

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115534.D
 Acq On : 12 Jul 2019 18:51
 Operator : HP/JU
 Sample : K3618-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:10:54 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

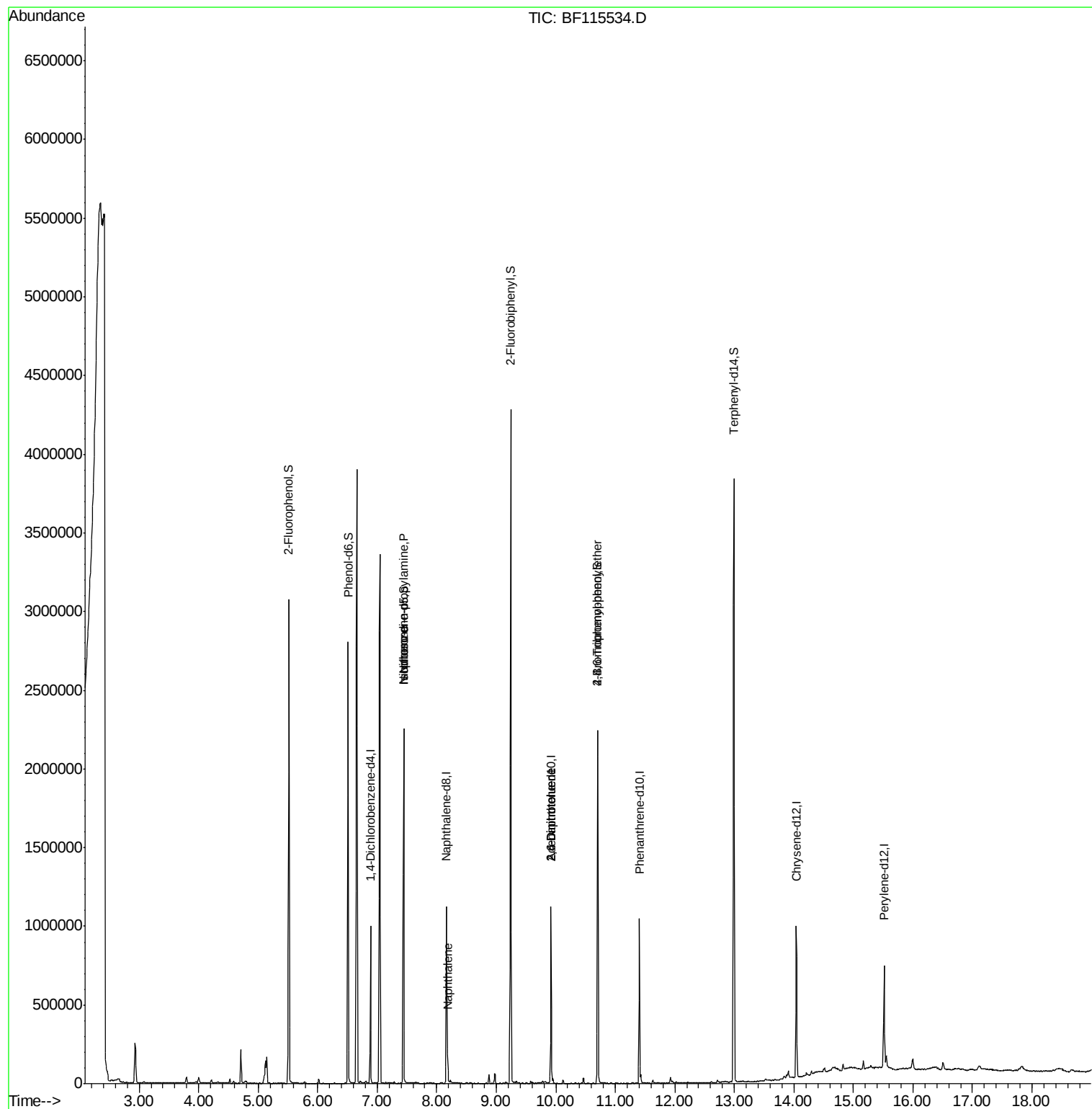
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	144786	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	510878	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	224175	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	357924	20.00	ng	0.00
76) Chrysene-d12	14.04	240	306926	20.00	ng	-0.01
87) Perylene-d12	15.52	264	318625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	989898	111.83	ng	0.01
7) Phenol-d6	6.51	99	1129159	100.53	ng	0.00
23) Nitrobenzene-d5	7.45	82	856485	97.48	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	315612	120.62	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1467122	114.55	ng	0.00
79) Terphenyl-d14	12.99	244	1370320	82.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	114031	15.567	ng	# 77
25) Isophorone	7.45	82	850042	48.350	ng	# 64
31) Naphthalene	8.19	128	71415	2.886	ng	# 96
51) 2,6-Dinitrotoluene	9.92	165	28685	7.484	ng	# 28
57) 2,4-Dinitrotoluene	9.92	165	28685	5.777	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	19211	4.697	ng	# 1

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

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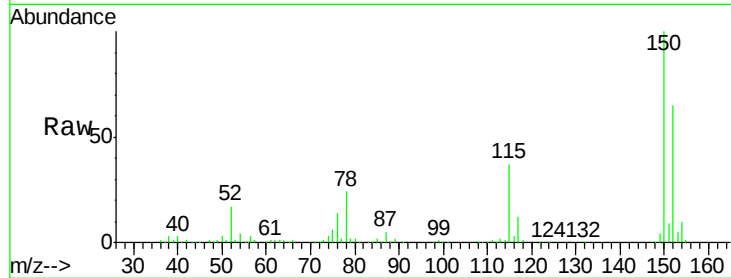


#1

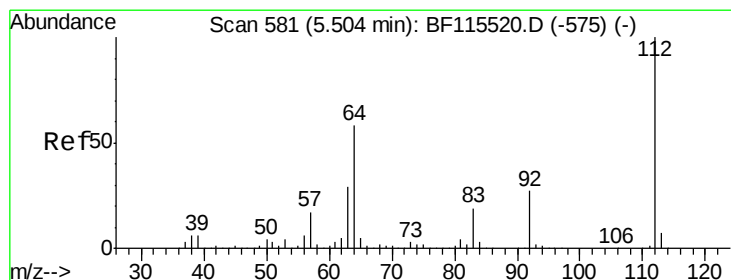
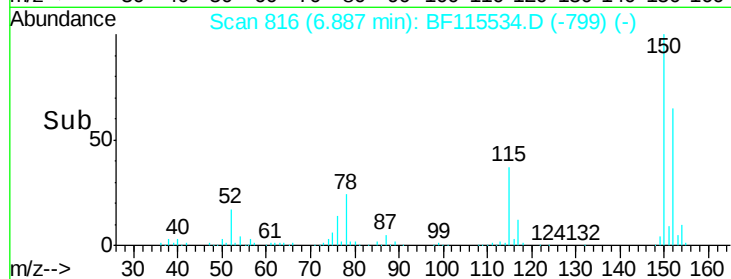
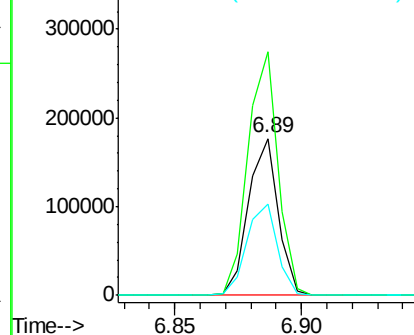
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115534.D
Acq: 12 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144786
Ion Ratio Lower Upper
152 100
150 154.9 129.7 194.5
115 58.0 48.2 72.4



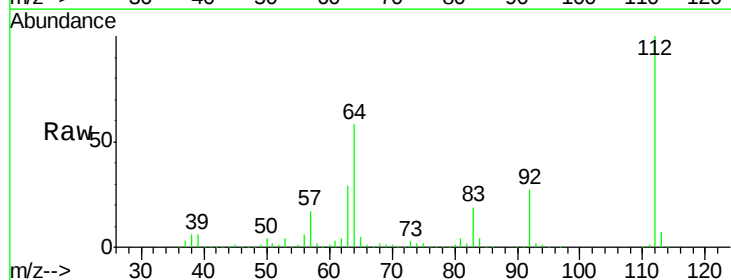
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



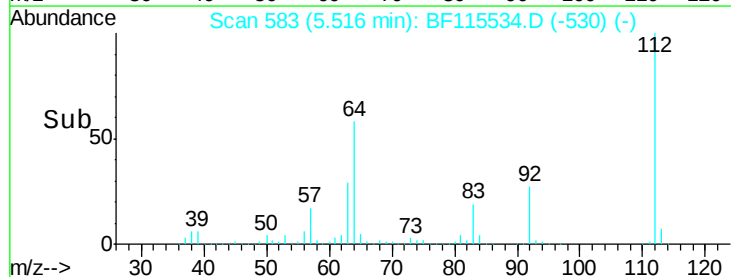
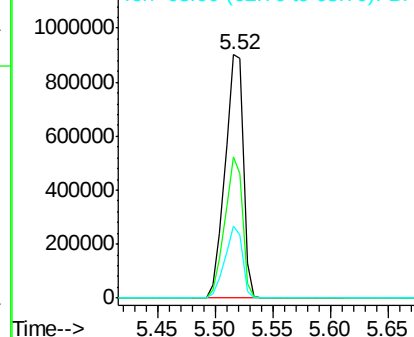
#5

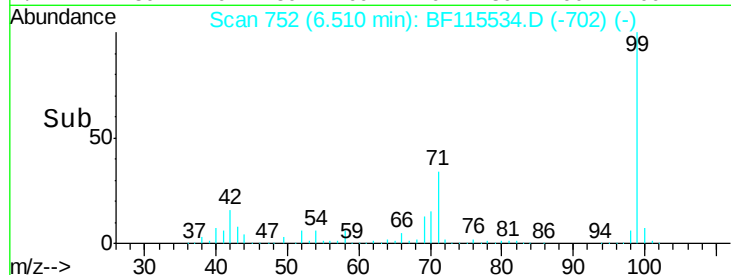
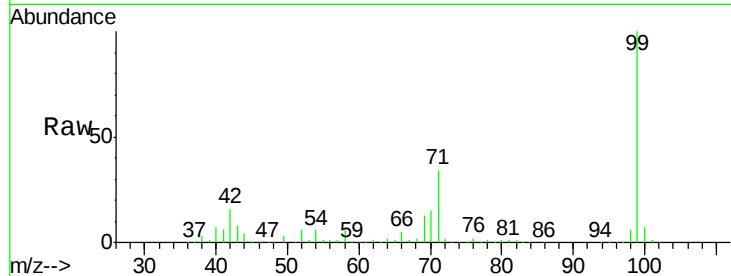
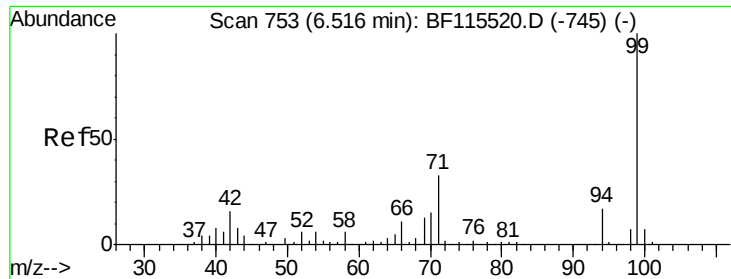
2-Fluorophenol
Concen: 111.833 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115534.D
Acq: 12 Jul 2019 18:51

Tgt Ion:112 Resp: 989898
Ion Ratio Lower Upper
112 100
64 58.2 46.8 70.2
63 29.4 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: 100.534 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115534.D

Acq: 12 Jul 2019 18:51

Instrument :

BNA_F

ClientSampled :

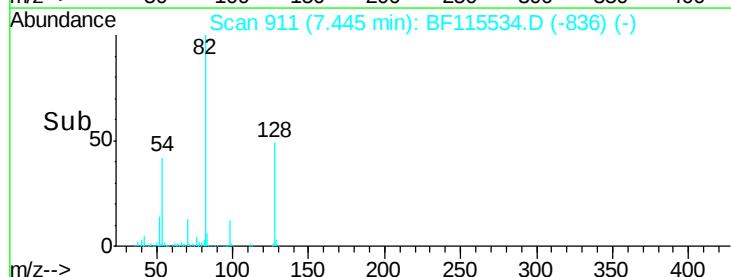
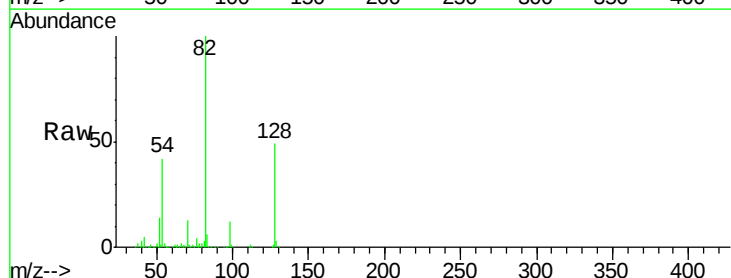
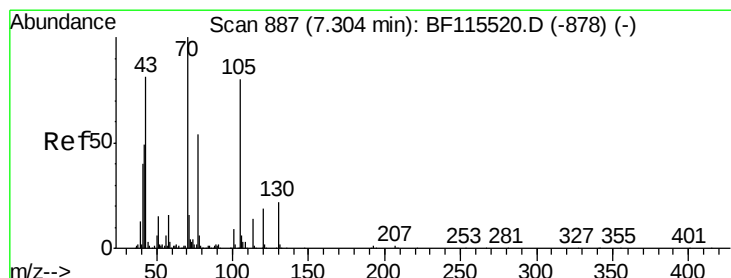
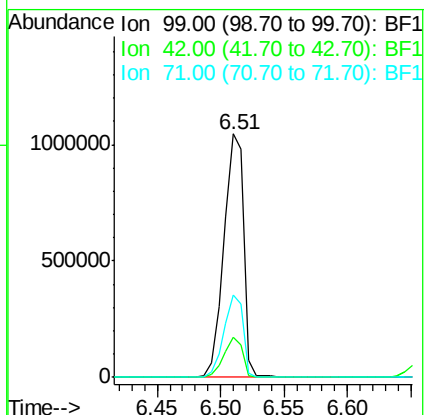
Tot Ion: 99 Resp: 1129159

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

71 34.0 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.567 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF115534.D

Acq: 12 Jul 2019 18:51

Tgt Ion: 70 Resp: 114031

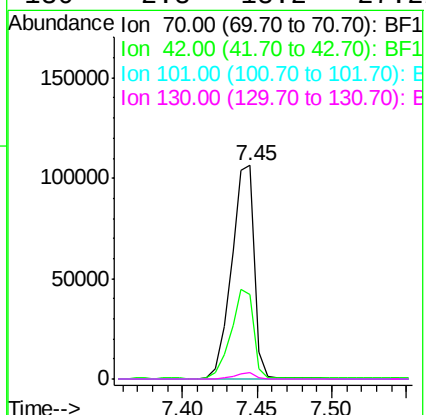
Ion Ratio Lower Upper

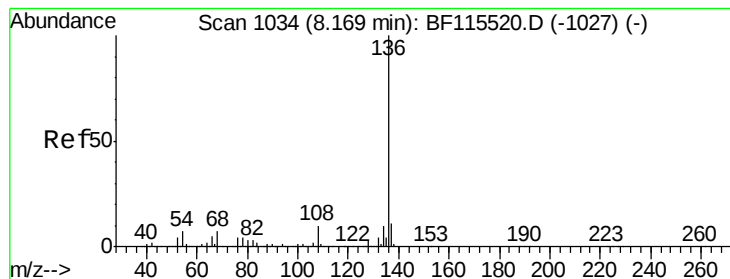
70 100

42 39.8 39.6 59.4

101 0.0 8.1 12.1#

130 2.8 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: BF115534.D

Acq: 12 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 510878

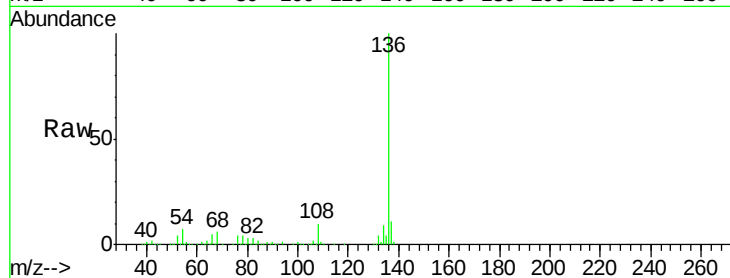
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.7 5.6 8.4

68 6.4 5.0 7.6

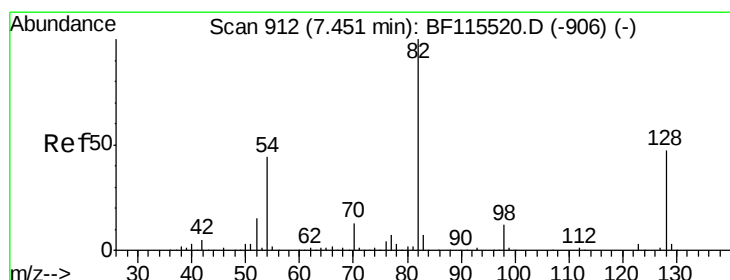
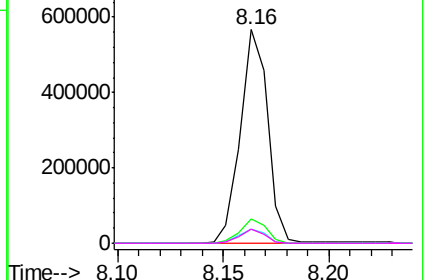
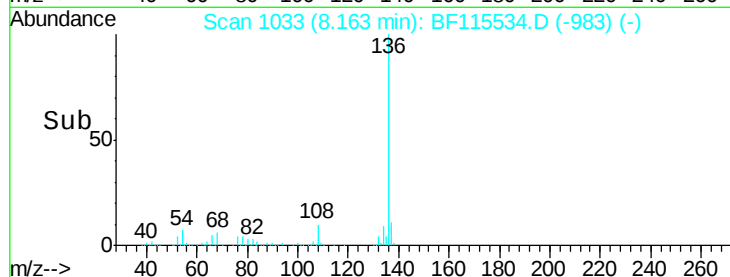


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.483 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115534.D

Acq: 12 Jul 2019 18:51

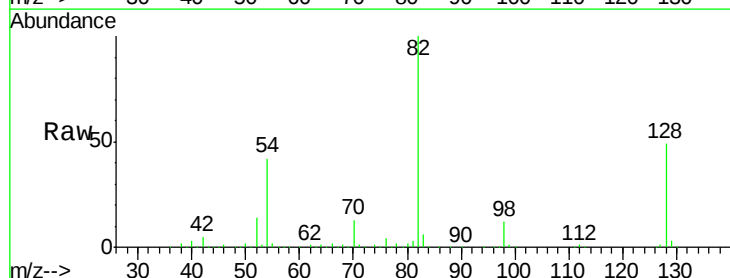
Tgt Ion: 82 Resp: 856485

Ion Ratio Lower Upper

82 100

128 48.7 38.6 57.8

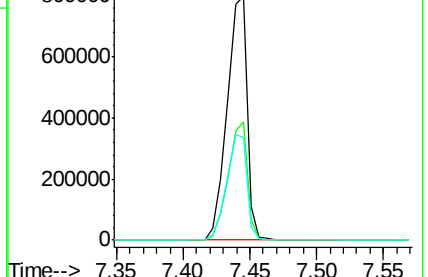
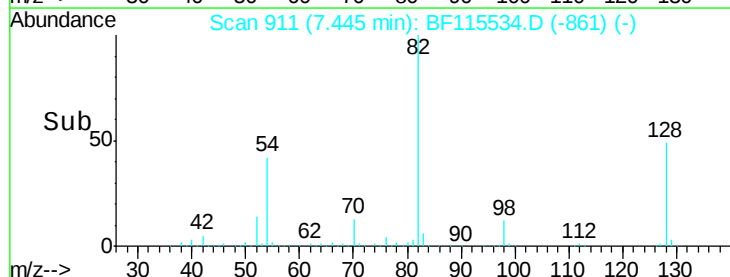
54 42.4 35.6 53.4

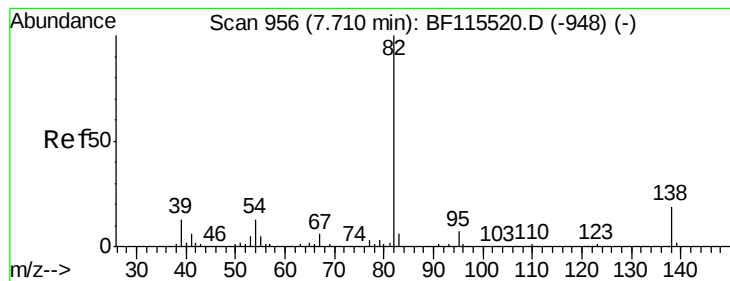


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.350 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF115534.D

Acq: 12 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

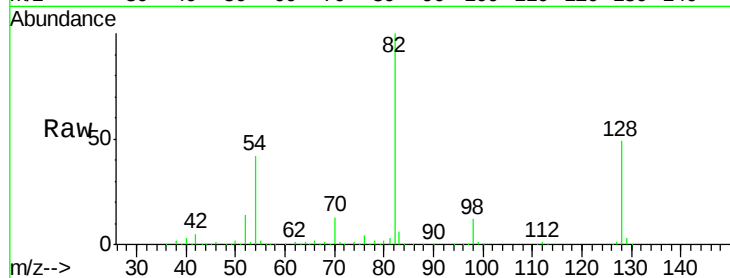
Tot Ion: 82 Resp: 850042

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

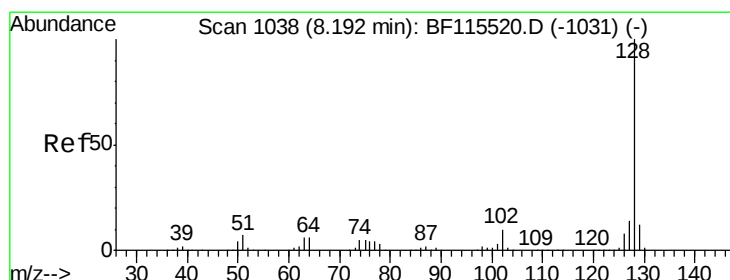
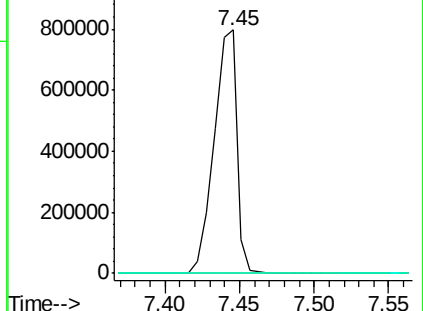
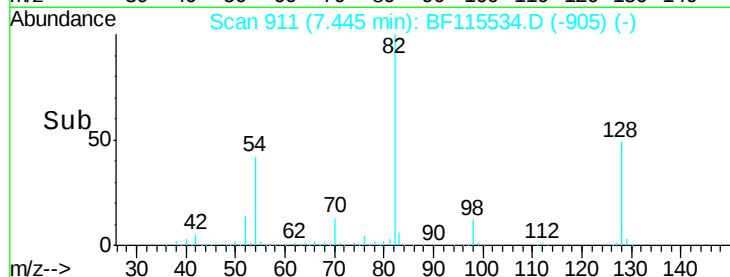
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 2.886 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115534.D

Acq: 12 Jul 2019 18:51

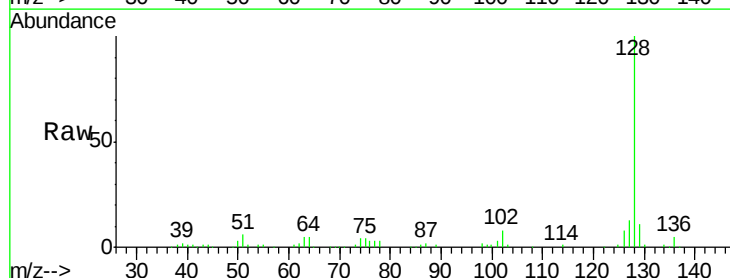
Tgt Ion: 128 Resp: 71415

Ion Ratio Lower Upper

128 100

129 10.9 9.9 14.9

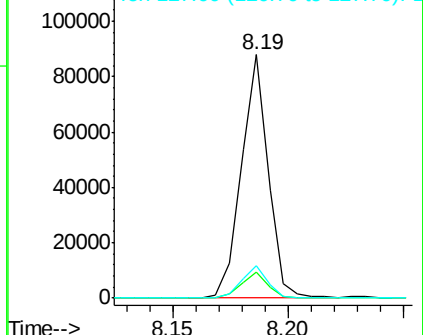
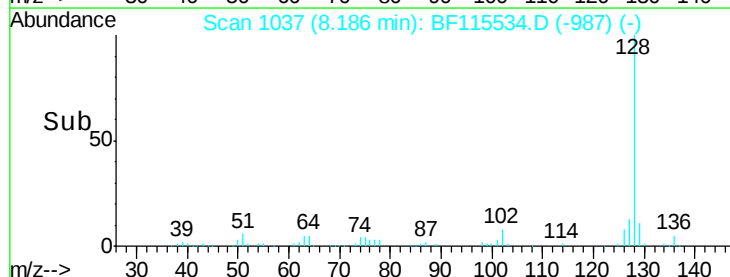
127 13.1 12.1 18.1

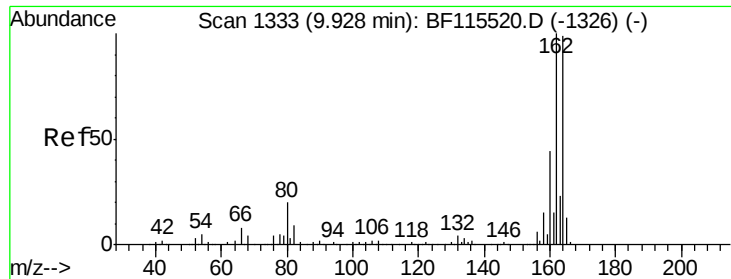


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

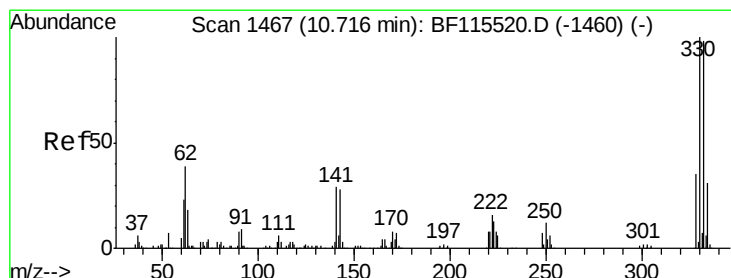
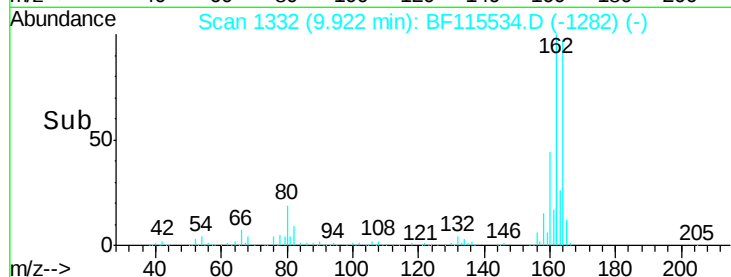
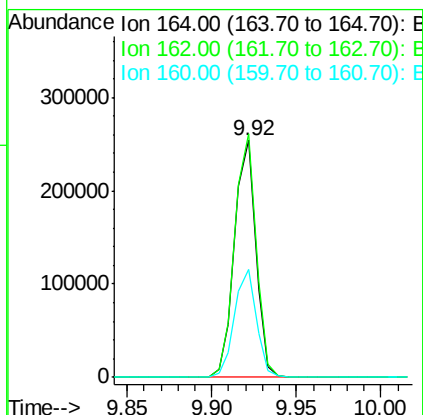
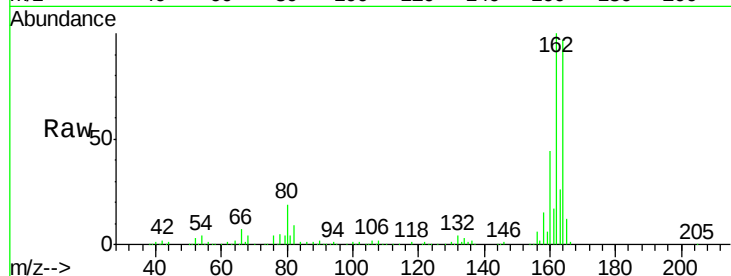




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115534.D
 Acq: 12 Jul 2019 18:51

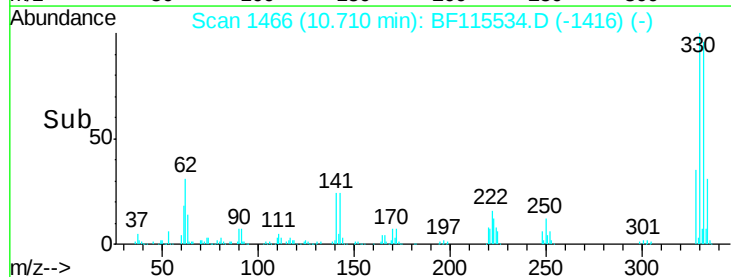
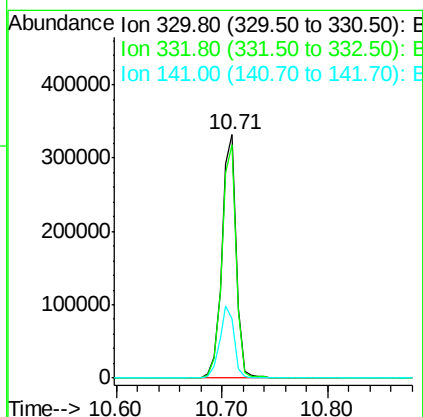
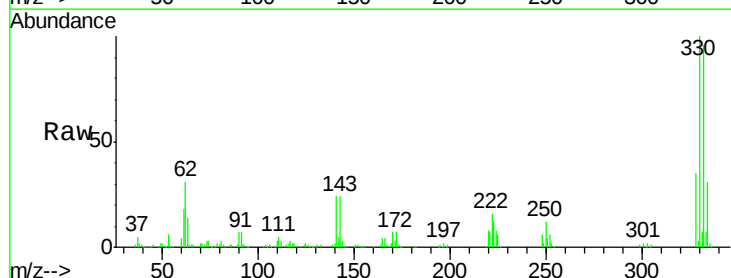
Instrument :
 BNA_F
 ClientSampleId :

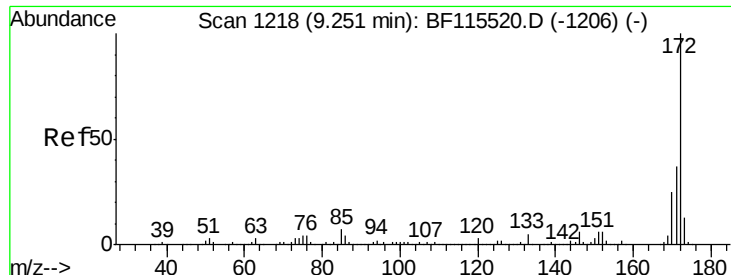
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.9	124.3
160	45.5	36.8	55.2



#42
 2,4,6-Tribromophenol
 Concen: 120.616 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115534.D
 Acq: 12 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	30.1	22.4	33.6

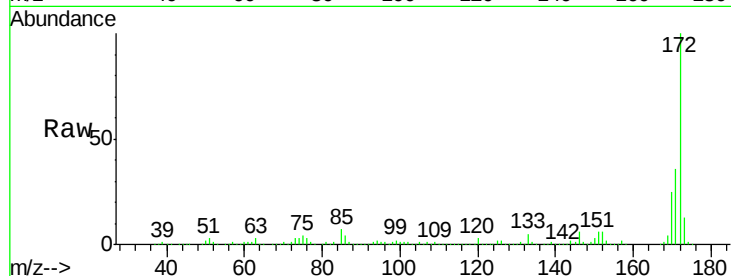




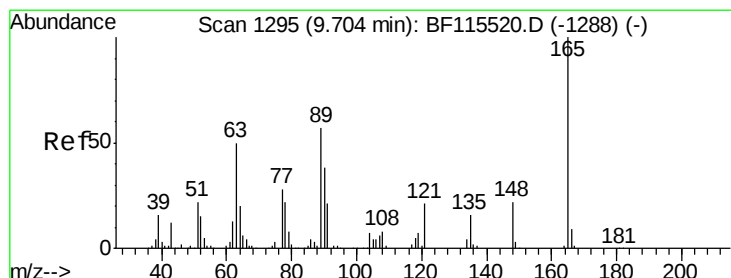
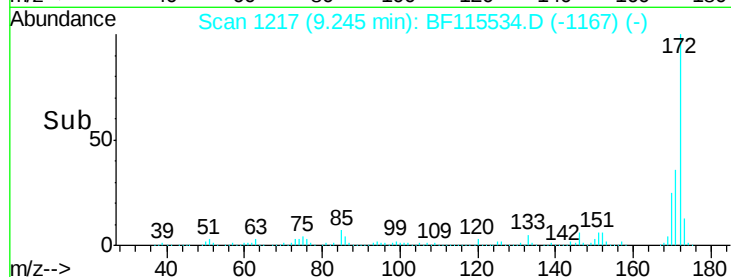
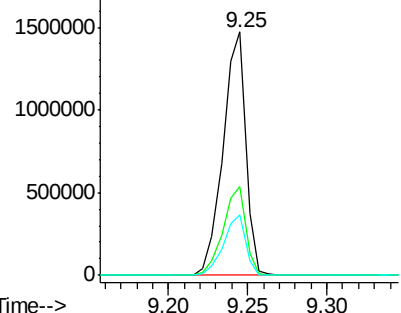
#45
2-Fluorobiphenyl
Concen: 114.548 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115534.D
Acq: 12 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1467122
Ion Ratio Lower Upper
172 100
171 36.3 30.6 46.0
170 25.1 20.5 30.7

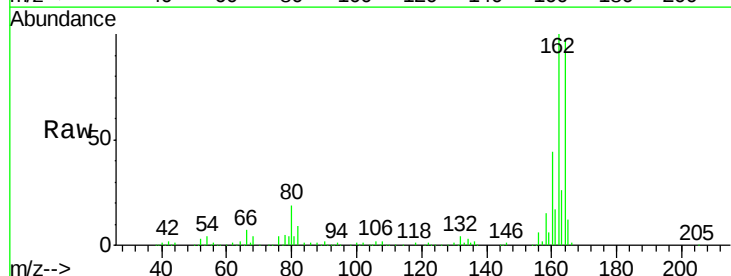


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

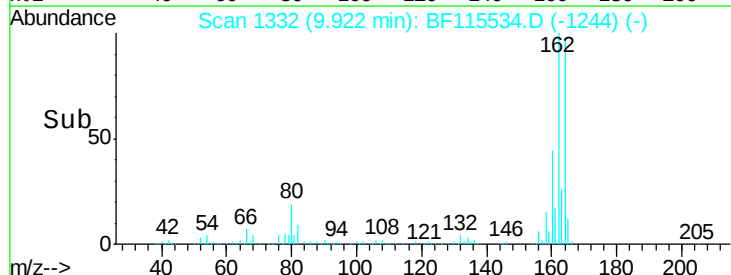
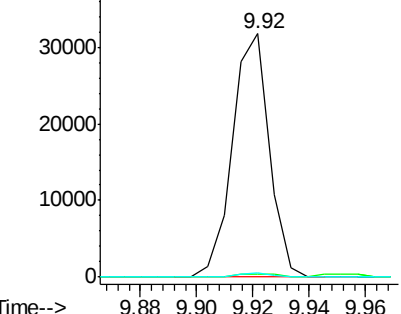


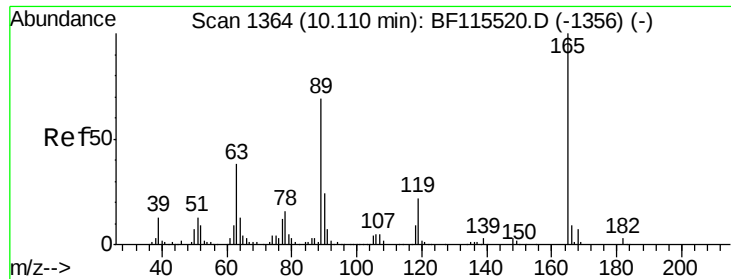
#51
2,6-Dinitrotoluene
Concen: 7.484 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF115534.D
Acq: 12 Jul 2019 18:51

Tgt Ion:165 Resp: 28685
Ion Ratio Lower Upper
165 100
63 1.4 40.6 61.0#
89 1.7 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

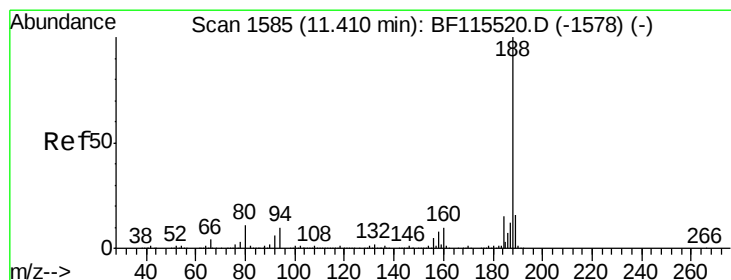
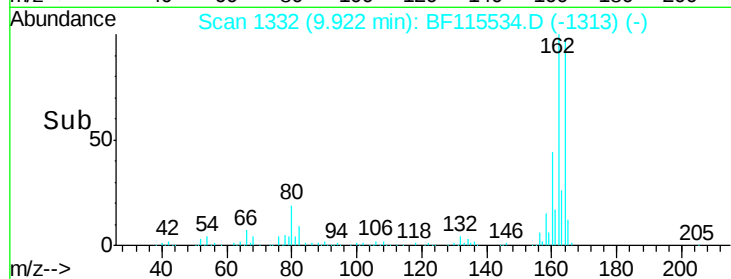
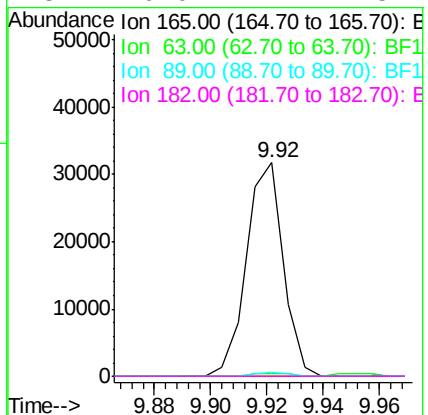
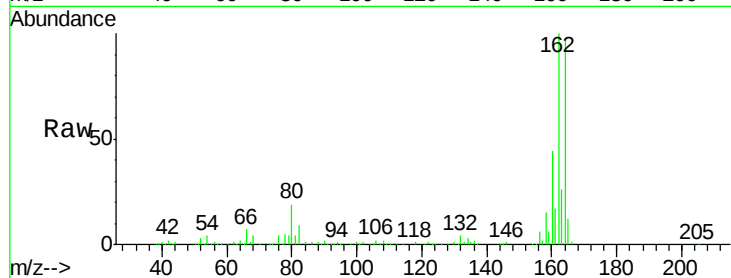




#57
 2,4-Dinitrotoluene
 Concen: 5.777 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF115534.D
 Acq: 12 Jul 2019 18:51

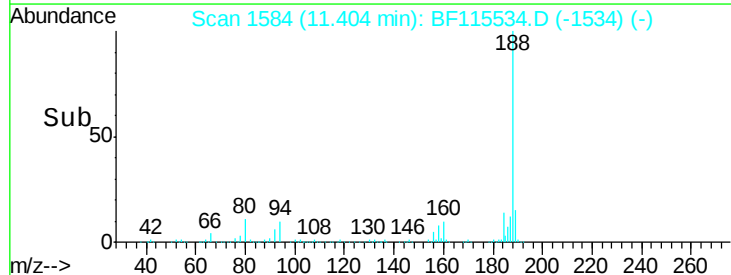
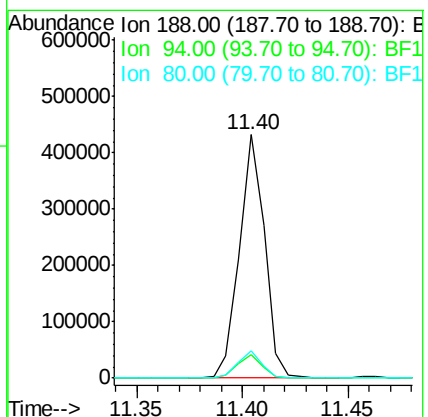
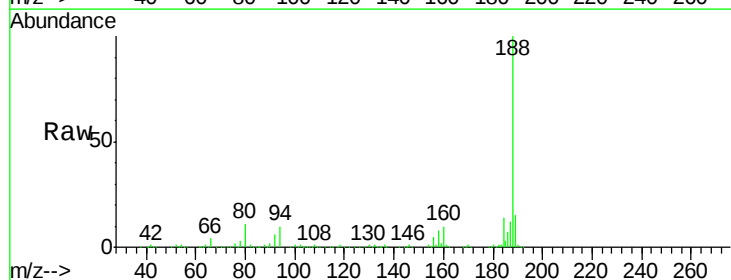
Instrument :
 BNA_F
 ClientSampleId :

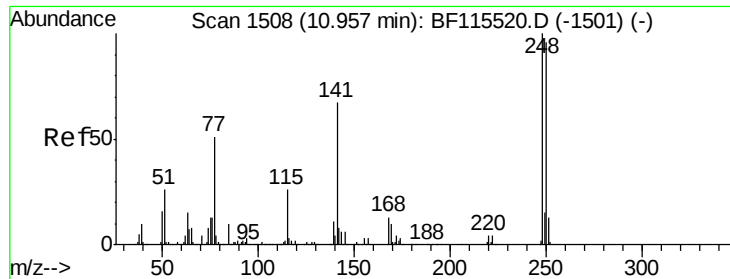
Tot Ion:165 Resp: 28685
 Ion Ratio Lower Upper
 165 100
 63 1.4 34.9 52.3#
 89 1.7 57.5 86.3#
 182 0.0 2.2 3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF115534.D
 Acq: 12 Jul 2019 18:51

Tgt Ion:188 Resp: 357924
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.8 11.6
 80 11.0 8.6 13.0

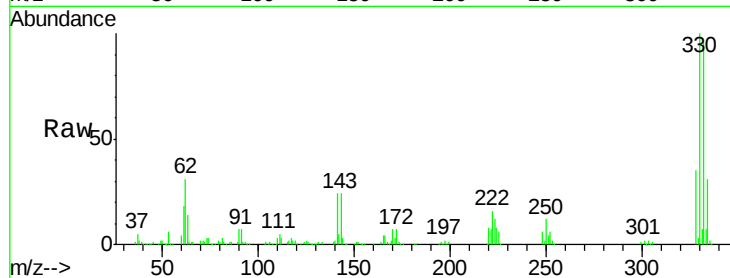




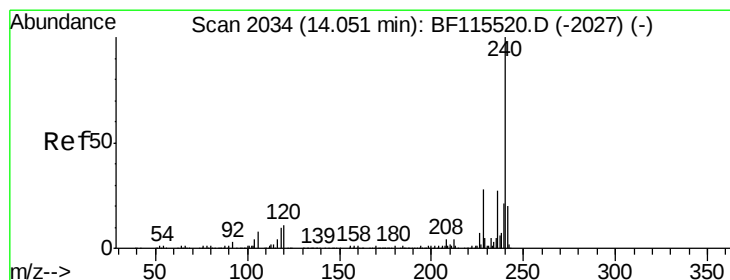
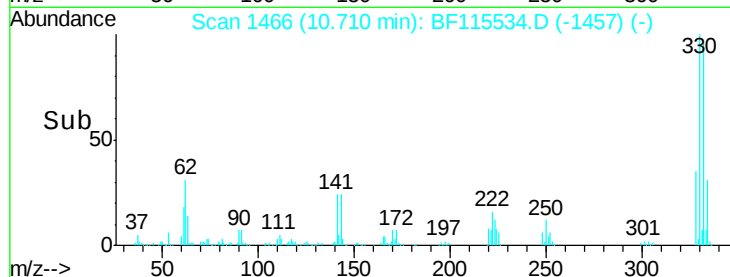
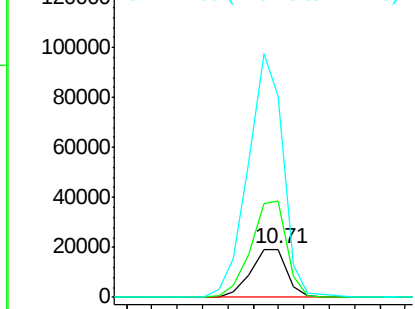
#67
4-Bromophenyl-phenylether
Concen: 4.697 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115534.D
Acq: 12 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19211
Ion Ratio Lower Upper
248 100
250 199.7 78.0 117.0#
141 418.9 57.7 86.5#

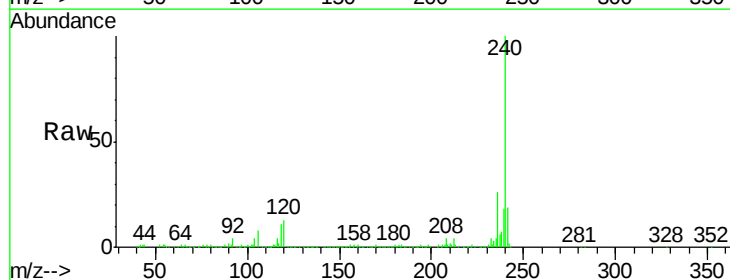


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

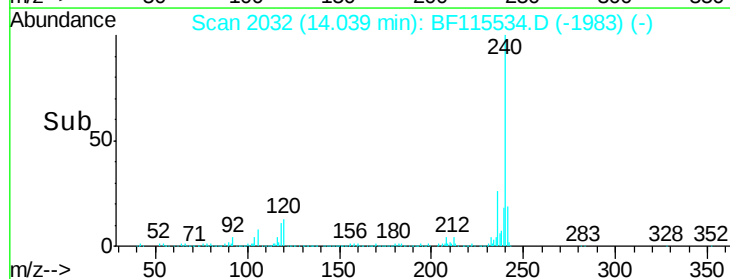
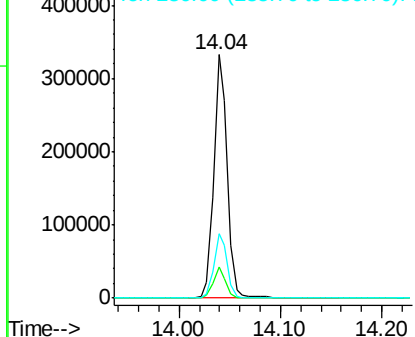


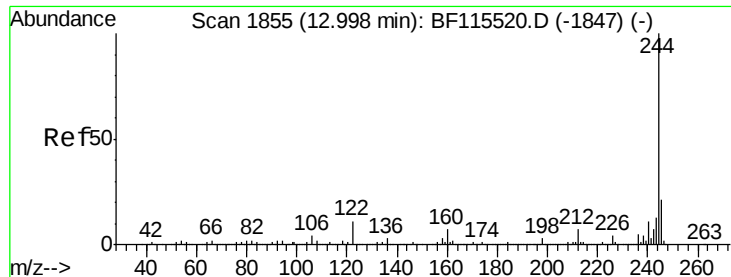
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115534.D
Acq: 12 Jul 2019 18:51

Tgt Ion:240 Resp: 306926
Ion Ratio Lower Upper
240 100
120 12.6 8.6 13.0
236 26.5 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: 82.380 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115534.D

Acq: 12 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

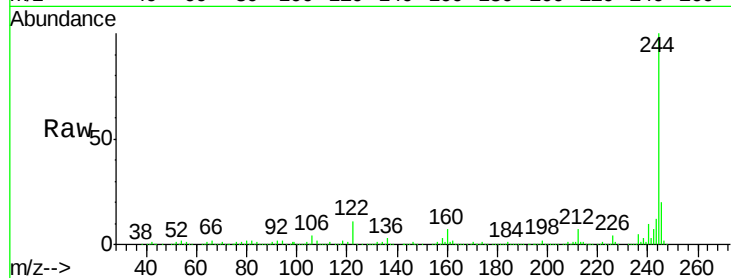
Tot Ion:244 Resp: 1370320

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

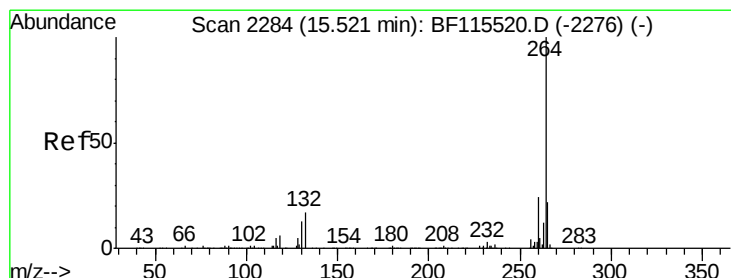
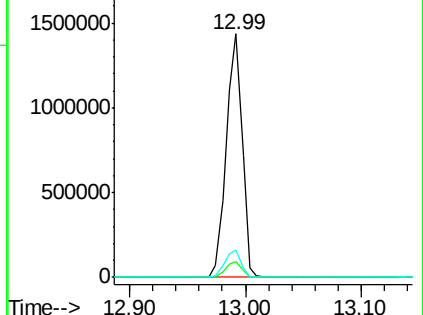
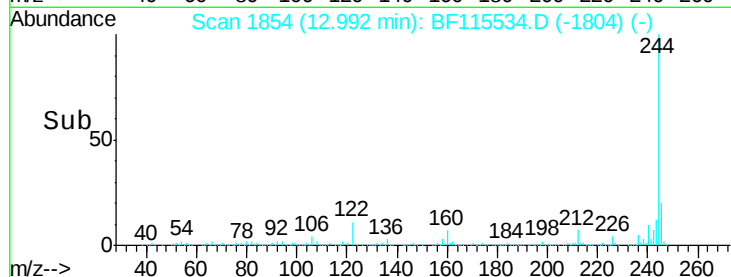
122 11.3 8.6 12.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115534.D

Acq: 12 Jul 2019 18:51

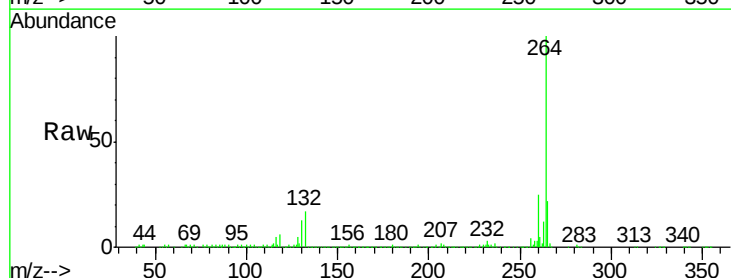
Tgt Ion:264 Resp: 318625

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 21.9 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

