

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115761.D
 Acq On : 25 Jul 2019 16:21
 Operator : HP/JU
 Sample : PB121703BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BL

Quant Time: Jul 26 05:47:00 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

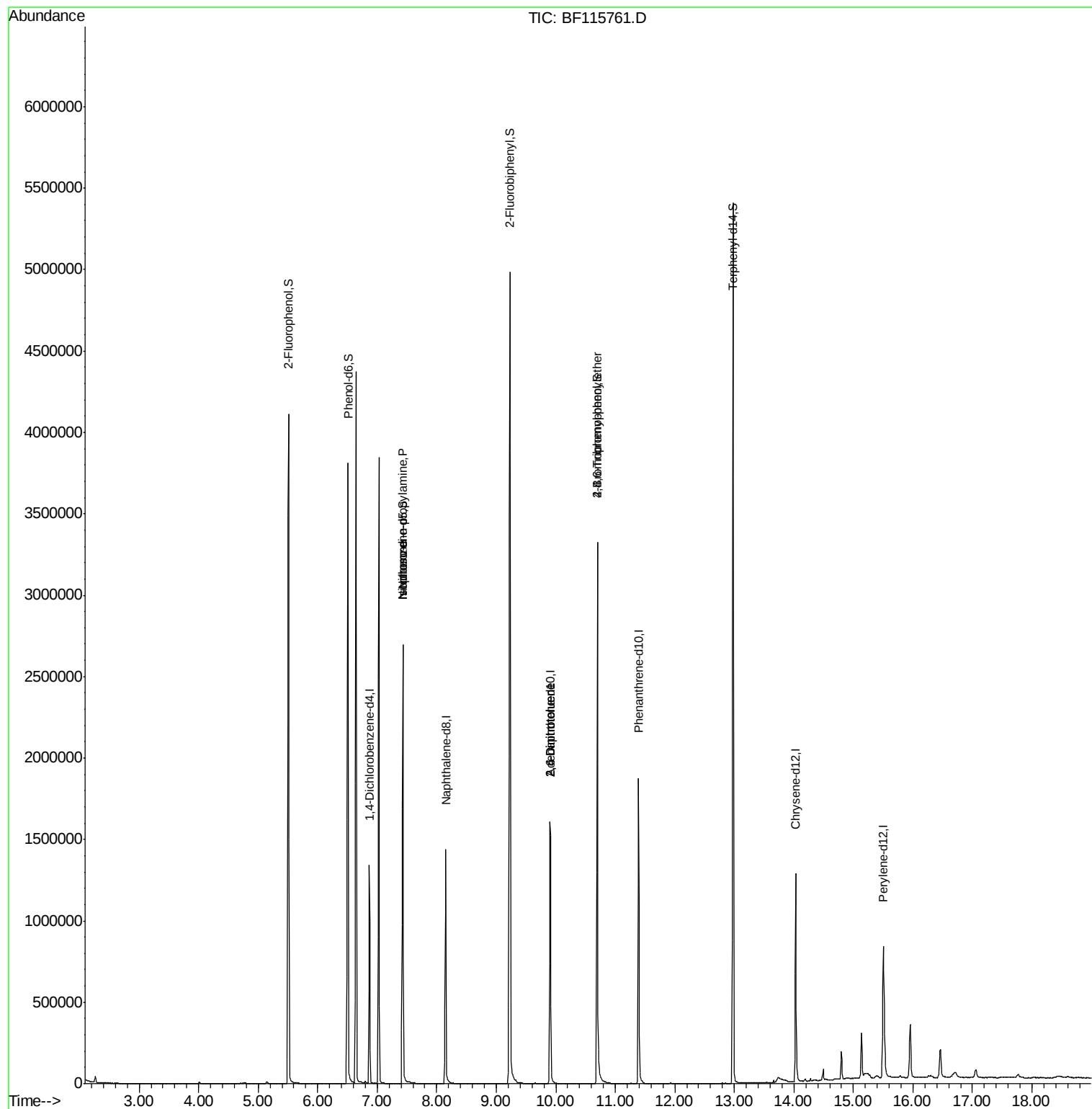
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	190452	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	739130	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	414463	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	741383	20.00	ng	0.00
76) Chrysene-d12	14.03	240	502705	20.00	ng	0.00
87) Perylene-d12	15.50	264	452357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1331337	114.34	ng	0.02
7) Phenol-d6	6.51	99	1731683	117.21	ng	0.00
23) Nitrobenzene-d5	7.43	82	1141011	89.76	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	534222	110.43	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2100905	88.72	ng	0.00
79) Terphenyl-d14	12.98	244	2263597	83.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	154078	15.991	ng	# 78
25) Isophorone	7.43	82	1138073	44.743	ng	# 65
51) 2,6-Dinitrotoluene	9.90	165	52213	7.368	ng	# 25
57) 2,4-Dinitrotoluene	9.90	165	52213	5.687	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	32056	3.784	ng	# 1

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

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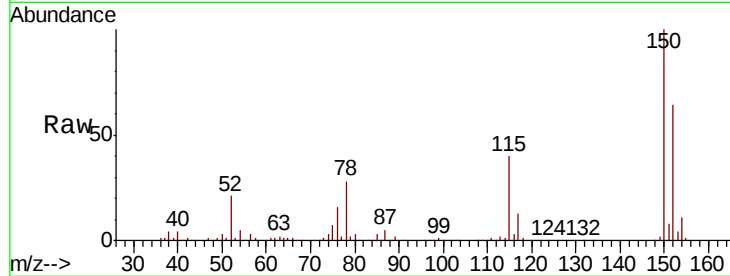


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115761.D
Acq: 25 Jul 2019 16:21

Instrument :
BNA_F
ClientSampleId :
PB121703BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	62.0	47.8	71.6

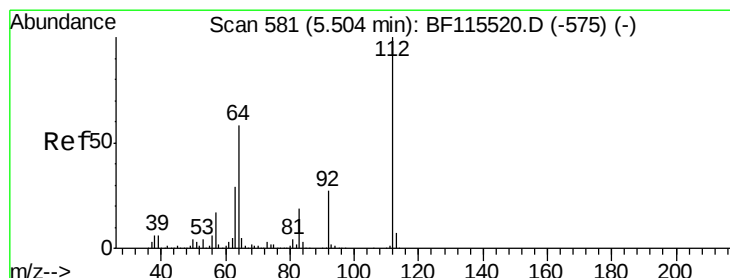
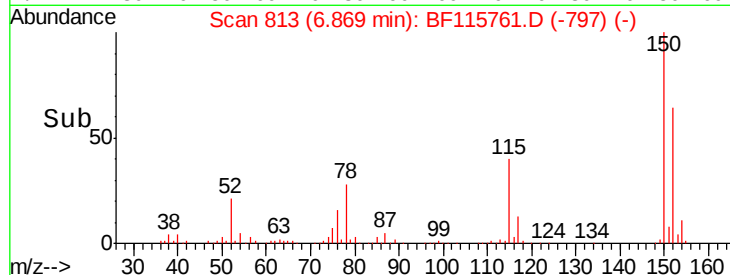
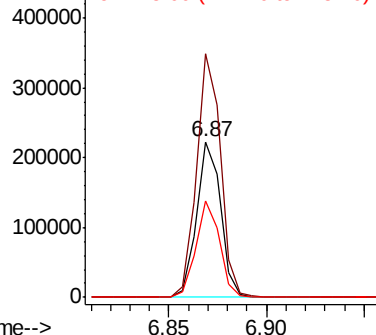


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

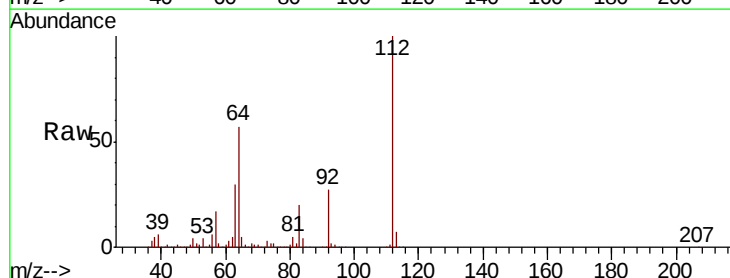
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.343 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF115761.D
Acq: 25 Jul 2019 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.8	68.8
63	29.8	23.6	35.4

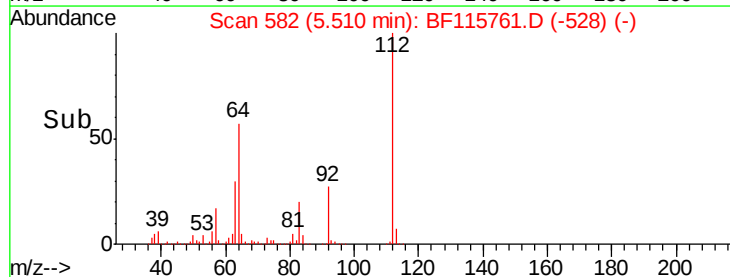
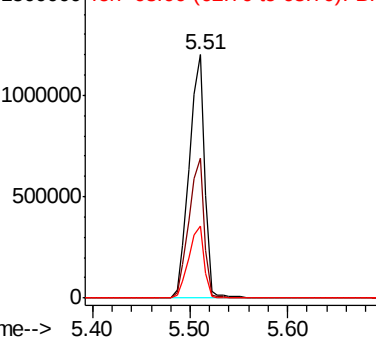


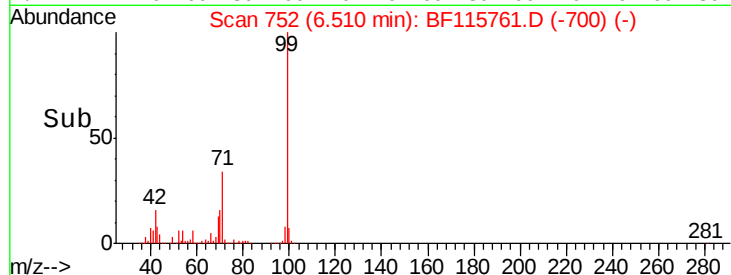
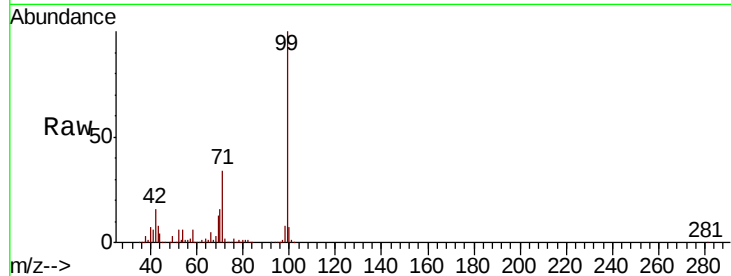
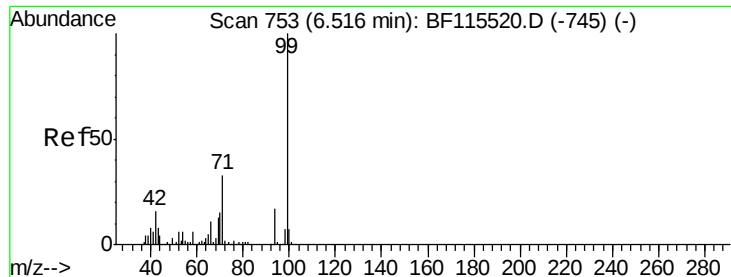
Abundance

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: 117.211 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115761.D

Acq: 25 Jul 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB121703BL

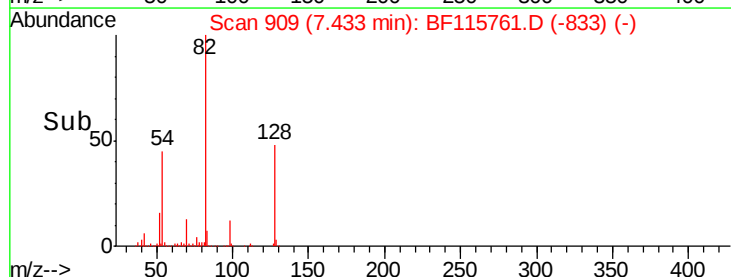
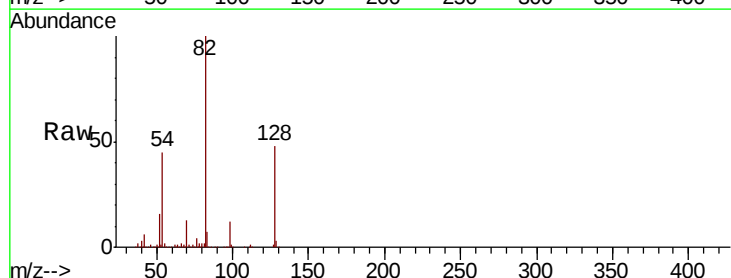
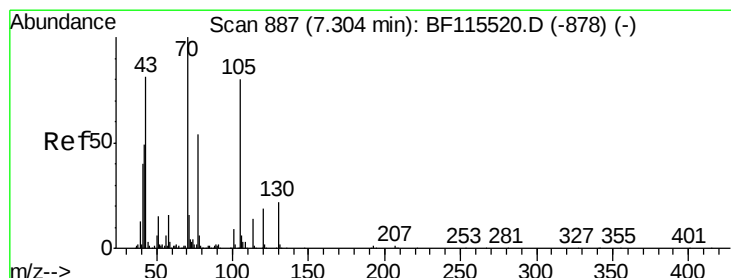
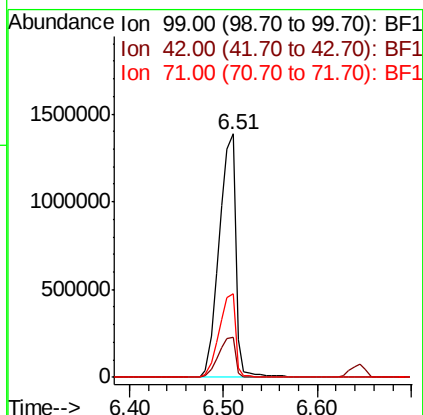
Tot Ion: 99 Resp: 1731683

Ion Ratio Lower Upper

99 100

42 16.3 13.4 20.2

71 34.4 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.991 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF115761.D

Acq: 25 Jul 2019 16:21

Tgt Ion: 70 Resp: 154078

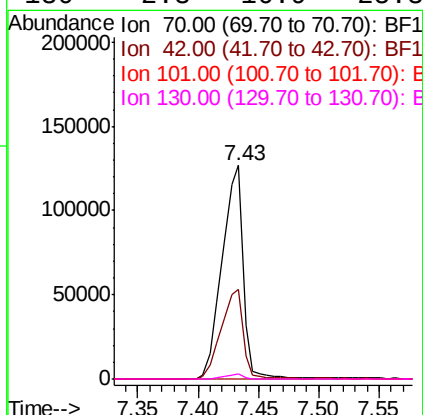
Ion Ratio Lower Upper

70 100

42 42.2 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: BF115761.D

Acq: 25 Jul 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB121703BL

Tot Ion:136 Resp: 739130

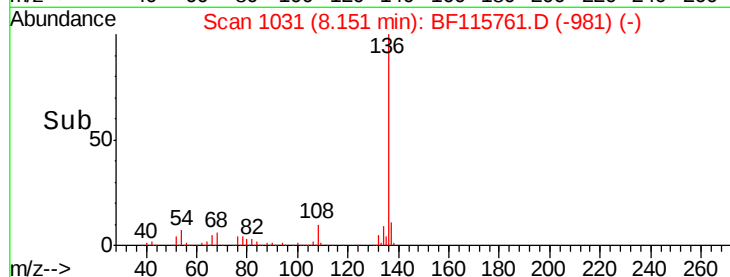
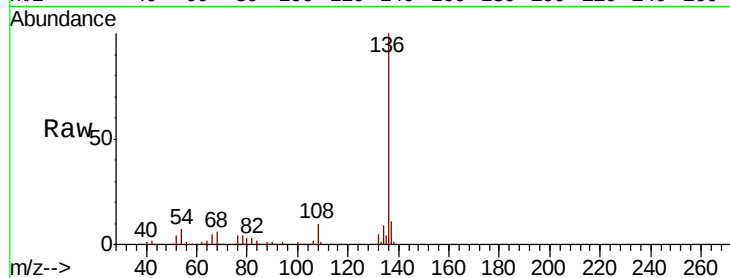
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.9 5.0 7.6

68 6.1 4.7 7.1

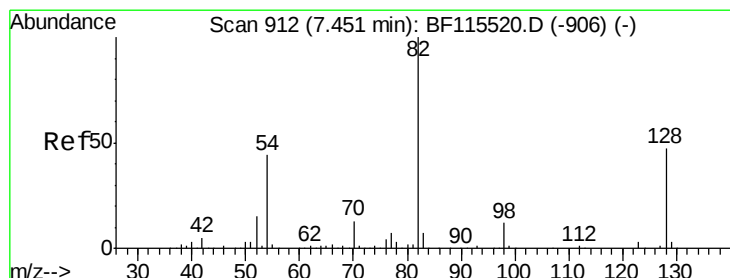
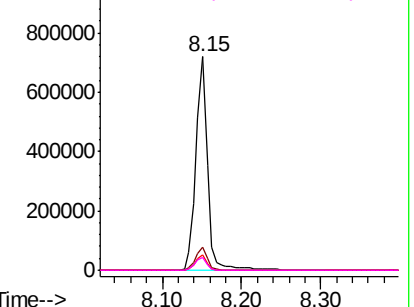


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.762 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF115761.D

Acq: 25 Jul 2019 16:21

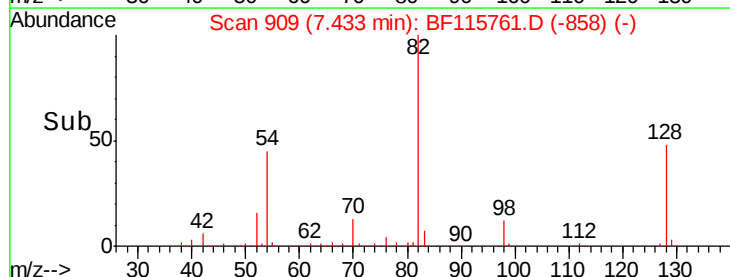
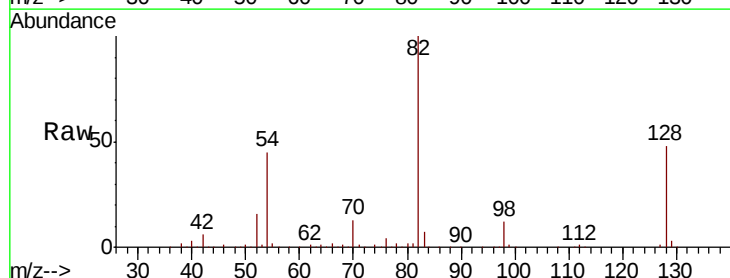
Tgt Ion: 82 Resp: 1141011

Ion Ratio Lower Upper

82 100

128 47.9 36.6 55.0

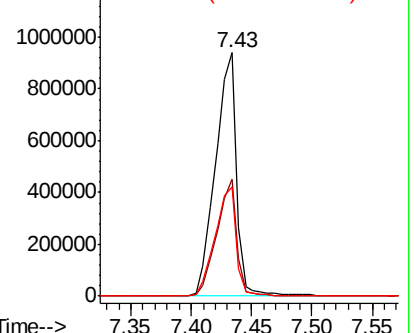
54 44.9 36.6 54.8



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: 44.743 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF115761.D

Acq: 25 Jul 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB121703BL

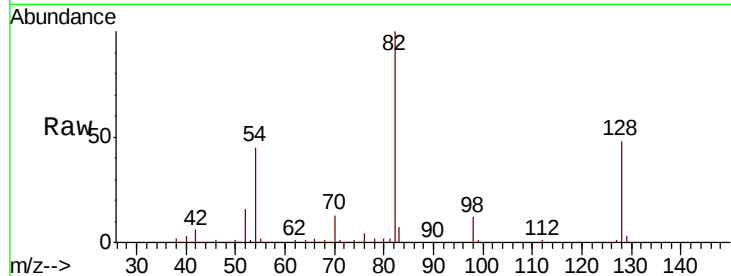
Tot Ion: 82 Resp: 1138073

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

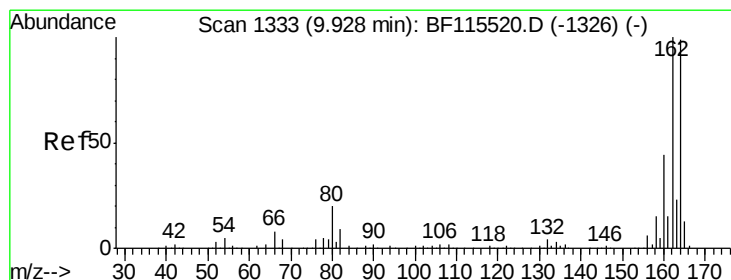
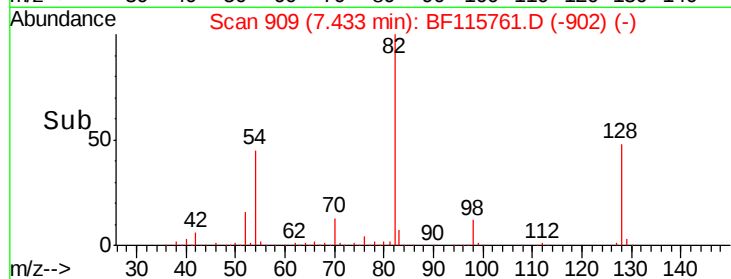
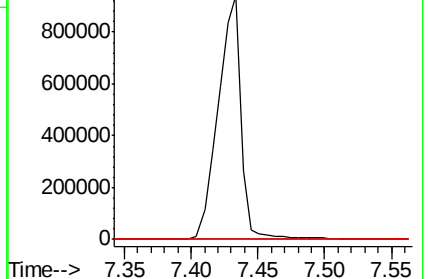
138 0.0 14.2 21.4#



Abundance Ion 82.00 (81.70 to 82.70): BF115520.D (-948) (-)

Ion 95.00 (94.70 to 95.70): BF115520.D (-948) (-)

Ion 138.00 (137.70 to 138.70): BF115520.D (-948) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115761.D

Acq: 25 Jul 2019 16:21

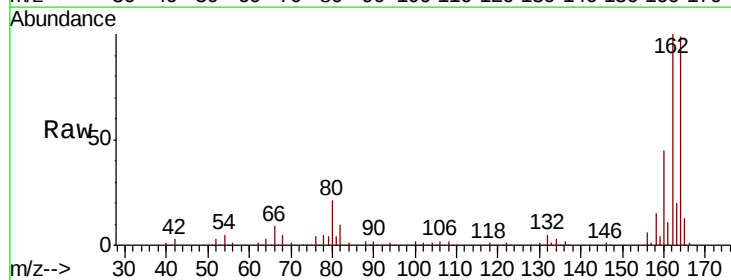
Tgt Ion: 164 Resp: 414463

Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.6

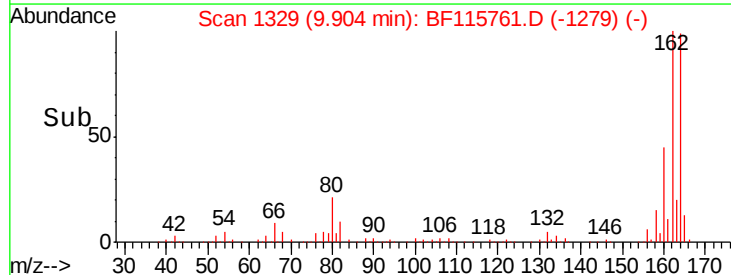
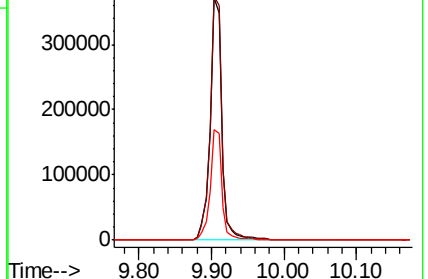
160 45.8 37.5 56.3

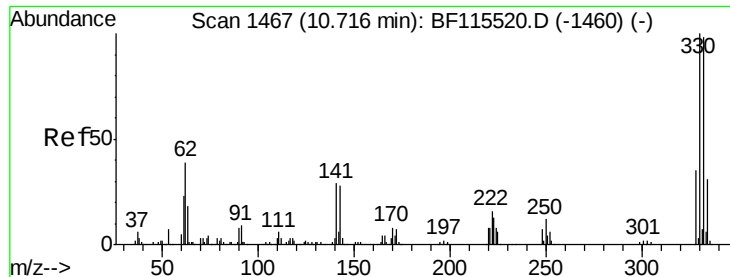


Abundance Ion 164.00 (163.70 to 164.70): BF115520.D (-1326) (-)

Ion 162.00 (161.70 to 162.70): BF115520.D (-1326) (-)

Ion 160.00 (159.70 to 160.70): BF115520.D (-1326) (-)

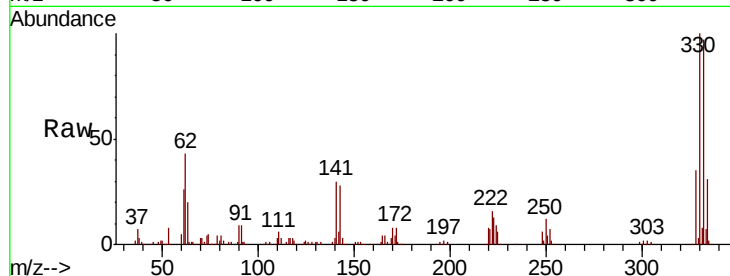




#42
 2,4,6-Tribromophenol
 Concen: 110.427 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF115761.D
 Acq: 25 Jul 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	31.3	25.9	38.9

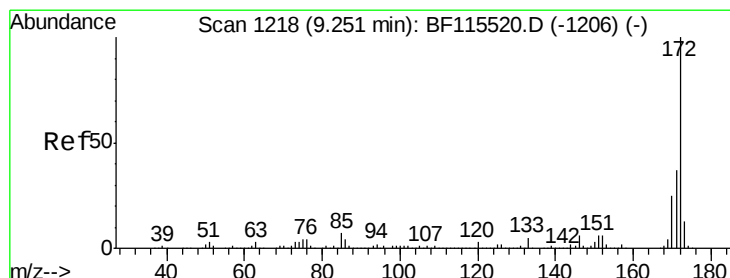
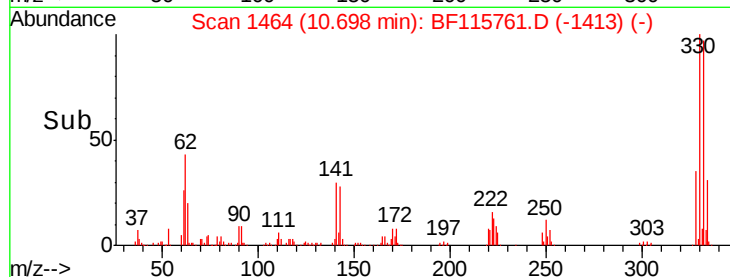
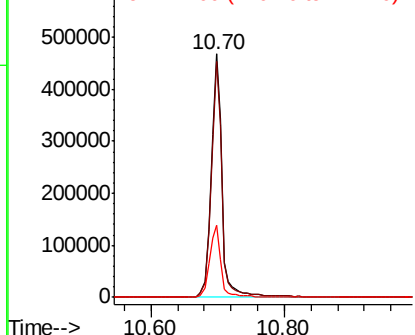


Abundance

Ion 329.80 (329.50 to 330.50): E

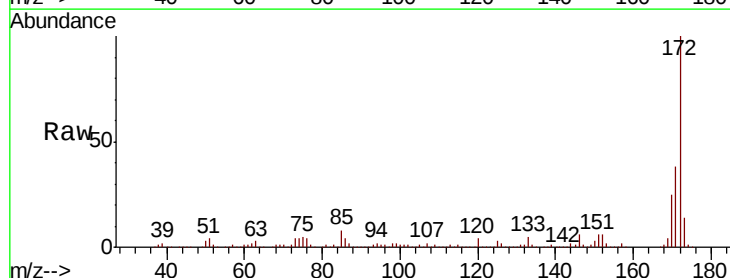
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.722 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115761.D
 Acq: 25 Jul 2019 16:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.4
170	25.2	20.1	30.1

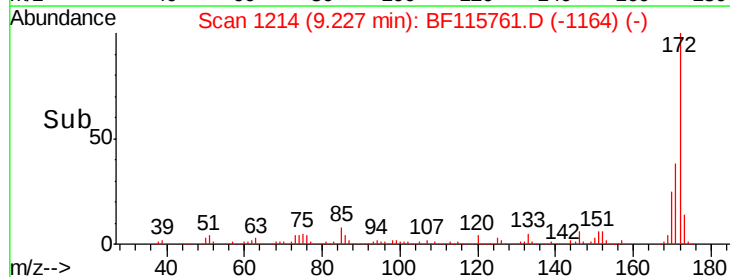
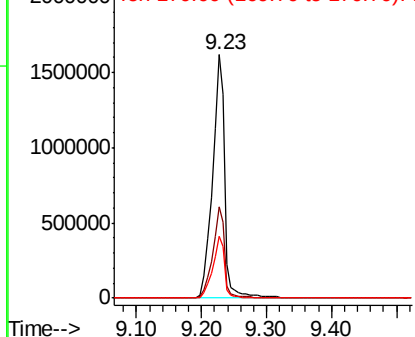


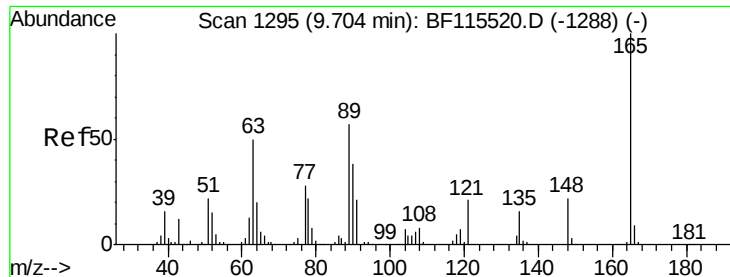
Abundance

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

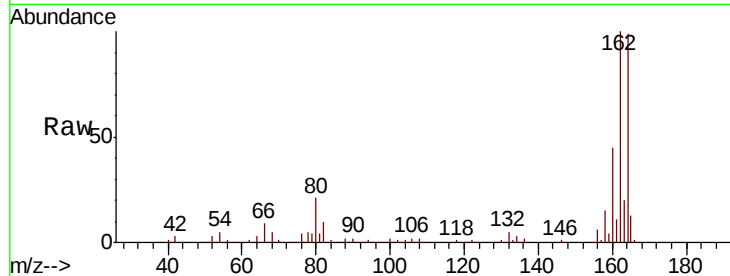




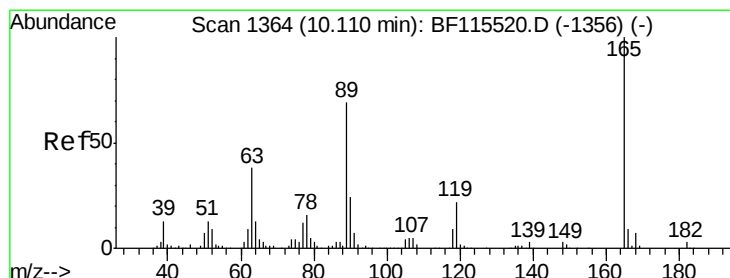
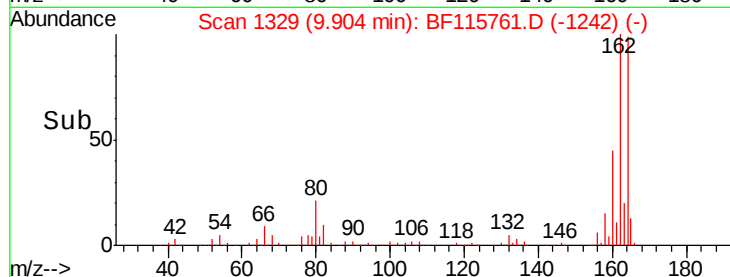
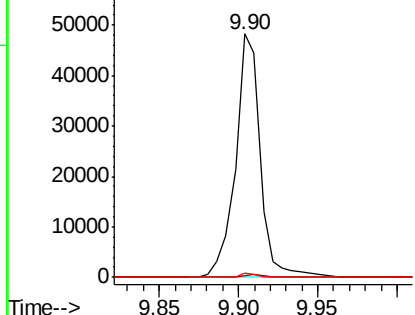
#51
 2,6-Dinitrotoluene
 Concen: 7.368 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.21 min
 Lab File: BF115761.D
 Acq: 25 Jul 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.5	65.3#
89	1.6	46.3	69.5#



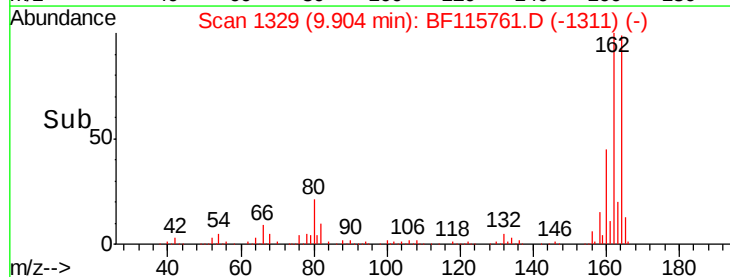
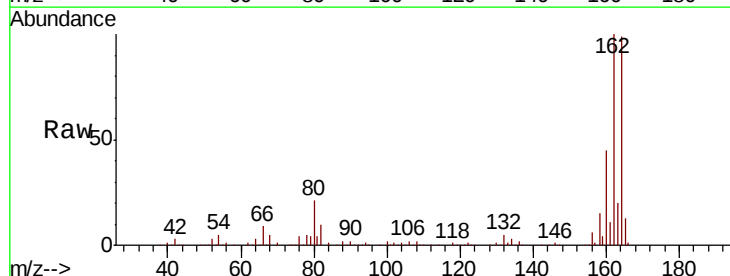
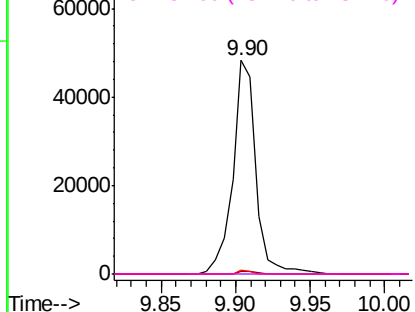
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

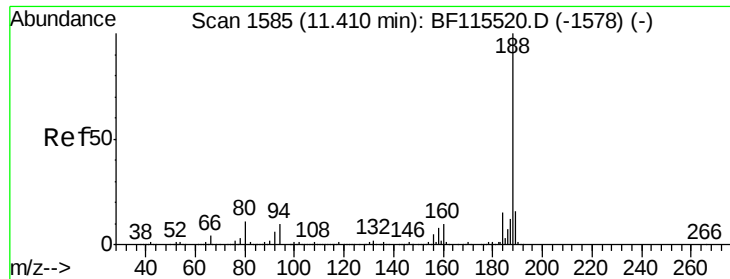


#57
 2,4-Dinitrotoluene
 Concen: 5.687 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.19 min
 Lab File: BF115761.D
 Acq: 25 Jul 2019 16:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.4	50.2#
89	1.6	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: BF115761.D

Acq: 25 Jul 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB121703BL

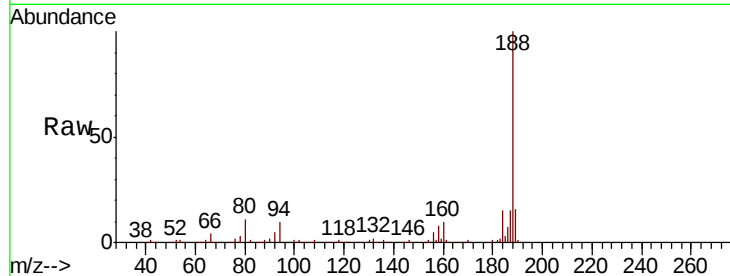
Tot Ion:188 Resp: 741383

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

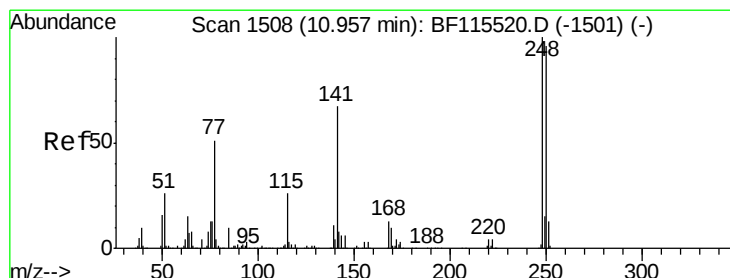
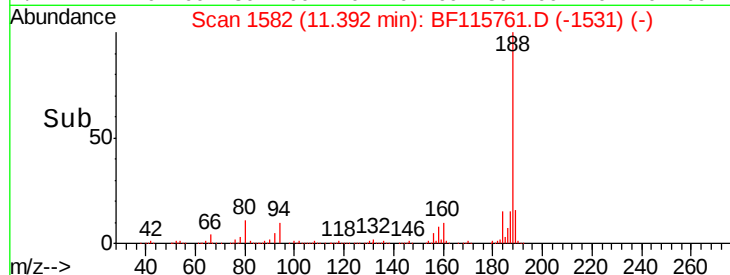
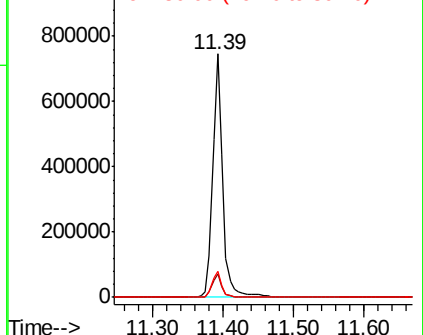
80 10.6 9.0 13.6



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: 3.784 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.24 min

Lab File: BF115761.D

Acq: 25 Jul 2019 16:21

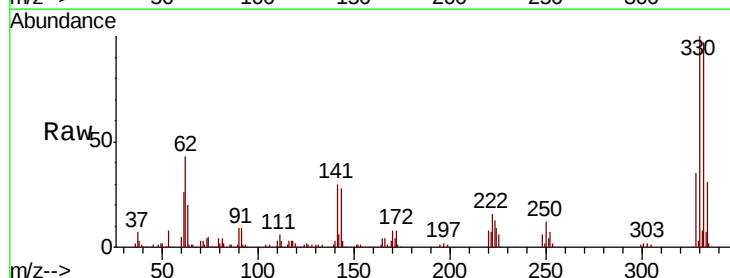
Tgt Ion:248 Resp: 32056

Ion Ratio Lower Upper

248 100

250 197.8 77.0 115.4#

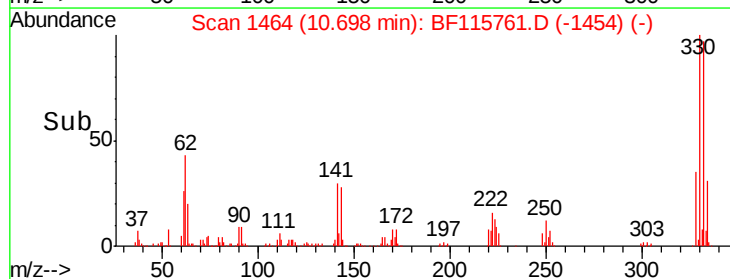
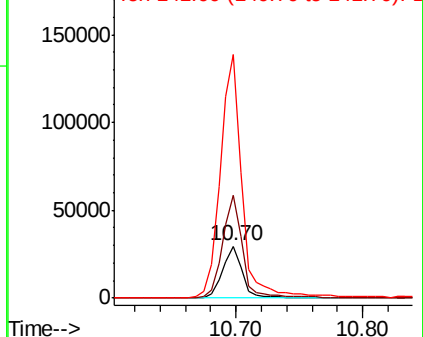
141 469.2 52.1 78.1#

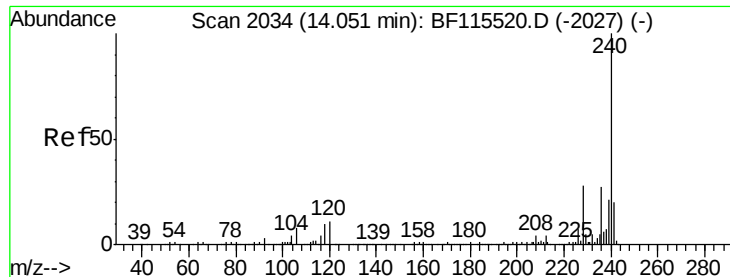


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

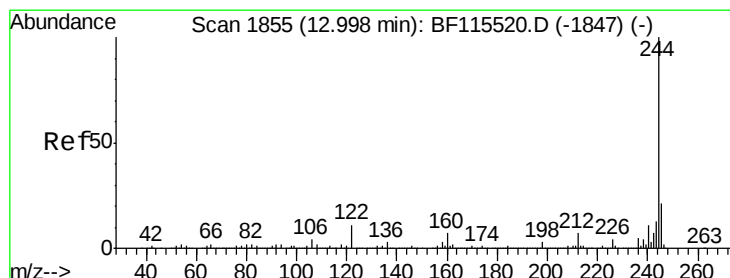
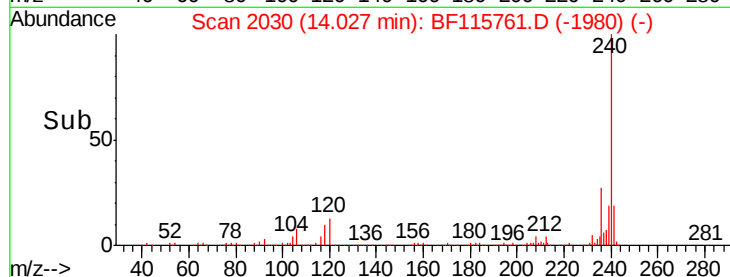
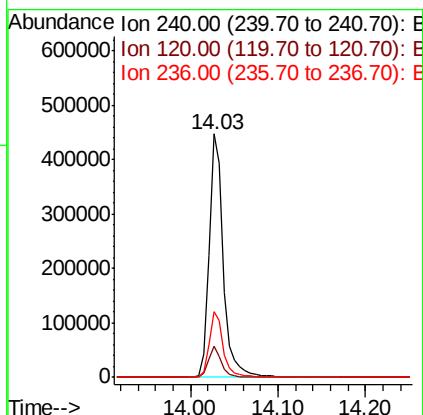
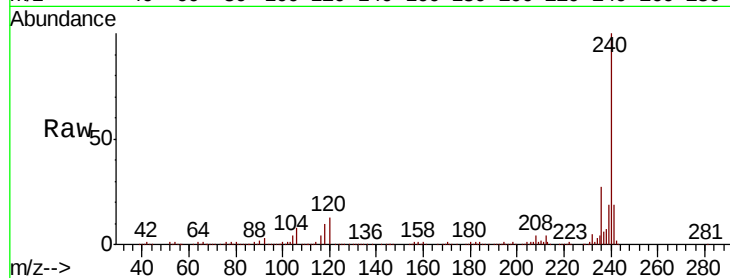




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115761.D
 Acq: 25 Jul 2019 16:21

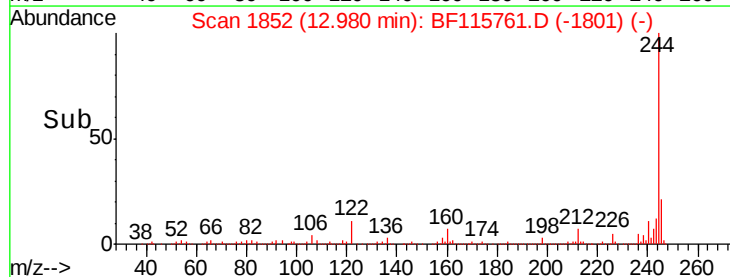
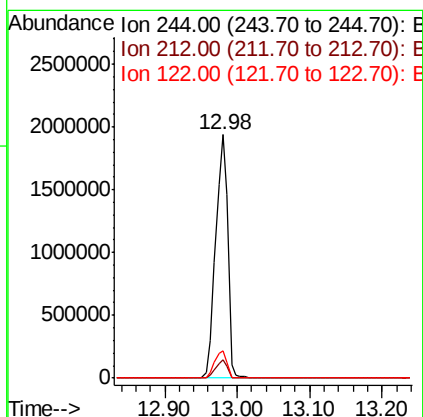
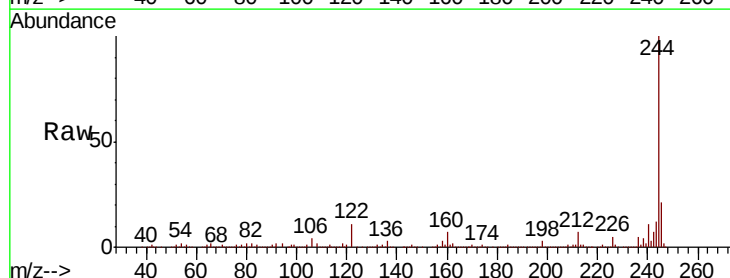
Instrument :
 BNA_F
 ClientSampleId :
 PB121703BL

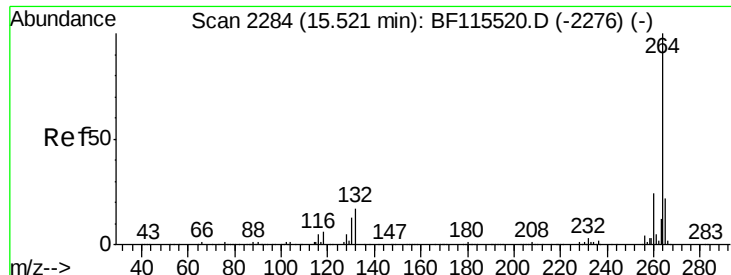
Tot Ion:240 Resp: 502705
 Ion Ratio Lower Upper
 240 100
 120 12.6 10.0 15.0
 236 27.2 21.8 32.6



#79
 Terphenyl-d14
 Concen: 83.085 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF115761.D
 Acq: 25 Jul 2019 16:21

Tgt Ion:244 Resp: 2263597
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.3 8.2 12.4

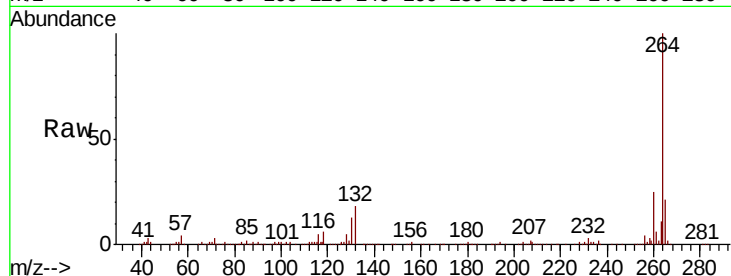




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF115761.D
Acq: 25 Jul 2019 16:21

Instrument :
BNA_F
ClientSampleId :
PB121703BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	21.4	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

