

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115533.D
 Acq On : 12 Jul 2019 18:24
 Operator : HP/JU
 Sample : K3621-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:10:43 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

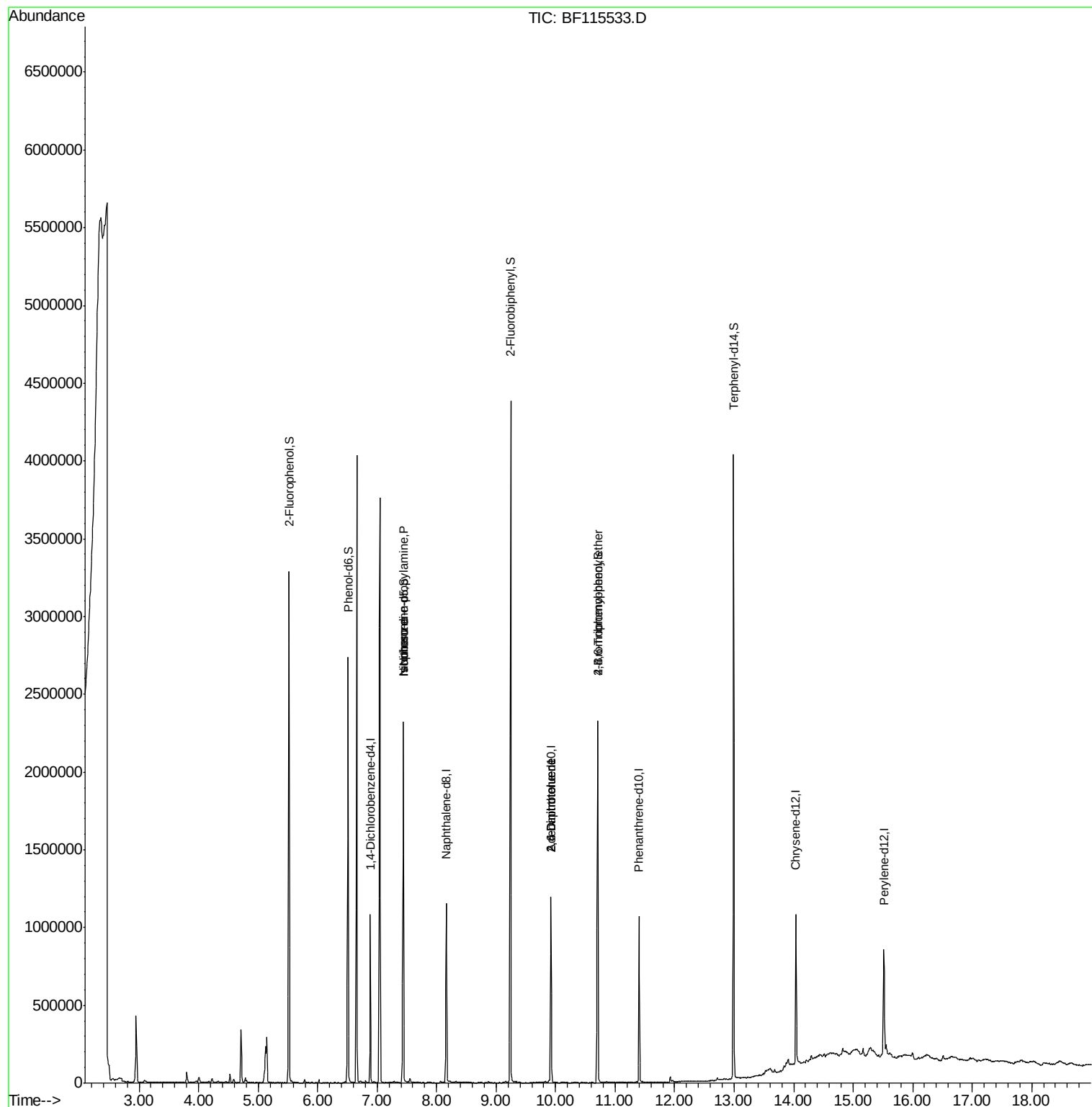
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	151854	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	548826	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	231135	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	367600	20.00	ng	0.00
76) Chrysene-d12	14.04	240	313227	20.00	ng	-0.01
87) Perylene-d12	15.52	264	325923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	987926	106.42	ng	0.02
7) Phenol-d6	6.52	99	1078337	91.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	918692	97.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	324504	120.28	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1580320	119.67	ng	0.00
79) Terphenyl-d14	12.99	244	1373368	80.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	121618	15.830	ng	# 78
25) Isophorone	7.44	82	911936	48.284	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	29956	7.580	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	29956	5.851	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	20187	4.806	ng	# 1

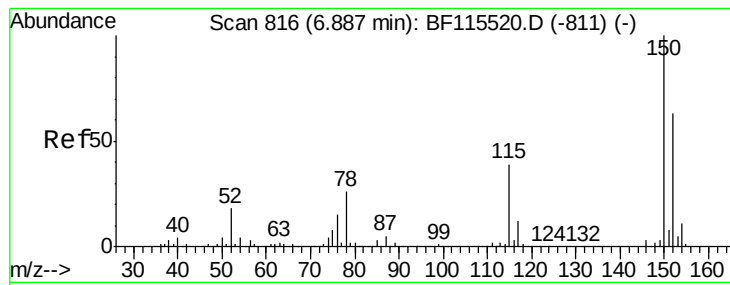
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

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Response via : Initial Calibration

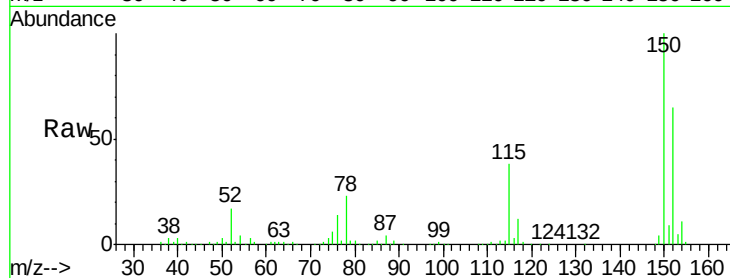




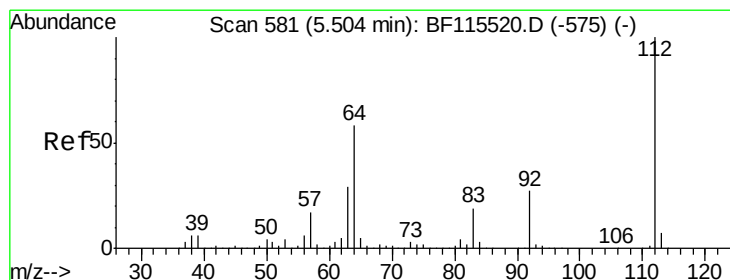
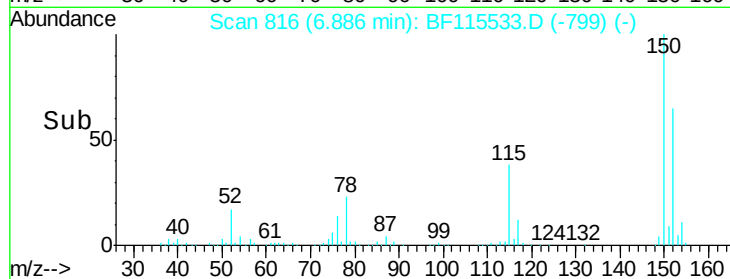
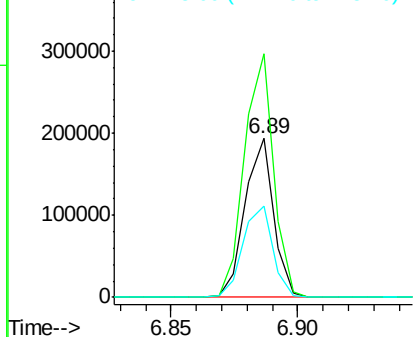
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF115533.D
 Acq: 12 Jul 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 151854
 Ion Ratio Lower Upper
 152 100
 150 153.1 129.7 194.5
 115 57.6 48.2 72.4

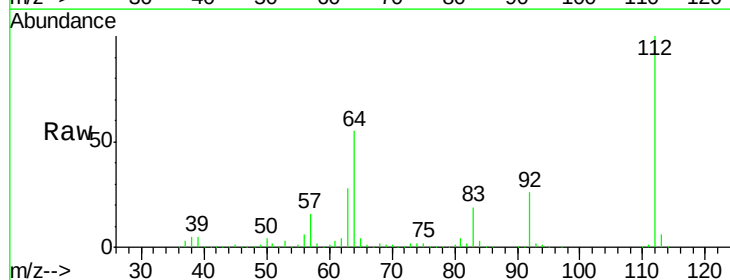


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

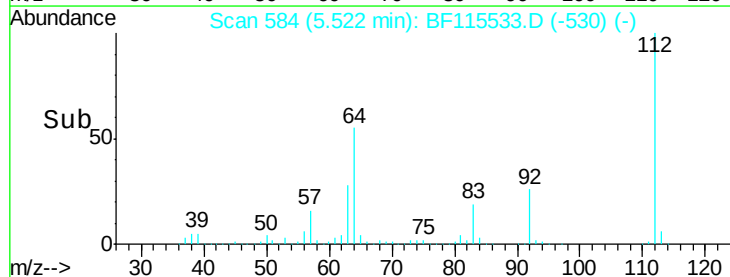
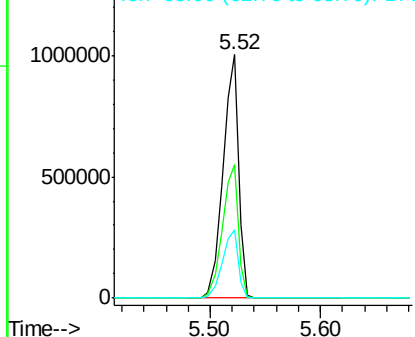


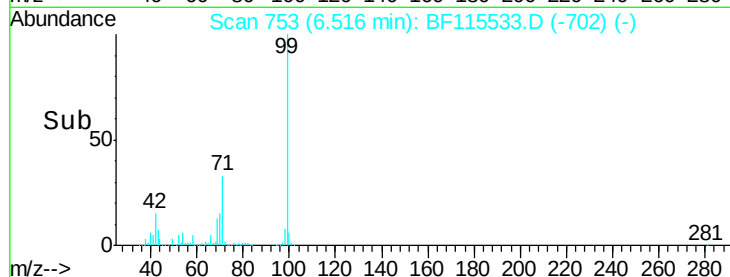
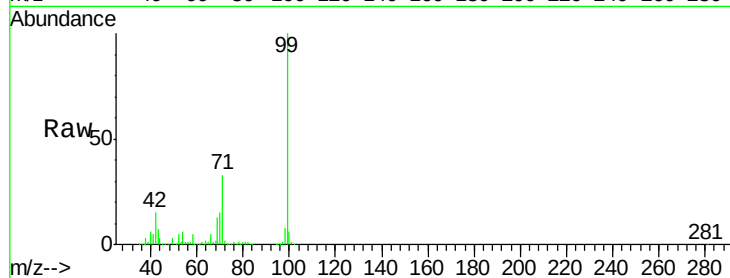
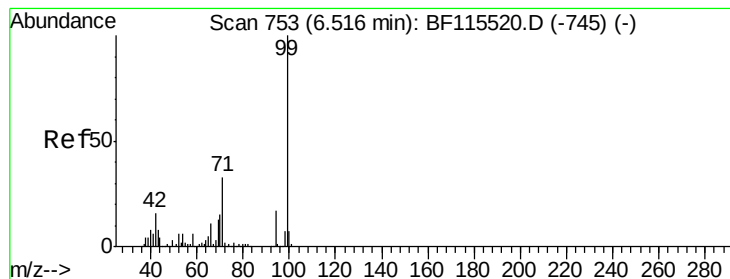
#5
 2-Fluorophenol
 Concen: 106.415 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.02 min
 Lab File: BF115533.D
 Acq: 12 Jul 2019 18:24

Tgt Ion:112 Resp: 987926
 Ion Ratio Lower Upper
 112 100
 64 54.7 46.8 70.2
 63 28.0 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: 91.540 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

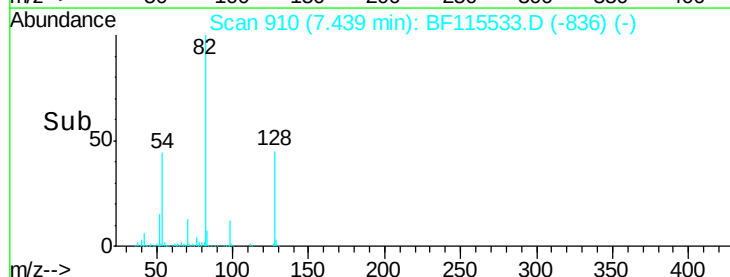
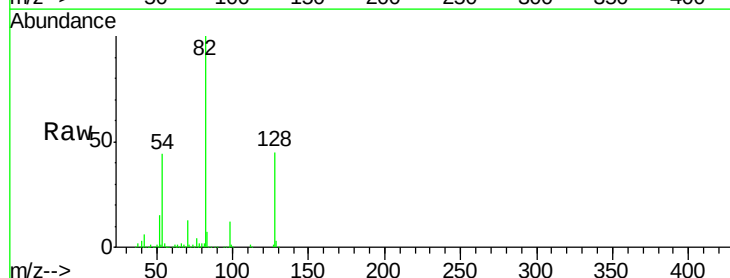
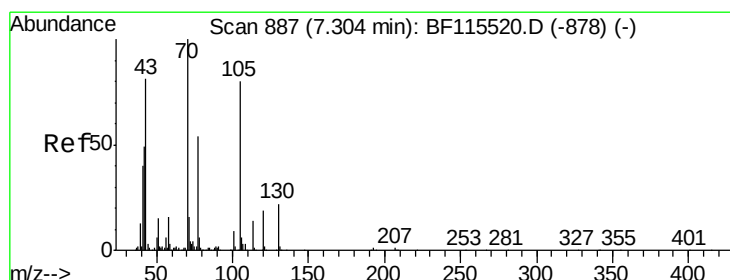
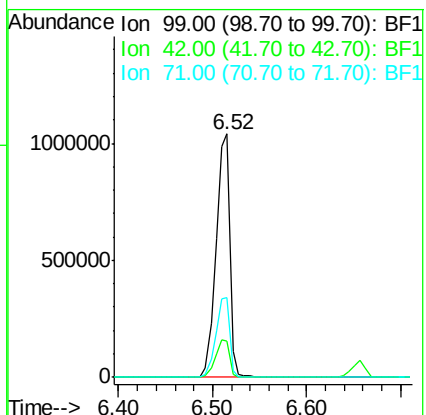
Tot Ion: 99 Resp: 1078337

Ion Ratio Lower Upper

99 100

42 15.0 13.6 20.4

71 32.7 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.830 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

Tgt Ion: 70 Resp: 121618

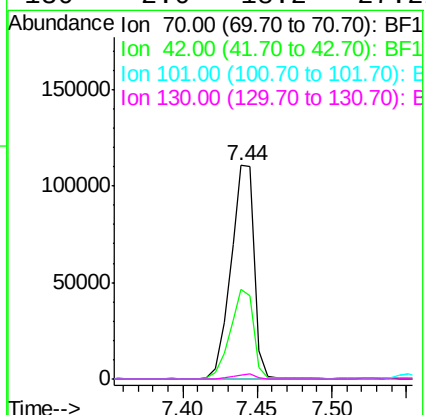
Ion Ratio Lower Upper

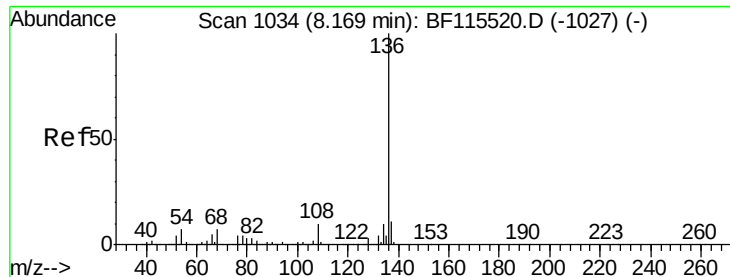
70 100

42 41.9 39.6 59.4

101 0.0 8.1 12.1#

130 2.0 18.2 27.2#

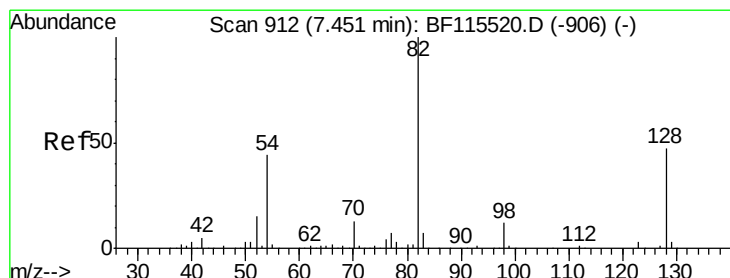
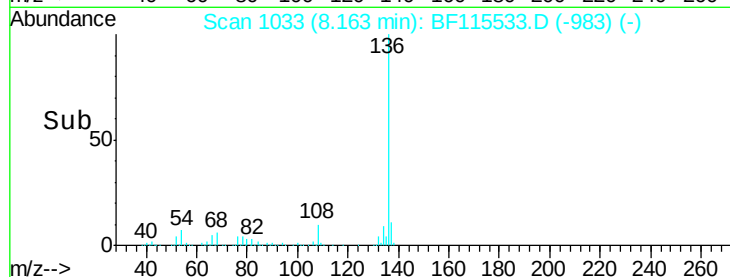
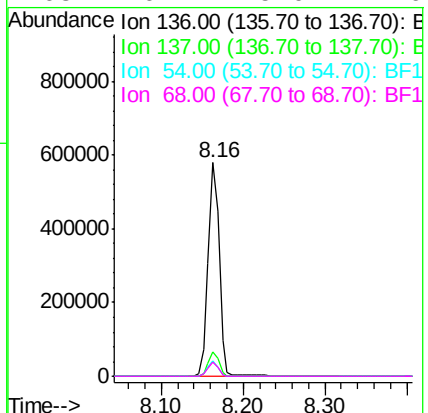
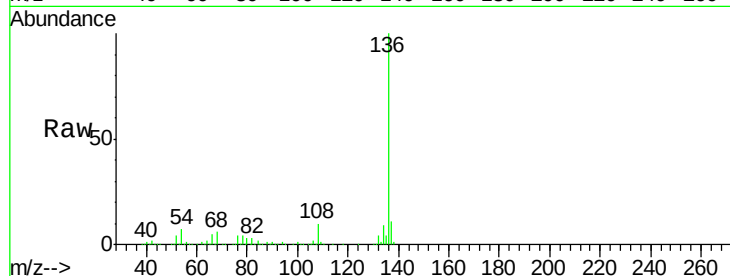




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115533.D
Acq: 12 Jul 2019 18:24

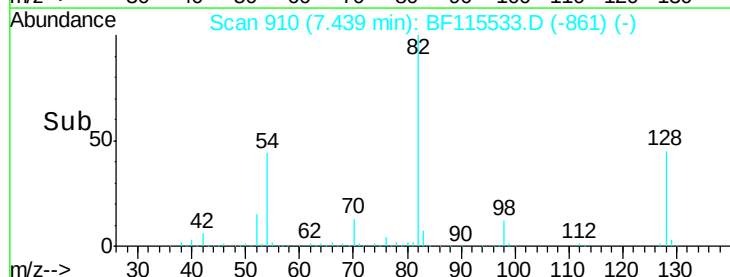
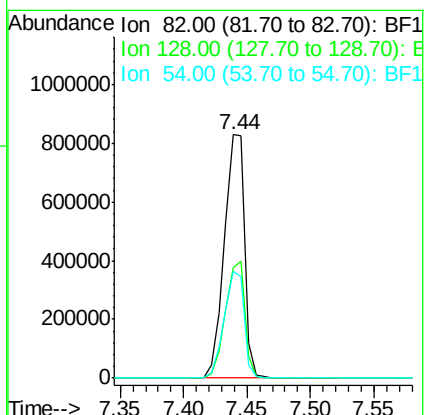
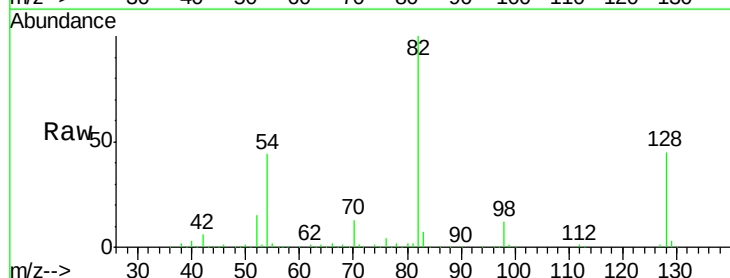
Instrument :
BNA_F
ClientSampleId :

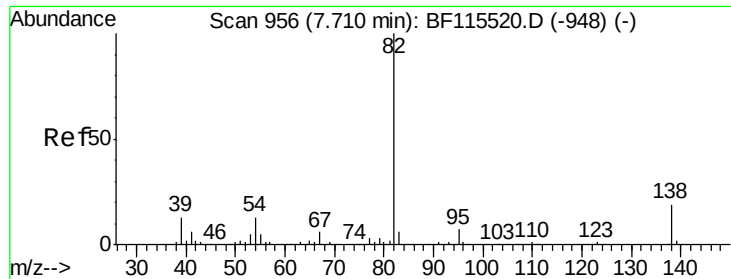
Tot Ion:	136	Resp:	548826
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.1	5.6	8.4
68	6.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 97.333 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115533.D
Acq: 12 Jul 2019 18:24

Tgt Ion:	82	Resp:	918692
Ion	Ratio	Lower	Upper
82	100		
128	45.5	38.6	57.8
54	43.8	35.6	53.4





#25

Isophorone

Concen: 48.284 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

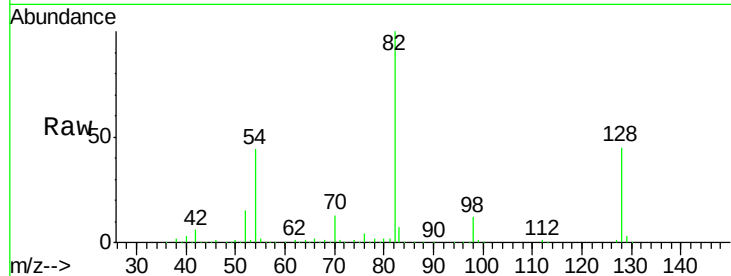
Tot Ion: 82 Resp: 911936

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

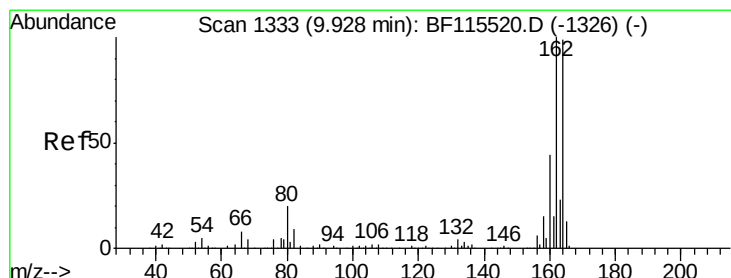
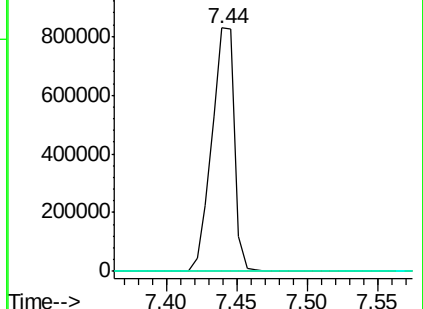
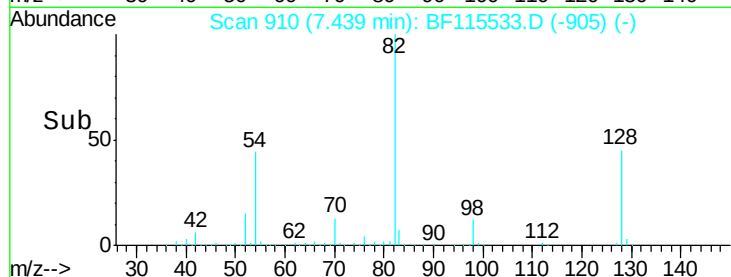
138 0.0 14.9 22.3#



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: BF115533.D

Acq: 12 Jul 2019 18:24

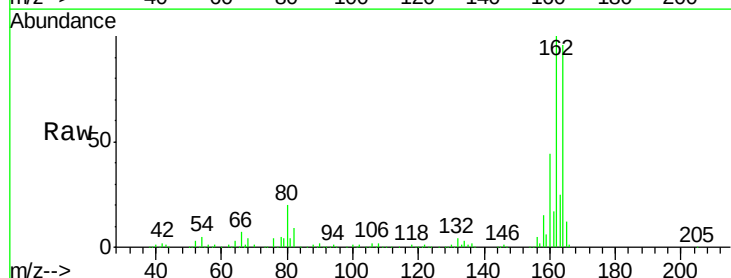
Tgt Ion:164 Resp: 231135

Ion Ratio Lower Upper

164 100

162 104.1 82.9 124.3

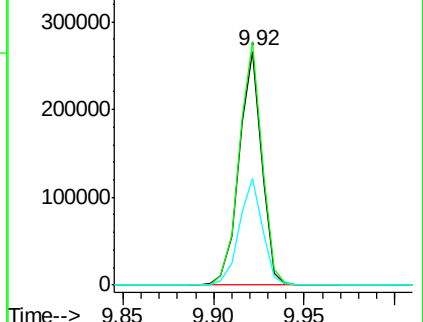
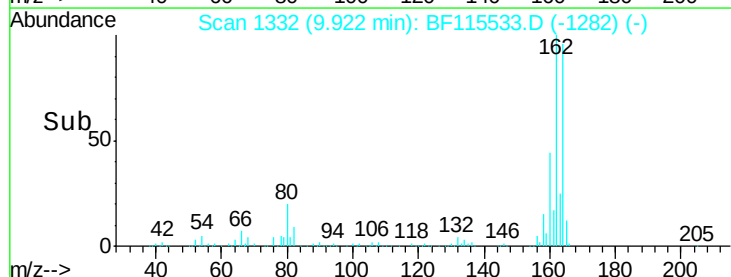
160 45.4 36.8 55.2

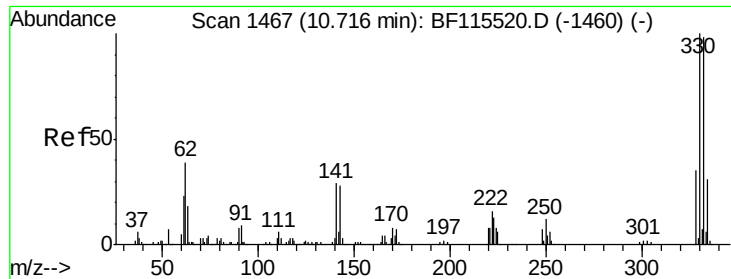


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

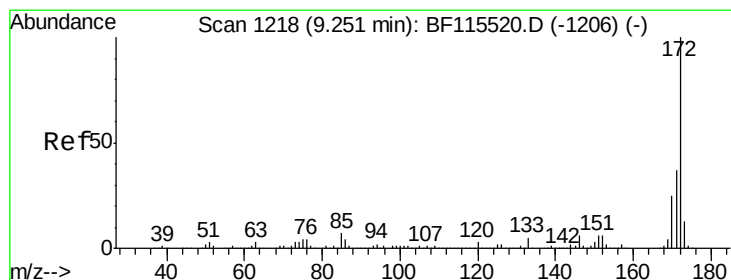
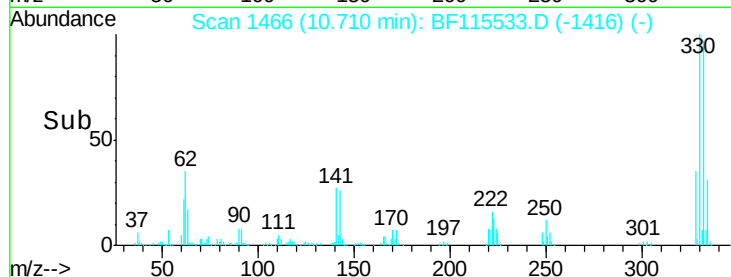
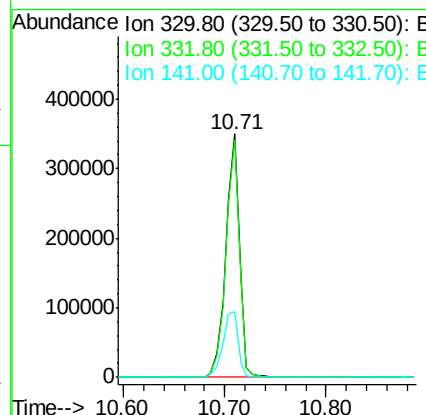
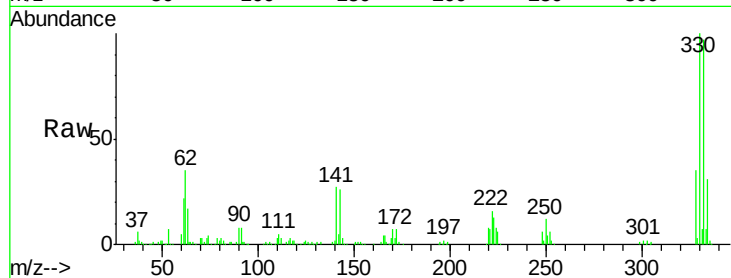




#42
 2,4,6-Tribromophenol
 Concen: 120.280 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115533.D
 Acq: 12 Jul 2019 18:24

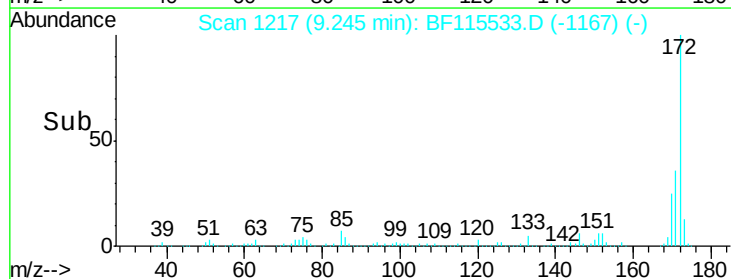
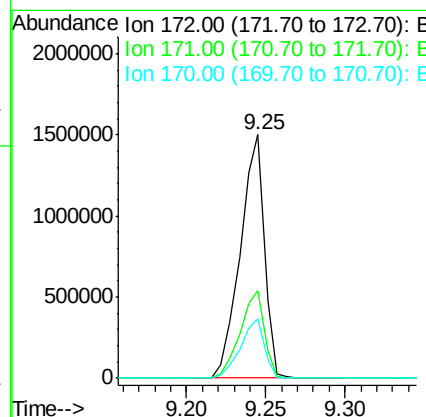
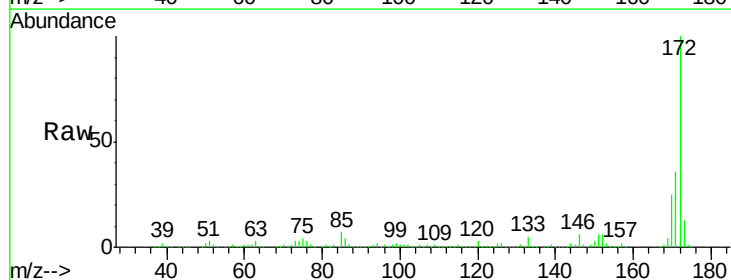
Instrument :
 BNA_F
 ClientSampleId :

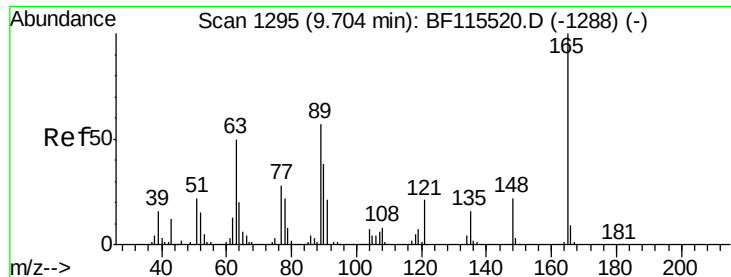
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	30.5	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 119.671 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115533.D
 Acq: 12 Jul 2019 18:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	46.0
170	24.6	20.5	30.7





#51

2,6-Dinitrotoluene

Concen: 7.580 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

Instrument :
BNA_F
ClientSampleId :

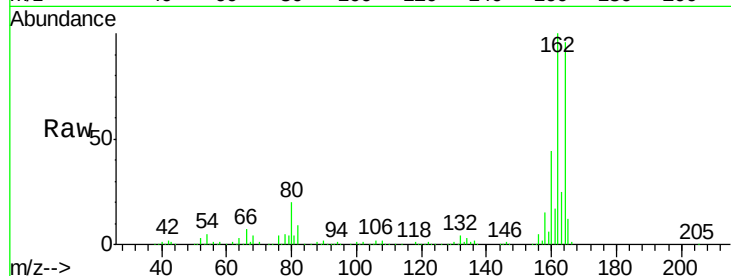
Tot Ion:165 Resp: 29956

Ion Ratio Lower Upper

165 100

63 1.2 40.6 61.0#

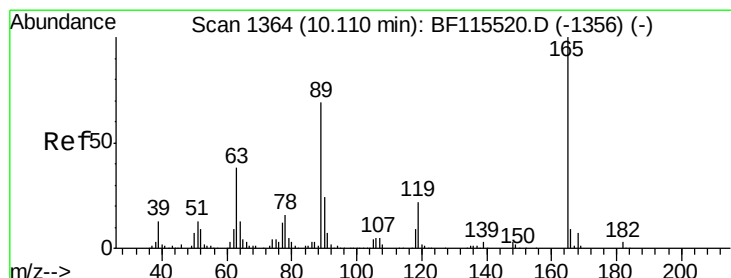
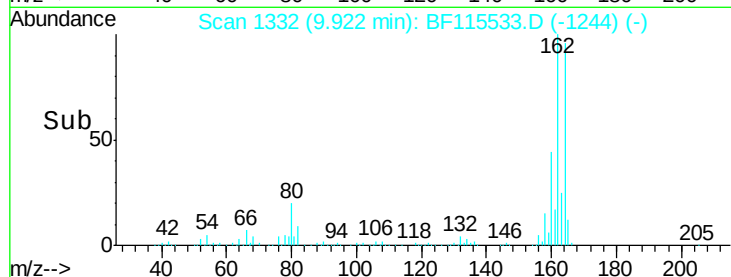
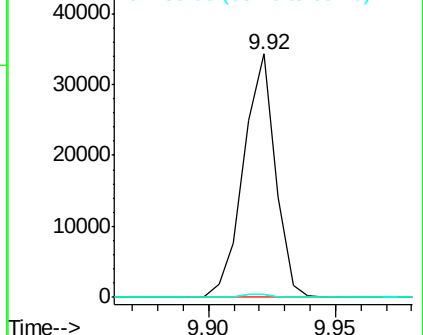
89 1.4 43.9 65.9#



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: 5.851 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

Tgt Ion:165 Resp: 29956

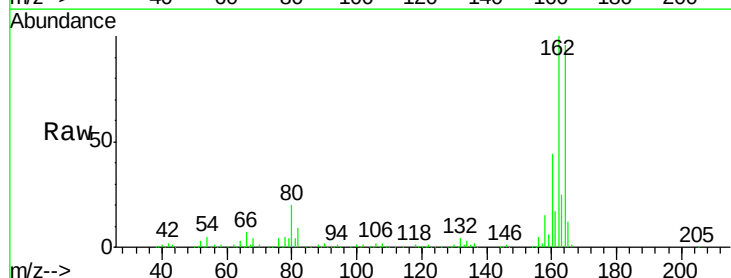
Ion Ratio Lower Upper

165 100

63 1.2 34.9 52.3#

89 1.4 57.5 86.3#

182 0.0 2.2 3.4#

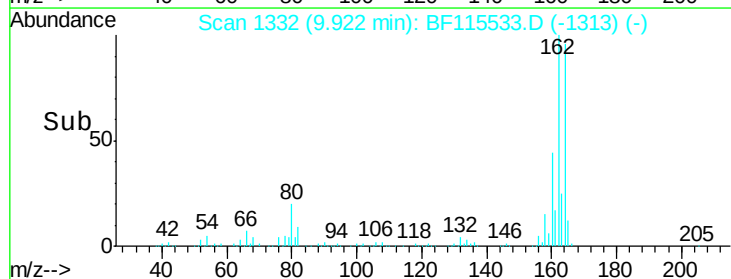
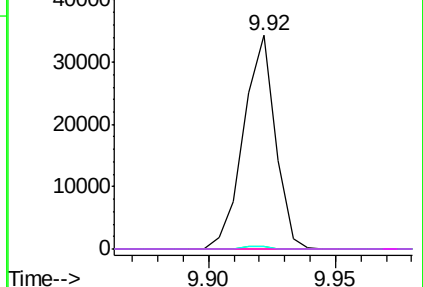


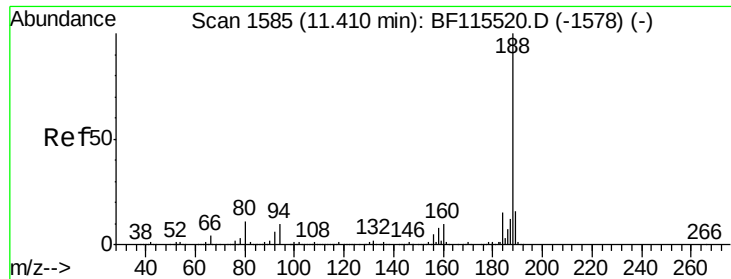
Abundance Ion 165.00 (164.70 to 165.70): E

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

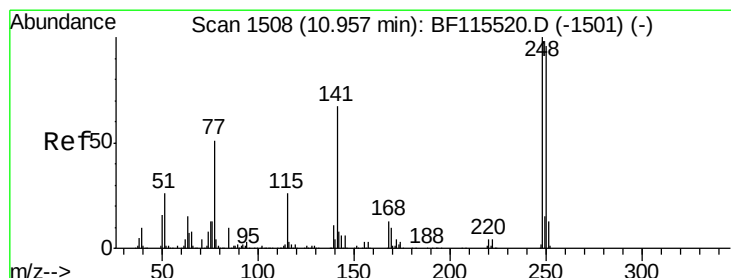
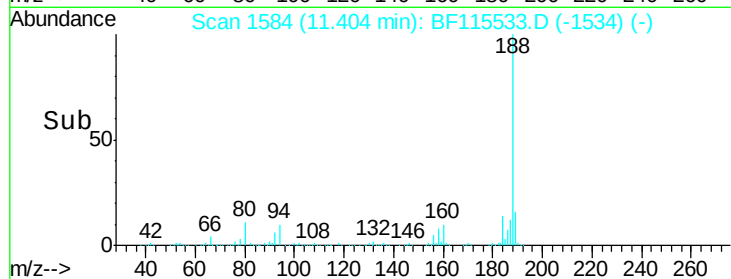
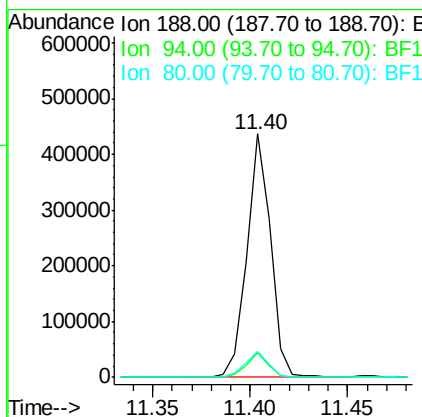
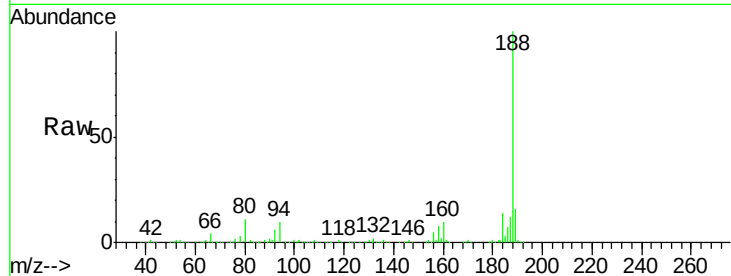




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115533.D
Acq: 12 Jul 2019 18:24

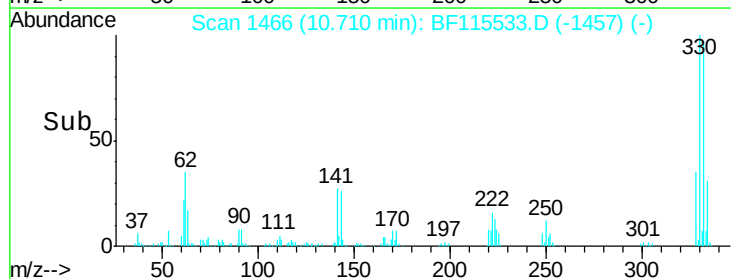
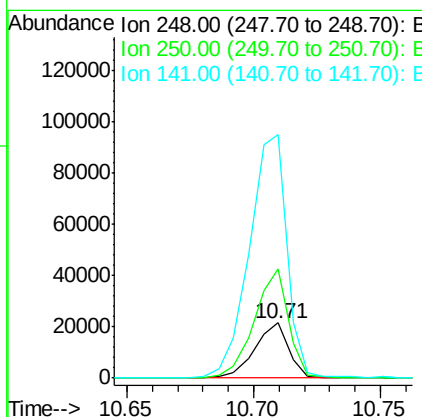
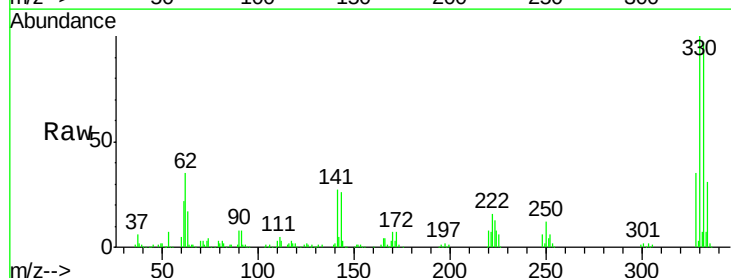
Instrument :
BNA_F
ClientSampled :

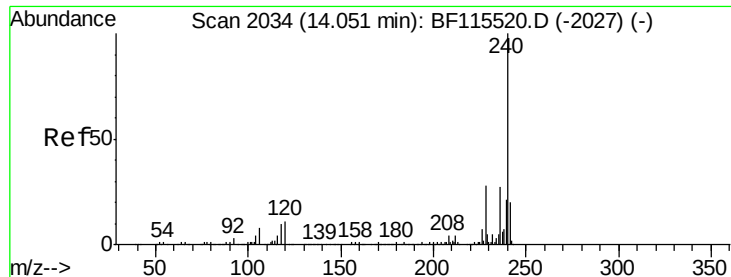
Tot Ion:188 Resp: 367600
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.6 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 4.806 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115533.D
Acq: 12 Jul 2019 18:24

Tgt Ion:248 Resp: 20187
Ion Ratio Lower Upper
248 100
250 198.1 78.0 117.0#
141 442.9 57.7 86.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

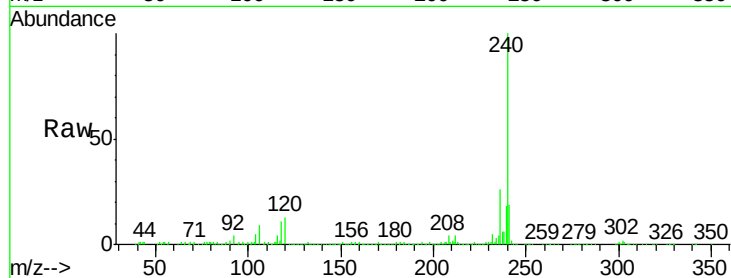
Tot Ion:240 Resp: 313227

Ion Ratio Lower Upper

240 100

120 12.6 8.6 13.0

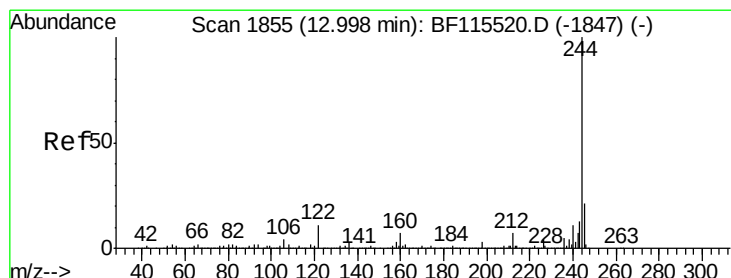
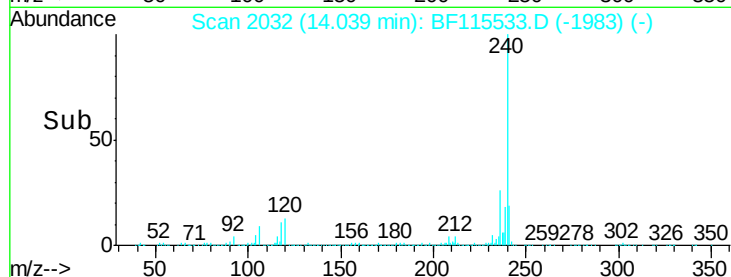
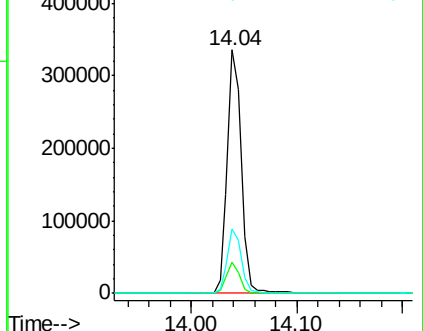
236 26.3 21.3 31.9



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: 80.903 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

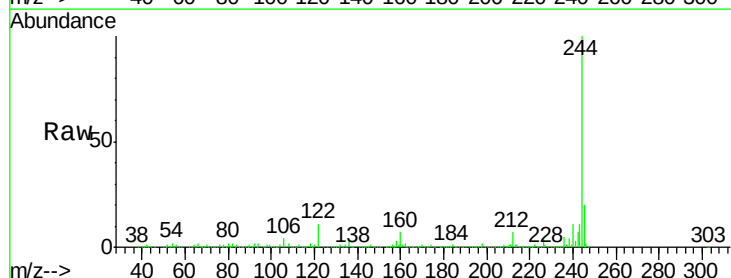
Tgt Ion:244 Resp: 1373368

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

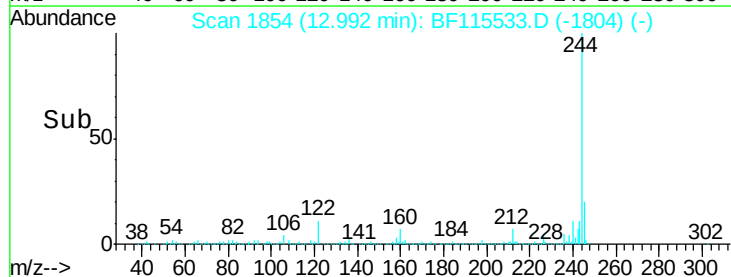
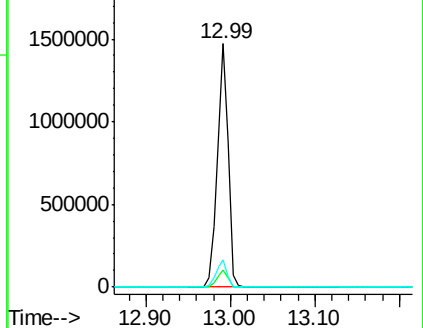
122 11.5 8.6 12.8

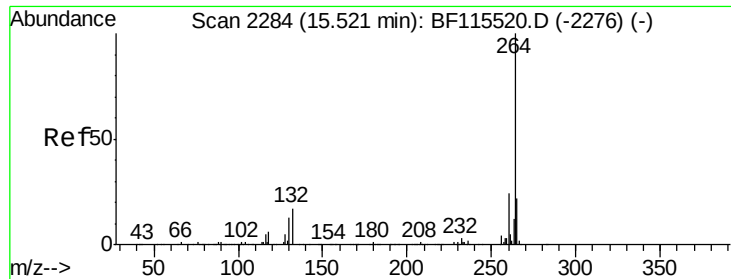


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

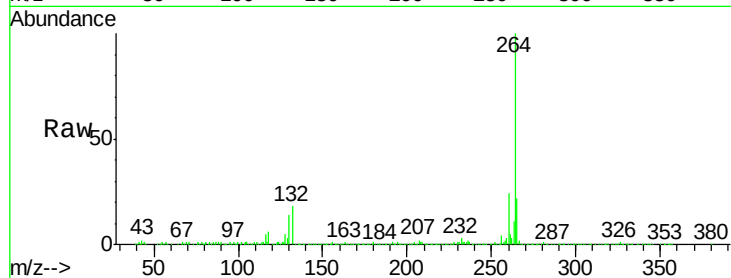




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115533.D
 Acq: 12 Jul 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.8
265	21.8	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

