

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115702.D
 Acq On : 22 Jul 2019 11:58
 Operator : HP/JU
 Sample : PB121521BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:13:49 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

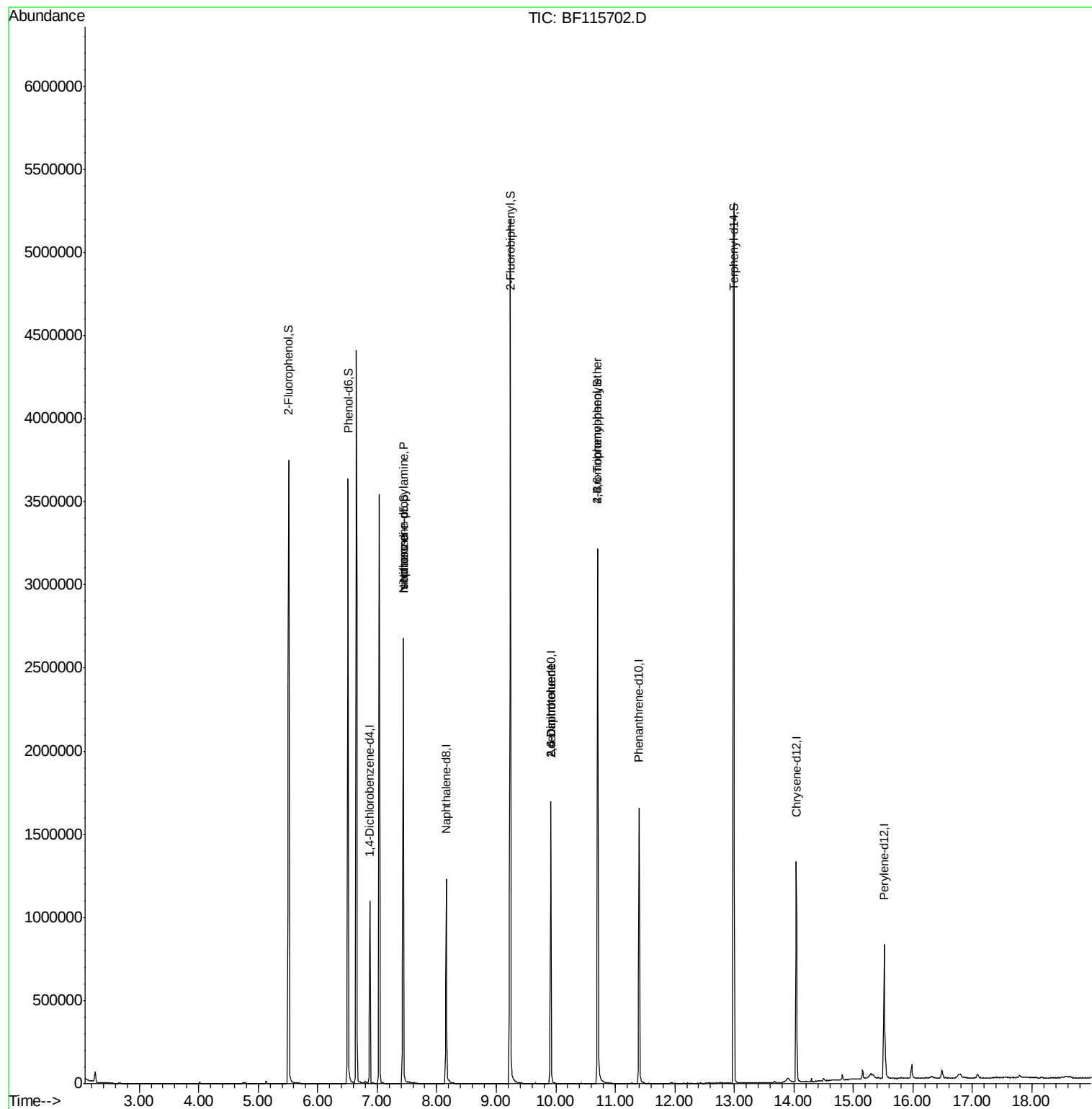
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	172438	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	668802	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	362731	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	637900	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	459275	20.00	ng	-0.01
87) Perylene-d12	15.52	264	422773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1251134	118.68	ng	0.01
7) Phenol-d6	6.51	99	1678153	125.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	1060015	92.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	487623	115.17	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1901801	91.77	ng	-0.01
79) Terphenyl-d14	12.99	244	2153726	86.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	141837	16.258	ng	# 78
25) Isophorone	7.44	82	1041203	45.239	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	46961	7.572	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	46953	5.844	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	29596	4.060	ng	# 1

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

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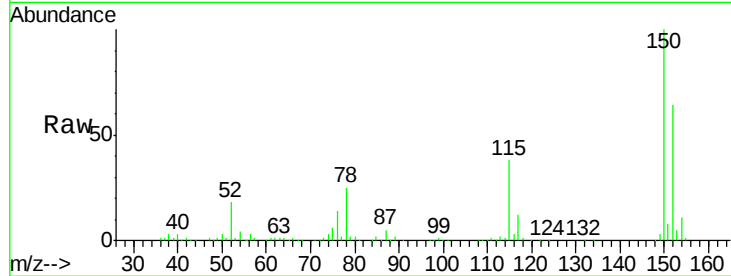


#1

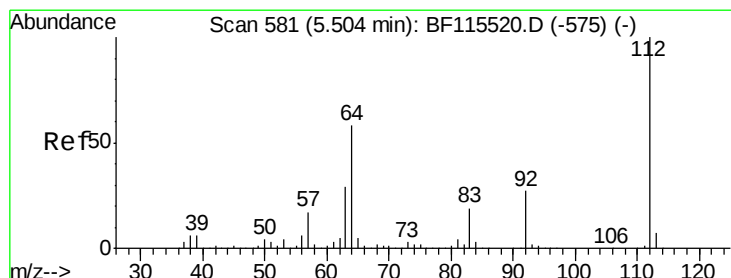
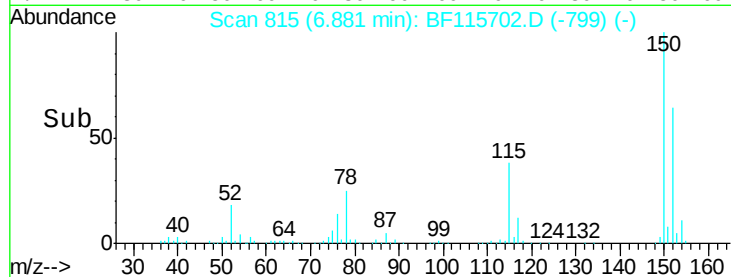
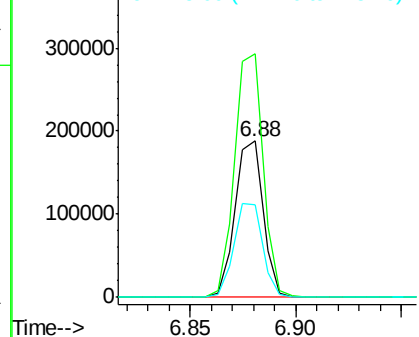
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115702.D
Acq: 22 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172438
Ion Ratio Lower Upper
152 100
150 156.0 129.7 194.5
115 59.1 48.2 72.4



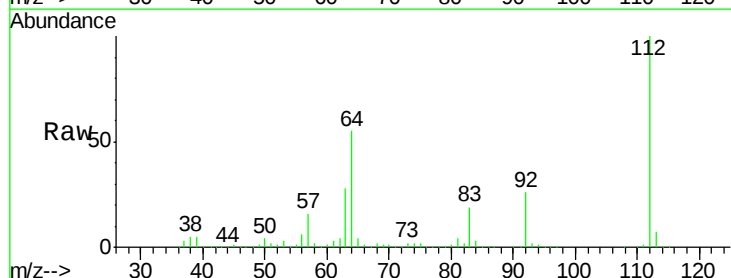
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



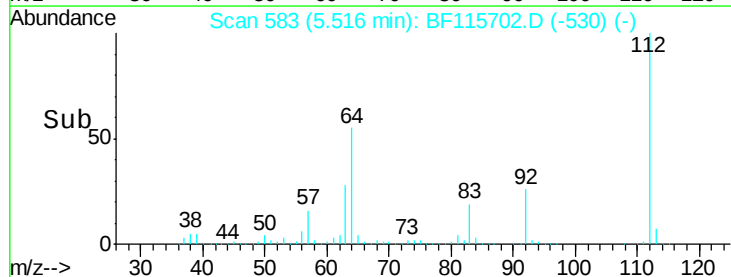
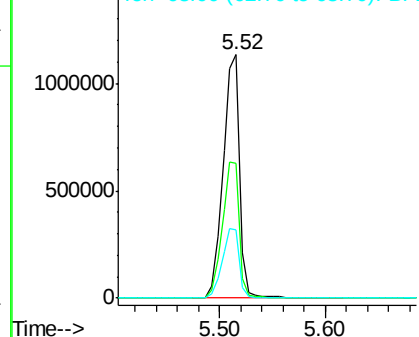
#5

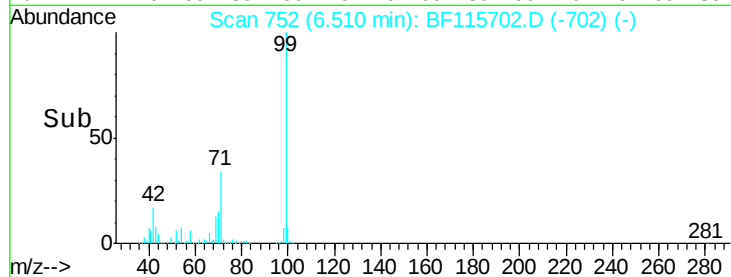
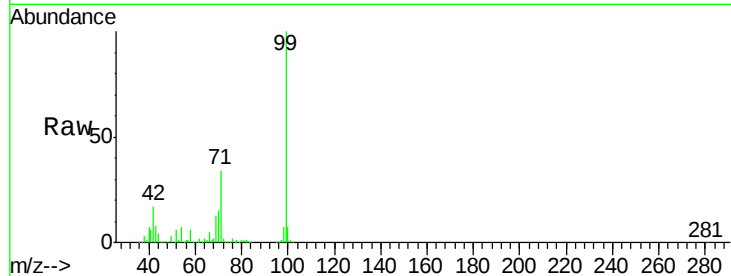
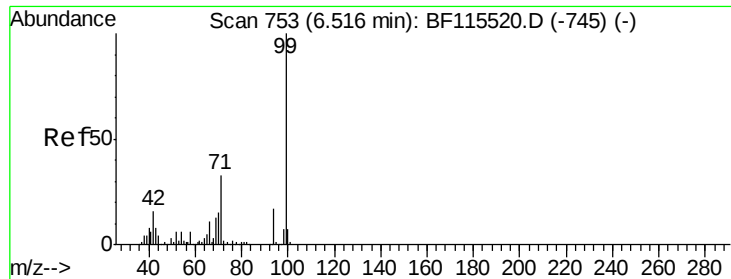
2-Fluorophenol
Concen: 118.680 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115702.D
Acq: 22 Jul 2019 11:58

Tgt Ion:112 Resp: 1251134
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 28.3 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: 125.454 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115702.D

Acq: 22 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

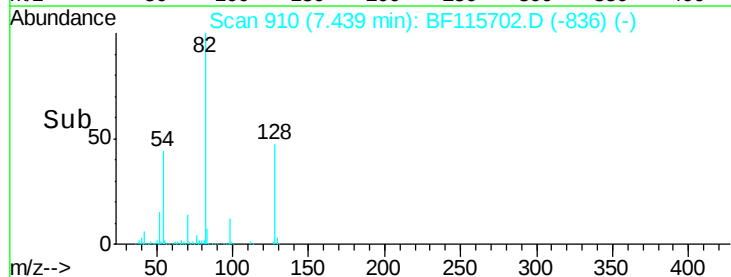
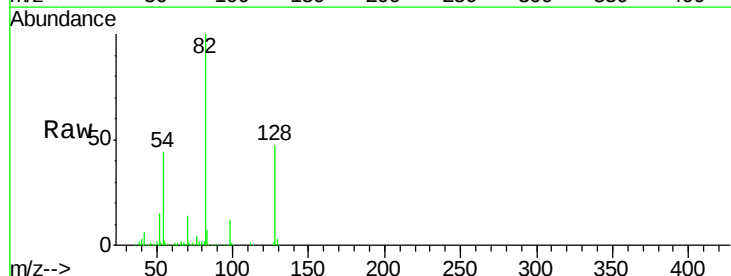
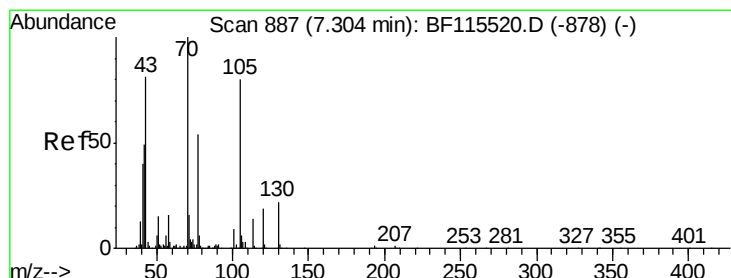
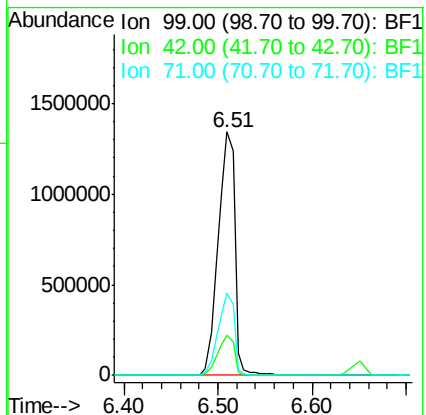
Tot Ion: 99 Resp: 1678153

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

71 34.0 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.258 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115702.D

Acq: 22 Jul 2019 11:58

Tgt Ion: 70 Resp: 141837

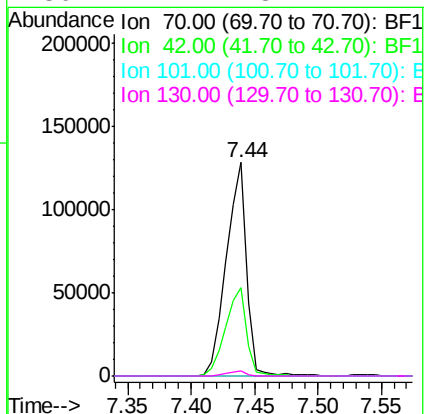
Ion Ratio Lower Upper

70 100

42 41.3 39.6 59.4

101 0.0 8.1 12.1#

130 2.4 18.2 27.2#

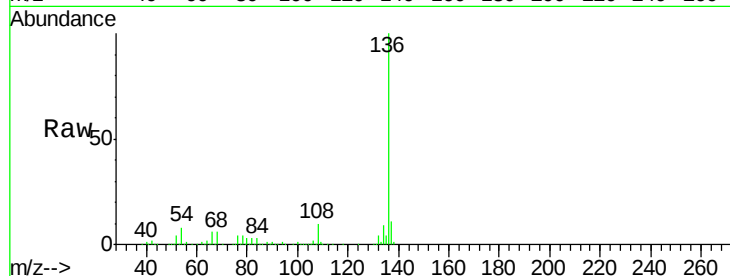




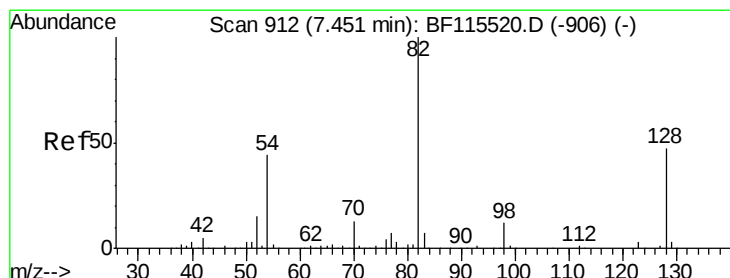
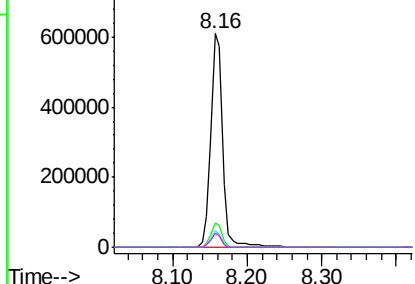
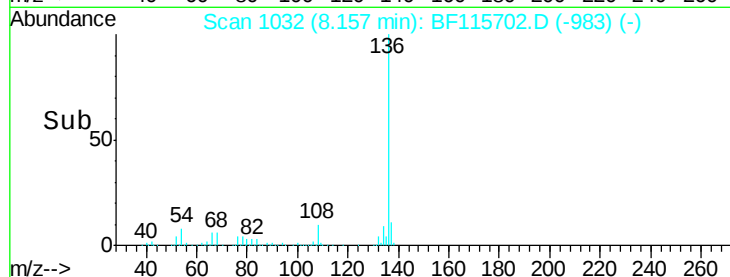
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115702.D
Acq: 22 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 668802
Ion Ratio	Lower Upper
136 100	
137 11.4	9.0 13.4
54 7.6	5.6 8.4
68 6.5	5.0 7.6

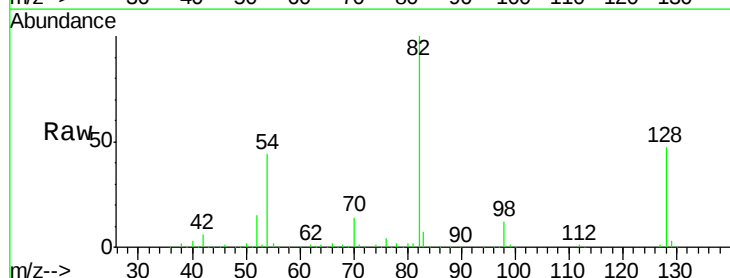


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

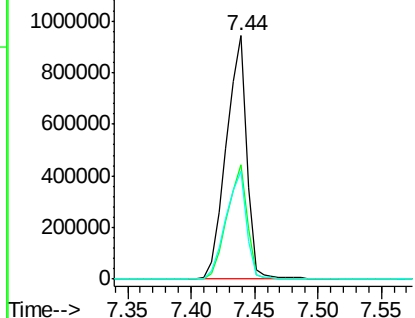
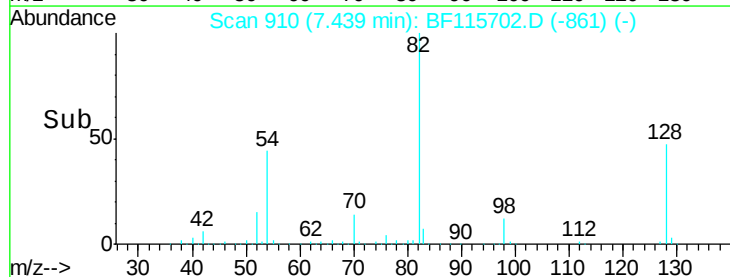


#23
Nitrobenzene-d5
Concen: 92.159 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115702.D
Acq: 22 Jul 2019 11:58

Tgt	Ion: 82	Resp: 1060015	
Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.6	57.8
54	44.5	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: 45.239 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115702.D

Acq: 22 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

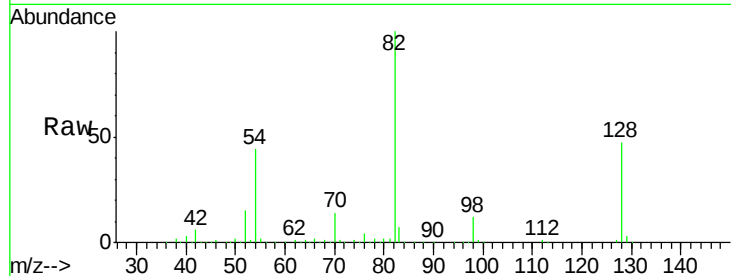
Tot Ion: 82 Resp: 1041203

Ion Ratio Lower Upper

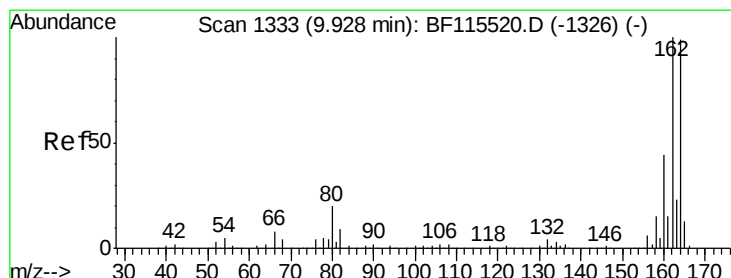
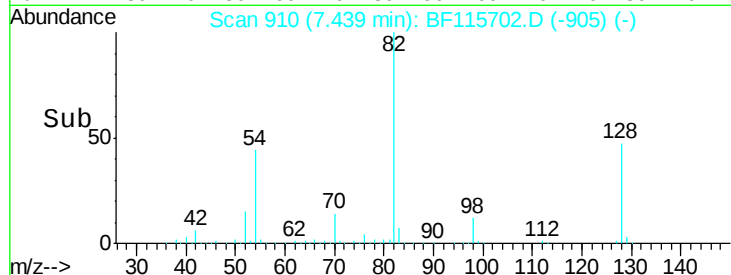
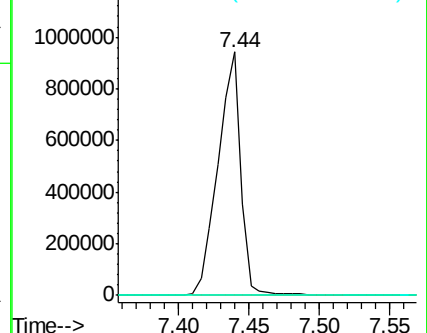
82 100

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: BF115702.D

Acq: 22 Jul 2019 11:58

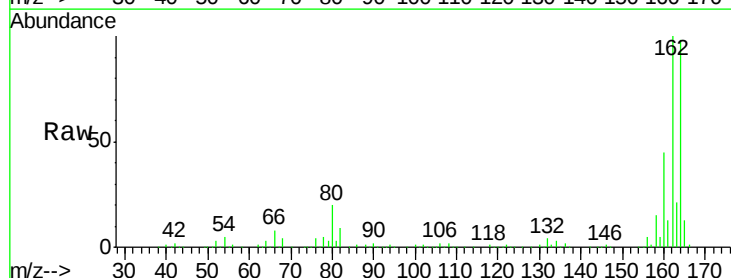
Tgt Ion: 164 Resp: 362731

Ion Ratio Lower Upper

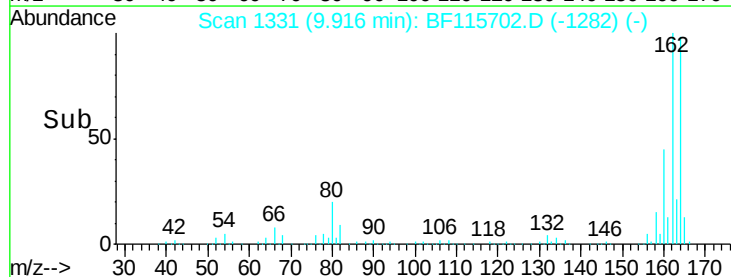
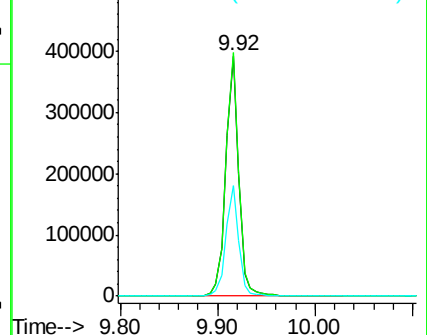
164 100

162 101.6 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

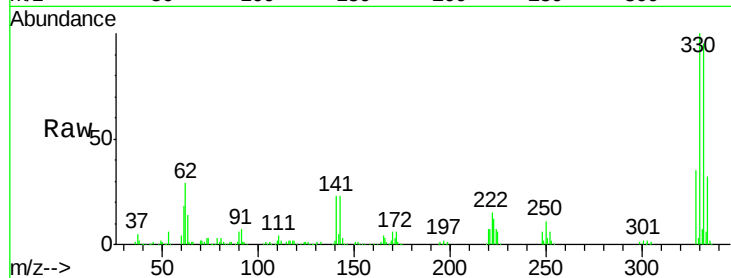




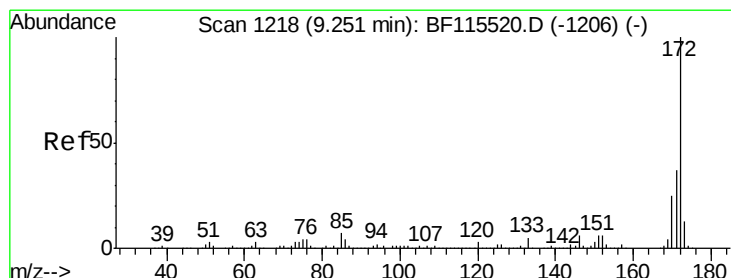
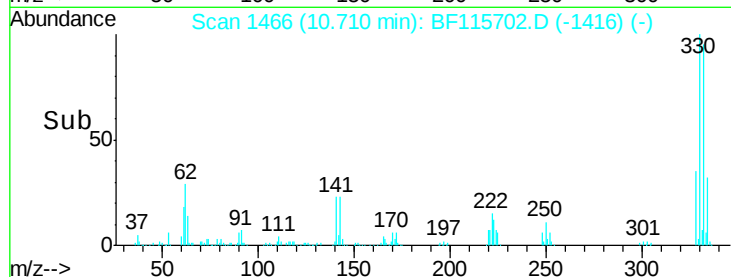
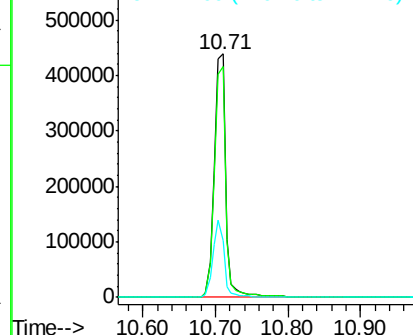
#42
 2,4,6-Tribromophenol
 Concen: 115.170 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115702.D
 Acq: 22 Jul 2019 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	31.1	22.4	33.6

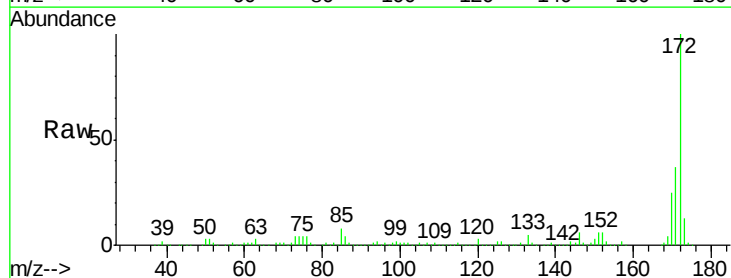


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

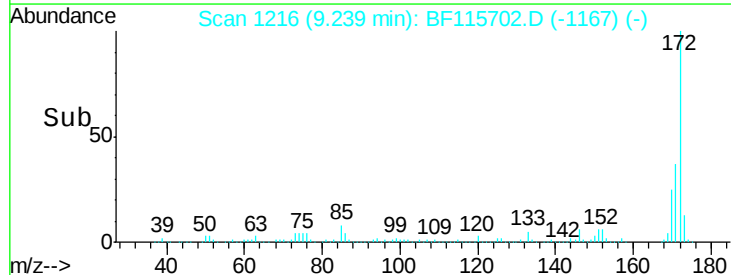
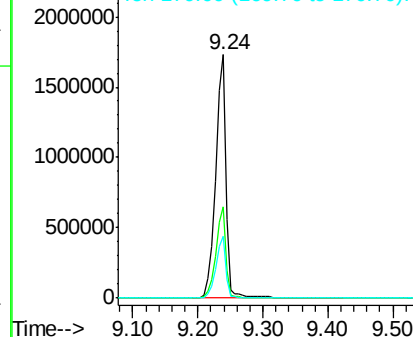


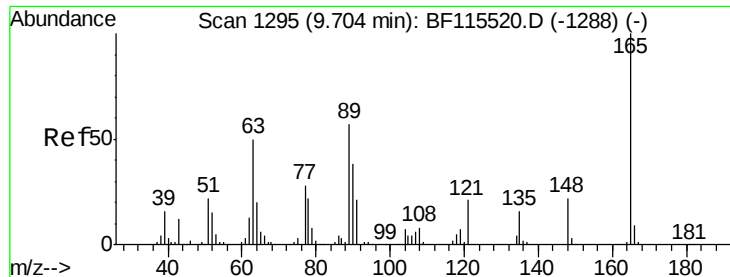
#45
 2-Fluorobiphenyl
 Concen: 91.767 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115702.D
 Acq: 22 Jul 2019 11:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	25.2	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

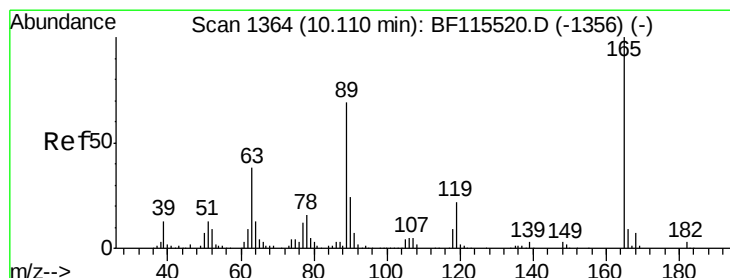
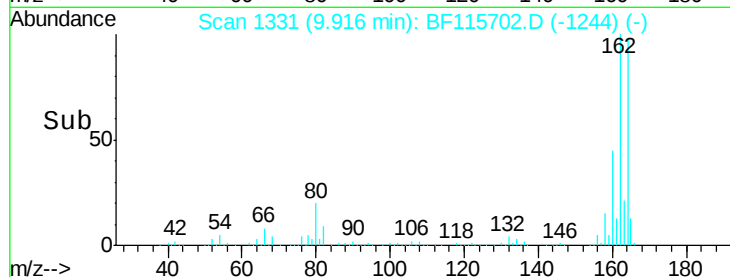
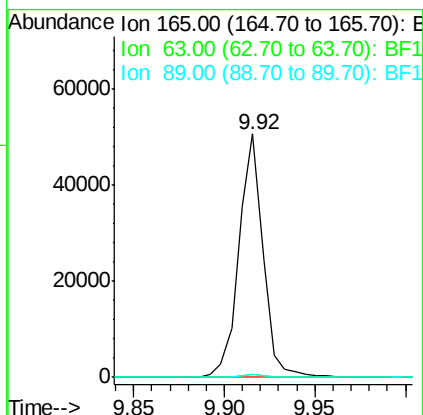
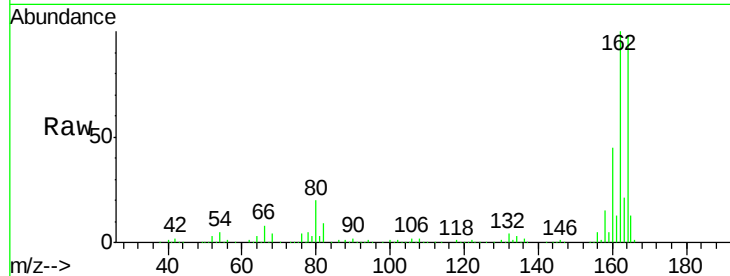




#51
 2,6-Dinitrotoluene
 Concen: 7.572 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115702.D
 Acq: 22 Jul 2019 11:58

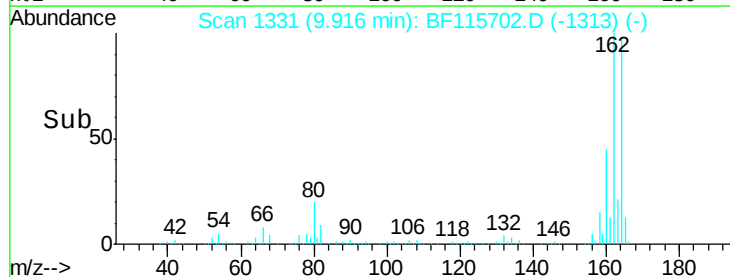
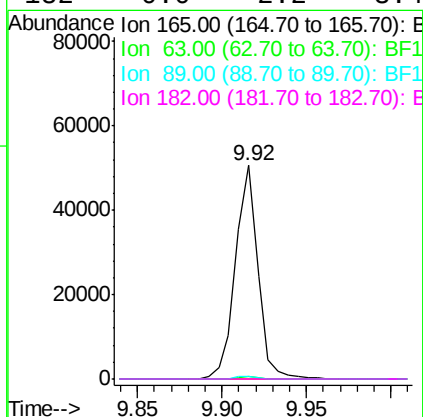
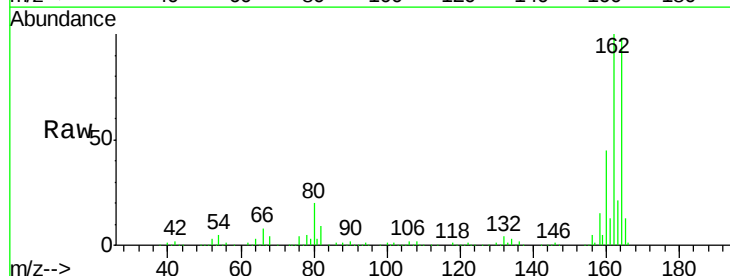
Instrument :
 BNA_F
 ClientSampleId :

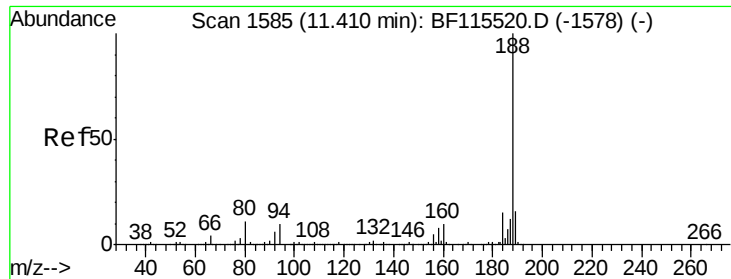
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.6	61.0#
89	1.3	43.9	65.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.844 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115702.D
 Acq: 22 Jul 2019 11:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.9	52.3#
89	1.3	57.5	86.3#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115702.D

Acq: 22 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

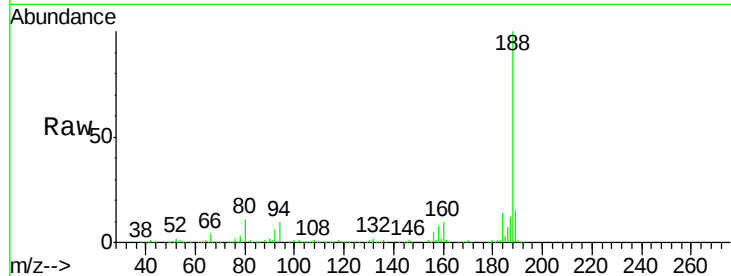
Tot Ion:188 Resp: 637900

Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

80 11.4 8.6 13.0

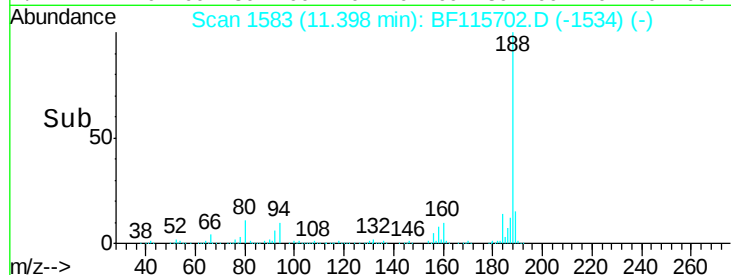


Abundance Ion 188.00 (187.70 to 188.70): E

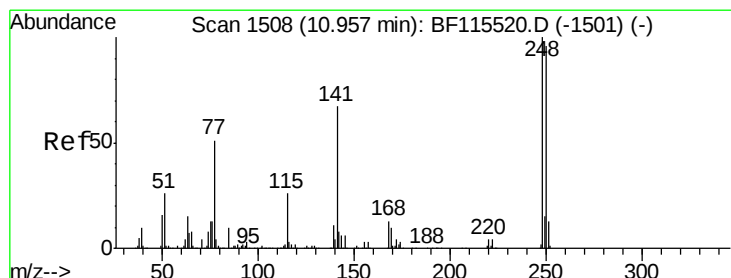
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.060 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115702.D

Acq: 22 Jul 2019 11:58

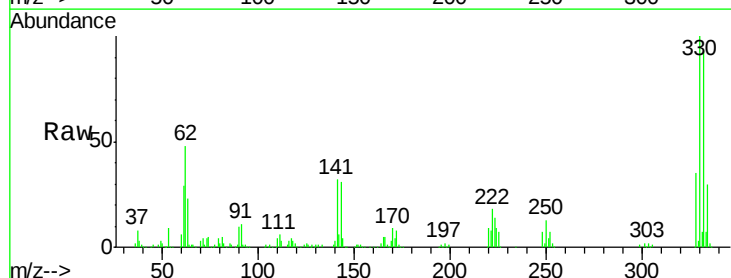
Tgt Ion:248 Resp: 29596

Ion Ratio Lower Upper

248 100

250 195.4 78.0 117.0#

141 487.8 57.7 86.5#

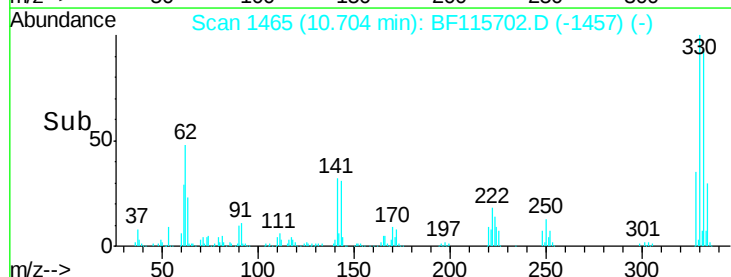


Abundance Ion 248.00 (247.70 to 248.70): E

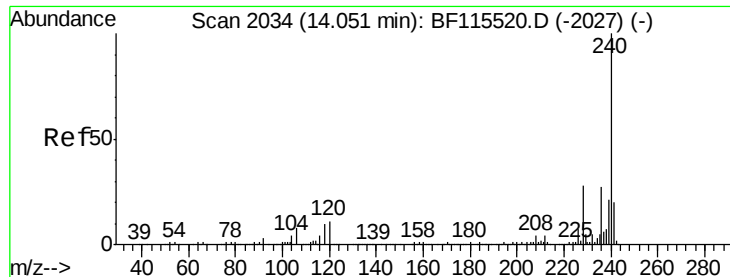
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



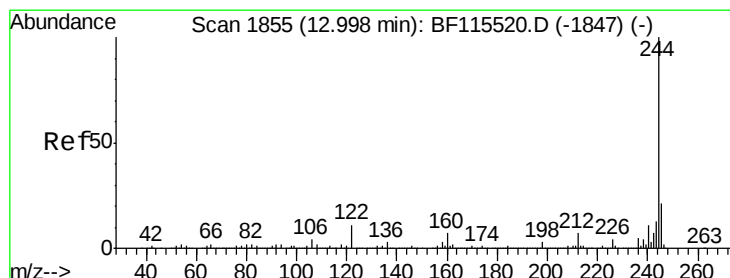
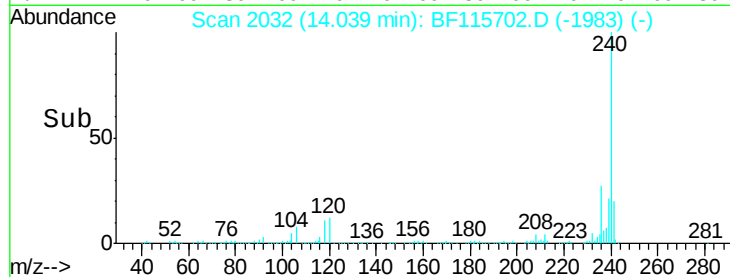
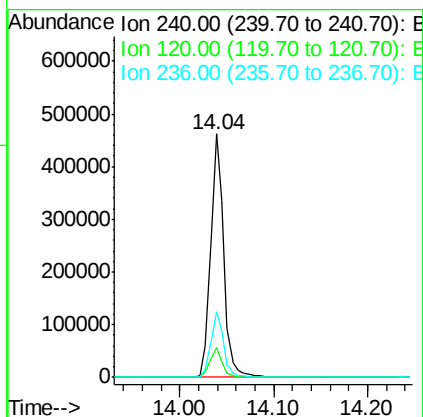
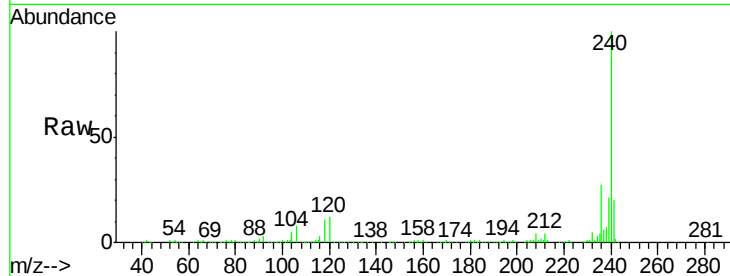
Time-->



#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115702.D
 Acq: 22 Jul 2019 11:58

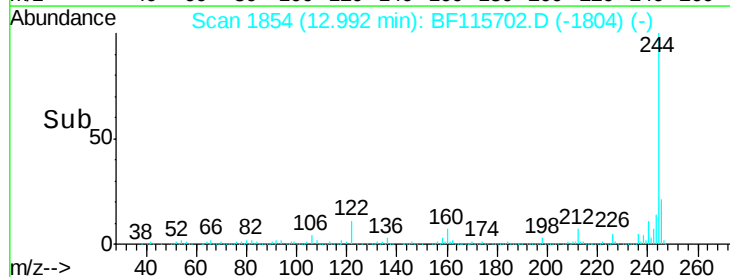
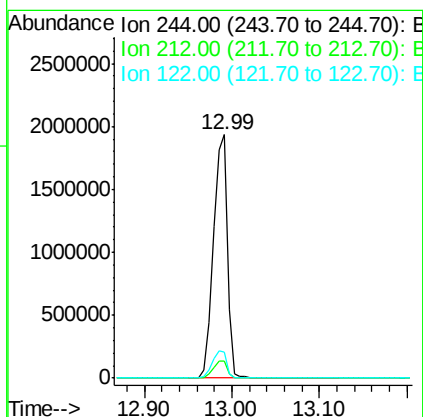
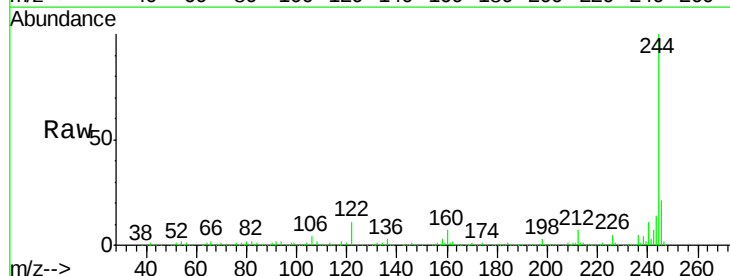
Instrument :
 BNA_F
 ClientSampleId :

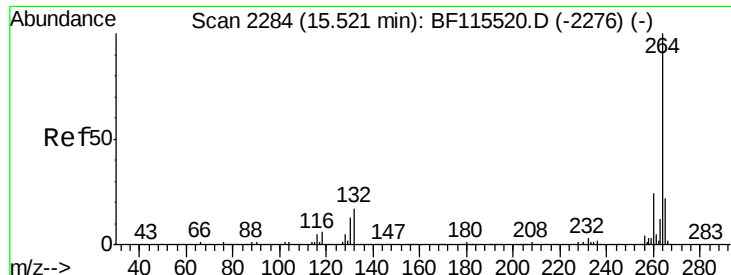
Tot Ion:240 Resp: 459275
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.6 13.0
 236 27.0 21.3 31.9



#79
 Terphenyl-d14
 Concen: 86.527 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115702.D
 Acq: 22 Jul 2019 11:58

Tgt Ion:244 Resp: 2153726
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.8 8.6 12.8

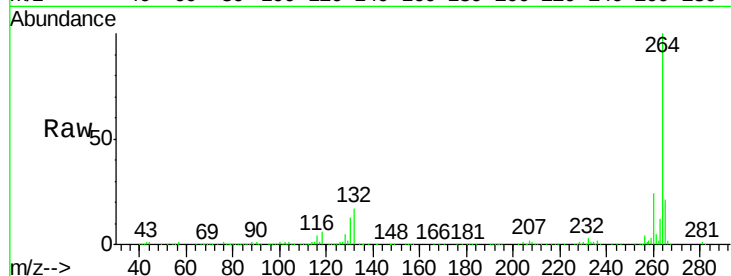




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115702.D
 Acq: 22 Jul 2019 11:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.8
265	21.4	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

