

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115553.D
 Acq On : 15 Jul 2019 9:27
 Operator : HP/JU
 Sample : PB121250BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:34:30 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

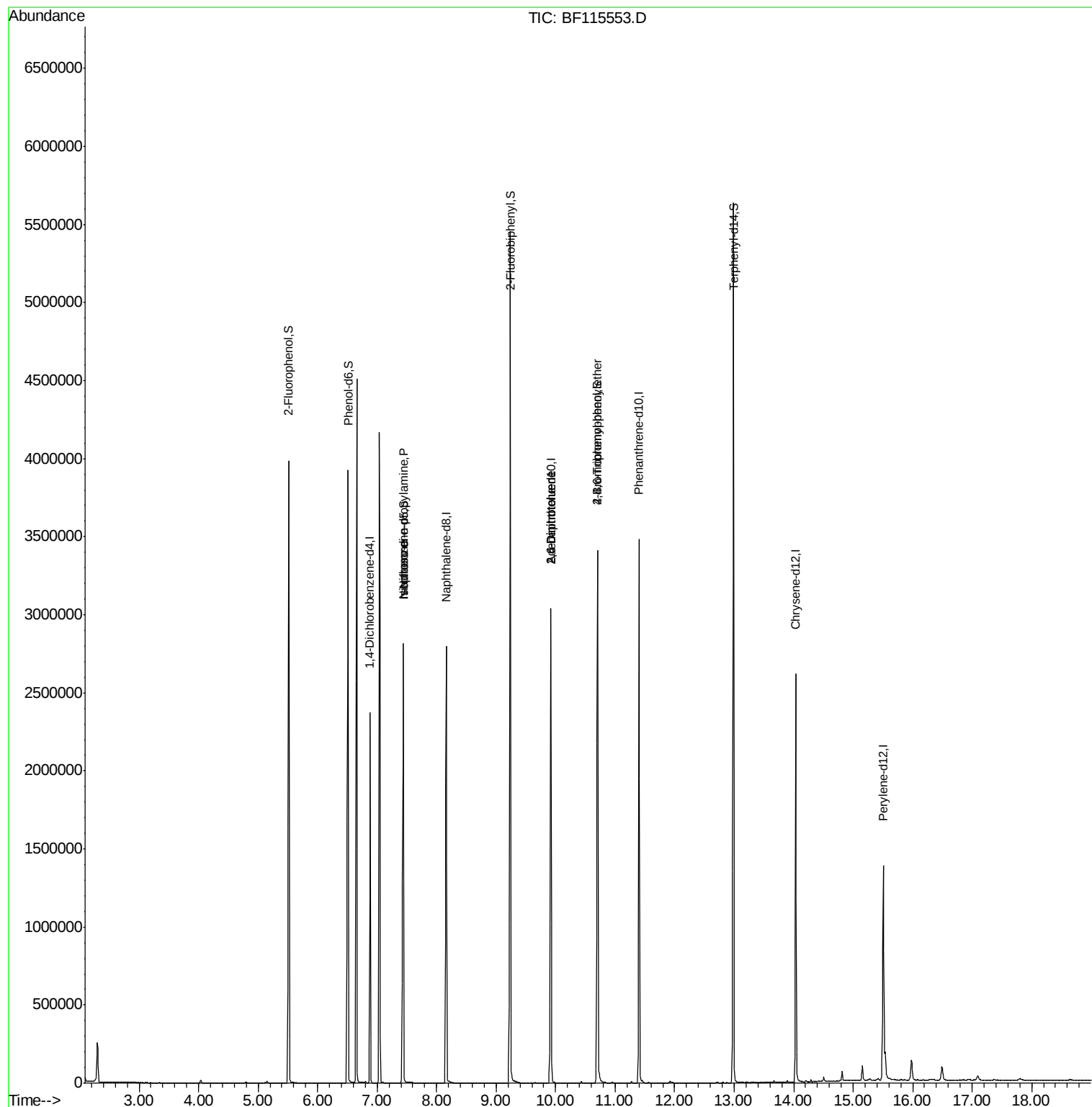
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	352216	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1378420	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	705869	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1316309	20.00	ng	0.00
76) Chrysene-d12	14.04	240	898946	20.00	ng	-0.01
87) Perylene-d12	15.51	264	772226	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1384154	64.28	ng	0.01
7) Phenol-d6	6.52	99	1800340	65.89	ng	0.00
23) Nitrobenzene-d5	7.44	82	1169018	49.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	557979	67.72	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2121121	52.60	ng	-0.01
79) Terphenyl-d14	12.99	244	2289132	46.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	155545	8.729	ng	# 77
25) Isophorone	7.44	82	1135992	23.948	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	90773	7.521	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	90773	5.805	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	33646	2.237	ng	# 1

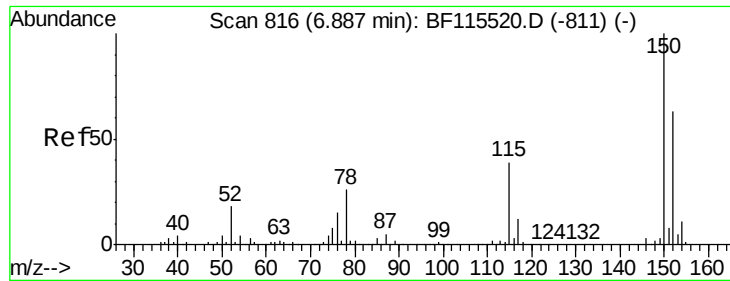
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115553.D
Acq On : 15 Jul 2019 9:27
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Sample : PB121250BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 16 01:34:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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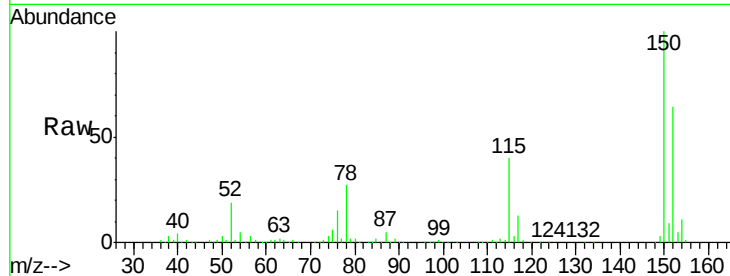


#1

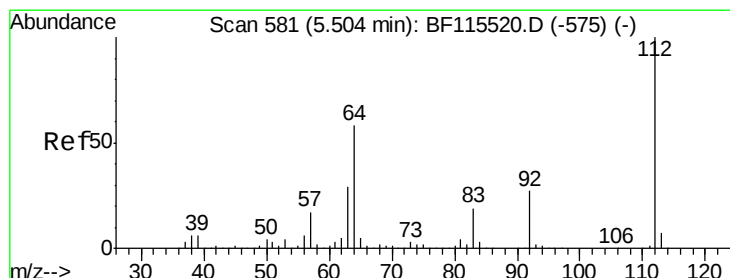
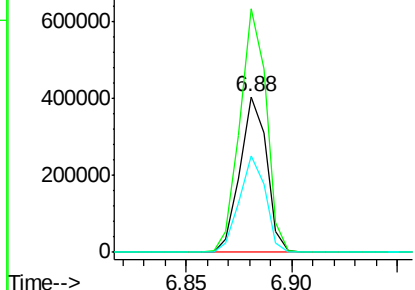
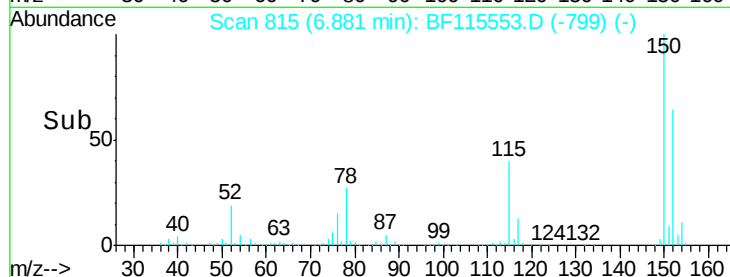
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115553.D
Acq: 15 Jul 2019 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 352216
Ion Ratio Lower Upper
152 100
150 156.2 129.7 194.5
115 62.0 48.2 72.4



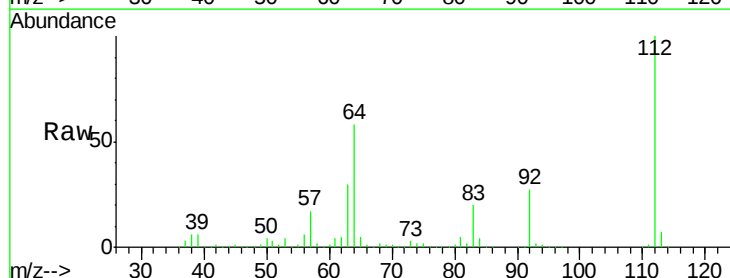
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



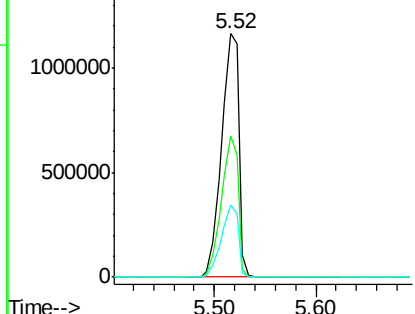
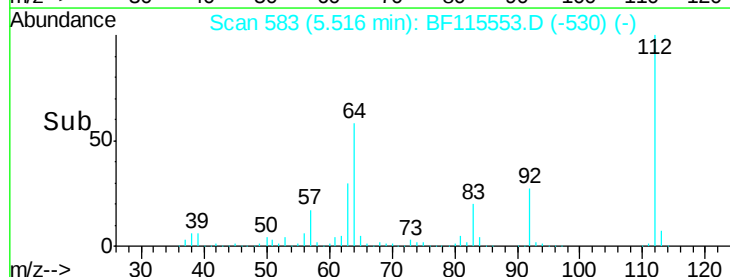
#5

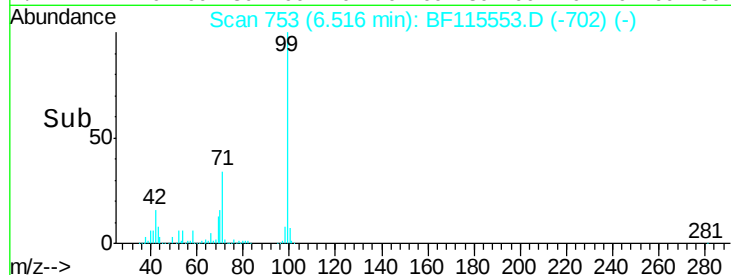
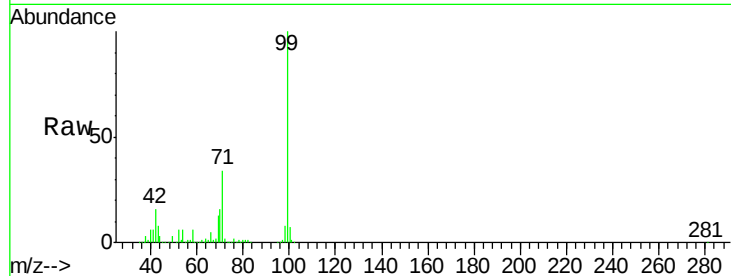
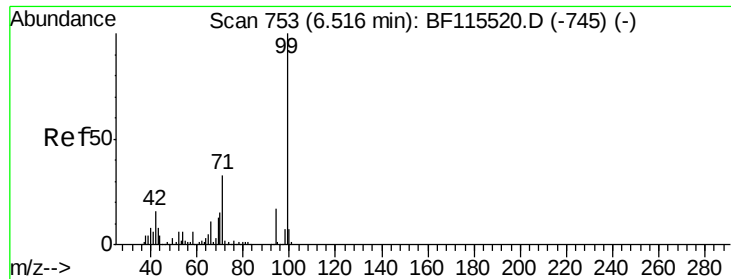
2-Fluorophenol
Concen: 64.281 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115553.D
Acq: 15 Jul 2019 9:27

Tgt Ion:112 Resp: 1384154
Ion Ratio Lower Upper
112 100
64 57.8 46.8 70.2
63 29.8 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: 65.892 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115553.D

Acq: 15 Jul 2019 9:27

Instrument :

BNA_F

ClientSampleId :

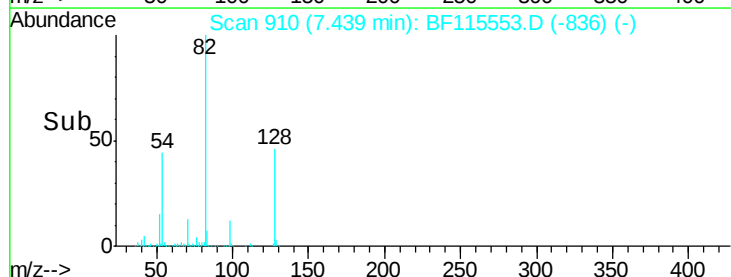
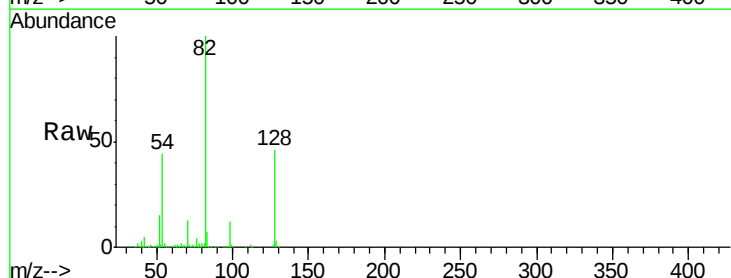
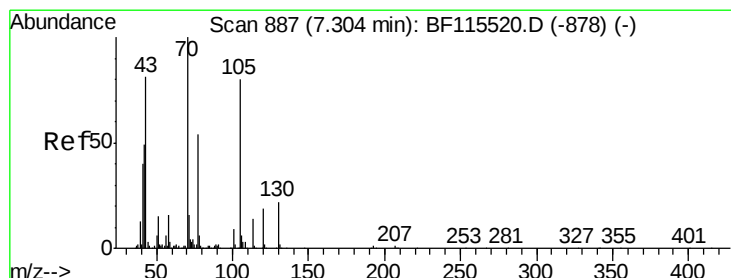
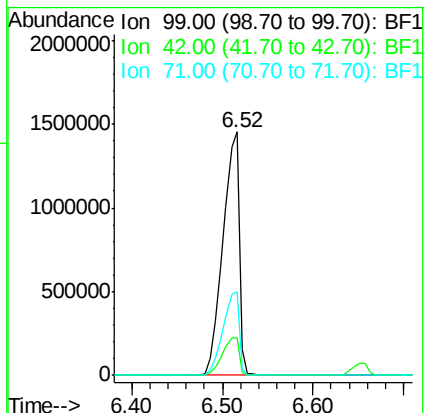
Tot Ion: 99 Resp: 1800340

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

71 34.3 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 8.729 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115553.D

Acq: 15 Jul 2019 9:27

Tgt Ion: 70 Resp: 155545

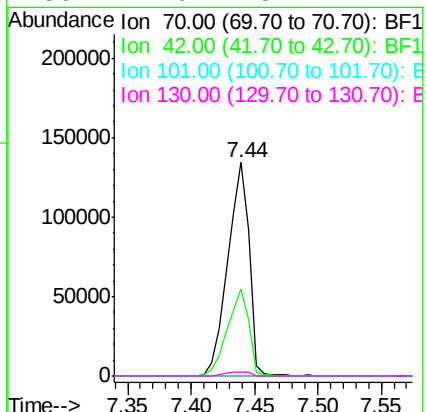
Ion Ratio Lower Upper

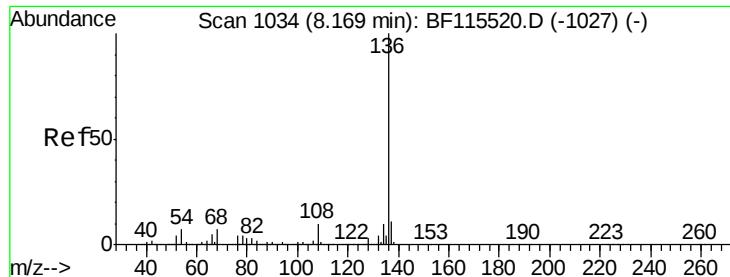
70 100

42 40.5 39.6 59.4

101 0.0 8.1 12.1#

130 2.0 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: BF115553.D

Acq: 15 Jul 2019 9:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1378420

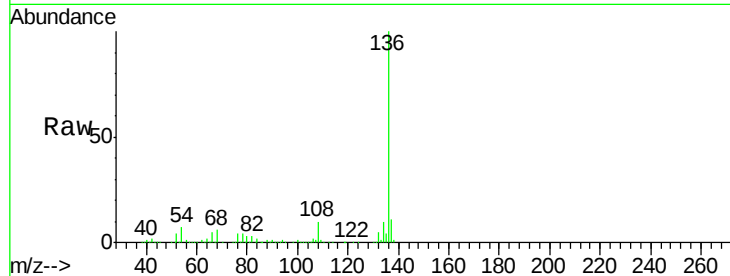
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.9 5.6 8.4

68 6.3 5.0 7.6

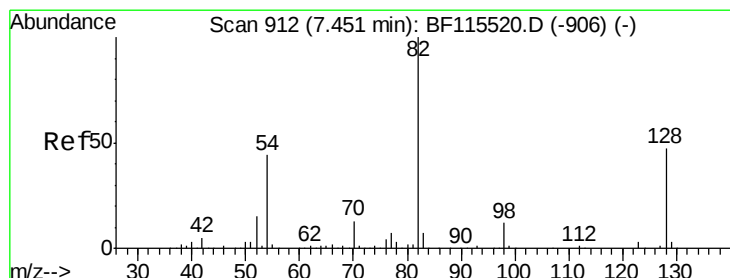
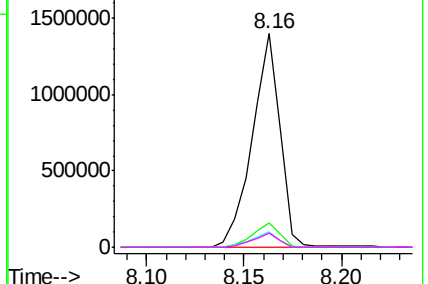
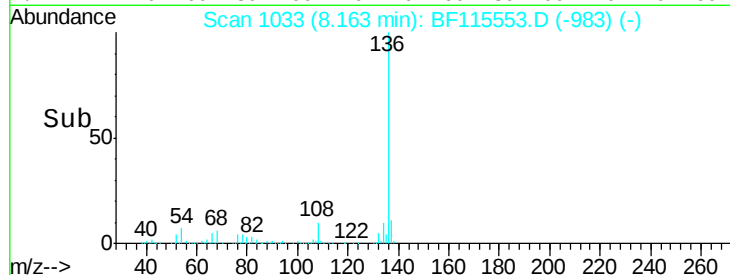


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.313 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115553.D

Acq: 15 Jul 2019 9:27

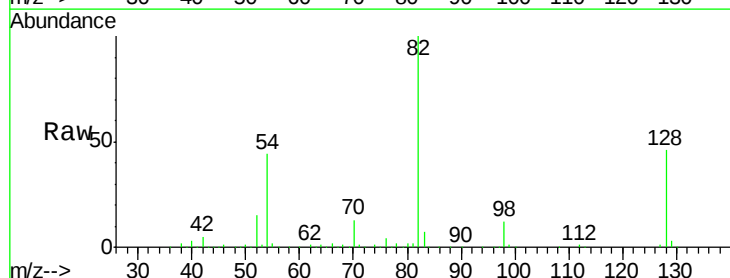
Tgt Ion: 82 Resp: 1169018

Ion Ratio Lower Upper

82 100

128 46.3 38.6 57.8

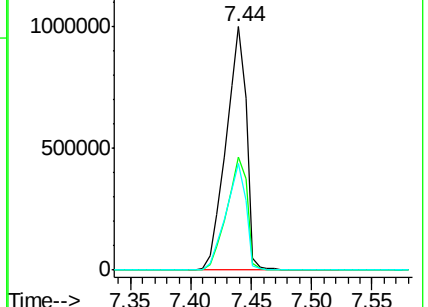
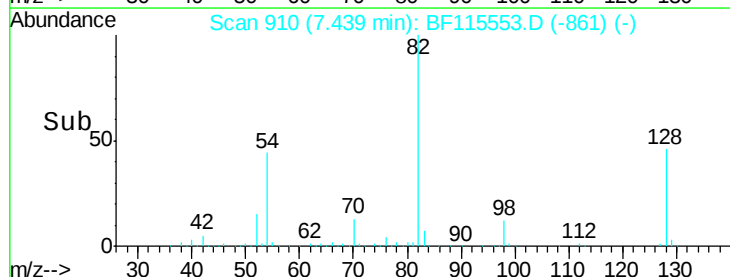
54 43.8 35.6 53.4

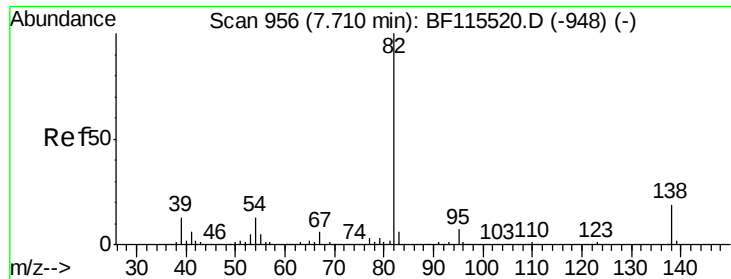


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 23.948 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115553.D

Acq: 15 Jul 2019 9:27

Instrument :

BNA_F

ClientSampleId :

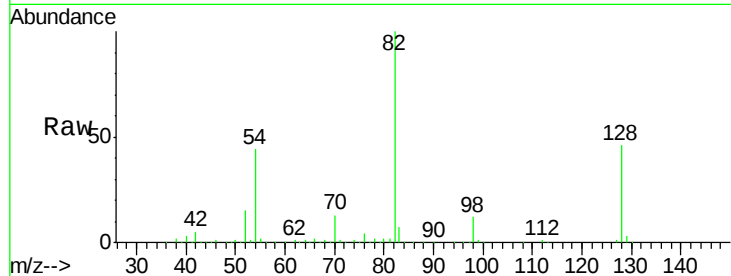
Tot Ion: 82 Resp: 1135992

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

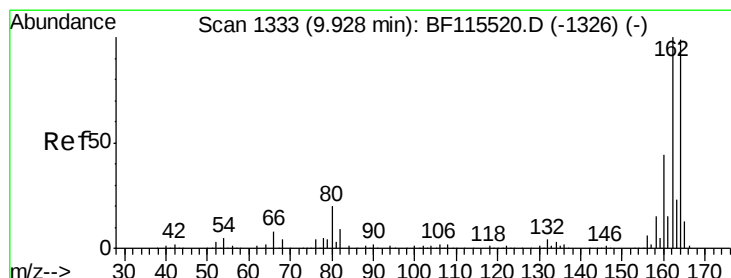
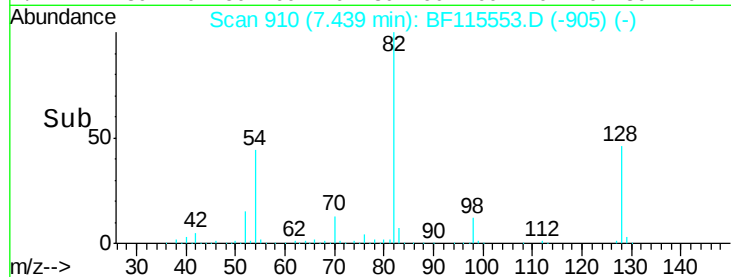
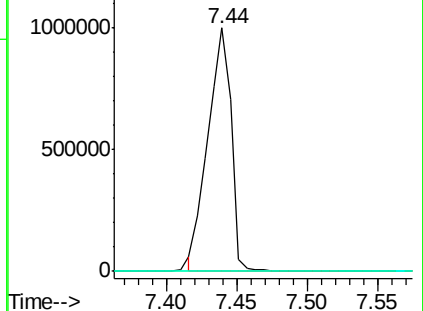
138 0.0 14.9 22.3#



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: BF115553.D

Acq: 15 Jul 2019 9:27

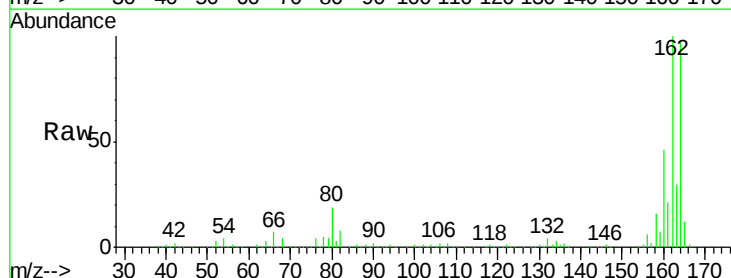
Tgt Ion:164 Resp: 705869

Ion Ratio Lower Upper

164 100

162 103.6 82.9 124.3

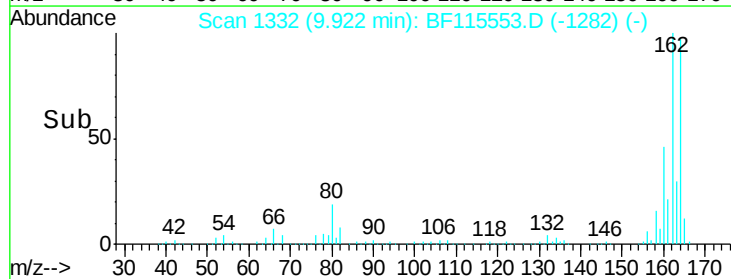
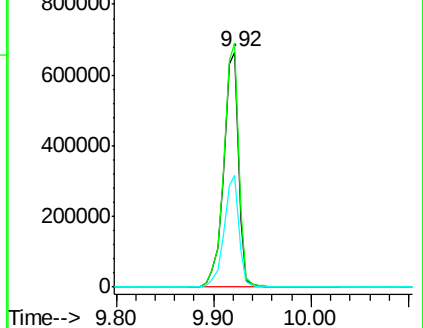
160 47.4 36.8 55.2

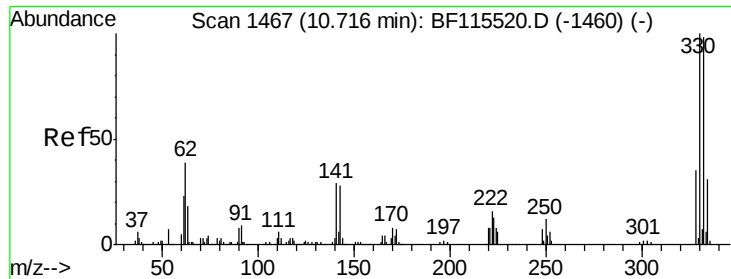


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

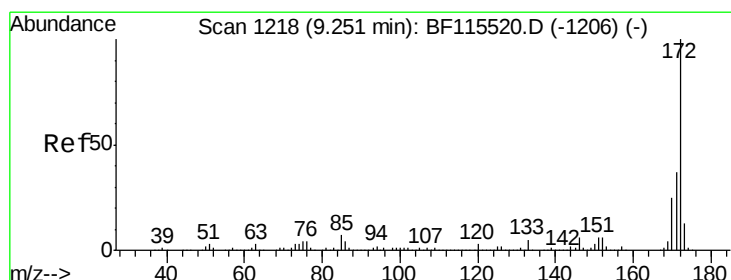
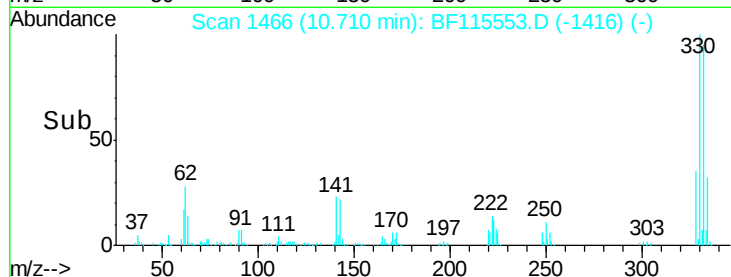
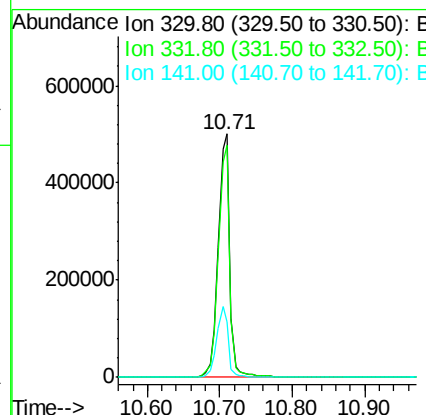
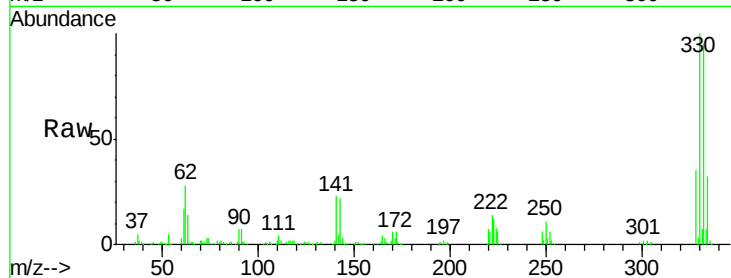




#42
 2,4,6-Tribromophenol
 Concen: 67.722 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115553.D
 Acq: 15 Jul 2019 9:27

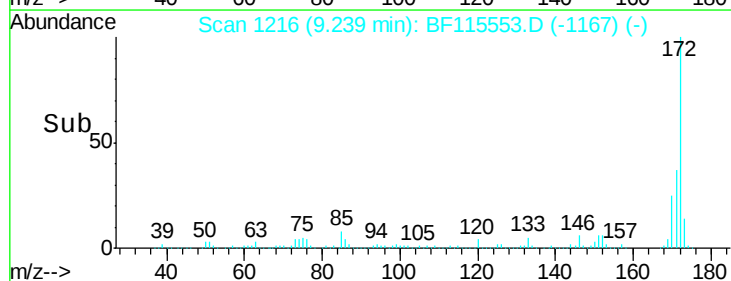
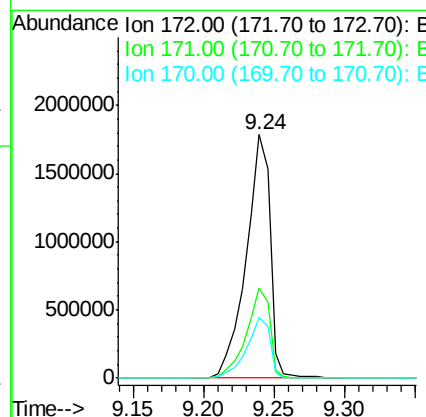
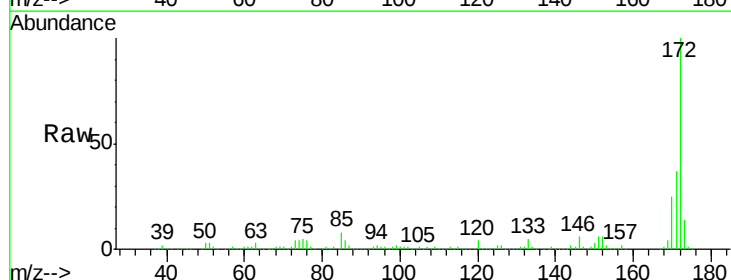
Instrument :
 BNA_F
 ClientSampleId :

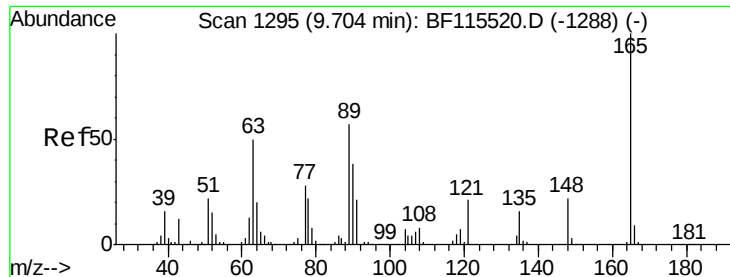
Tot Ion:330 Resp: 557979
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.4 116.2
 141 29.5 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 52.596 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115553.D
 Acq: 15 Jul 2019 9:27

Tgt Ion:172 Resp: 2121121
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.6 46.0
 170 24.7 20.5 30.7

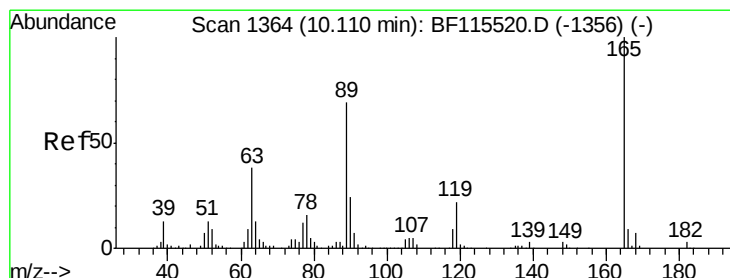
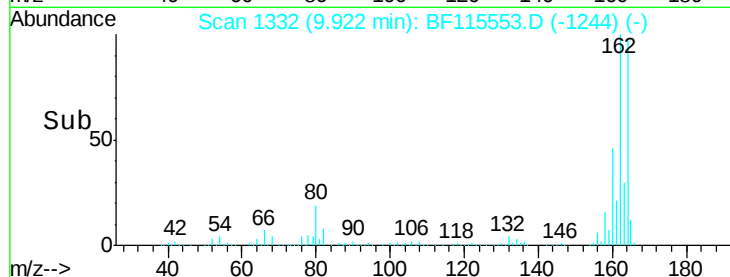
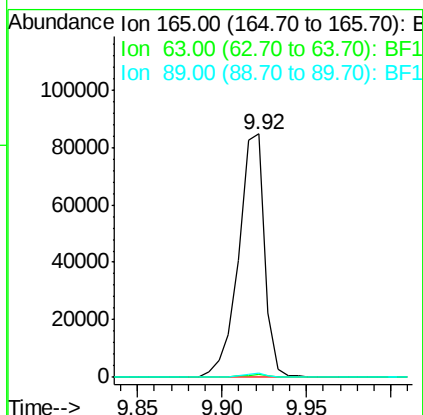
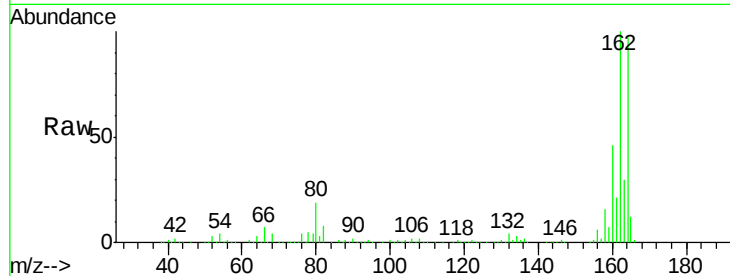




#51
 2,6-Dinitrotoluene
 Concen: 7.521 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.22 min
 Lab File: BF115553.D
 Acq: 15 Jul 2019 9:27

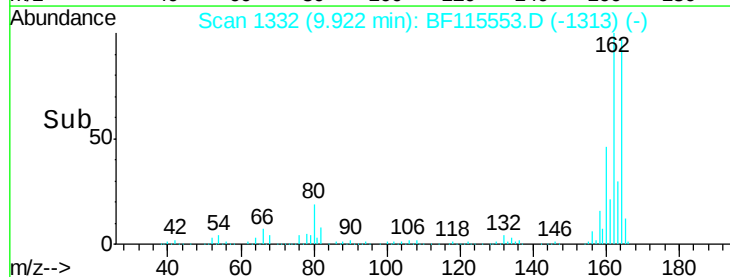
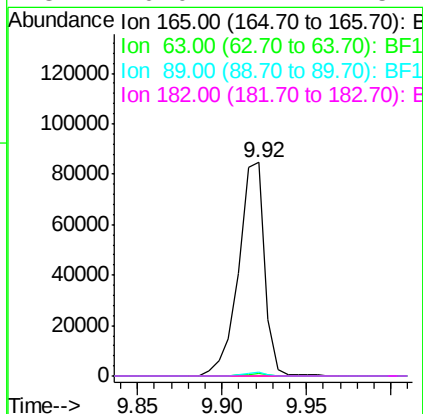
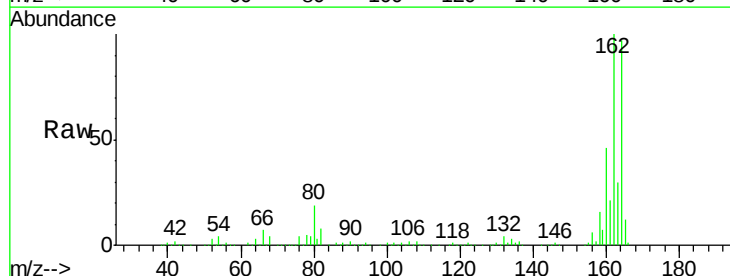
Instrument :
 BNA_F
 ClientSampleId :

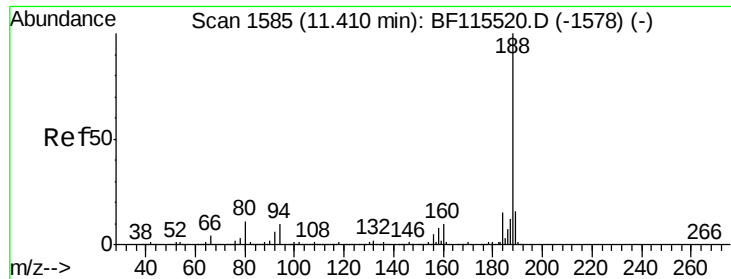
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.6	61.0#
89	1.6	43.9	65.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF115553.D
 Acq: 15 Jul 2019 9:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.9	52.3#
89	1.6	57.5	86.3#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115553.D

Acq: 15 Jul 2019 9:27

Instrument :

BNA_F

ClientSampleId :

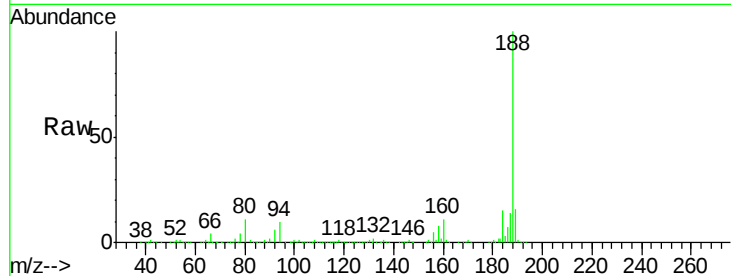
Tot Ion:188 Resp: 1316309

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

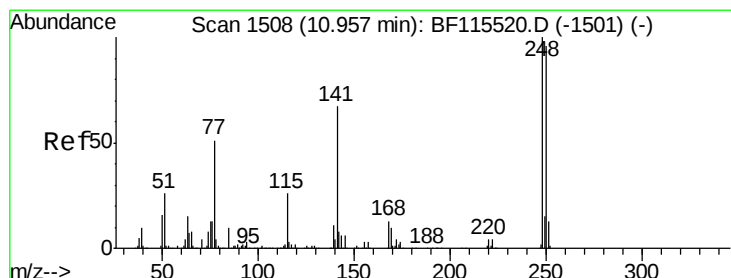
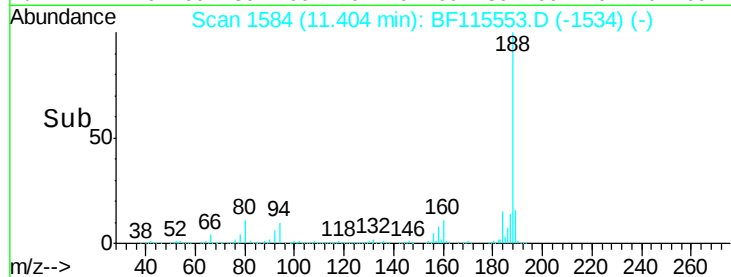
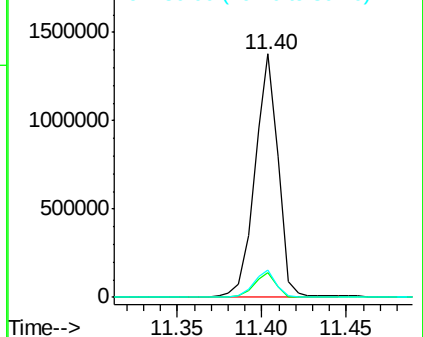
80 11.1 8.6 13.0



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: 2.237 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115553.D

Acq: 15 Jul 2019 9:27

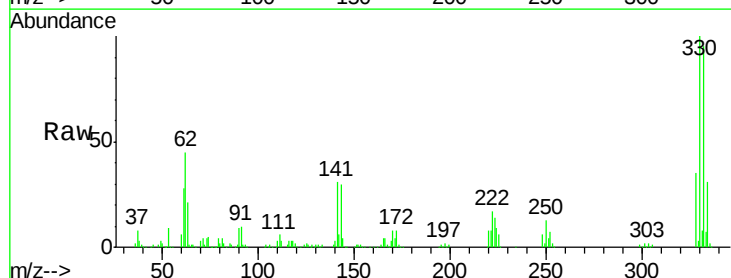
Tgt Ion:248 Resp: 33646

Ion Ratio Lower Upper

248 100

250 195.6 78.0 117.0#

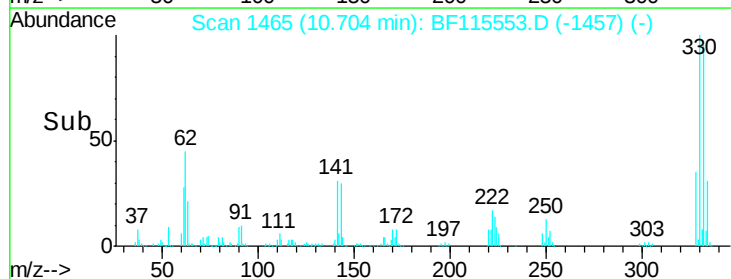
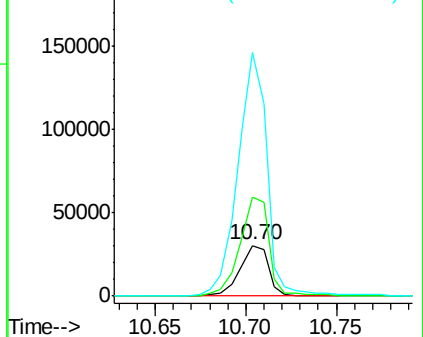
141 481.2 57.7 86.5#

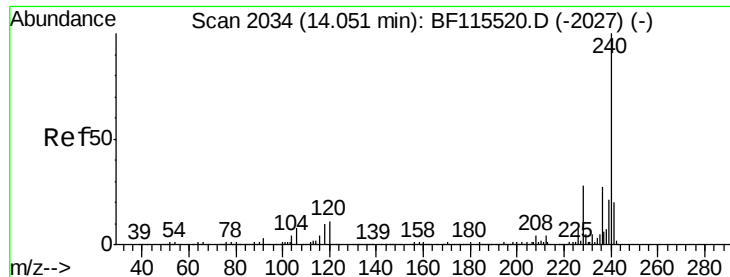


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

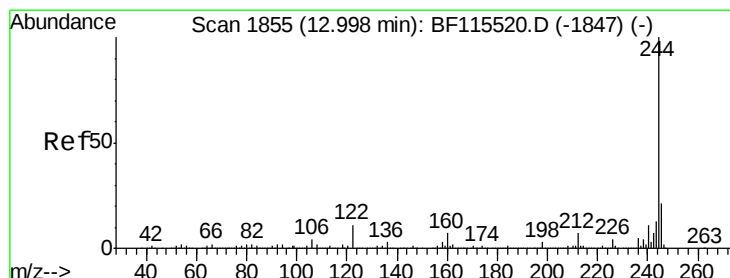
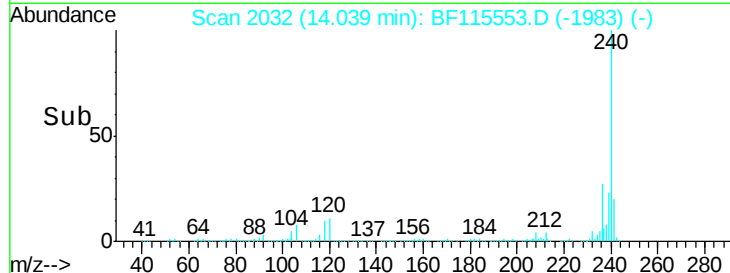
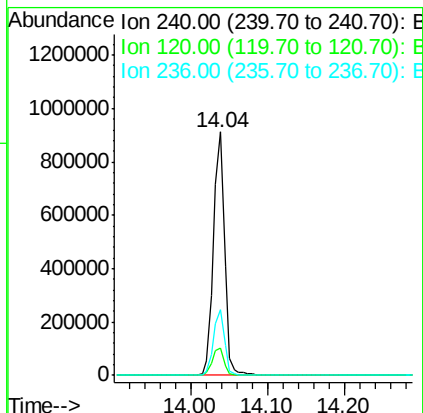
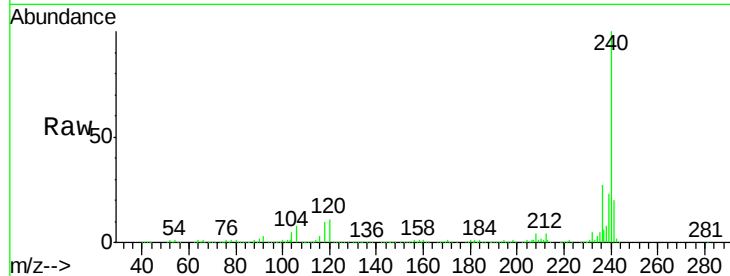




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115553.D
Acq: 15 Jul 2019 9:27

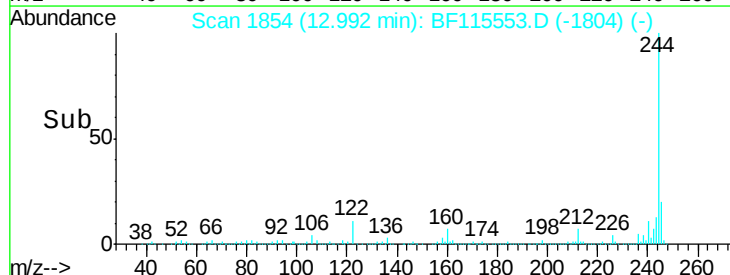
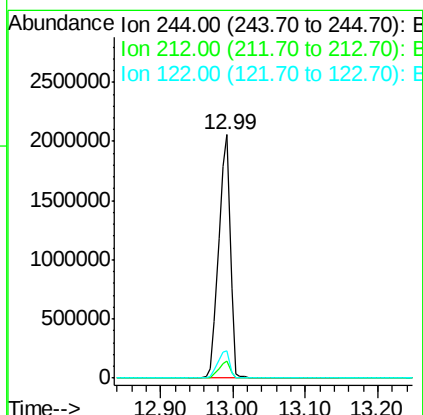
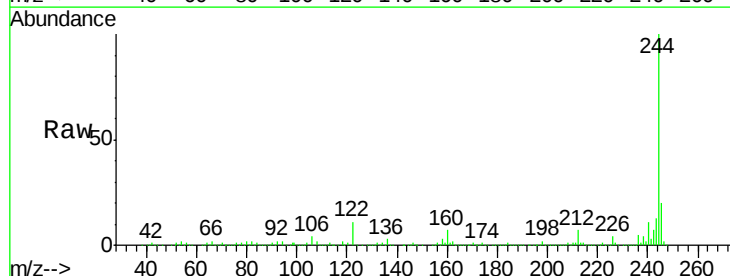
Instrument :
BNA_F
ClientSampleId :

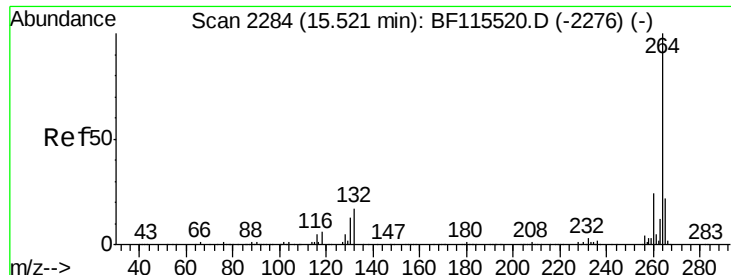
Tot Ion:240 Resp: 898946
Ion Ratio Lower Upper
240 100
120 11.2 8.6 13.0
236 27.2 21.3 31.9



#79
Terphenyl-d14
Concen: 46.987 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF115553.D
Acq: 15 Jul 2019 9:27

Tgt Ion:244 Resp: 2289132
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 11.0 8.6 12.8

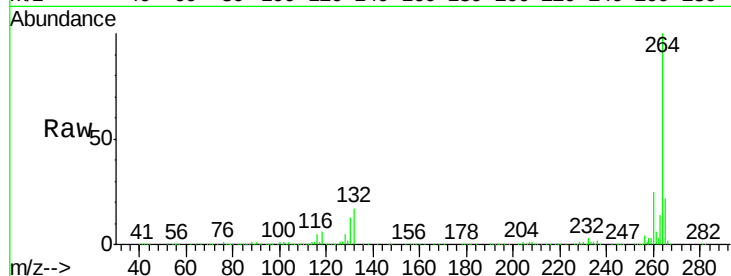




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF115553.D
 Acq: 15 Jul 2019 9:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	22.1	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

