

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115537.D
 Acq On : 12 Jul 2019 20:11
 Operator : HP/JU
 Sample : K3740-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:11:24 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

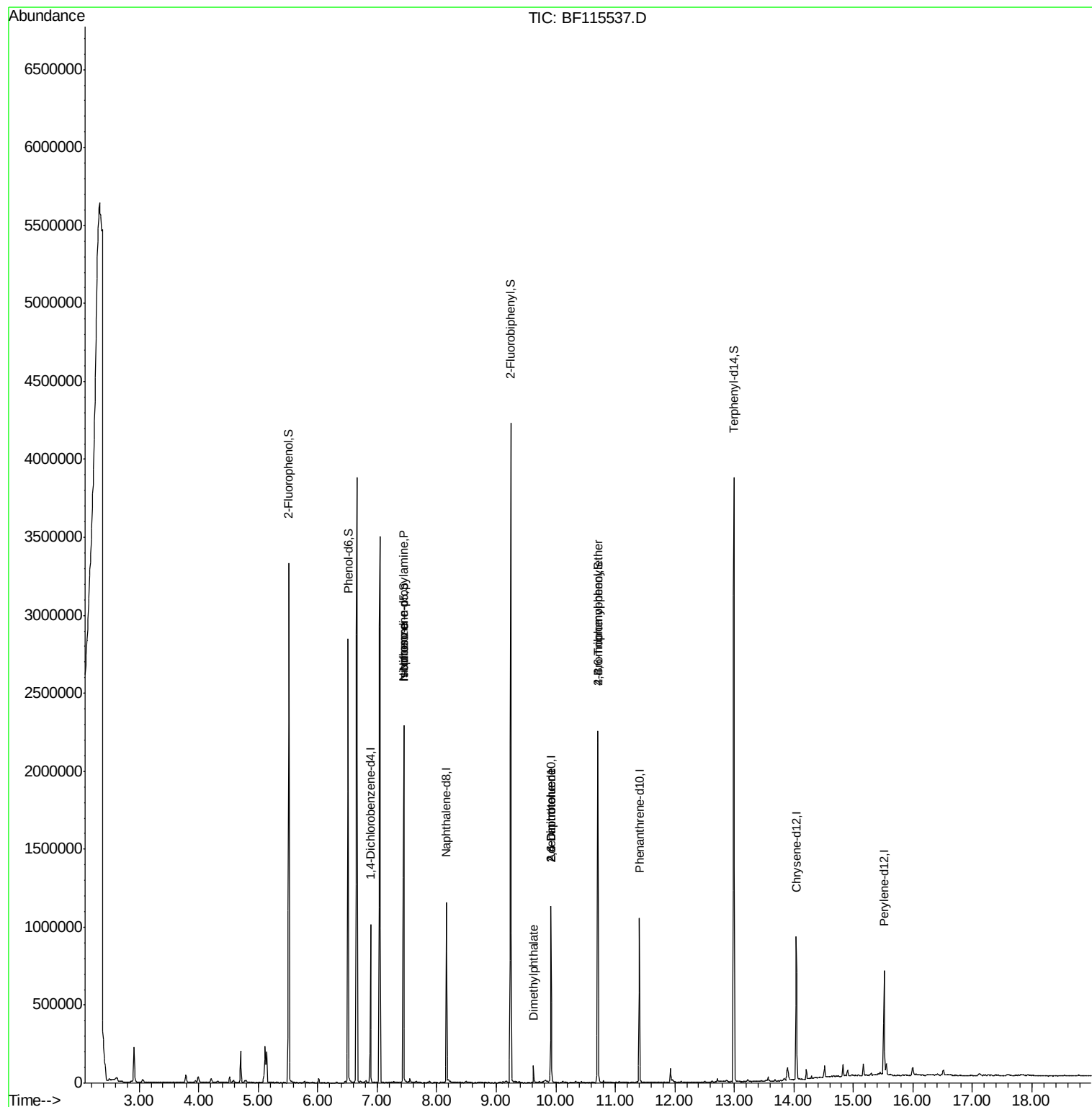
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	142219	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	507626	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	226304	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	360129	20.00	ng	0.00
76) Chrysene-d12	14.04	240	297989	20.00	ng	-0.01
87) Perylene-d12	15.52	264	321821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	971525	111.74	ng	0.01
7) Phenol-d6	6.51	99	1090091	98.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	863535	98.91	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	319306	120.88	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1498229	115.88	ng	0.00
79) Terphenyl-d14	12.99	244	1322983	81.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	115588	16.065	ng	# 79
25) Isophorone	7.45	82	857018	49.059	ng	# 64
50) Dimethylphthalate	9.63	163	44870	2.635	ng	100
51) 2,6-Dinitrotoluene	9.92	165	28681	7.412	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	28681	5.721	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	19545	4.749	ng	# 1

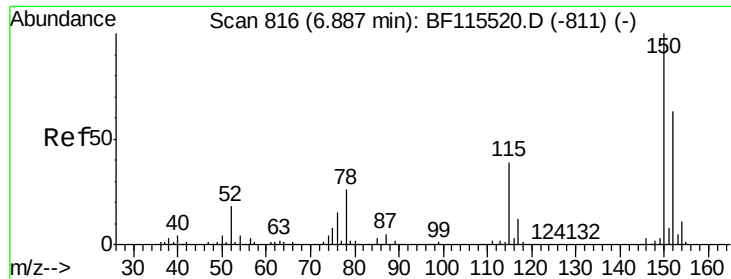
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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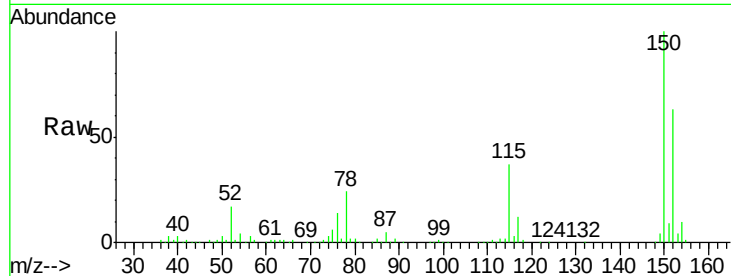


#1

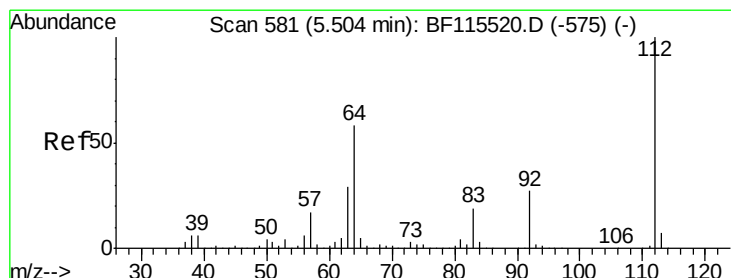
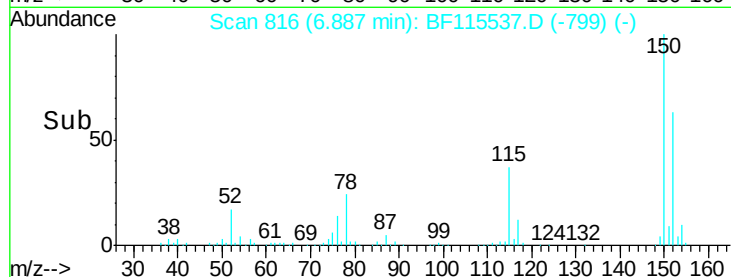
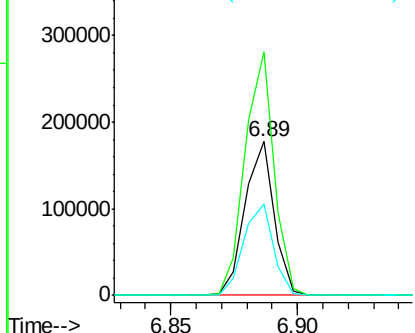
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115537.D
Acq: 12 Jul 2019 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142219
Ion Ratio Lower Upper
152 100
150 158.3 129.7 194.5
115 59.0 48.2 72.4



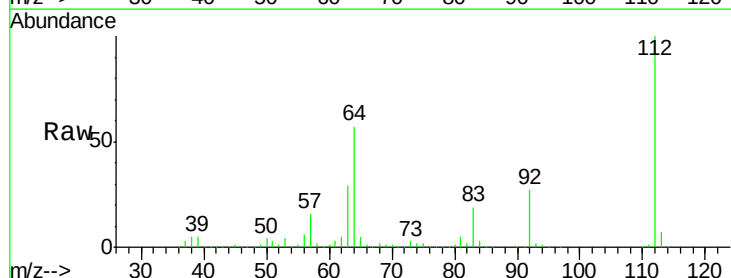
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



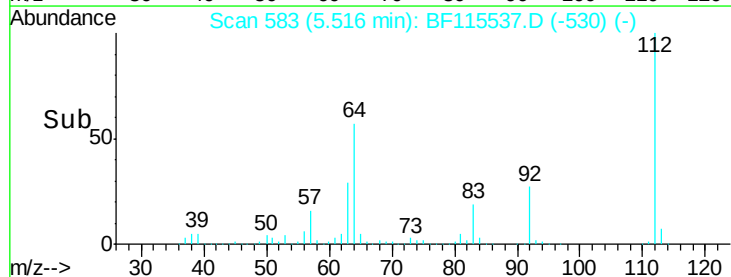
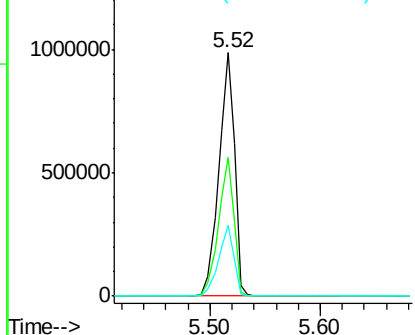
#5

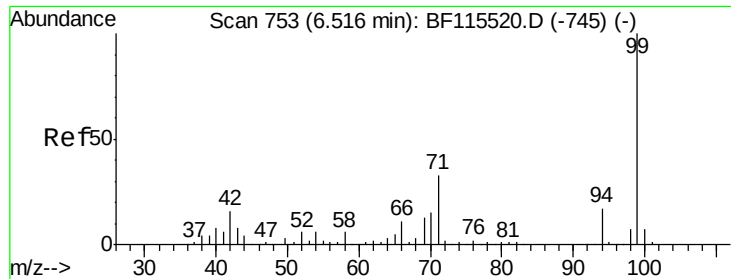
2-Fluorophenol
Concen: 111.738 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115537.D
Acq: 12 Jul 2019 20:11

Tgt Ion:112 Resp: 971525
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 29.0 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: 98.807 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115537.D

Acq: 12 Jul 2019 20:11

Instrument :

BNA_F

ClientSampleId :

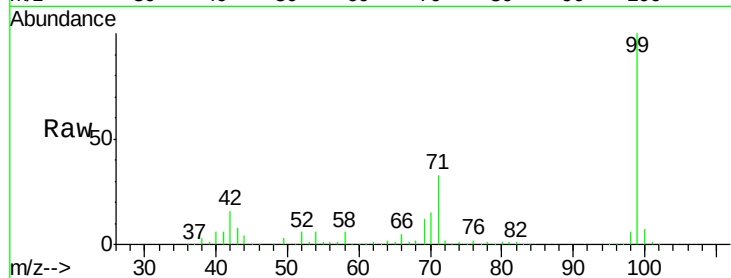
Tot Ion: 99 Resp: 1090091

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

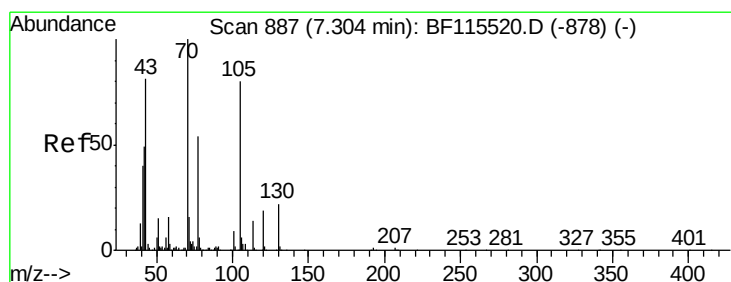
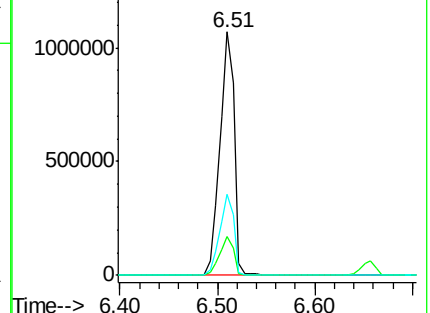
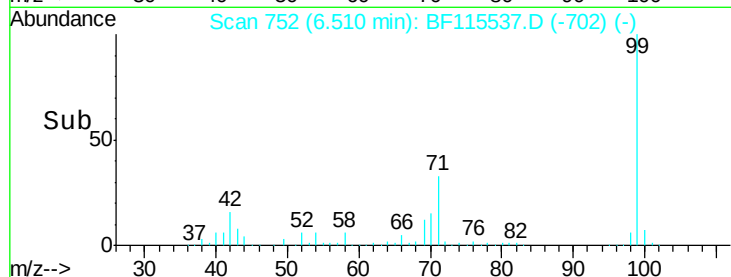
71 33.5 28.5 42.7



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: 16.065 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115537.D

Acq: 12 Jul 2019 20:11

Tgt Ion: 70 Resp: 115588

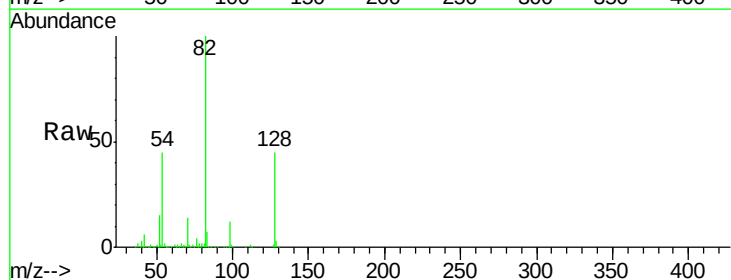
Ion Ratio Lower Upper

70 100

42 42.3 39.6 59.4

101 0.0 8.1 12.1#

130 2.1 18.2 27.2#

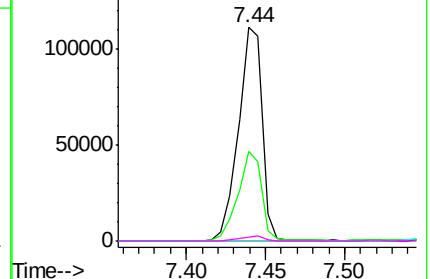
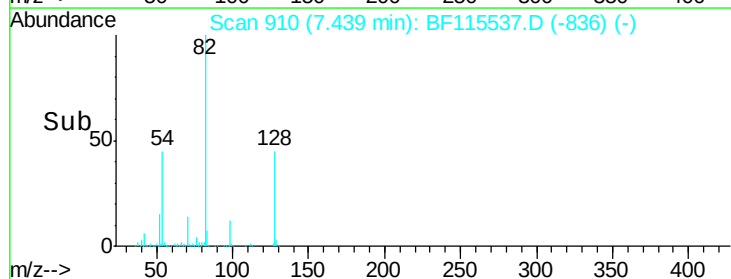


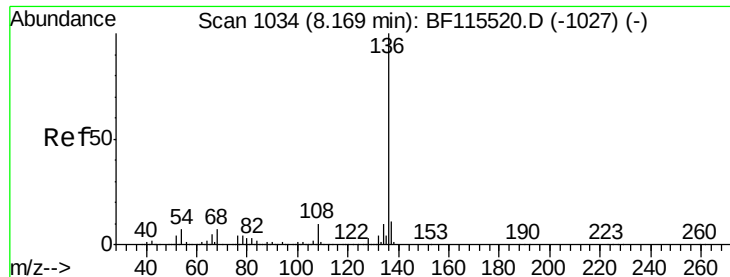
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

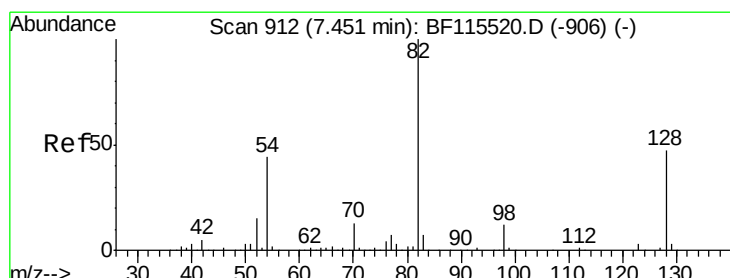
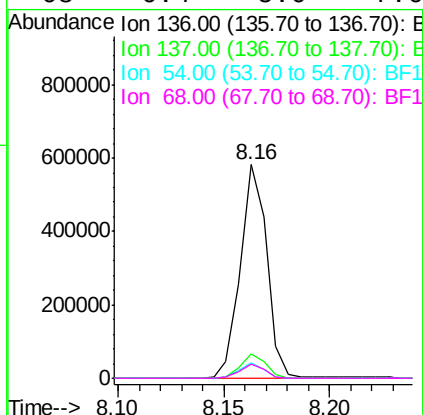
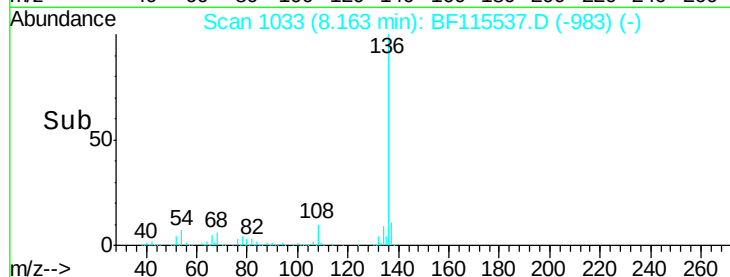
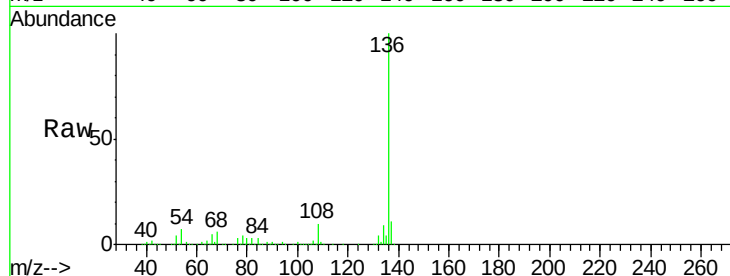




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115537.D
Acq: 12 Jul 2019 20:11

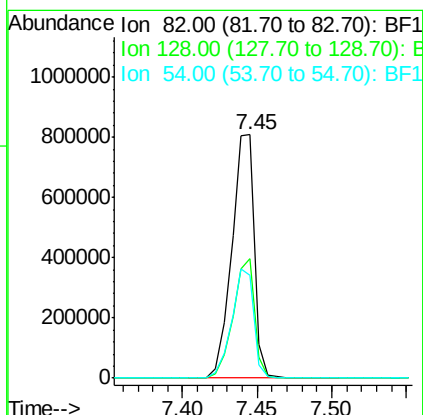
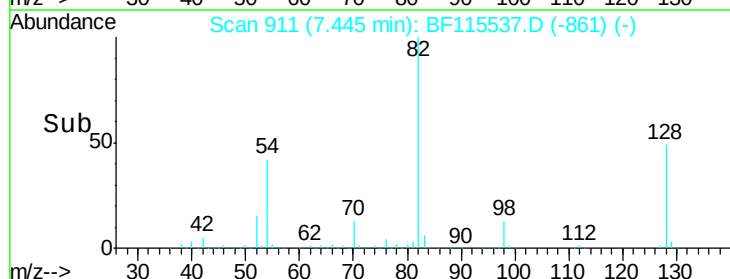
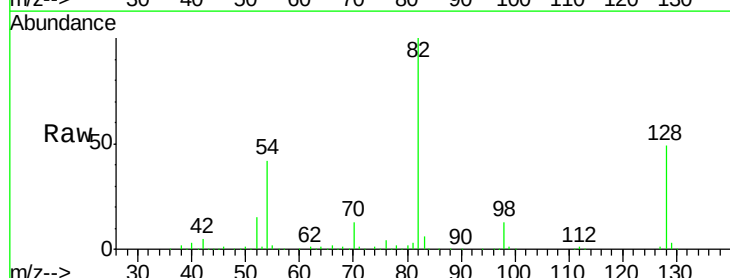
Instrument :
BNA_F
ClientSampleId :

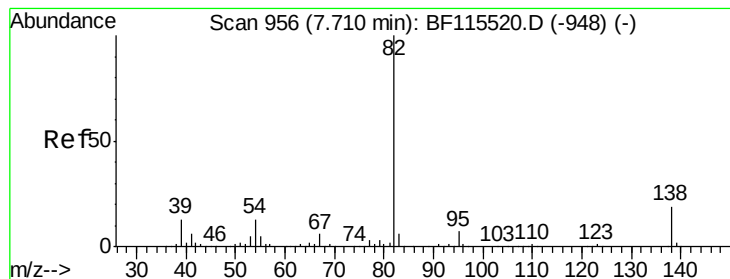
Tot Ion:136	Resp:	507626	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.0	13.4	
54 7.3	5.6	8.4	
68 6.4	5.0	7.6	



#23
Nitrobenzene-d5
Concen: 98.915 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115537.D
Acq: 12 Jul 2019 20:11

Tgt Ion: 82	Resp: 863535
Ion Ratio	Lower Upper
82 100	
128 49.2	38.6 57.8
54 42.1	35.6 53.4





#25

Isophorone

Concen: 49.059 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF115537.D

Acq: 12 Jul 2019 20:11

Instrument :

BNA_F

ClientSampleId :

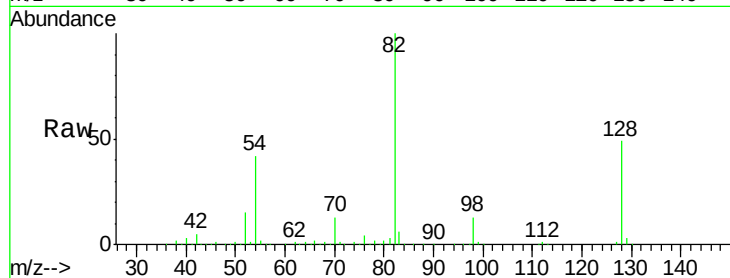
Tot Ion: 82 Resp: 857018

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

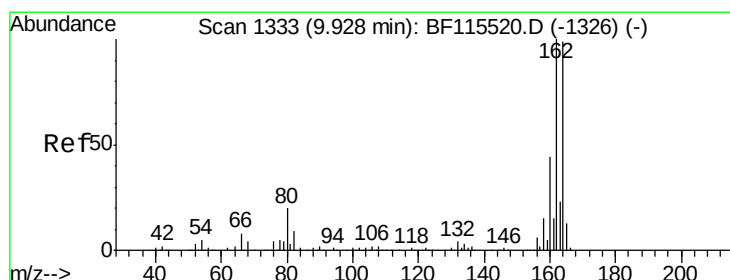
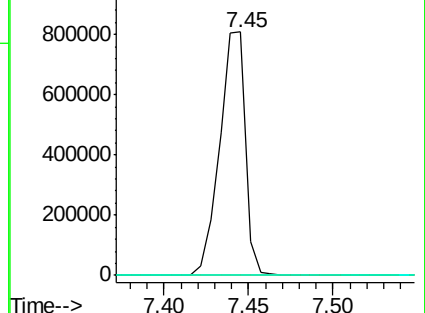
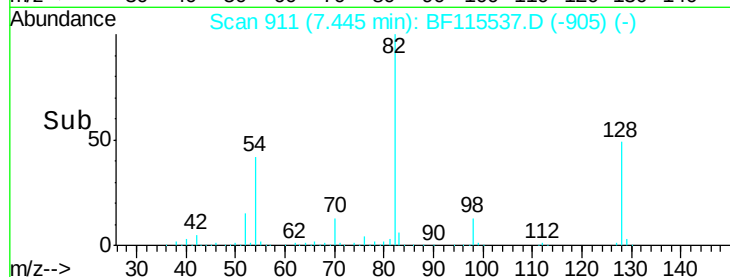
138 0.0 14.9 22.3#



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: BF115537.D

Acq: 12 Jul 2019 20:11

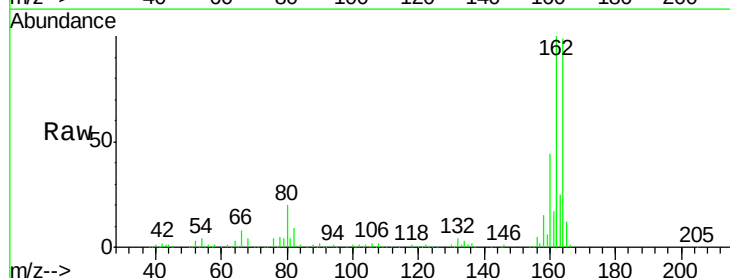
Tgt Ion:164 Resp: 226304

Ion Ratio Lower Upper

164 100

162 101.5 82.9 124.3

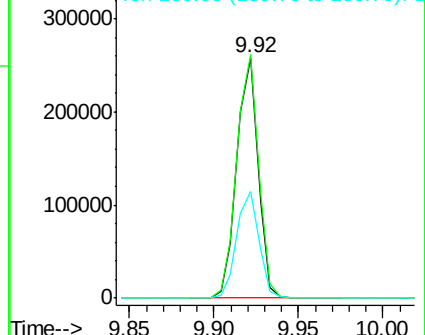
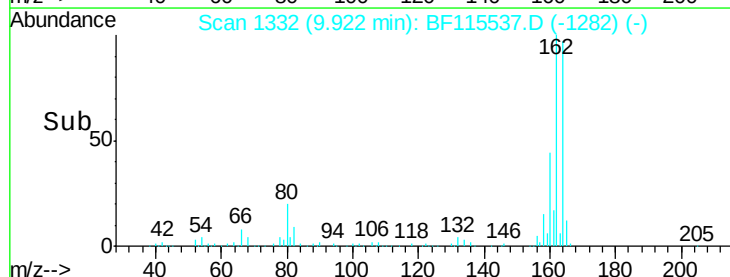
160 44.7 36.8 55.2

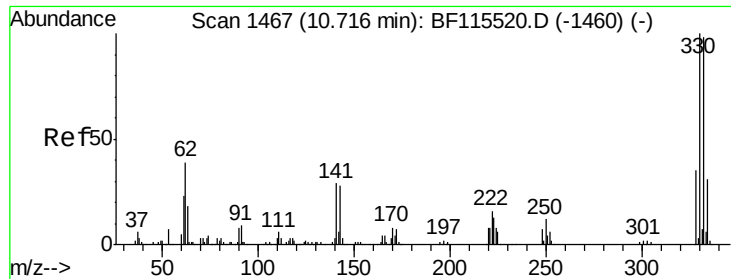


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 120.880 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115537.D

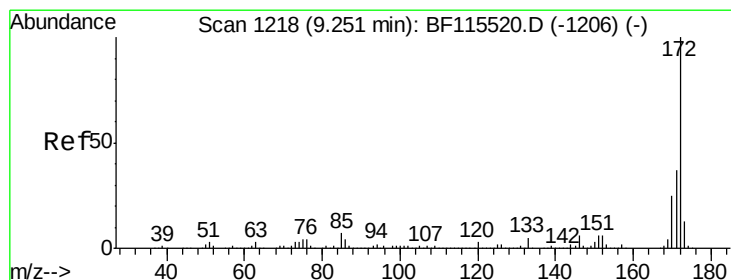
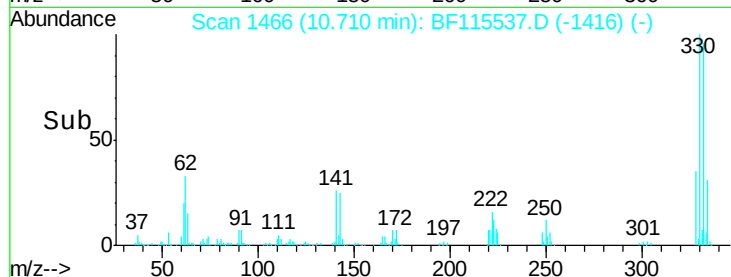
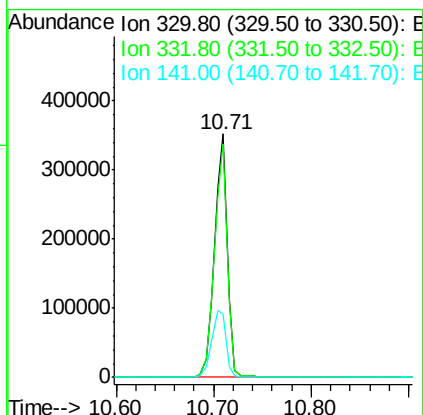
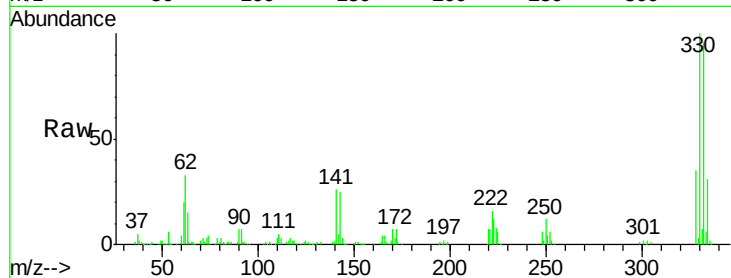
Acq: 12 Jul 2019 20:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	319306
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	30.8	22.4	33.6



#45

2-Fluorobiphenyl

Concen: 115.876 ng

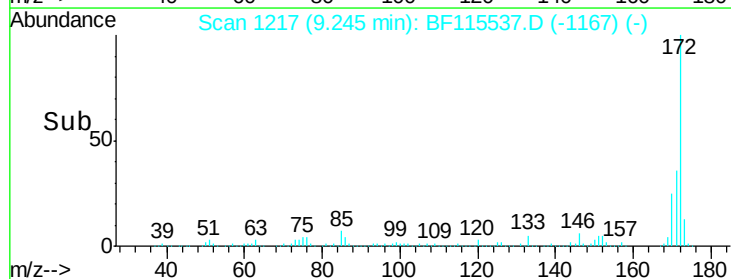
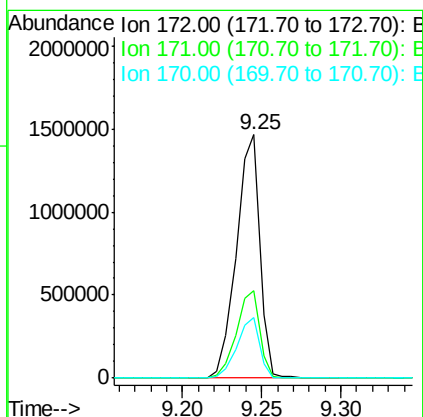
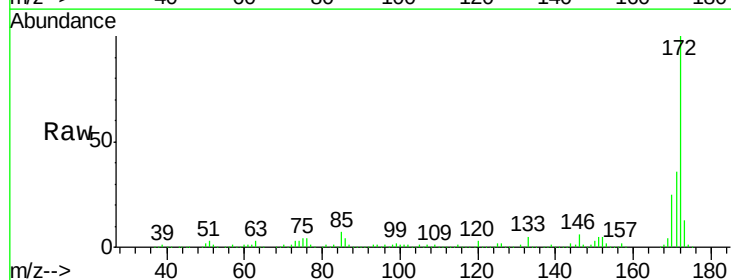
RT: 9.25 min Scan# 1217

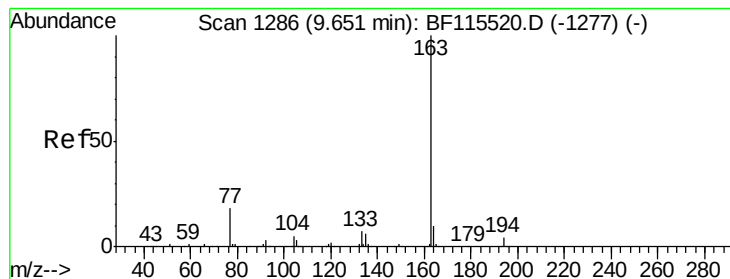
Delta R.T. -0.01 min

Lab File: BF115537.D

Acq: 12 Jul 2019 20:11

Tgt Ion:	172	Resp:	1498229
Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	46.0
170	24.8	20.5	30.7





#50

Dimethylphthalate

Concen: 2.635 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115537.D

Acq: 12 Jul 2019 20:11

Instrument :

BNA_F

ClientSampleId :

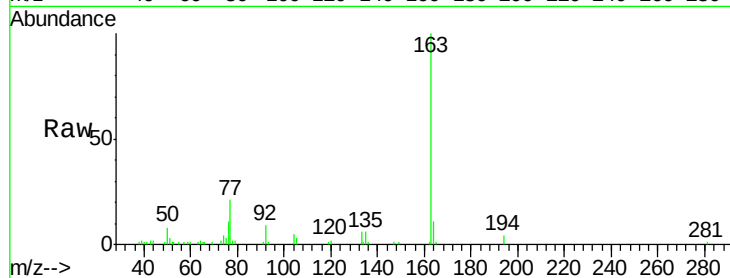
Tot Ion:163 Resp: 44870

Ion Ratio Lower Upper

163 100

194 3.6 3.3 4.9

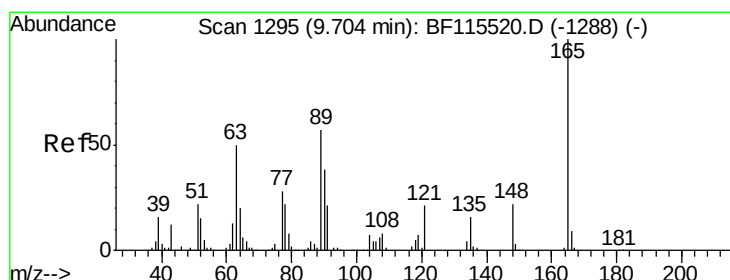
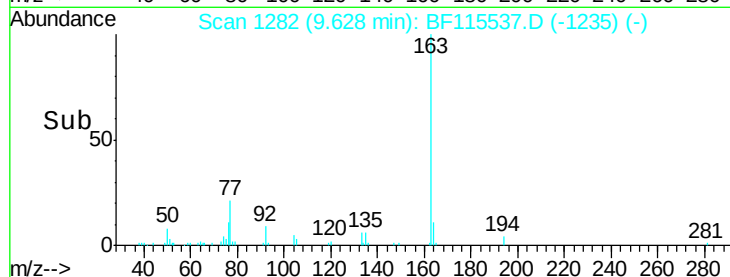
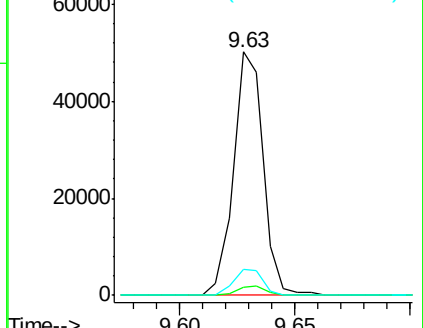
164 10.9 8.7 13.1



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: 7.412 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF115537.D

Acq: 12 Jul 2019 20:11

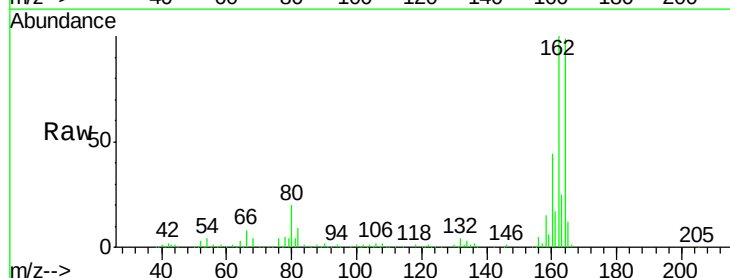
Tgt Ion:165 Resp: 28681

Ion Ratio Lower Upper

165 100

63 1.4 40.6 61.0#

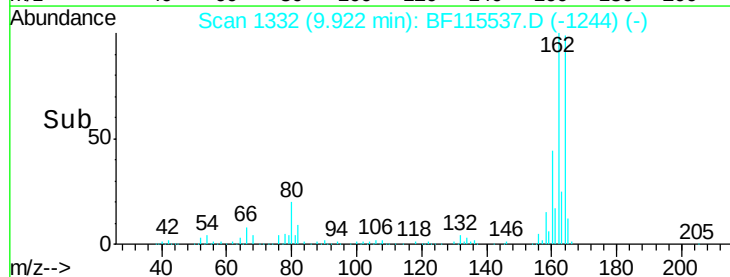
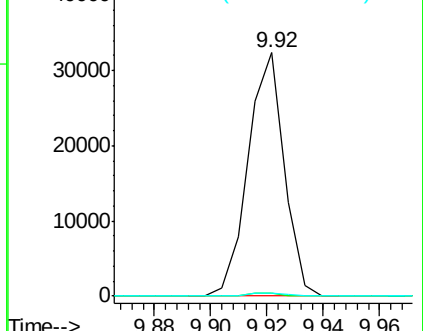
89 1.5 43.9 65.9#

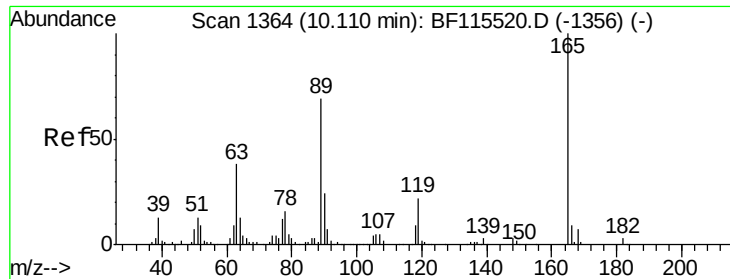


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

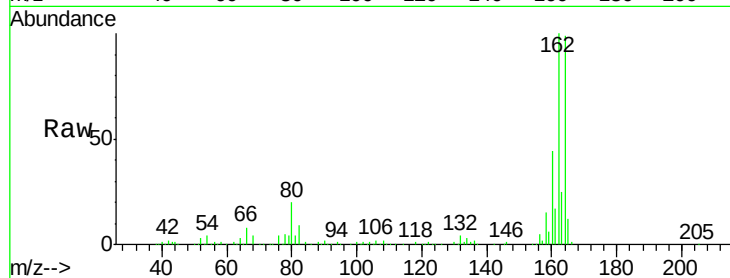




#57
 2,4-Dinitrotoluene
 Concen: 5.721 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF115537.D
 Acq: 12 Jul 2019 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.9	52.3#
89	1.5	57.5	86.3#
182	0.0	2.2	3.4#

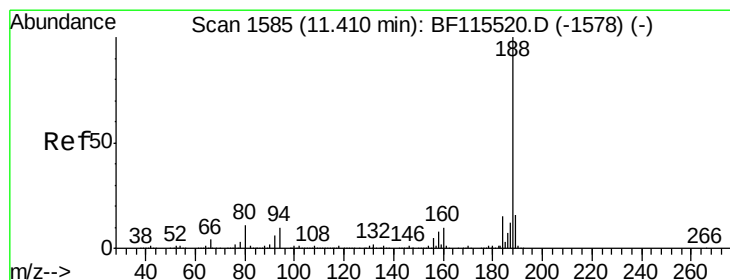
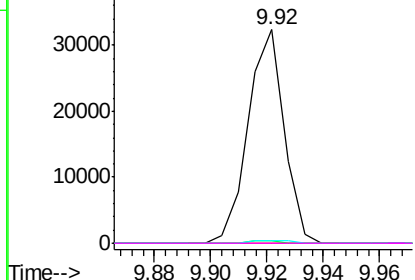
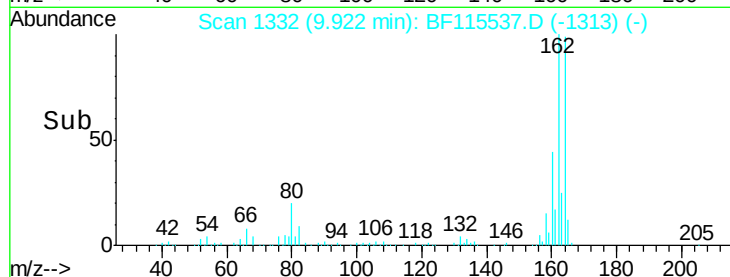


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

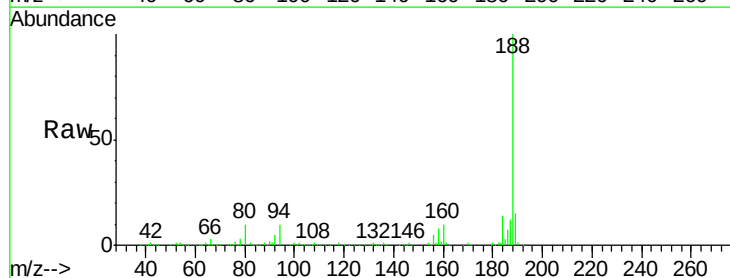
Ion 89.00 (88.70 to 89.70): BF1

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: BF115537.D
 Acq: 12 Jul 2019 20:11

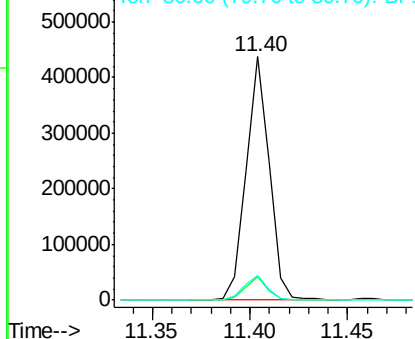
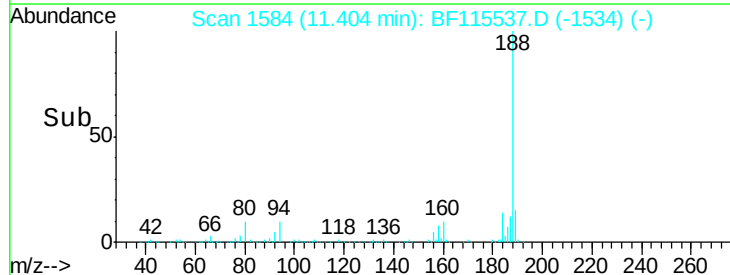
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	10.4	8.6	13.0

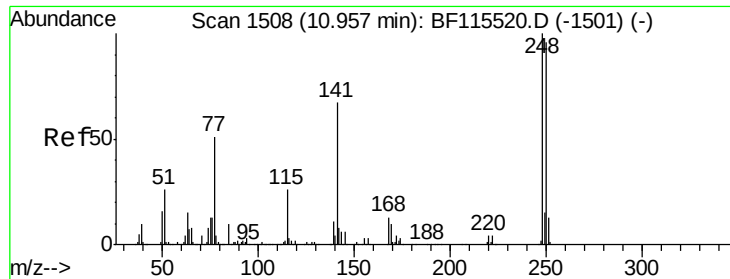


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

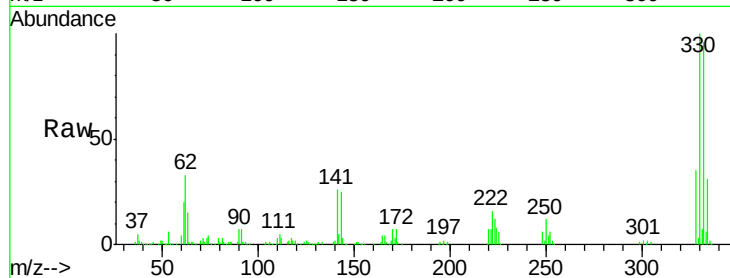




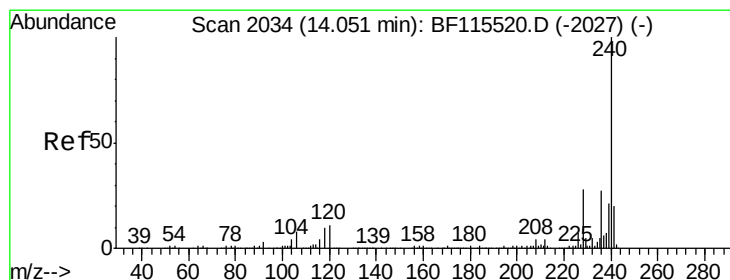
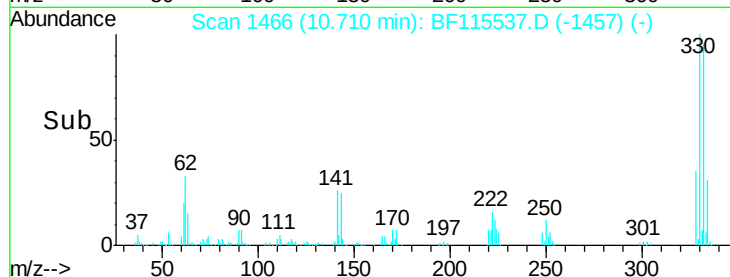
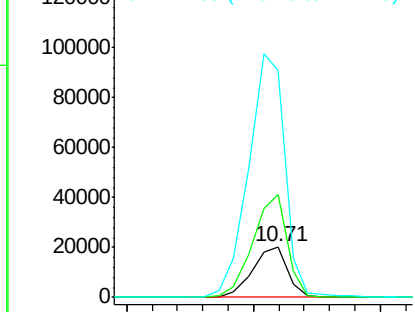
#67
4-Bromophenyl-phenylether
Concen: 4.749 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115537.D
Acq: 12 Jul 2019 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19545
Ion Ratio Lower Upper
248 100
250 201.5 78.0 117.0#
141 445.0 57.7 86.5#

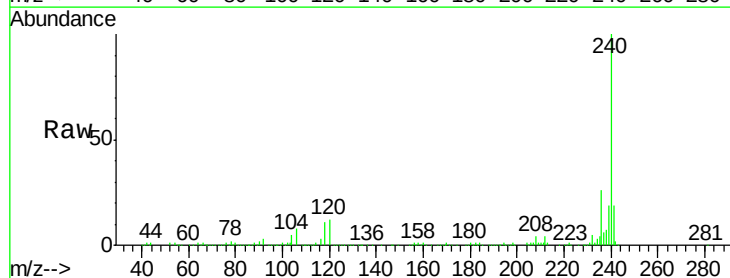


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

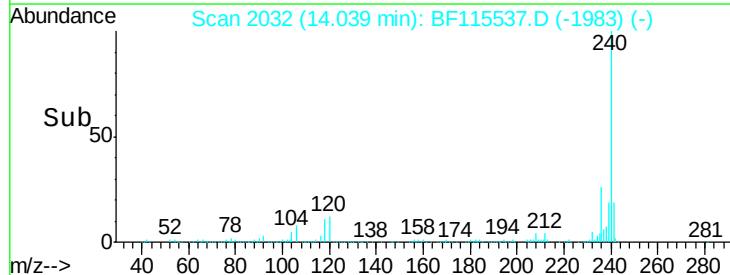
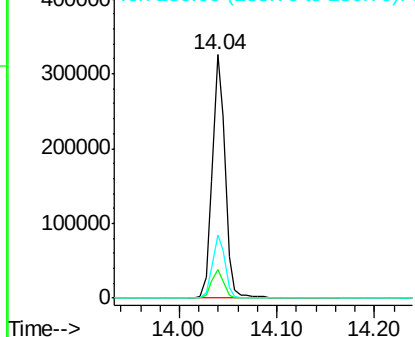


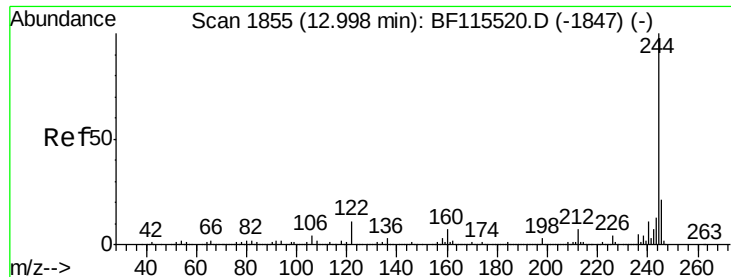
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115537.D
Acq: 12 Jul 2019 20:11

Tgt Ion:240 Resp: 297989
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 25.8 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: 81.920 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115537.D

Acq: 12 Jul 2019 20:11

Instrument :

BNA_F

ClientSampleId :

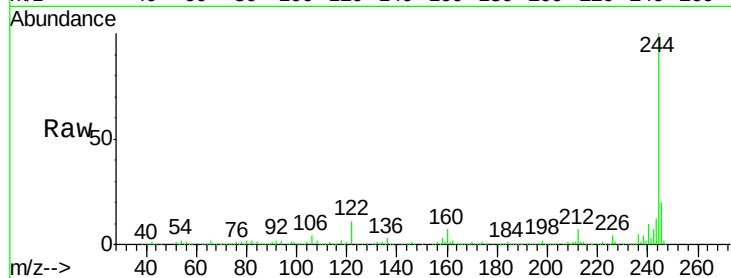
Tot Ion:244 Resp: 1322983

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

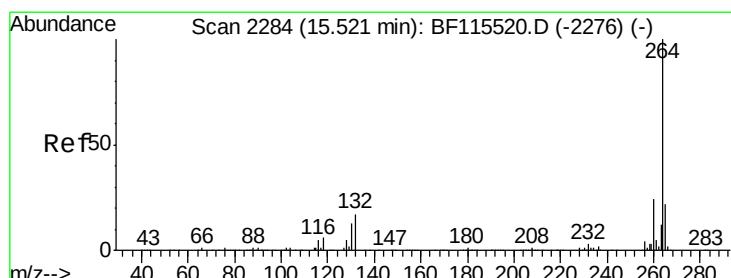
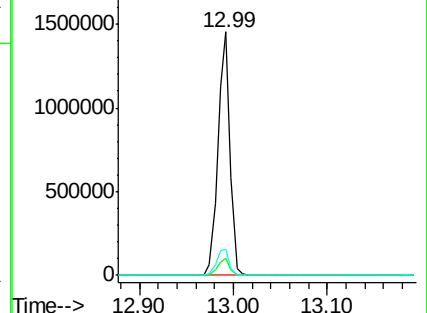
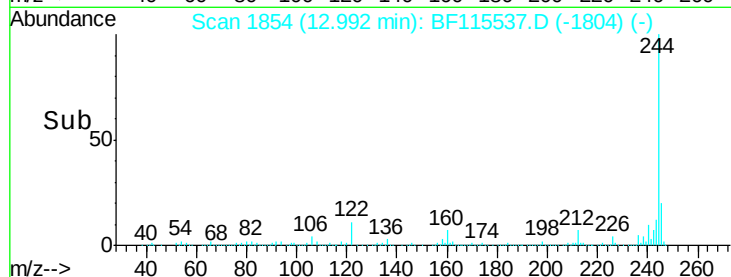
122 10.8 8.6 12.8



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: BF115537.D

Acq: 12 Jul 2019 20:11

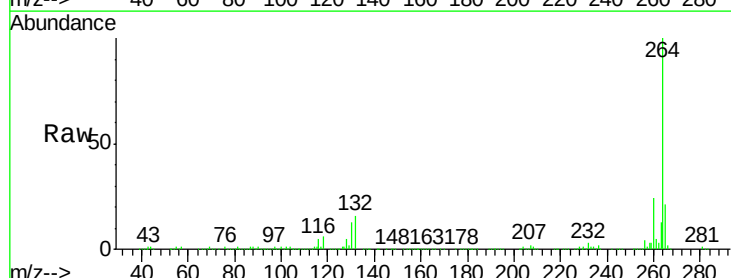
Tgt Ion:264 Resp: 321821

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 21.3 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

