tot Ion:240 Resp: 500586

Ion Ratio Lower Upper

240 100

120 11.8 8.6 13.0

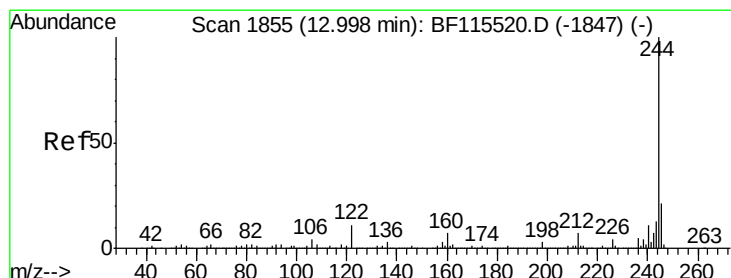
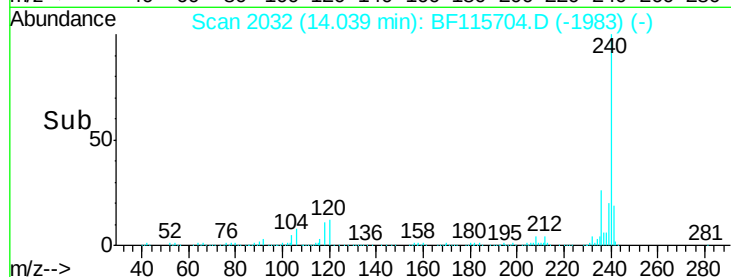
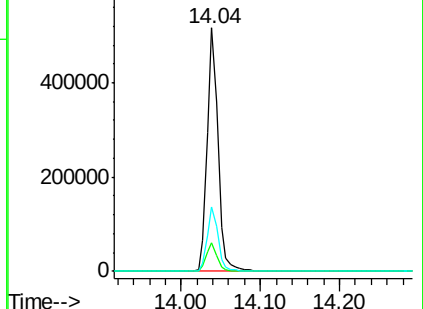
236 26.3 21.3 31.9



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: 83.954 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115704.D

Acq: 22 Jul 2019 12:52

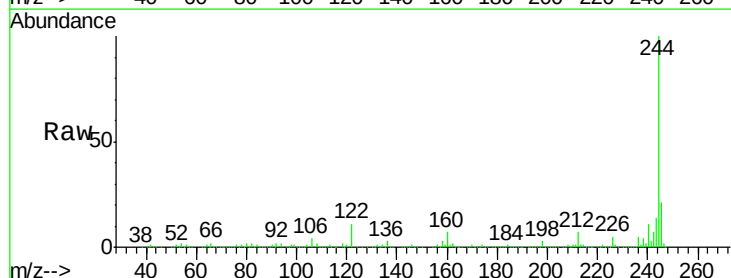
Tgt Ion:244 Resp: 2277635

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

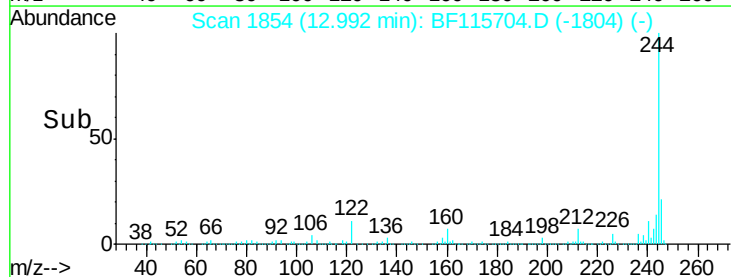
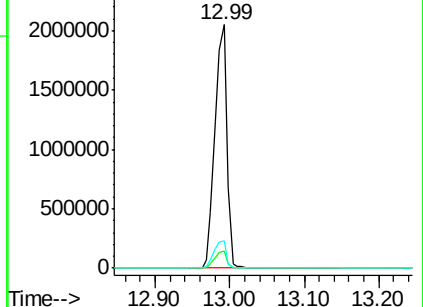
122 11.1 8.6 12.8

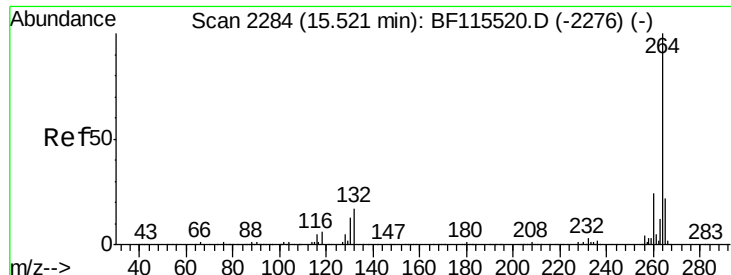


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

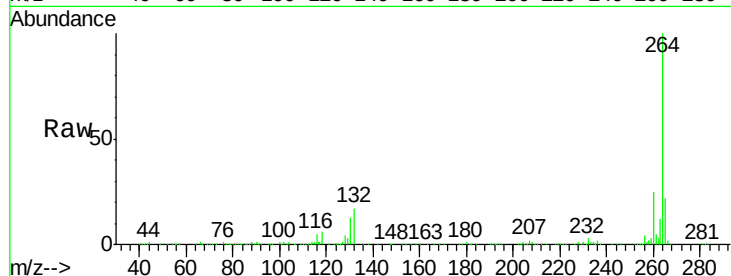




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115704.D
 Acq: 22 Jul 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 456686
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.8
 265 21.8 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

