

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115536.D
 Acq On : 12 Jul 2019 19:44
 Operator : HP/JU
 Sample : K3740-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:11:14 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

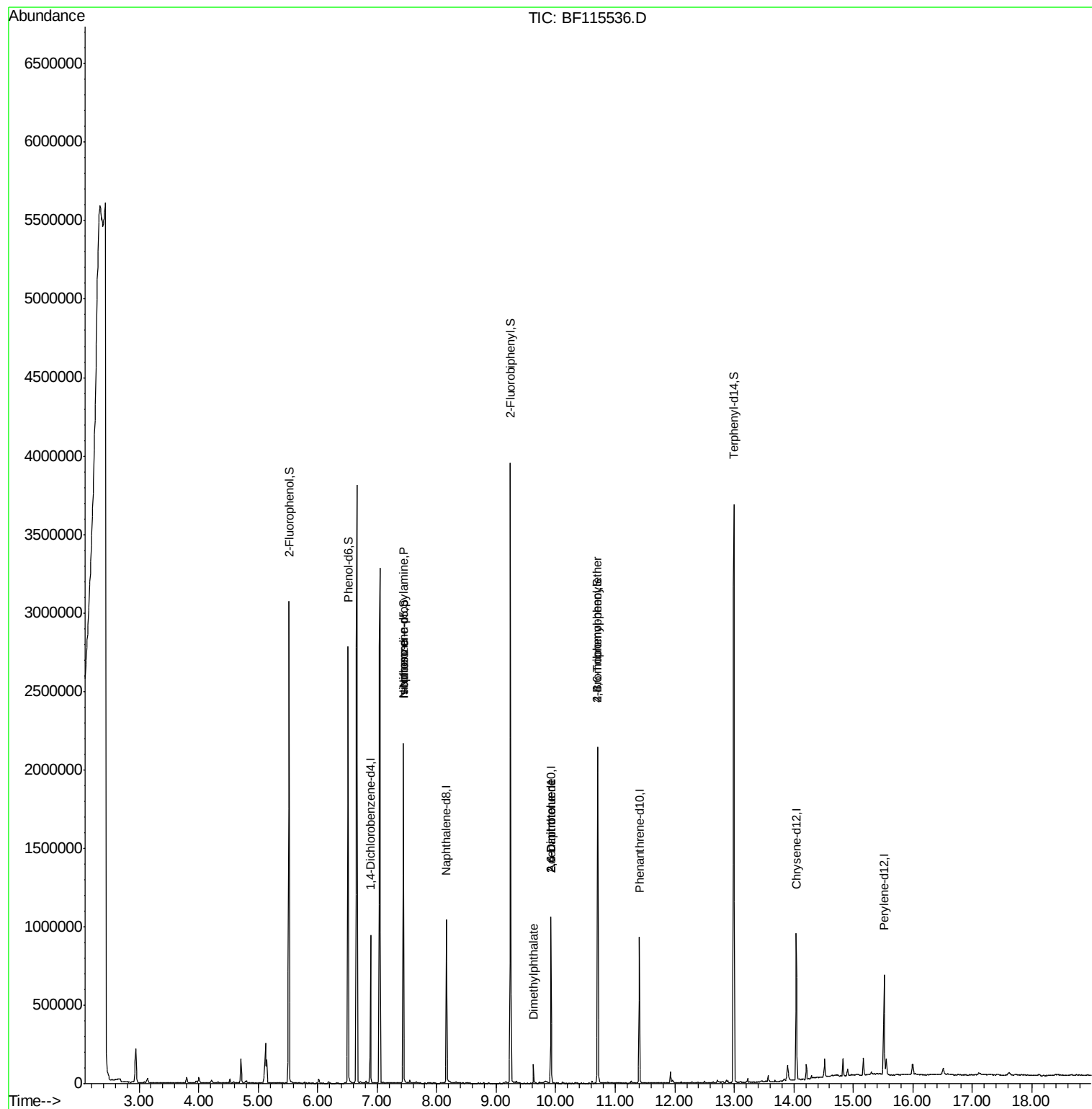
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	134584	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	469709	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	201177	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	323940	20.00	ng	0.00
76) Chrysene-d12	14.04	240	287122	20.00	ng	-0.01
87) Perylene-d12	15.52	264	303283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	972906	118.25	ng	0.02
7) Phenol-d6	6.51	99	1125824	107.84	ng	0.00
23) Nitrobenzene-d5	7.44	82	828769	102.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	297857	126.84	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1381128	120.16	ng	-0.01
79) Terphenyl-d14	12.99	244	1288114	82.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	109986	16.153	ng	# 79
25) Isophorone	7.44	82	822028	50.855	ng	# 64
50) Dimethylphthalate	9.63	163	47618	3.146	ng	# 99
51) 2,6-Dinitrotoluene	9.92	165	26155	7.604	ng	# 26
57) 2,4-Dinitrotoluene	9.92	165	26155	5.869	ng	# 23
67) 4-Bromophenyl-phenylether	10.70	248	17699	4.781	ng	# 1

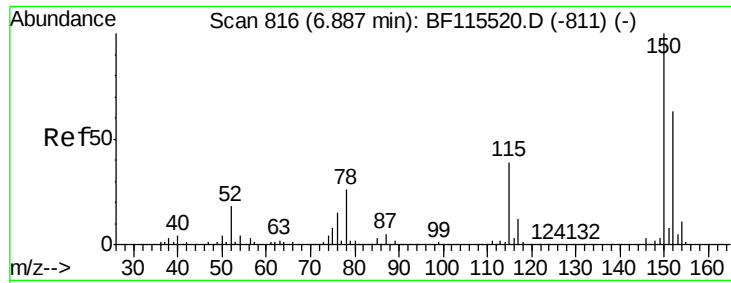
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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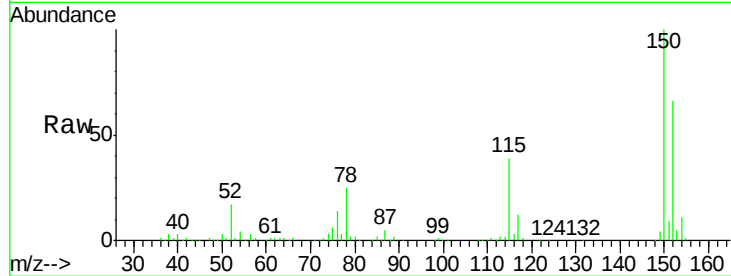


#1

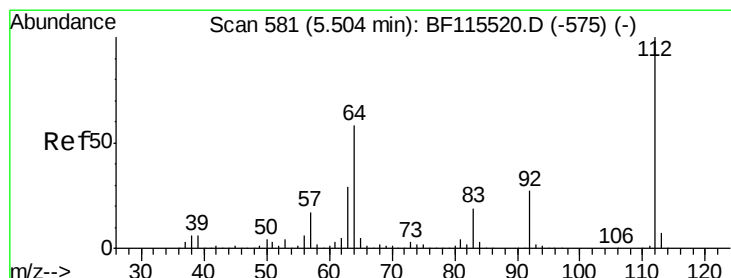
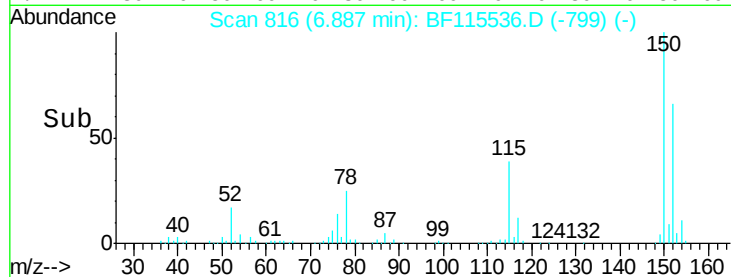
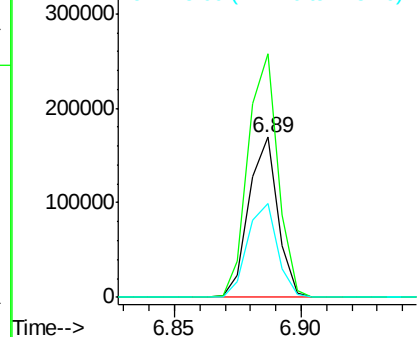
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115536.D
Acq: 12 Jul 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134584
Ion Ratio Lower Upper
152 100
150 152.3 129.7 194.5
115 58.8 48.2 72.4



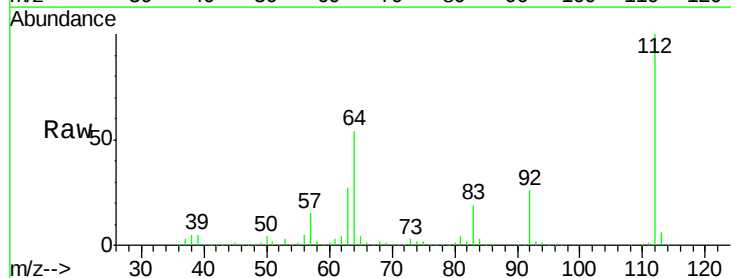
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



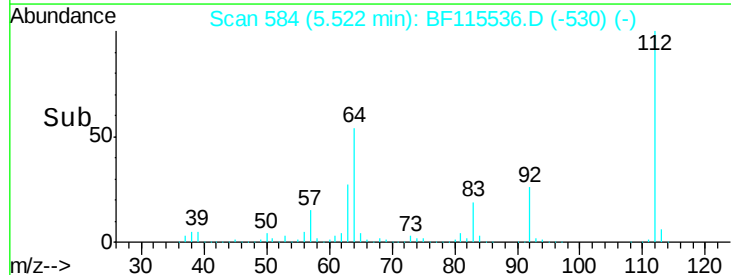
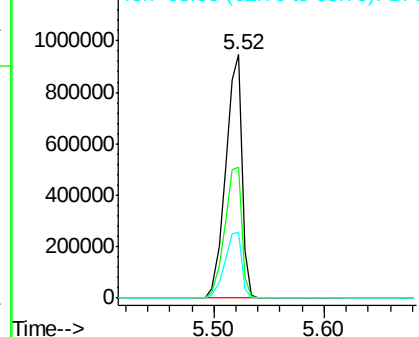
#5

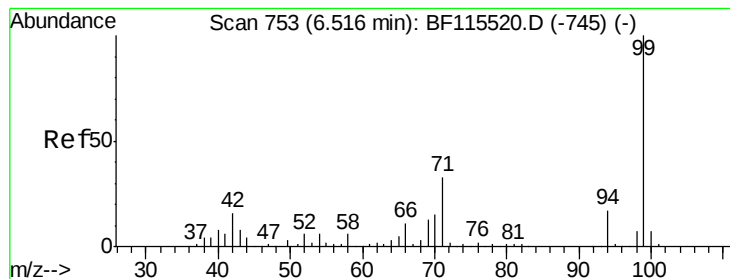
2-Fluorophenol
Concen: 118.245 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115536.D
Acq: 12 Jul 2019 19:44

Tgt Ion:112 Resp: 972906
Ion Ratio Lower Upper
112 100
64 53.9 46.8 70.2
63 27.2 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: 107.835 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

Instrument :

BNA_F

ClientSampleId :

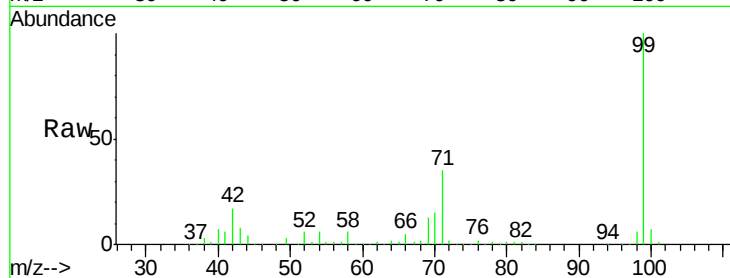
Tot Ion: 99 Resp: 1125824

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

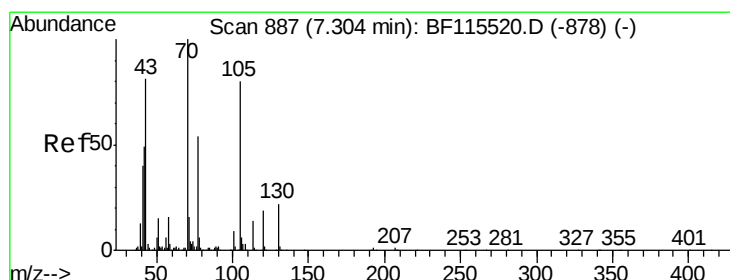
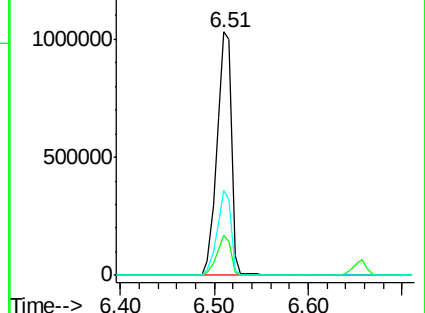
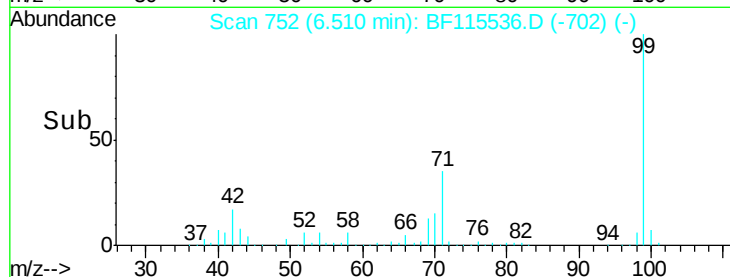
71 34.8 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.153 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

Tgt Ion: 70 Resp: 109986

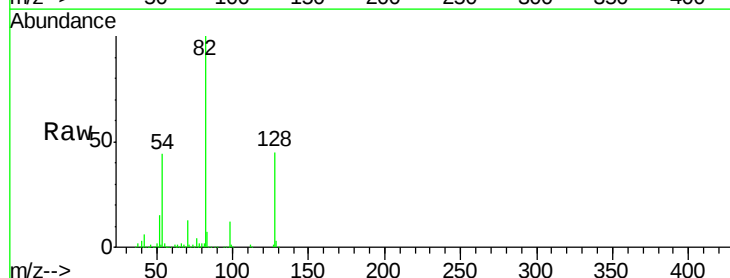
Ion Ratio Lower Upper

70 100

42 42.8 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 18.2 27.2#

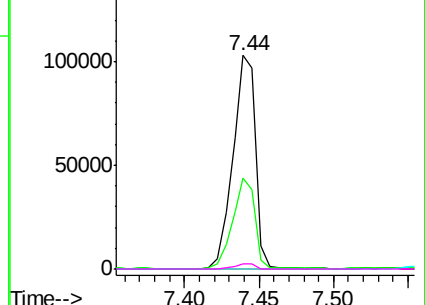
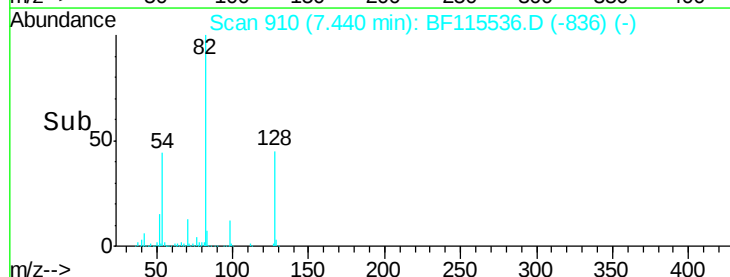


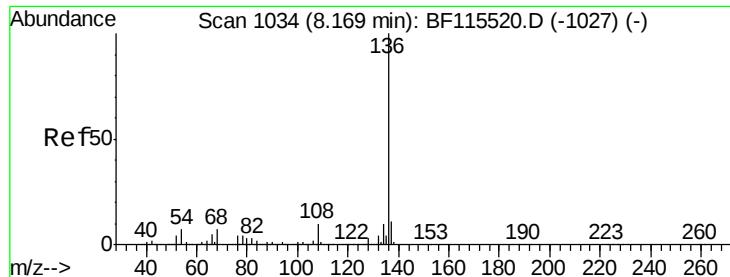
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 469709

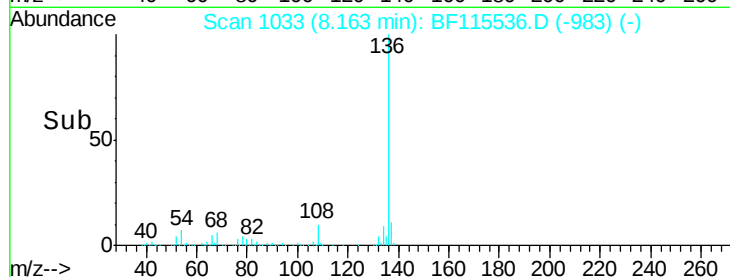
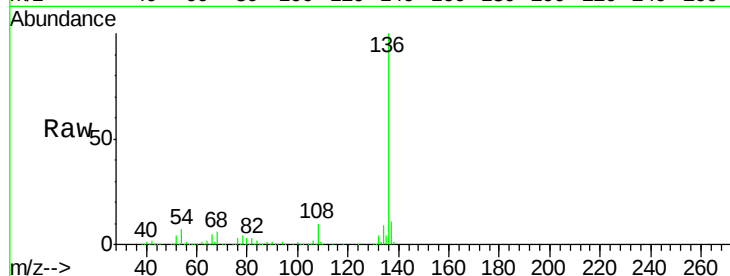
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.1 5.6 8.4

68 6.4 5.0 7.6

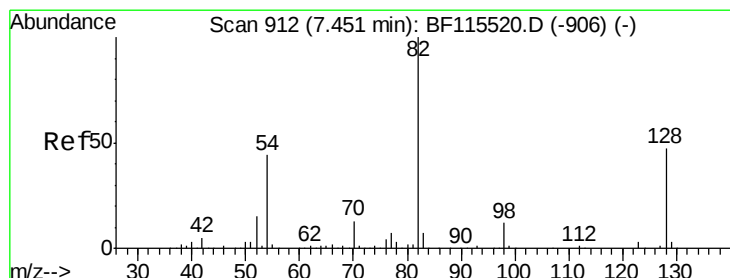
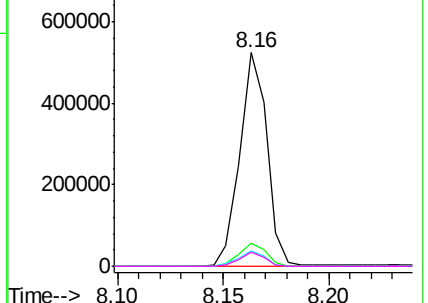


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.596 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

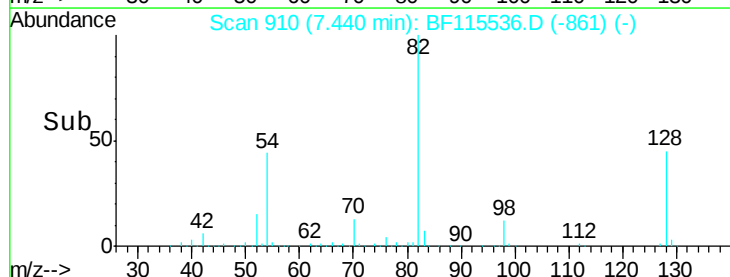
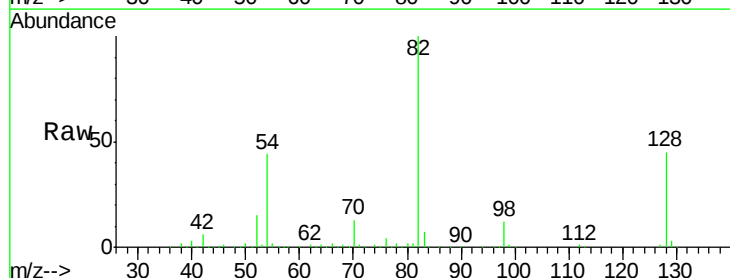
Tgt Ion: 82 Resp: 828769

Ion Ratio Lower Upper

82 100

128 44.8 38.6 57.8

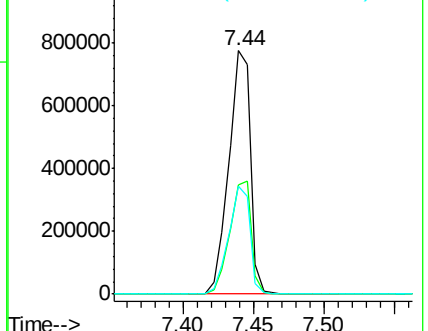
54 44.3 35.6 53.4

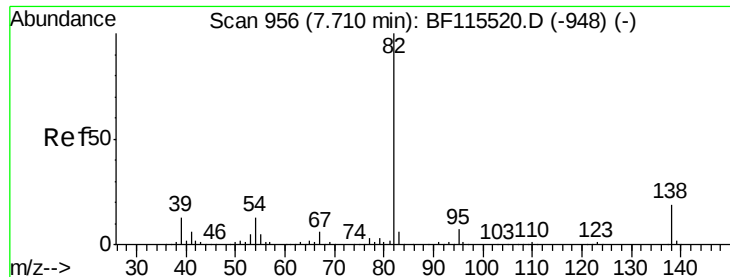


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.855 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

Instrument :

BNA_F

ClientSampleId :

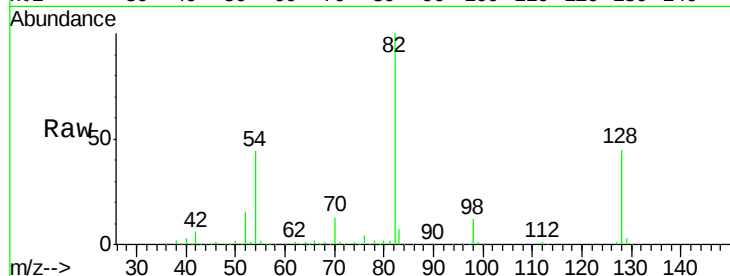
Tot Ion: 82 Resp: 822028

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

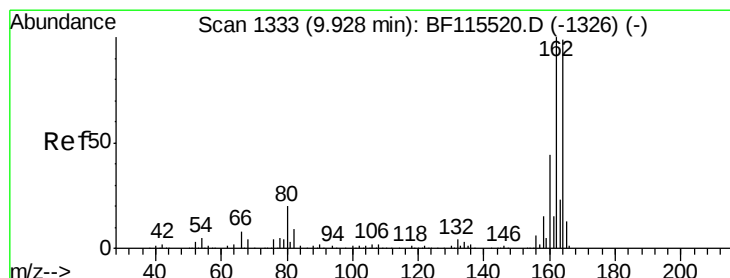
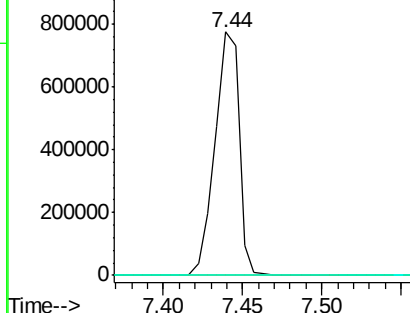
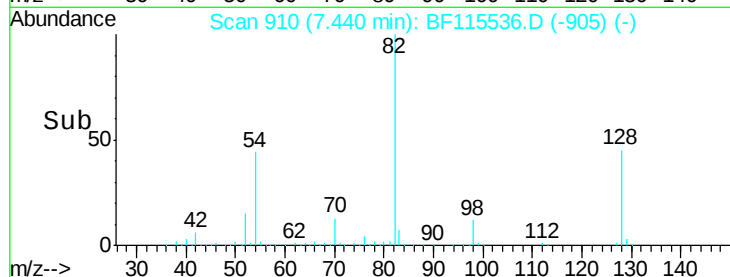
138 0.0 14.9 22.3#



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: BF115536.D

Acq: 12 Jul 2019 19:44

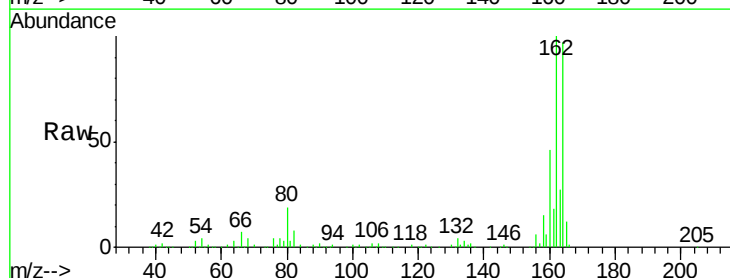
Tgt Ion:164 Resp: 201177

Ion Ratio Lower Upper

164 100

162 103.0 82.9 124.3

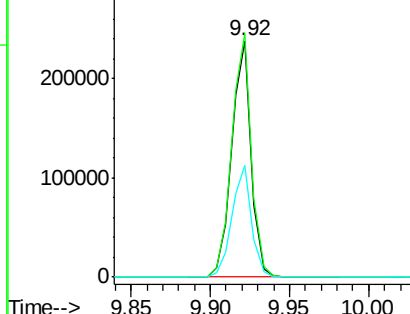
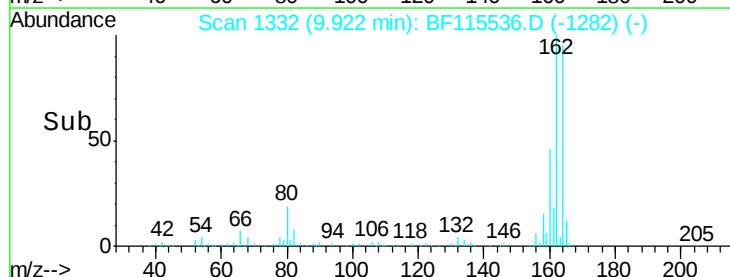
160 47.0 36.8 55.2

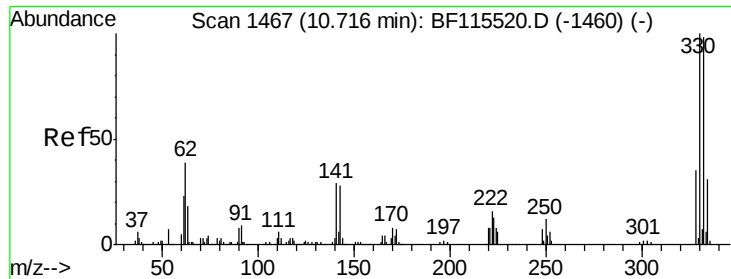


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

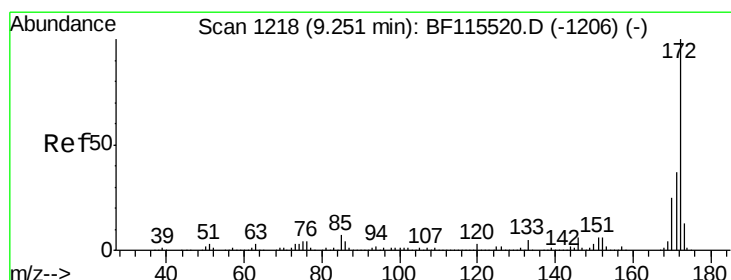
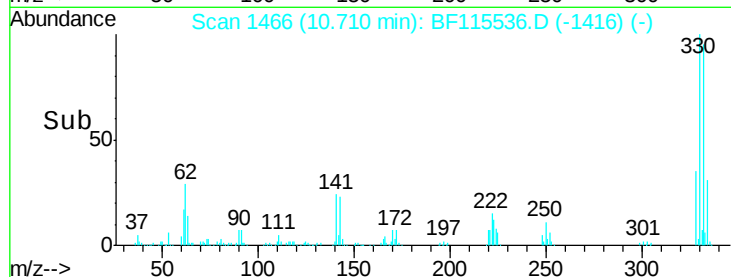
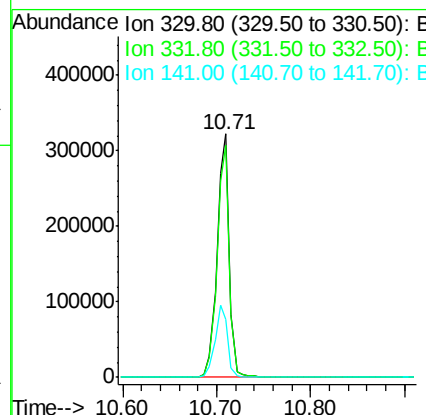
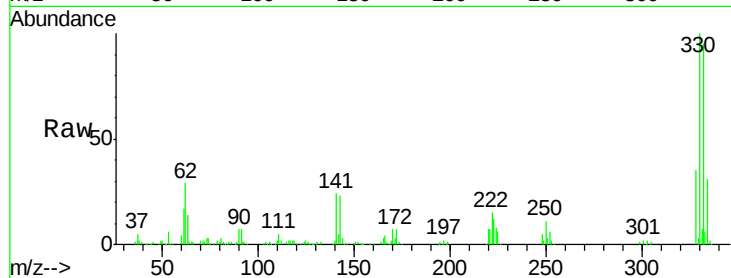




#42
 2,4,6-Tribromophenol
 Concen: 126.844 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115536.D
 Acq: 12 Jul 2019 19:44

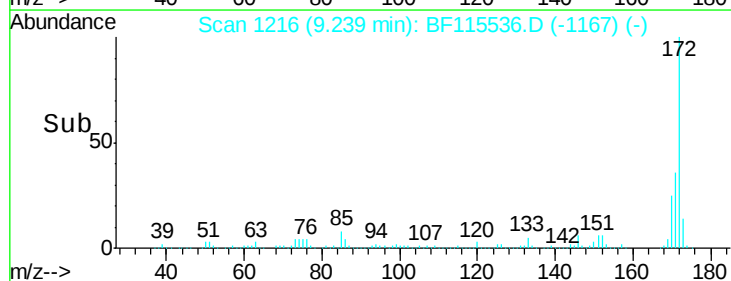
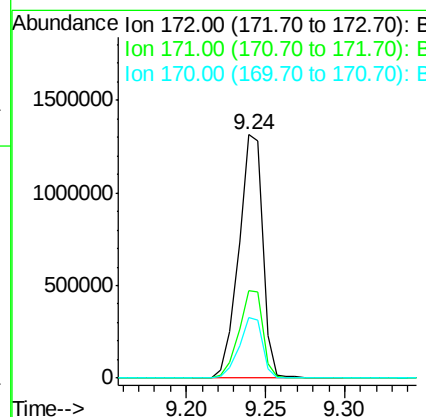
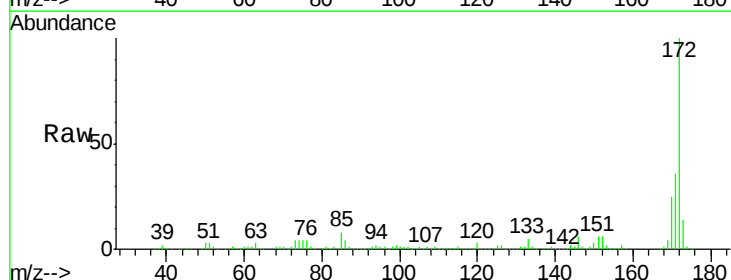
Instrument :
 BNA_F
 ClientSampleId :

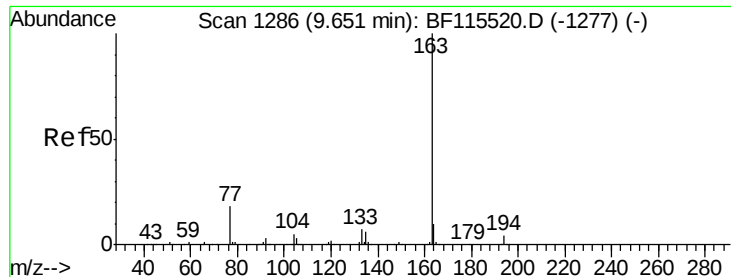
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	30.4	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 120.161 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115536.D
 Acq: 12 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.6	46.0
170	24.6	20.5	30.7





#50

Dimethylphthalate

Concen: 3.146 ng

RT: 9.63 min Scan# 1282

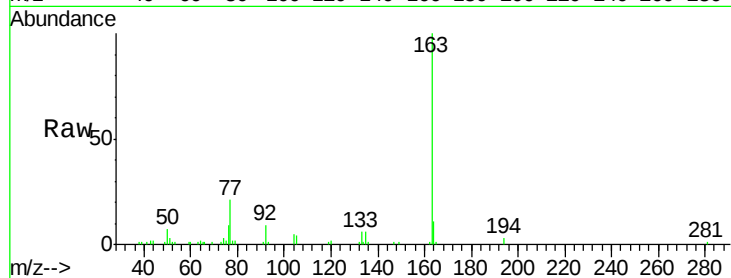
Delta R.T. -0.02 min

Lab File: BF115536.D

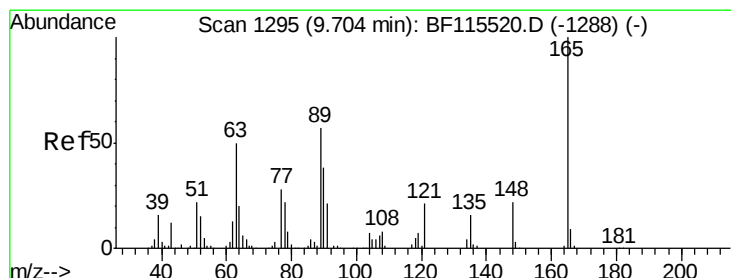
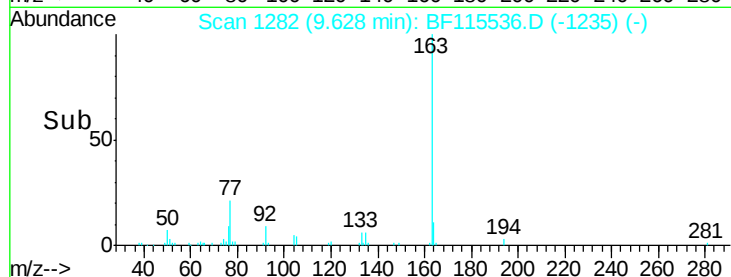
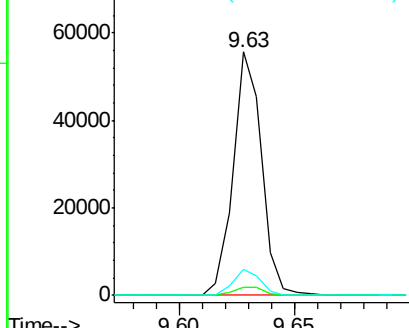
Acq: 12 Jul 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163	Resp:	47618
Ion Ratio	Lower	Upper
163	100	
194	3.5	3.3 4.9
164	10.7	8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.604 ng

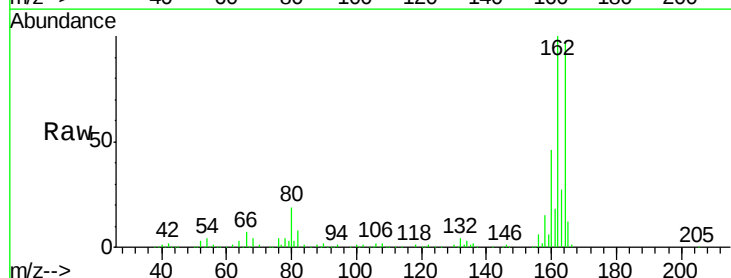
RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

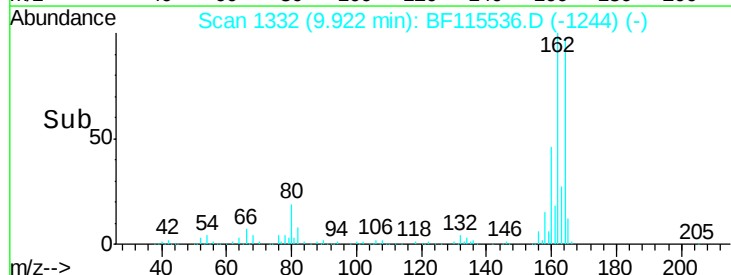
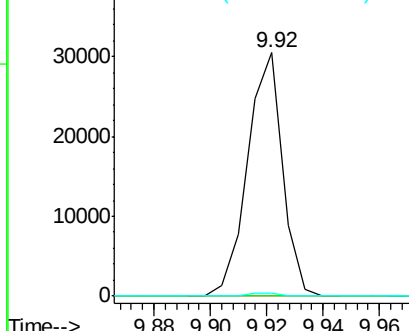
Lab File: BF115536.D

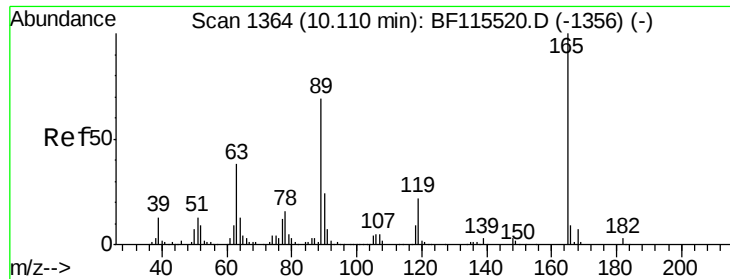
Acq: 12 Jul 2019 19:44

Tgt Ion:165	Resp:	26155
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.6 61.0#
89	1.4	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: 5.869 ng

RT: 9.92 min Scan# 1332

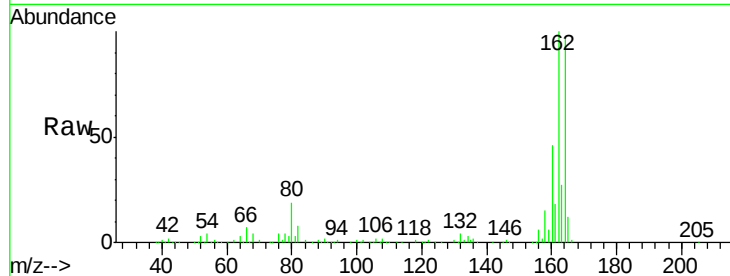
Delta R.T. -0.19 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	26155
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.9 52.3#
89	1.4	57.5 86.3#
182	0.0	2.2 3.4#

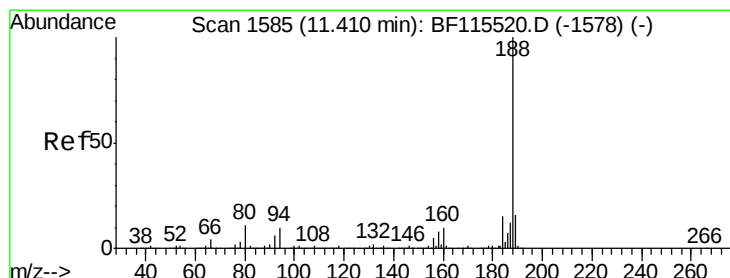
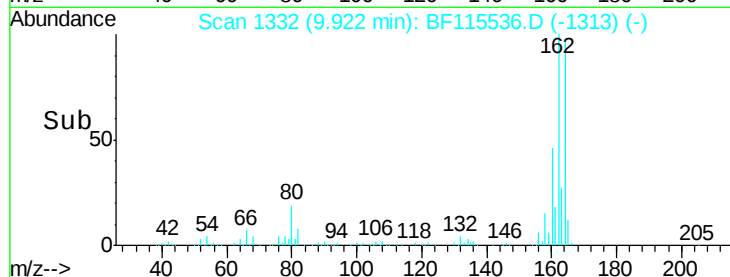
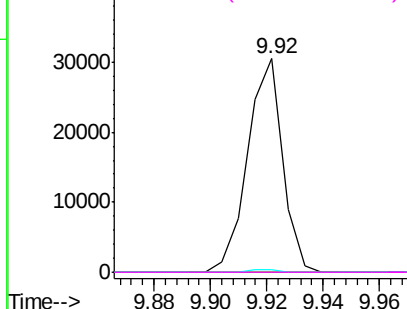


Abundance Ion 165.00 (164.70 to 165.70): E

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

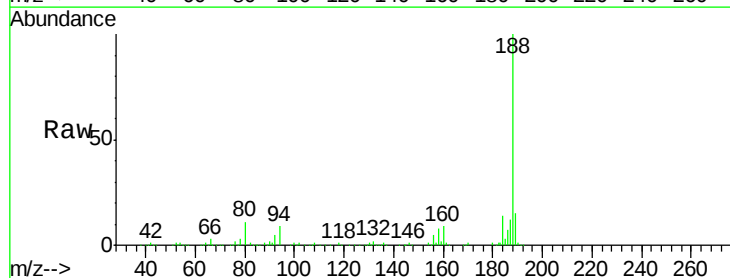
RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

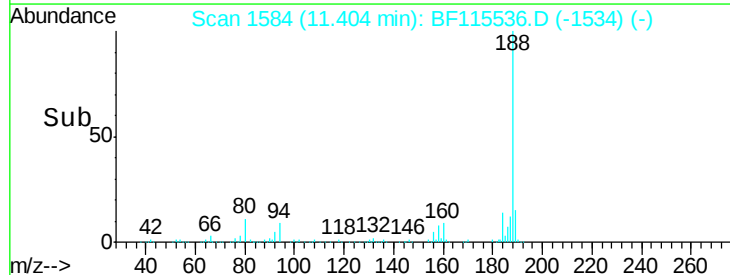
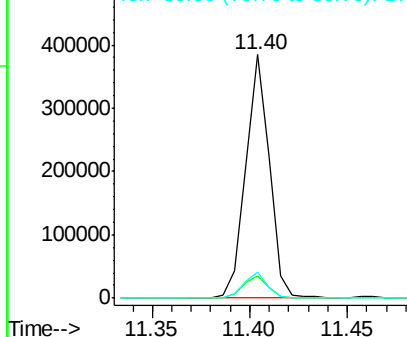
Tgt Ion:188	Resp:	323940
Ion Ratio	Lower	Upper
188	100	
94	9.3	7.8 11.6
80	10.7	8.6 13.0

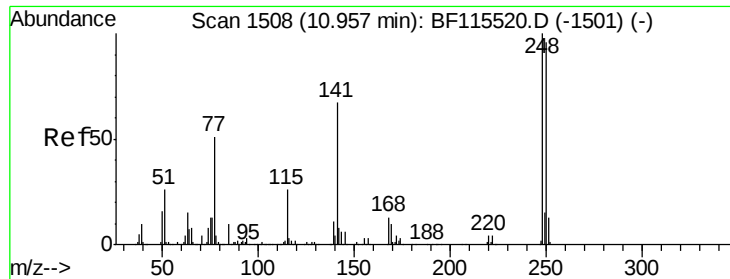


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

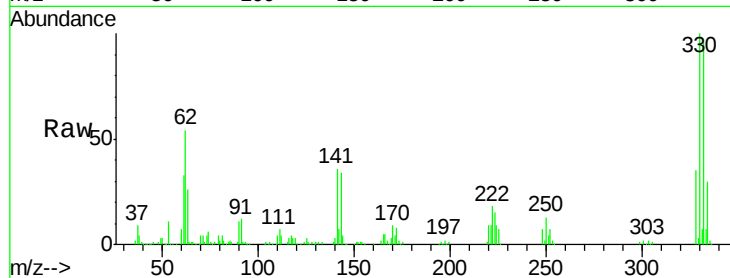




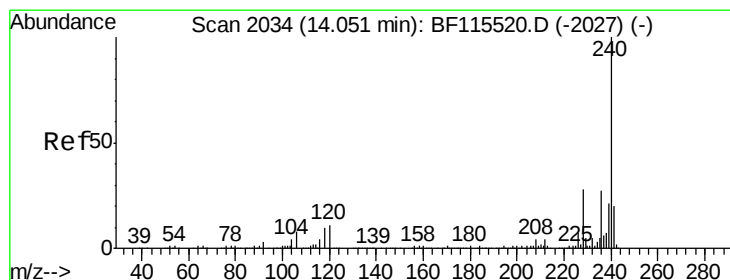
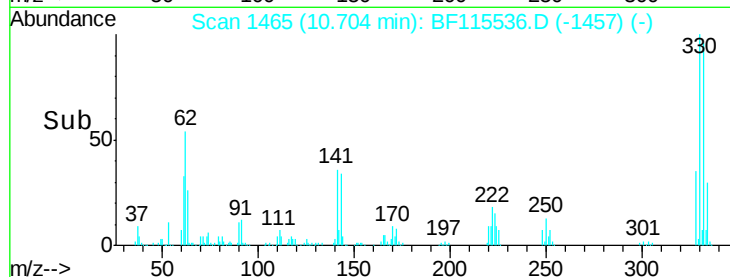
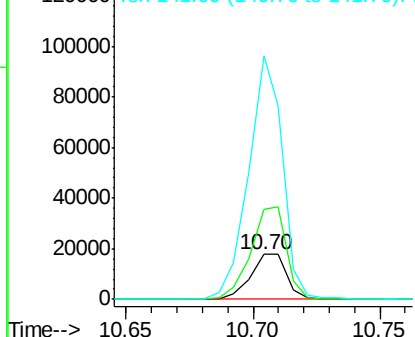
#67
4-Bromophenyl-phenylether
Concen: 4.781 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115536.D
Acq: 12 Jul 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17699
Ion Ratio Lower Upper
248 100
250 199.7 78.0 117.0#
141 541.3 57.7 86.5#

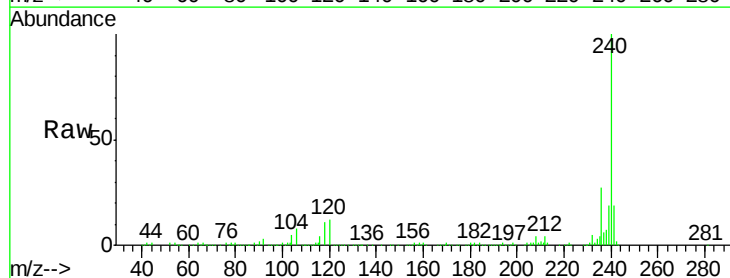


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

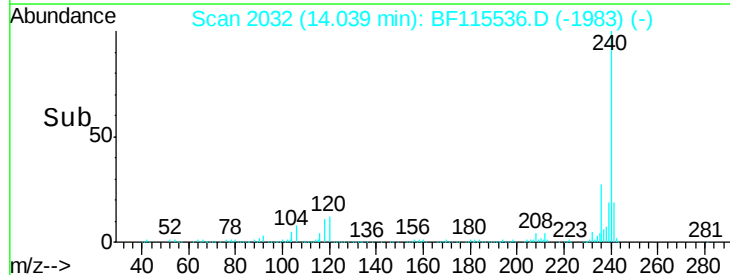
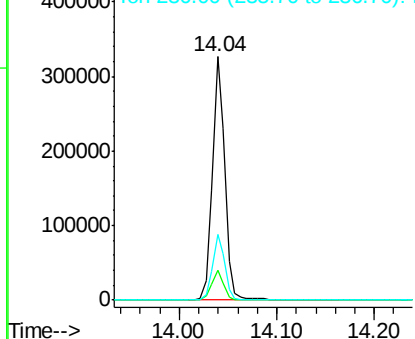


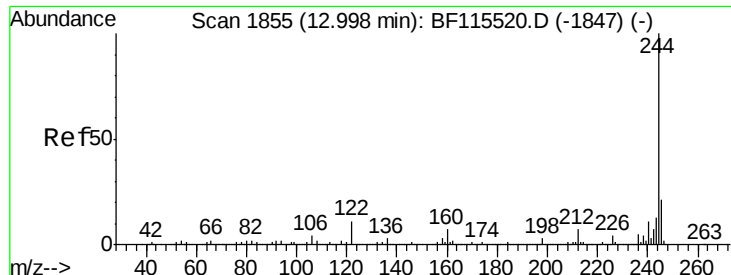
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115536.D
Acq: 12 Jul 2019 19:44

Tgt Ion:240 Resp: 287122
Ion Ratio Lower Upper
240 100
120 12.3 8.6 13.0
236 27.0 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: 82.780 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

Instrument :

BNA_F

ClientSampleId :

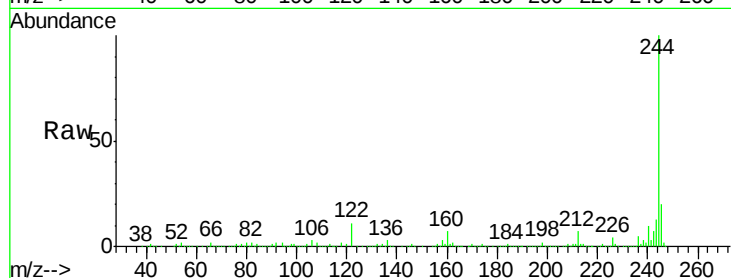
Tot Ion:244 Resp: 1288114

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

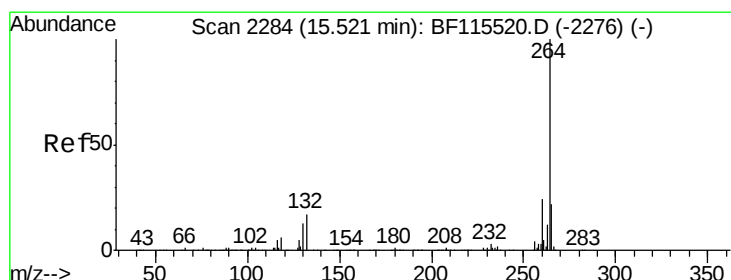
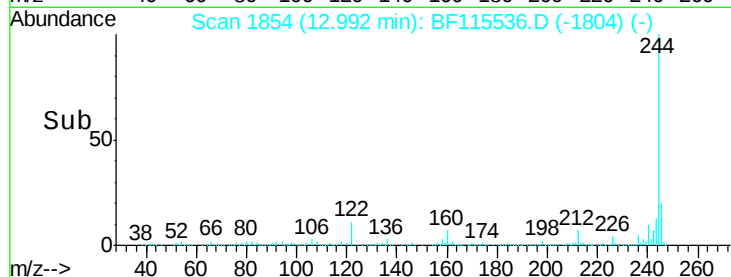
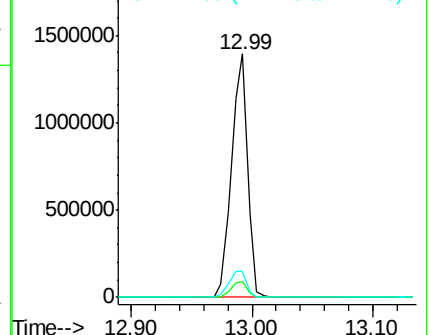
122 10.6 8.6 12.8



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: BF115536.D

Acq: 12 Jul 2019 19:44

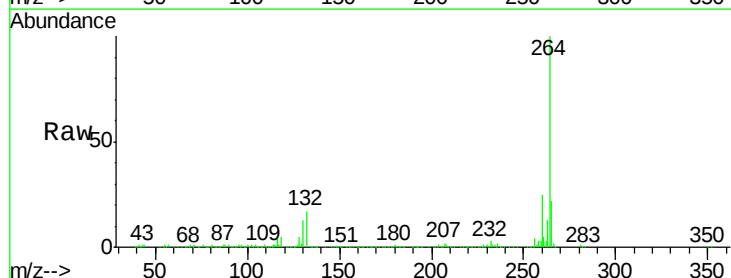
Tgt Ion:264 Resp: 303283

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 22.2 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

