

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115818.D
 Acq On : 27 Jul 2019 9:32
 Operator : HP/JU
 Sample : PB121745BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 00:58:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

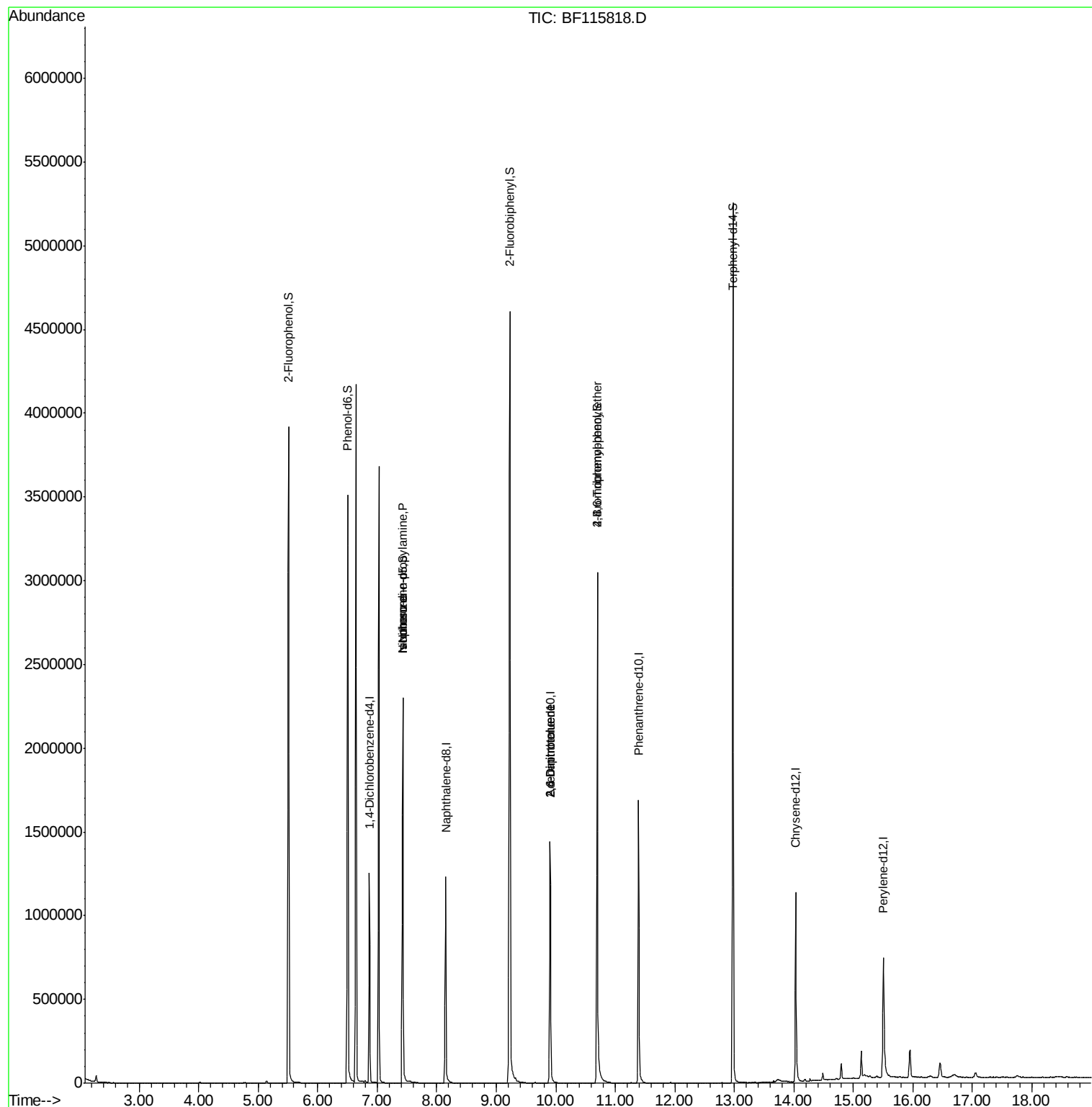
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173002	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	679181	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	375236	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	686268	20.00	ng	0.00
76) Chrysene-d12	14.03	240	483081	20.00	ng	0.00
87) Perylene-d12	15.50	264	438566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1203390	113.78	ng	0.02
7) Phenol-d6	6.50	99	1573629	117.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	1031775	88.33	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	490465	111.98	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1982057	92.45	ng	0.00
79) Terphenyl-d14	12.98	244	2150735	82.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	139486	15.936	ng	# 78
25) Isophorone	7.43	82	1028850	44.019	ng	# 65
51) 2,6-Dinitrotoluene	9.90	165	47438	7.394	ng	# 25
57) 2,4-Dinitrotoluene	9.90	165	47663	5.734	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	28999	3.698	ng	# 1

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

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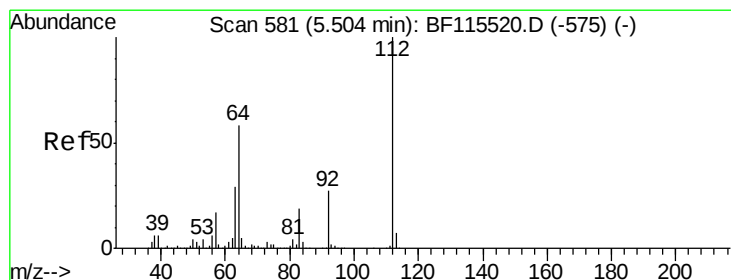
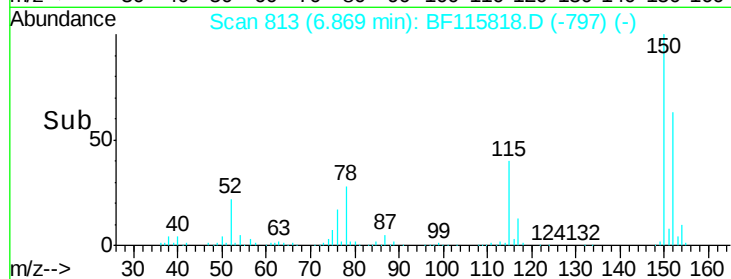
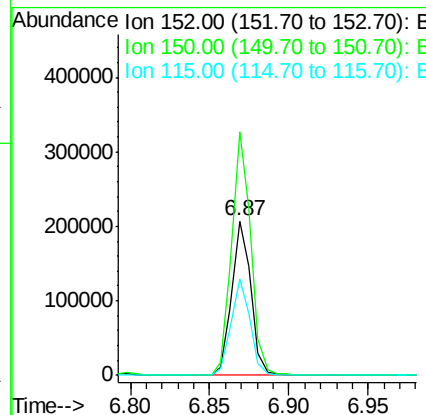
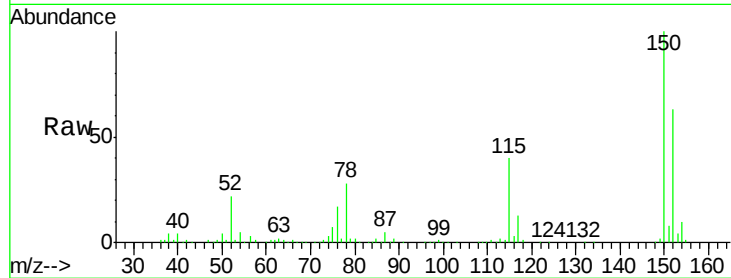


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115818.D
Acq: 27 Jul 2019 9:32

Instrument :
BNA_F
ClientSampleId :

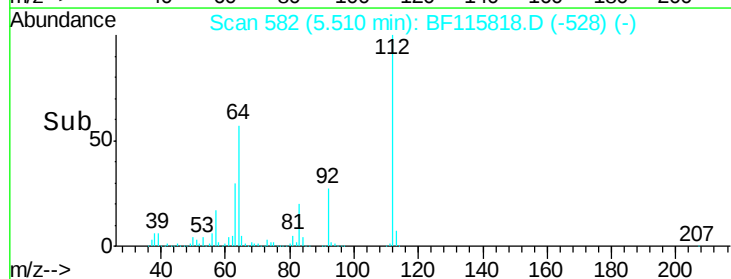
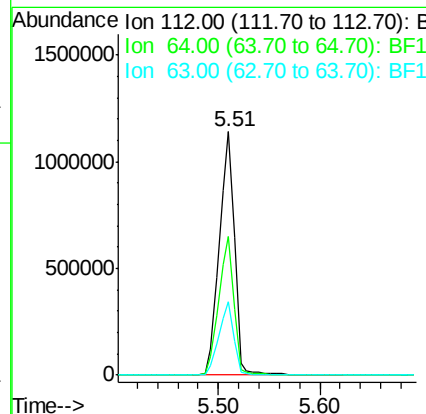
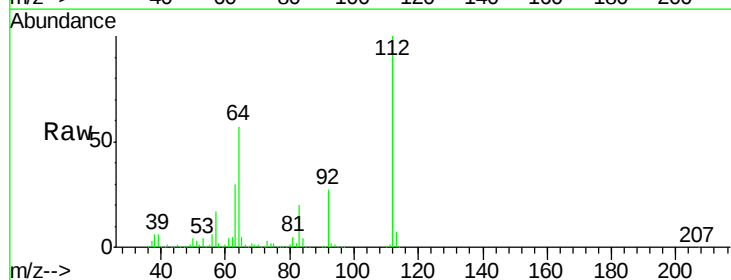
Tot Ion:152 Resp: 173002
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 62.8 47.8 71.6

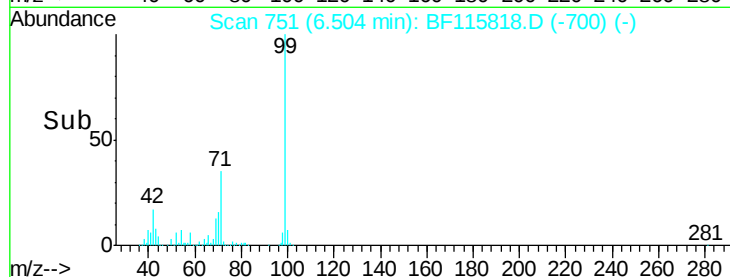
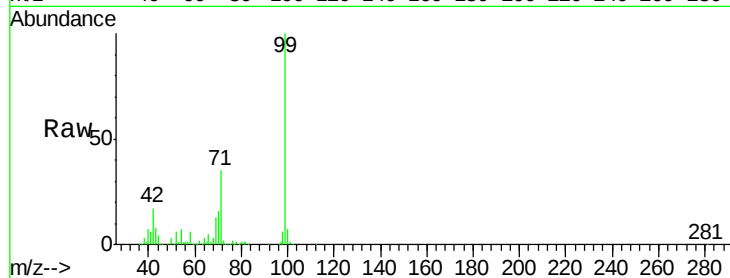
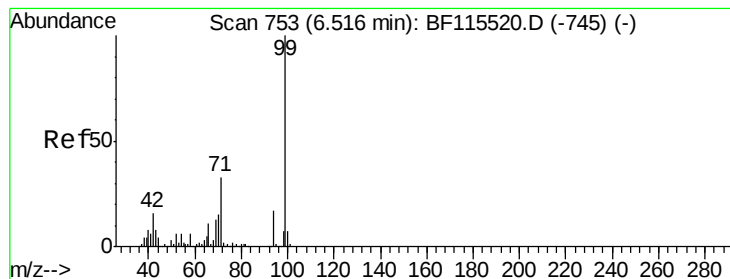


#5

2-Fluorophenol
Concen: 113.779 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF115818.D
Acq: 27 Jul 2019 9:32

Tgt Ion:112 Resp: 1203390
Ion Ratio Lower Upper
112 100
64 57.2 45.8 68.8
63 30.0 23.6 35.4





#7

Phenol-d6

Concen: 117.256 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

Instrument :

BNA_F

ClientSampleId :

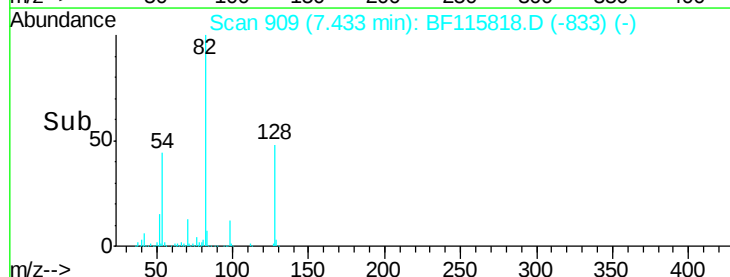
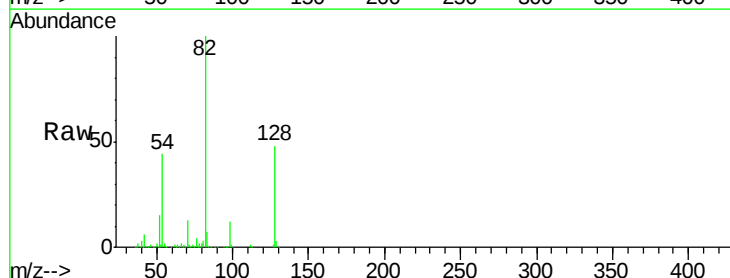
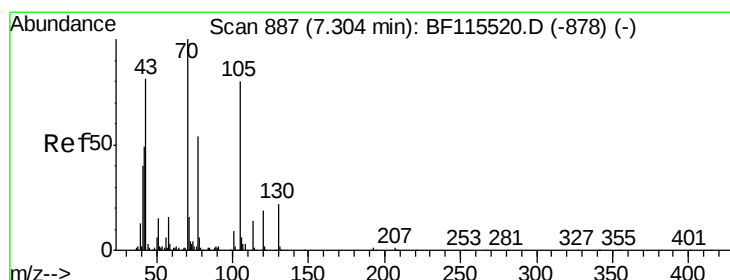
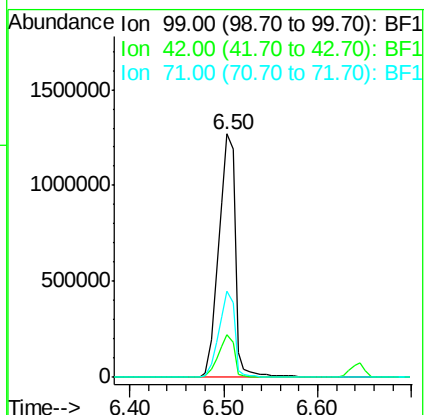
Tot Ion: 99 Resp: 1573629

Ion Ratio Lower Upper

99 100

42 17.4 13.4 20.2

71 35.2 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.936 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

Tgt Ion: 70 Resp: 139486

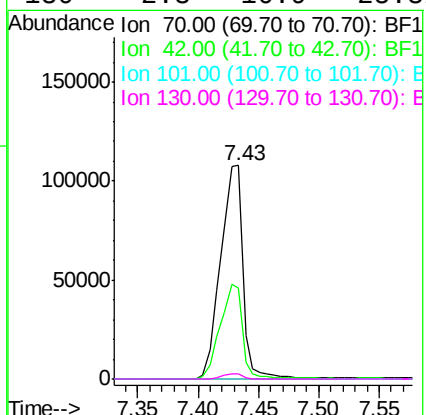
Ion Ratio Lower Upper

70 100

42 42.7 41.8 62.8

101 0.0 7.6 11.4#

130 2.3 16.9 25.3#

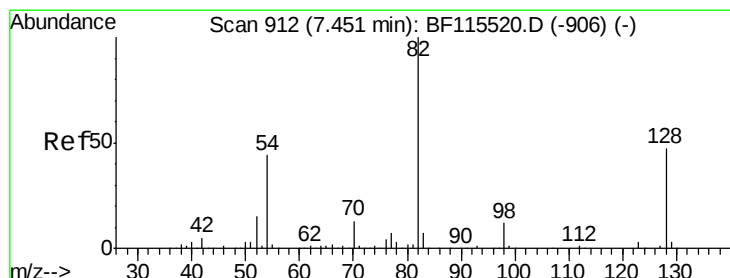
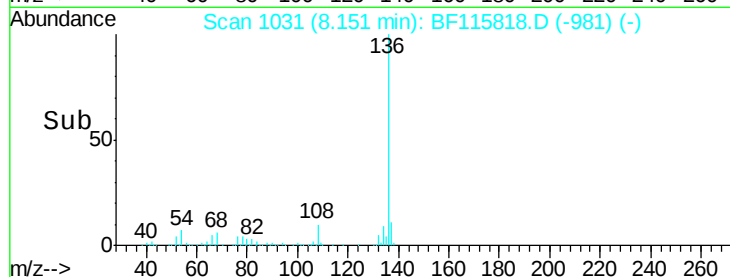
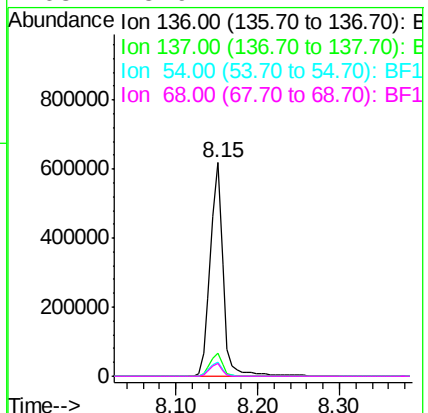
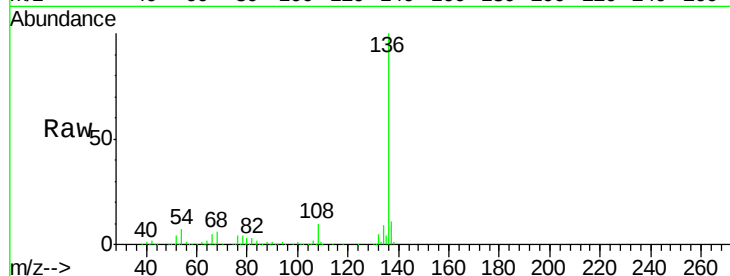




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115818.D
Acq: 27 Jul 2019 9:32

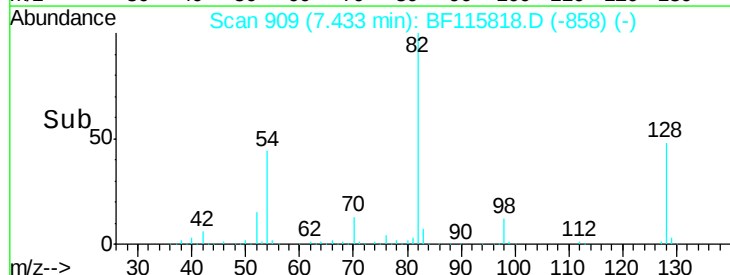
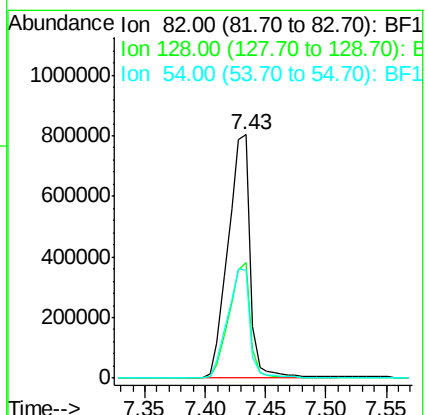
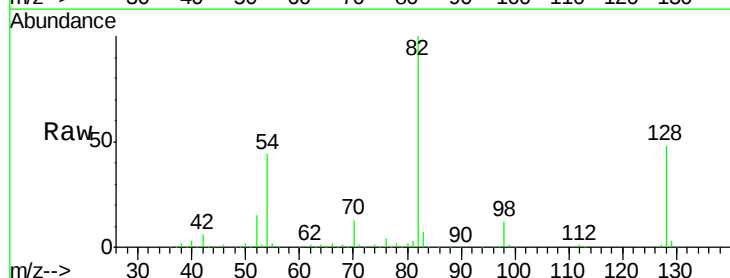
Instrument :
BNA_F
ClientSampleId :

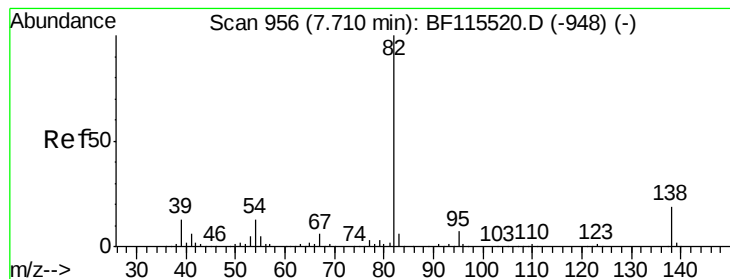
Tot Ion:136	Resp:	679181
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 6.8	5.0	7.6
68 5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 88.333 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF115818.D
Acq: 27 Jul 2019 9:32

Tgt	Ion: 82	Resp: 1031775	
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.6	55.0
54	44.4	36.6	54.8





#25

Isophorone

Concen: 44.019 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

Instrument :

BNA_F

ClientSampleId :

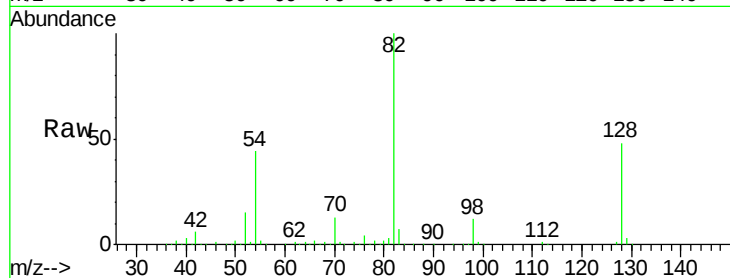
Tot Ion: 82 Resp: 1028850

Ion Ratio Lower Upper

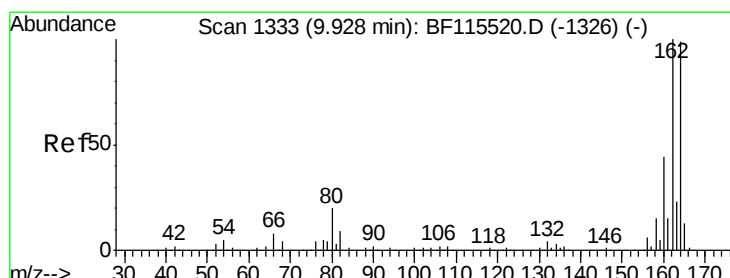
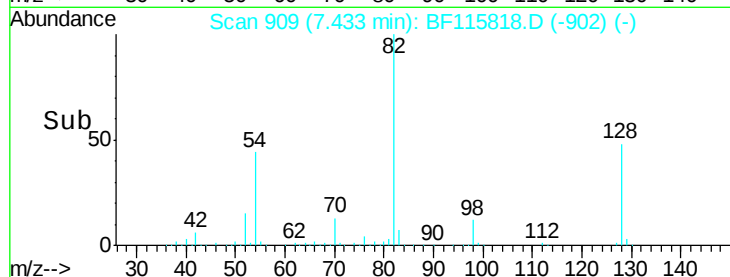
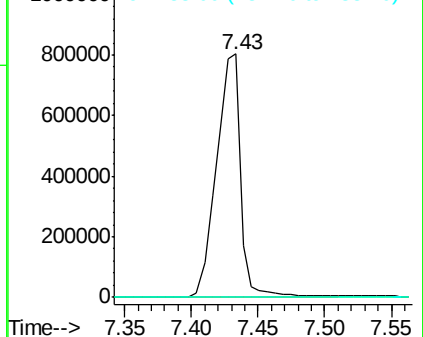
82 100

95 0.0 5.6 8.4#

138 0.0 14.2 21.4#



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

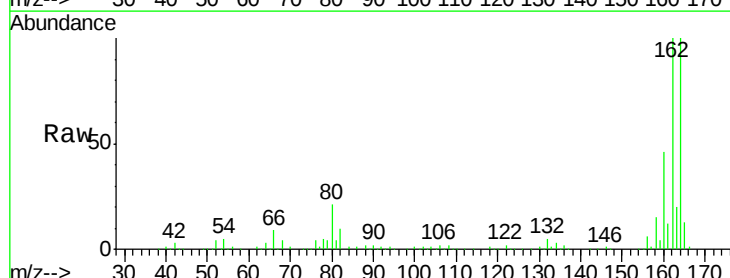
Tgt Ion: 164 Resp: 375236

Ion Ratio Lower Upper

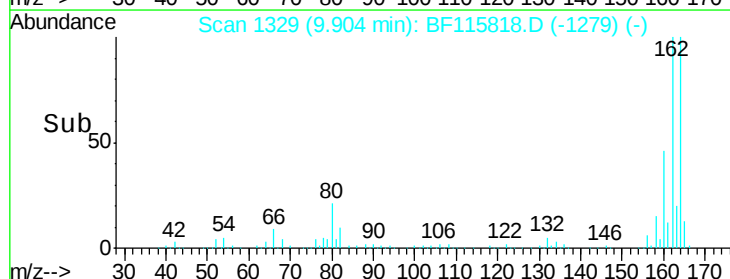
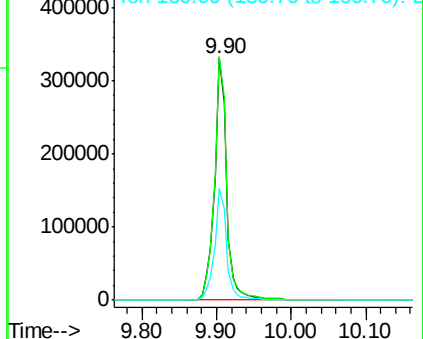
164 100

162 100.5 81.8 122.6

160 45.9 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

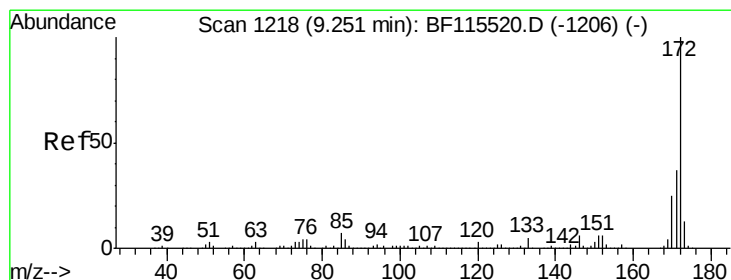
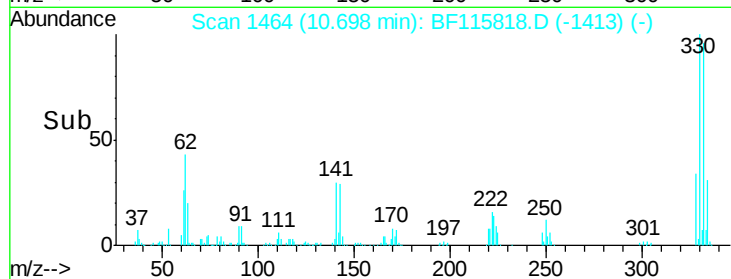
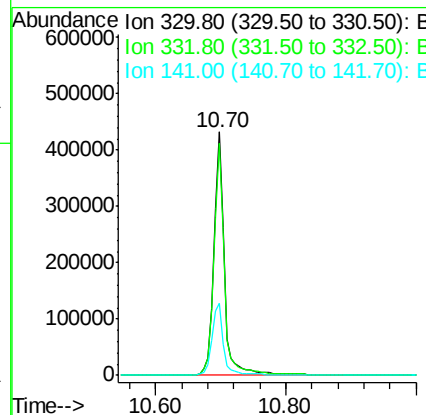
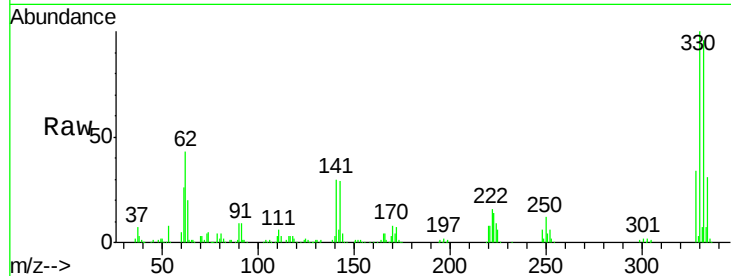




#42
 2,4,6-Tribromophenol
 Concen: 111.981 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF115818.D
 Acq: 27 Jul 2019 9:32

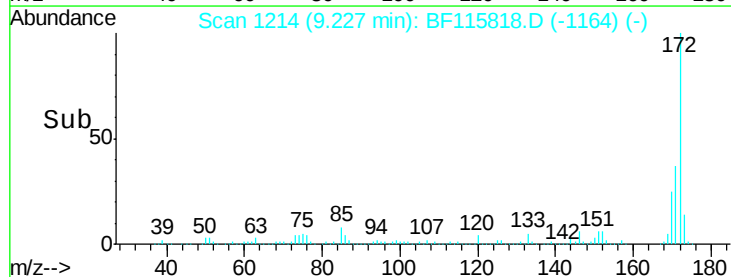
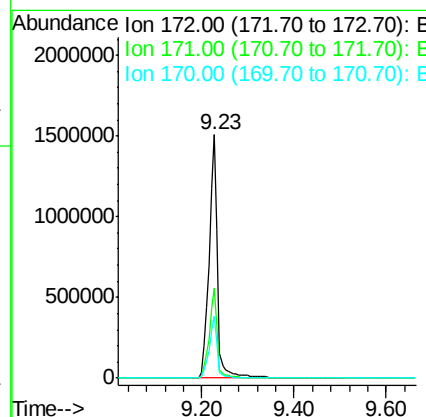
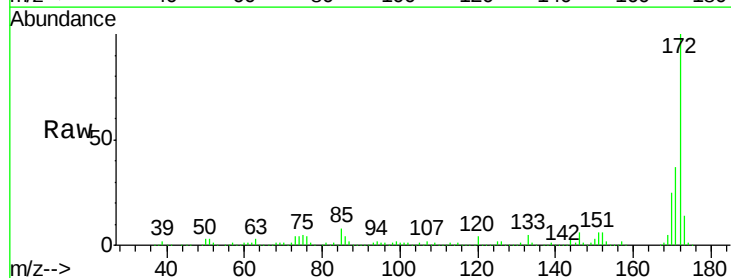
Instrument :
 BNA_F
 ClientSampleId :

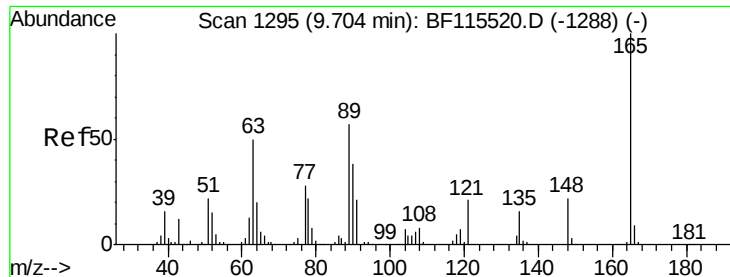
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	33.1	25.9	38.9



#45
 2-Fluorobiphenyl
 Concen: 92.453 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115818.D
 Acq: 27 Jul 2019 9:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.4
170	25.2	20.1	30.1

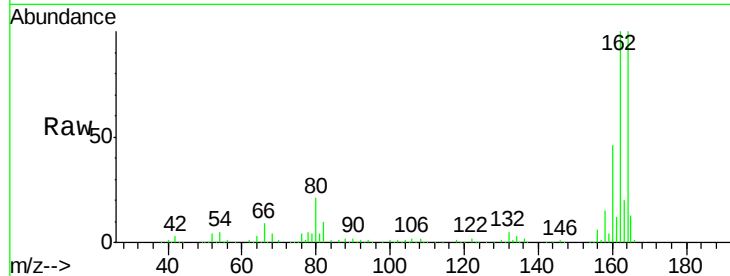




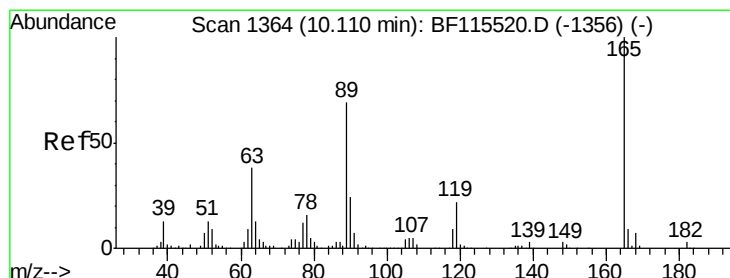
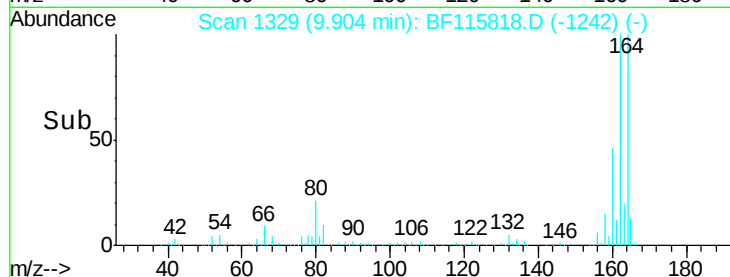
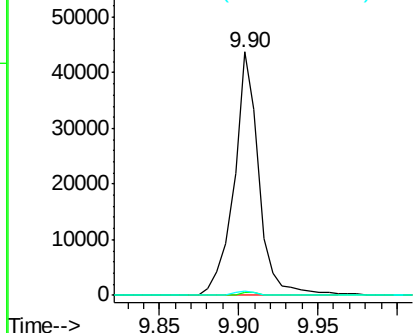
#51
 2,6-Dinitrotoluene
 Concen: 7.394 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.21 min
 Lab File: BF115818.D
 Acq: 27 Jul 2019 9:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.5	65.3#
89	1.5	46.3	69.5#

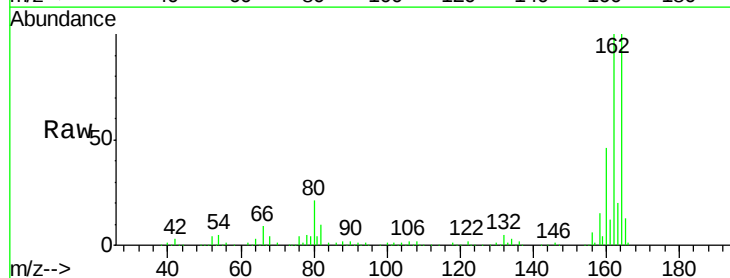


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

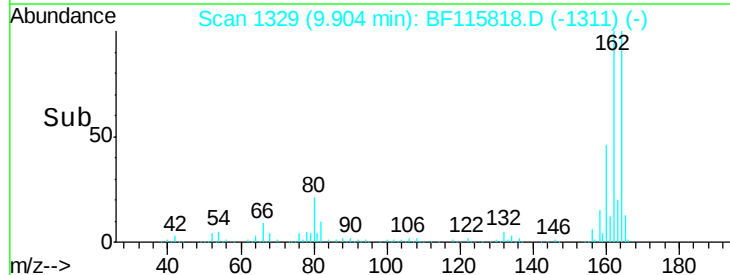
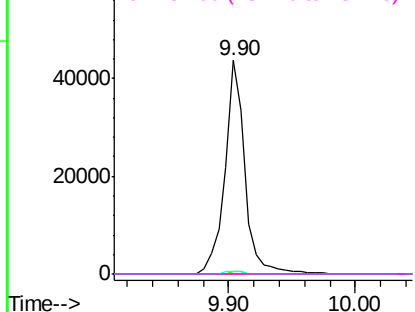


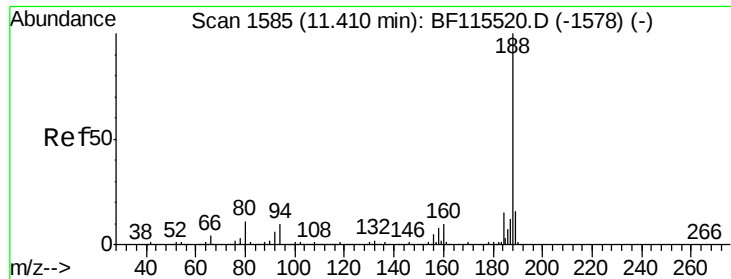
#57
 2,4-Dinitrotoluene
 Concen: 5.734 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.19 min
 Lab File: BF115818.D
 Acq: 27 Jul 2019 9:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.4	50.2#
89	1.5	57.3	85.9#
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: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

Instrument :

BNA_F

ClientSampleId :

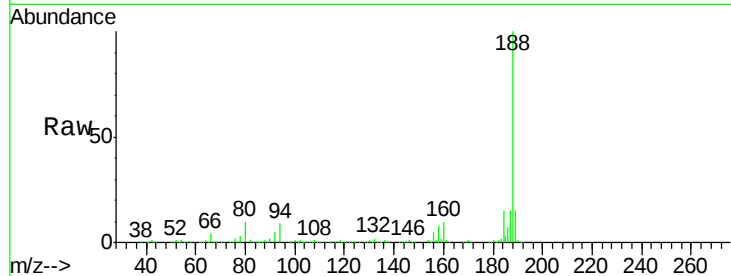
Tot Ion:188 Resp: 686268

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

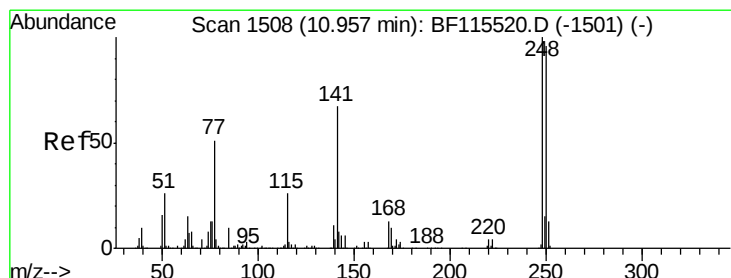
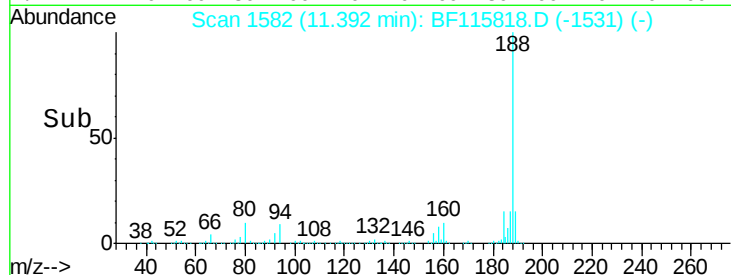
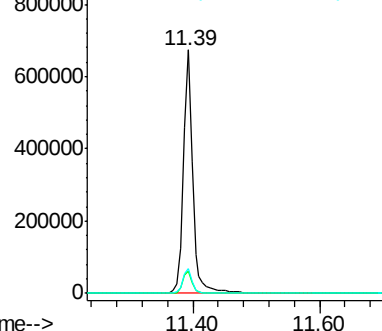
80 10.4 9.0 13.6



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: 3.698 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.24 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

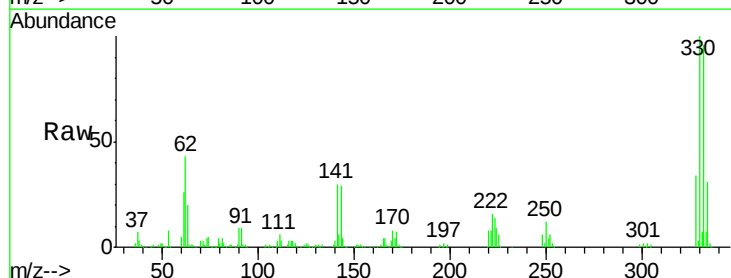
Tgt Ion:248 Resp: 28999

Ion Ratio Lower Upper

248 100

250 197.7 77.0 115.4#

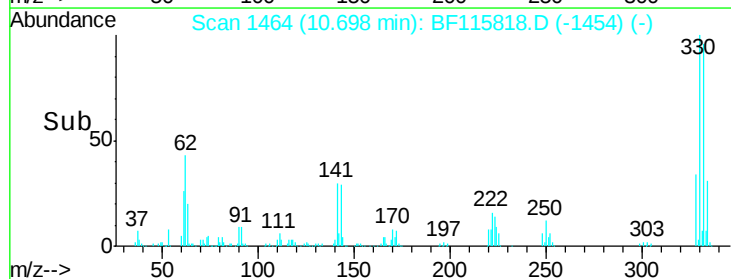
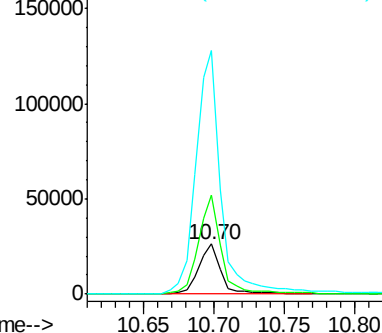
141 484.4 52.1 78.1#

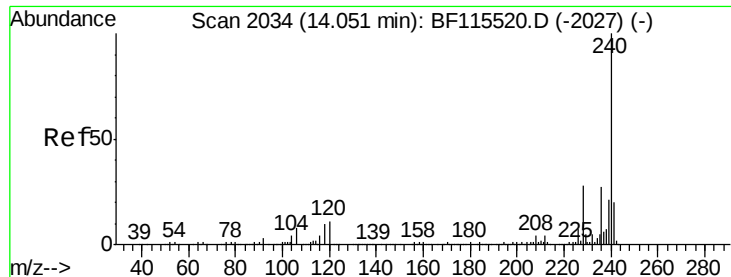


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

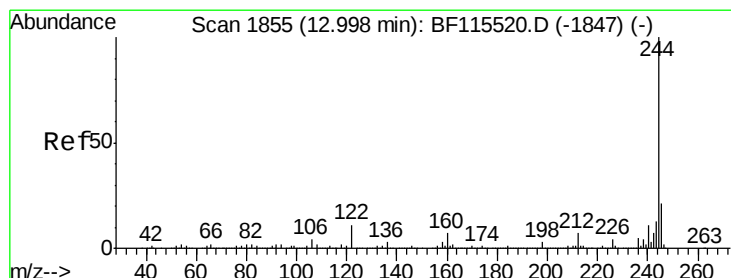
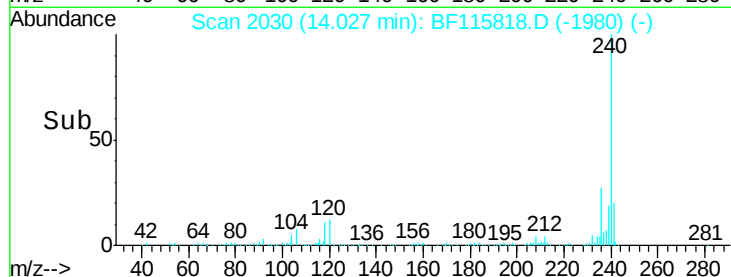
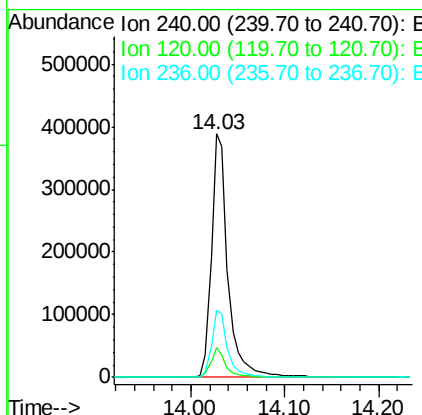
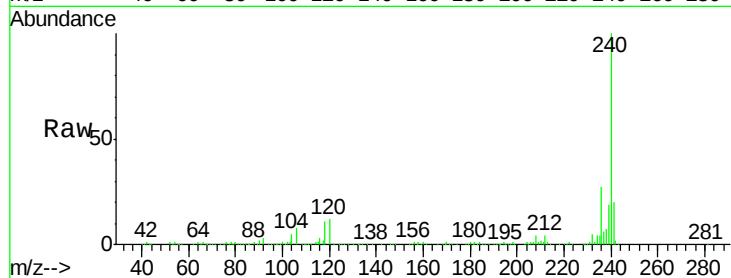




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115818.D
 Acq: 27 Jul 2019 9:32

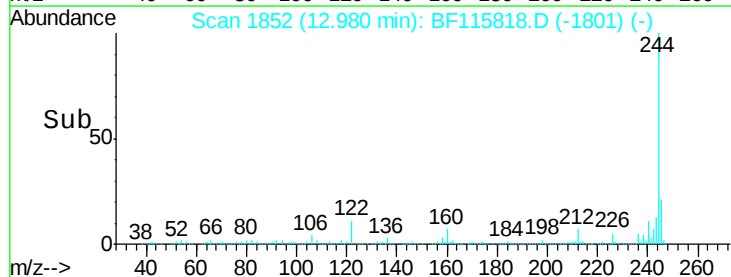
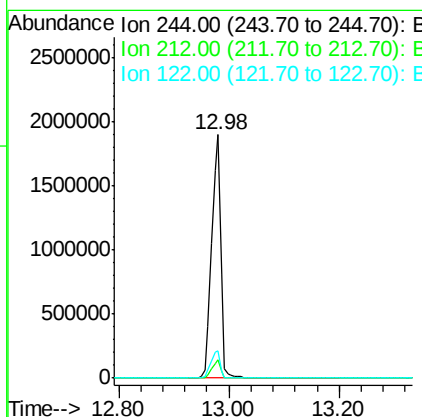
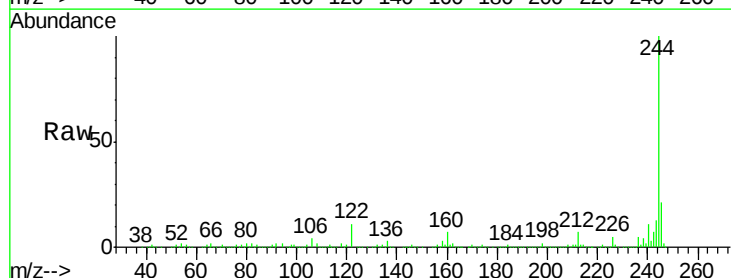
Instrument :
 BNA_F
 ClientSampleId :

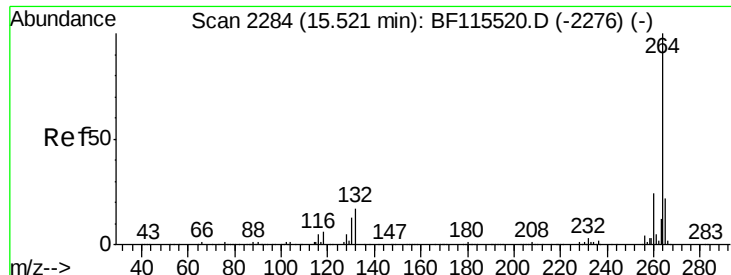
Tot Ion:240 Resp: 483081
 Ion Ratio Lower Upper
 240 100
 120 12.1 10.0 15.0
 236 27.4 21.8 32.6



#79
 Terphenyl-d14
 Concen: 82.149 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF115818.D
 Acq: 27 Jul 2019 9:32

Tgt Ion:244 Resp: 2150735
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.0 8.2 12.4

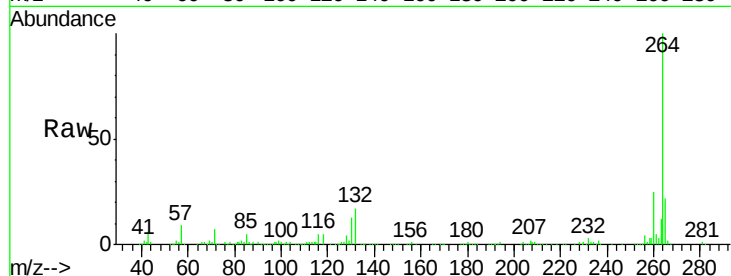




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115818.D
Acq: 27 Jul 2019 9:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.8	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

