

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115062.D
 Acq On : 15 Jun 2019 1:15
 Operator : HP/JU
 Sample : K3346-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:56:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

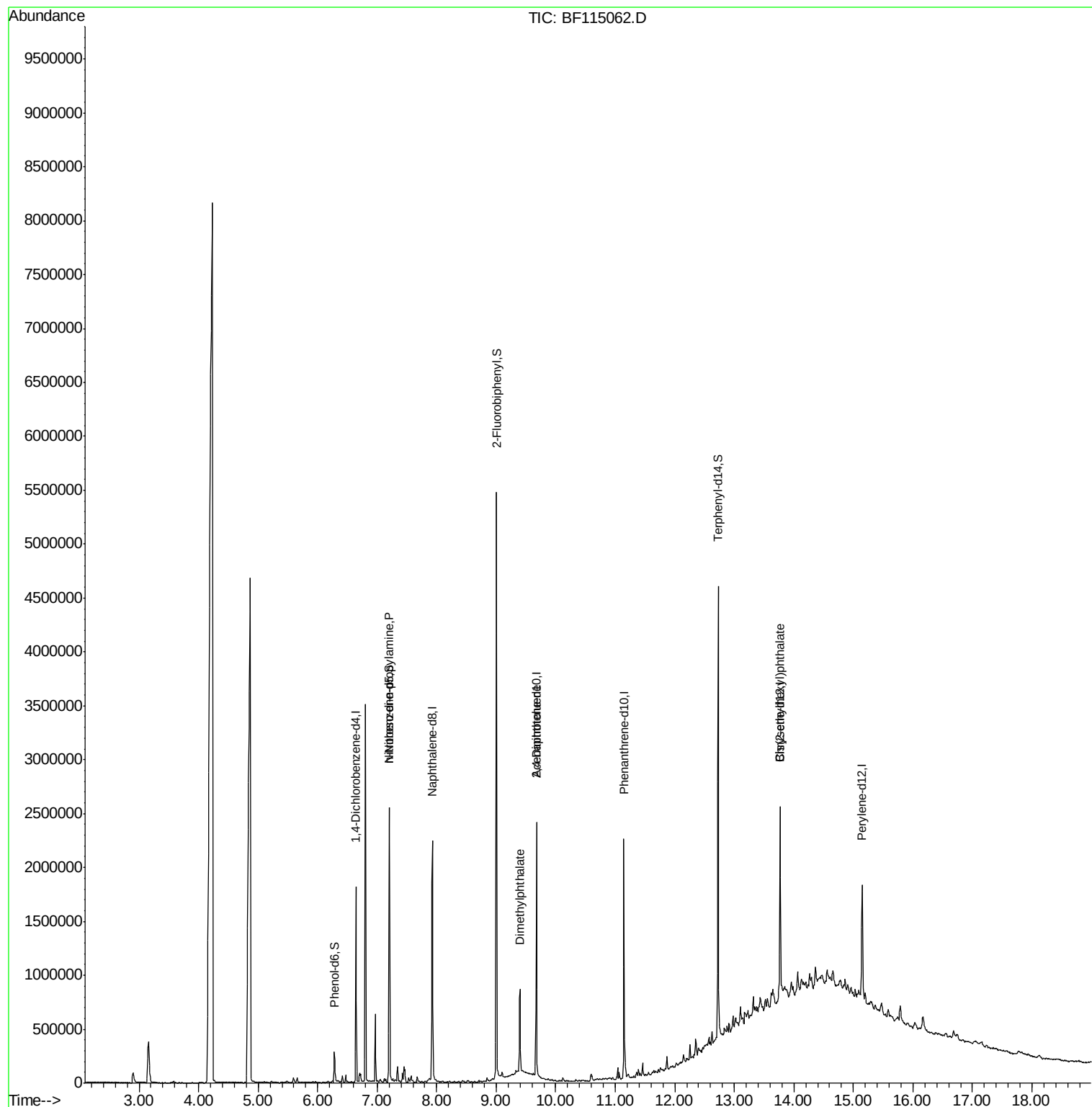
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	271485	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1036454	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	476108	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	812021	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	506211	20.00	ng	-0.01
87) Perylene-d12	15.14	264	512814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	3864	0.24	ng	0.00
7) Phenol-d6	6.28	99	120216	6.13	ng	-0.02
23) Nitrobenzene-d5	7.20	82	887804	51.56	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.00	172	1675455	59.64	ng	0.00
79) Terphenyl-d14	12.73	244	1399621	52.00	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.17	77	899	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.20	70	117932	9.897 ng	#	77
50) Dimethylphthalate	9.40	163	343323	9.589 ng		98
57) 2,4-Dinitrotoluene	9.67	165	60617	5.864 ng	#	29
58) Fluorene	10.22	166	3073	Below Cal	#	83
84) Bis(2-ethylhexyl)phthalate	13.77	149	60223	2.366 ng		98

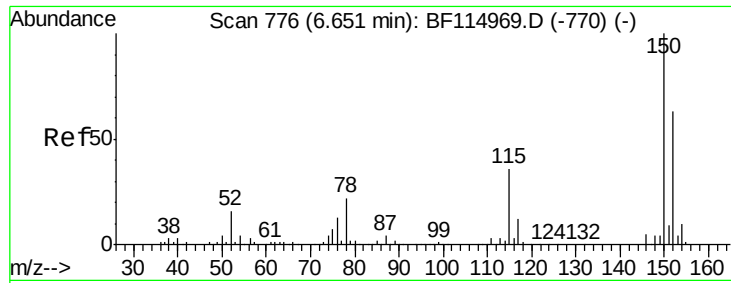
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 04:56:52 2019
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Response via : Initial Calibration

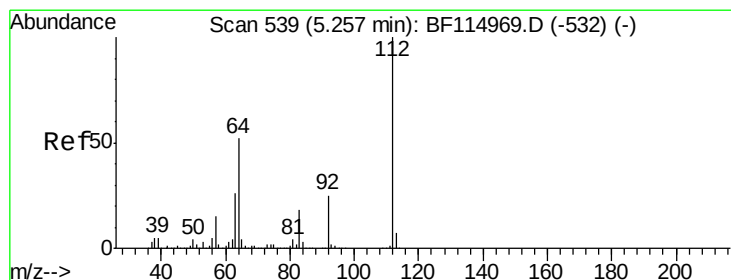
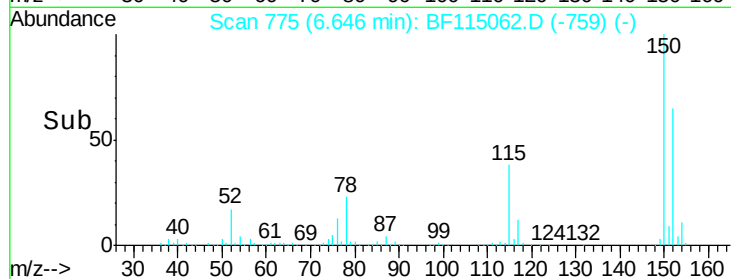
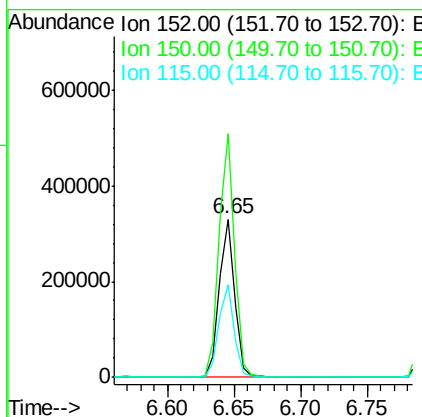
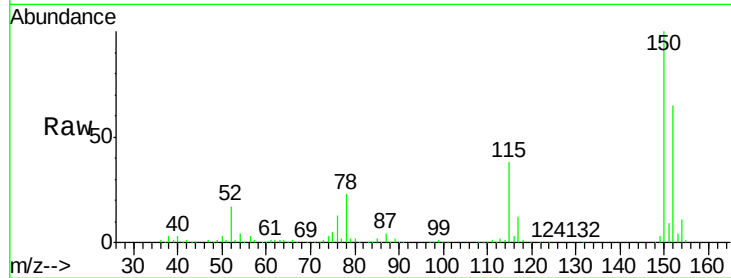




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115062.D
 Acq: 15 Jun 2019 1:15

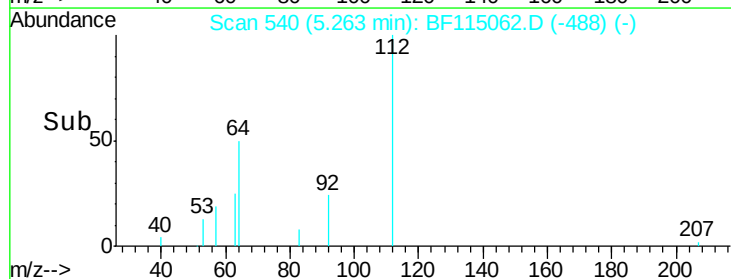
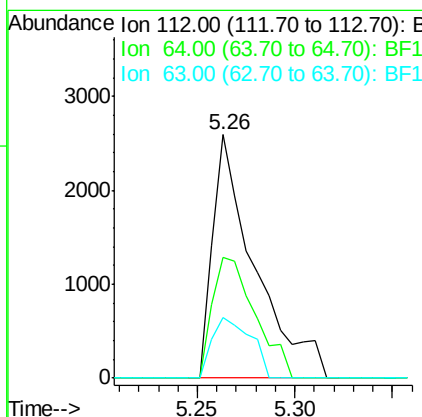
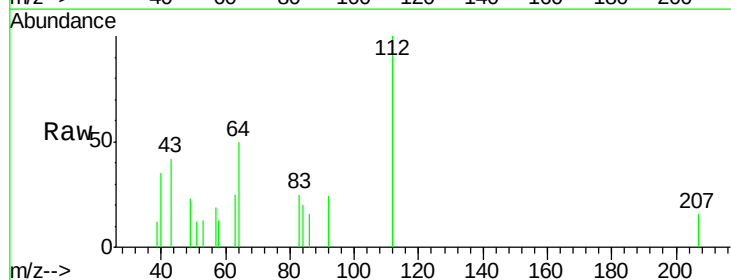
Instrument :
 BNA_F
 ClientSampleId :

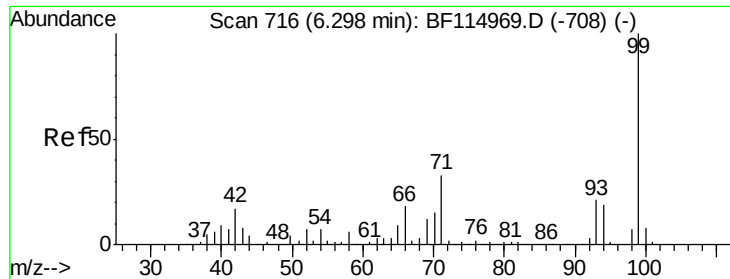
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.4	191.0
115	58.2	46.0	69.0



#5
 2-Fluorophenol
 Concen: 0.238 ng
 RT: 5.26 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: BF115062.D
 Acq: 15 Jun 2019 1:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	41.6	62.4
63	25.0	20.9	31.3





#7

Phenol-d6

Concen: 6.130 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115062.D

Acq: 15 Jun 2019 1:15

Instrument :

BNA_F

ClientSampled :

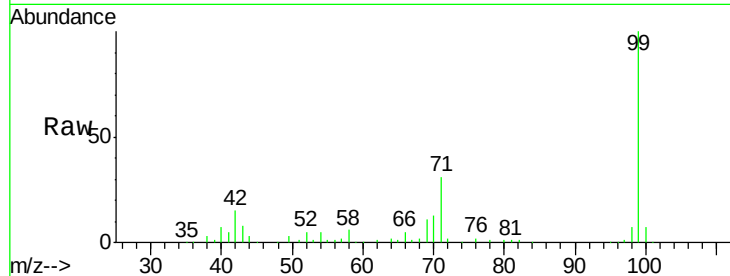
Tot Ion: 99 Resp: 120216

Ion Ratio Lower Upper

99 100

42 15.2 13.4 20.2

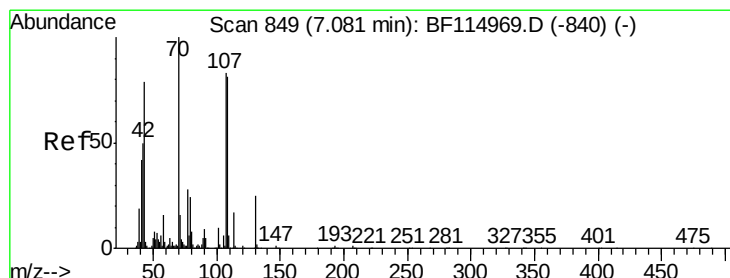
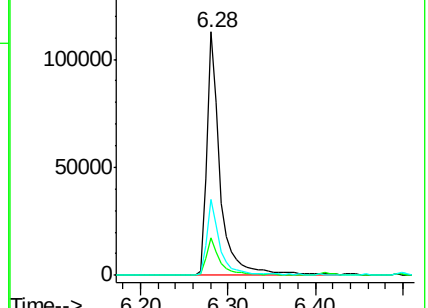
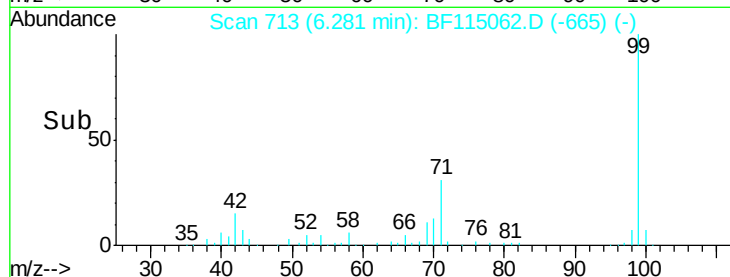
71 31.0 26.4 39.6



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: 9.897 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.12 min

Lab File: BF115062.D

Acq: 15 Jun 2019 1:15

Tgt Ion: 70 Resp: 117932

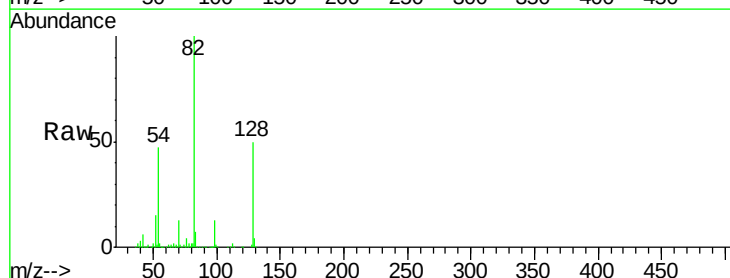
Ion Ratio Lower Upper

70 100

42 43.0 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#

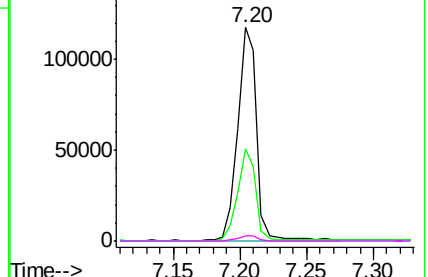
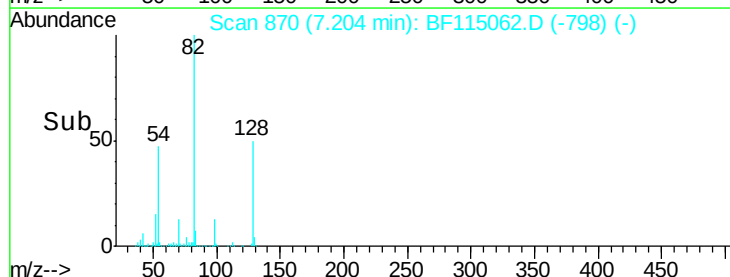


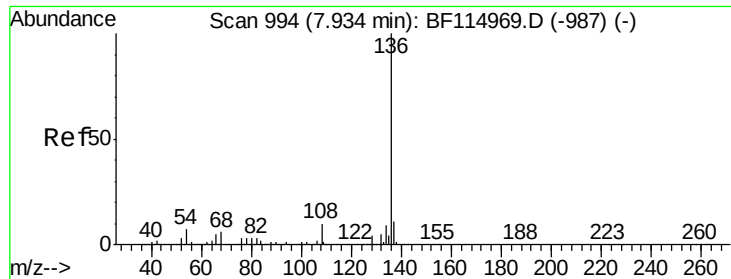
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

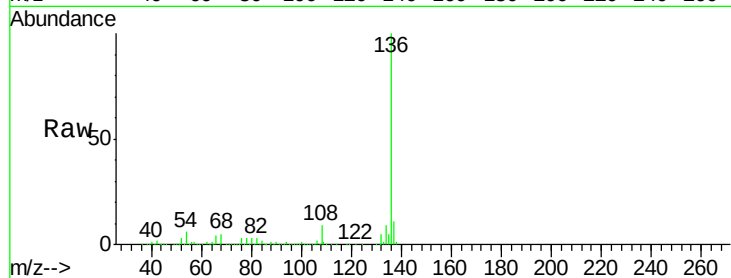




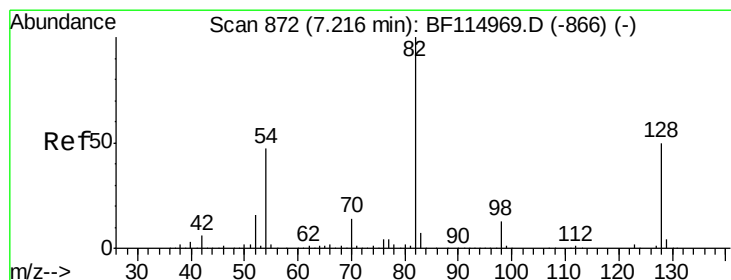
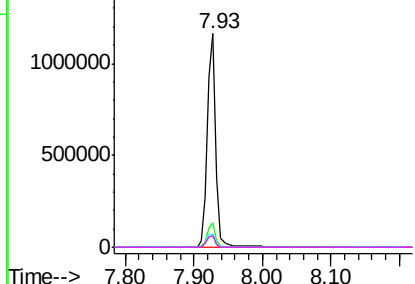
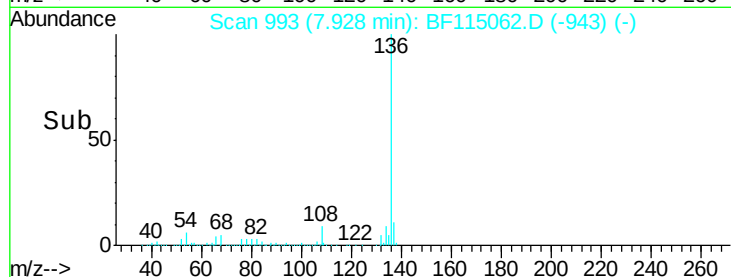
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115062.D
Acq: 15 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1036454
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 6.0	5.4 8.0
68 5.4	4.6 7.0

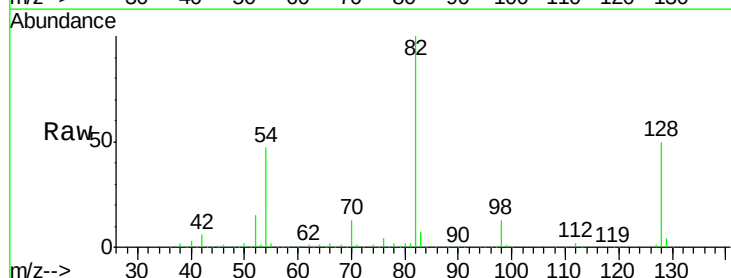


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

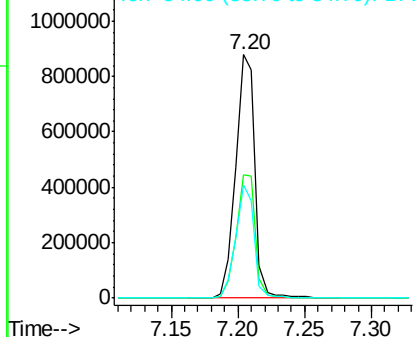
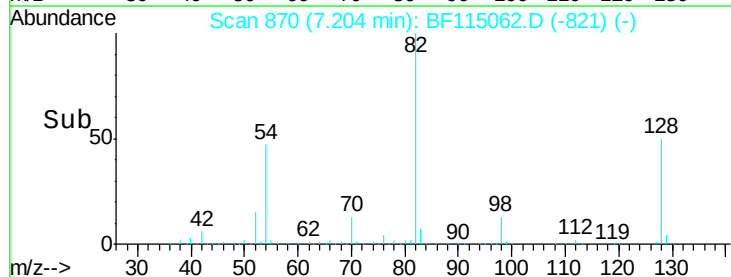


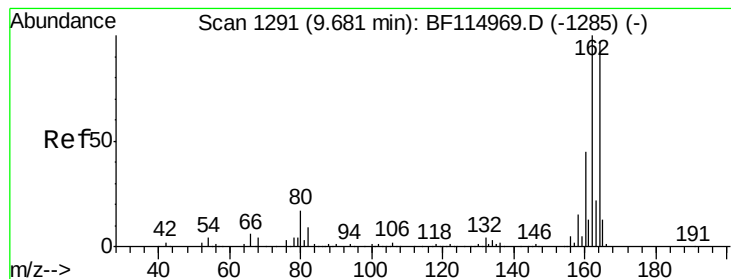
#23
Nitrobenzene-d5
Concen: 51.559 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF115062.D
Acq: 15 Jun 2019 1:15

Tgt Ion: 82	Resp: 887804
Ion Ratio	Lower Upper
82 100	
128 50.4	39.9 59.9
54 46.6	37.3 55.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115062.D

Acq: 15 Jun 2019 1:15

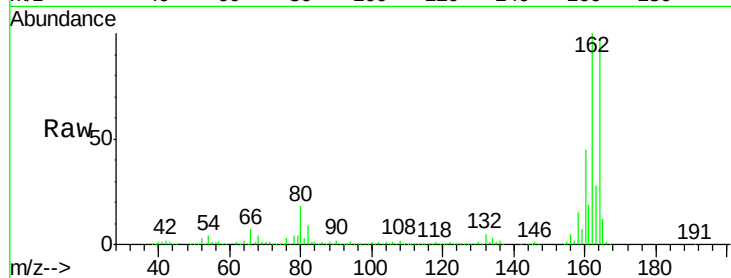
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 476108

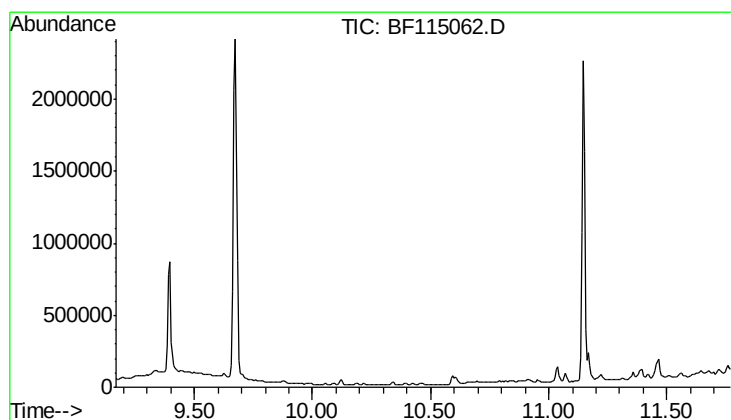
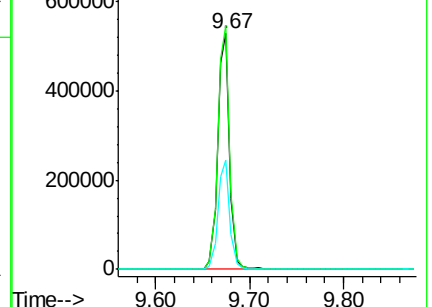
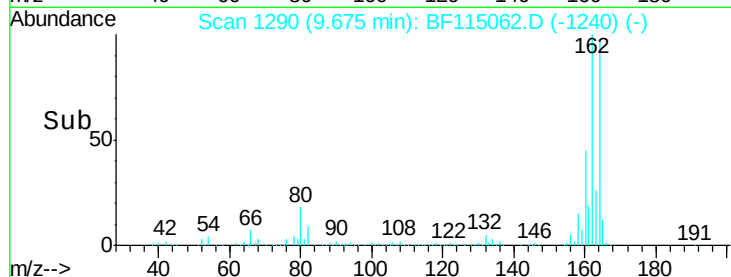
Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	124.0
160	46.1	36.9	55.3



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: 0.000 ng

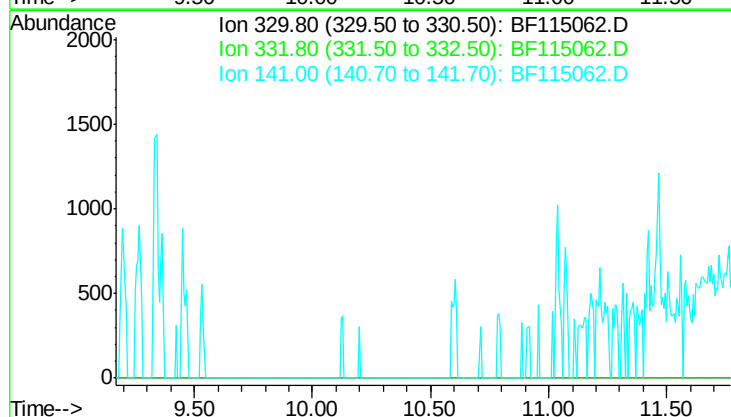
Expected RT: 10.47 min

Lab File: BF115062.D

Acq: 15 Jun 2019 1:15

Tgt Ion: 330

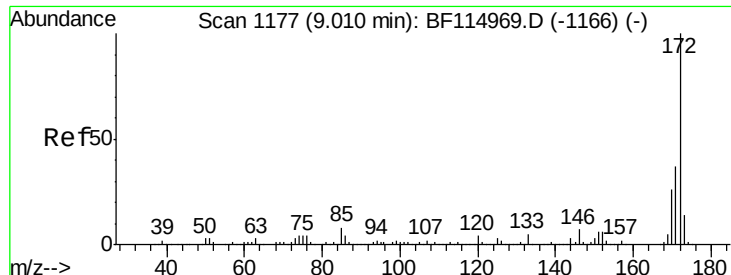
Sig	Exp Ratio
330	100
332	97.0
141	34.0



Ion 331.80 (331.50 to 332.50): BF115062.D

Ion 141.00 (140.70 to 141.70): BF115062.D

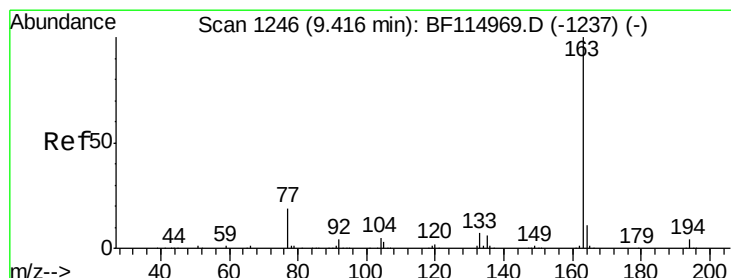
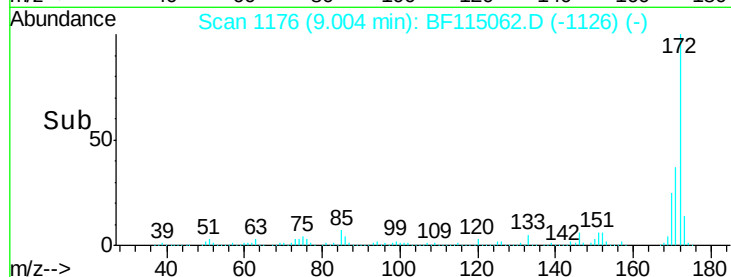
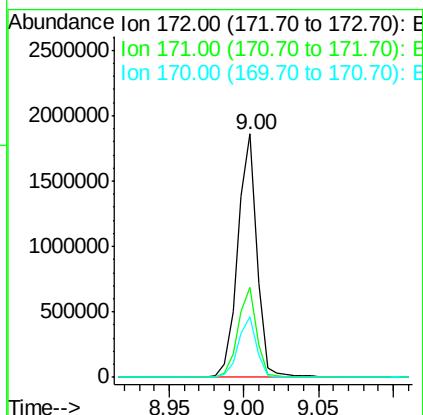
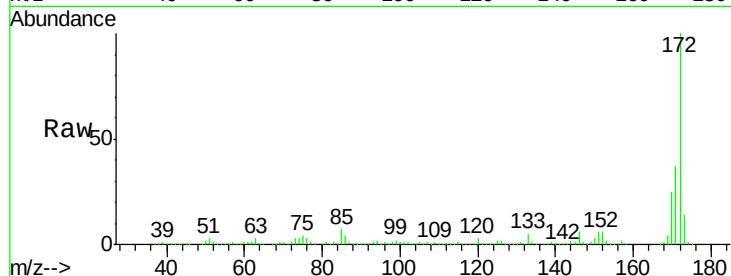
Time-->



#45
2-Fluorobiphenyl
Concen: 59.642 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115062.D
Acq: 15 Jun 2019 1:15

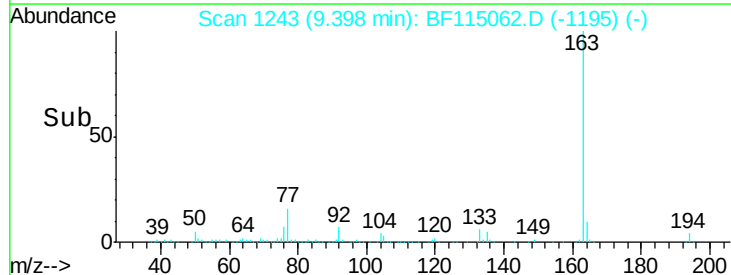
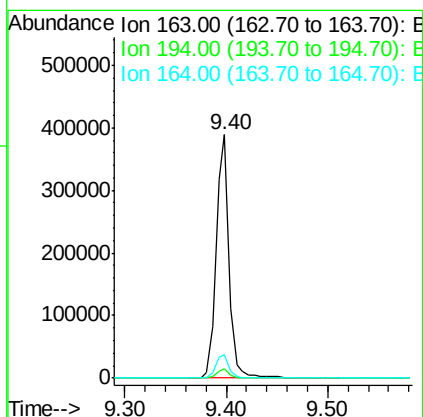
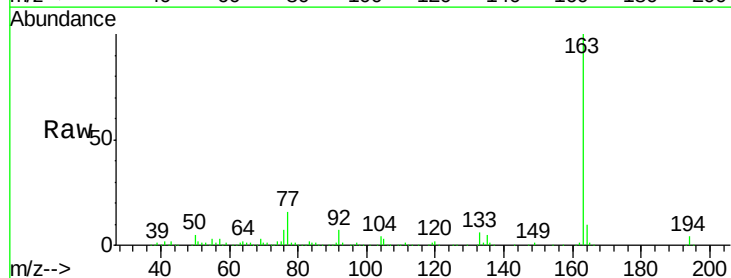
Instrument :
BNA_F
ClientSampleId :

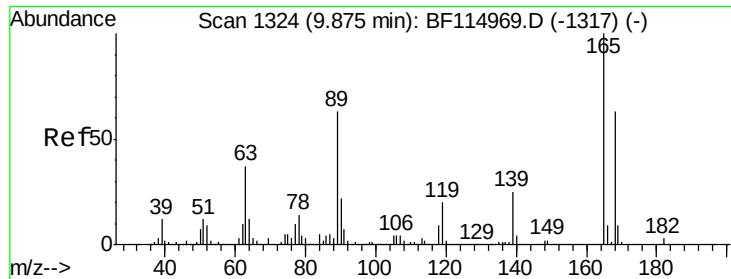
Tot Ion:172 Resp: 1675455
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 25.0 20.6 31.0



#50
Dimethylphthalate
Concen: 9.589 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115062.D
Acq: 15 Jun 2019 1:15

Tgt Ion:163 Resp: 343323
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 8.6 12.8

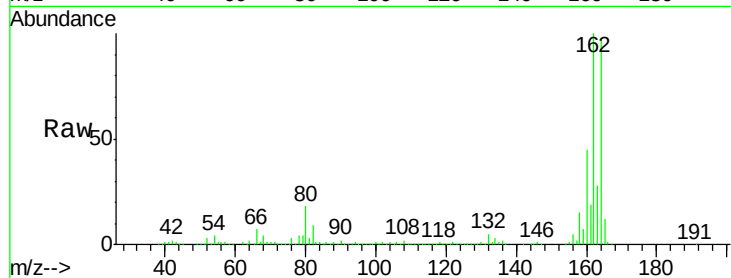




#57
2,4-Dinitrotoluene
Concen: 5.864 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115062.D
Acq: 15 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	29.4	44.2#
89	1.3	50.6	75.8#
182	0.0	2.2	3.2#

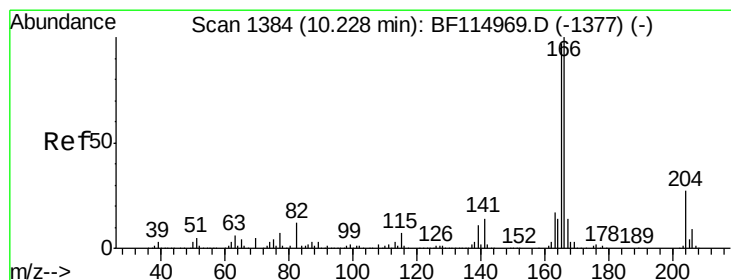
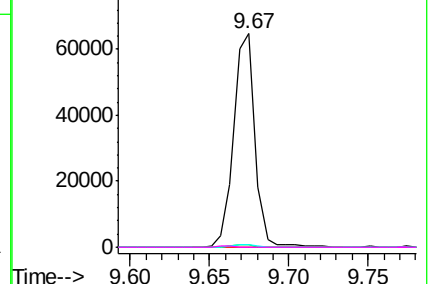
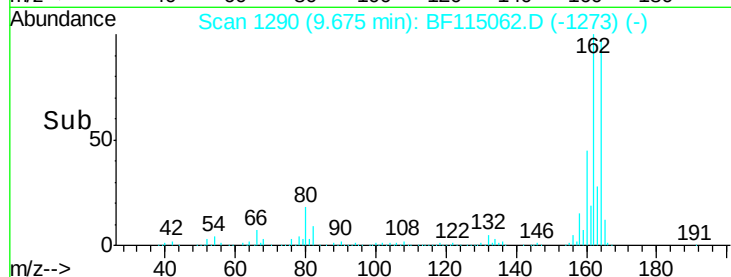


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

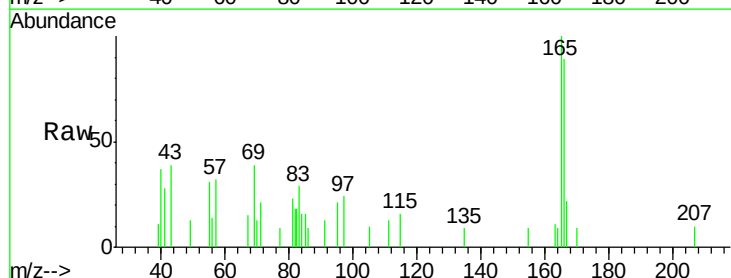
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: Below Cal
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115062.D
Acq: 15 Jun 2019 1:15

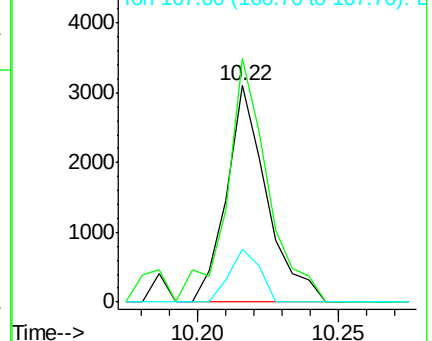
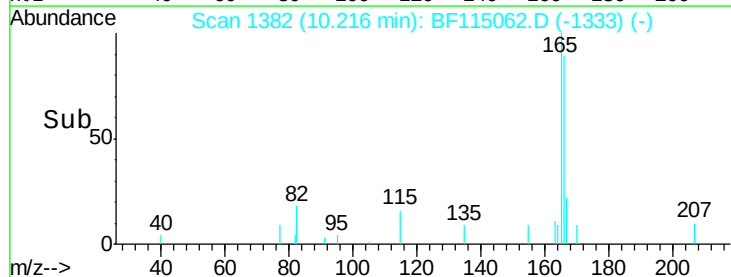
Tgt Ion	Ratio	Lower	Upper
166	100		
165	112.5	77.6	116.4
167	24.2	11.0	16.4#

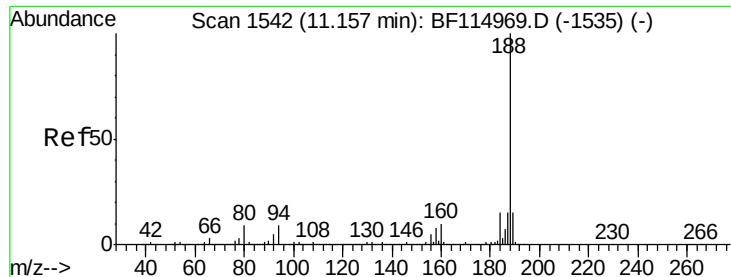


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

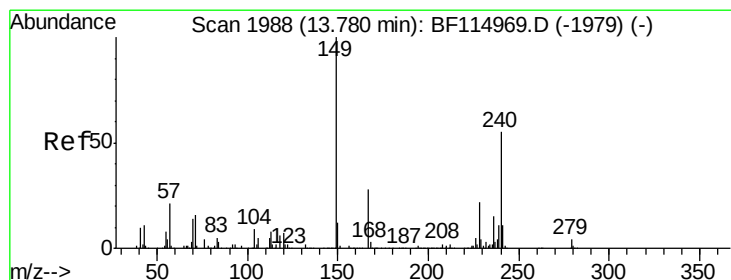
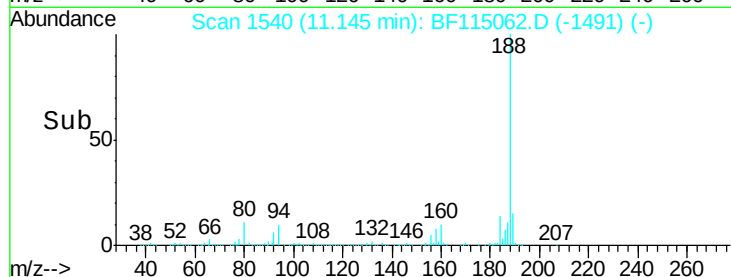
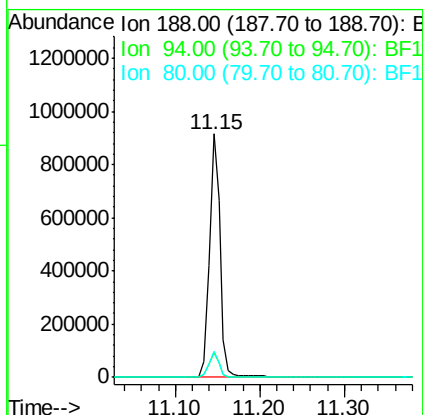
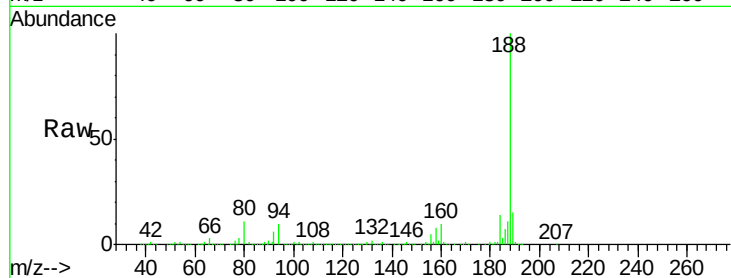




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115062.D
Acq: 15 Jun 2019 1:15

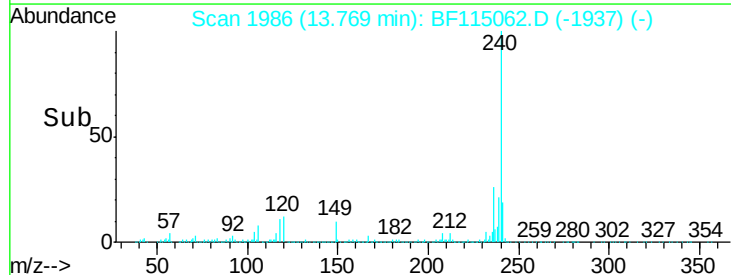
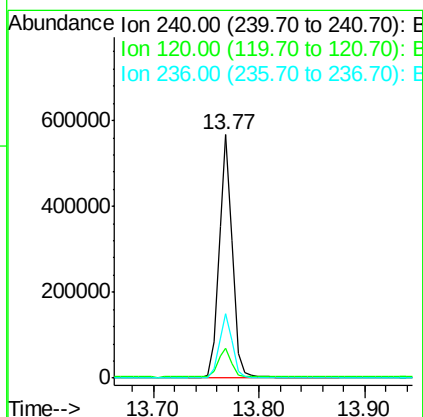
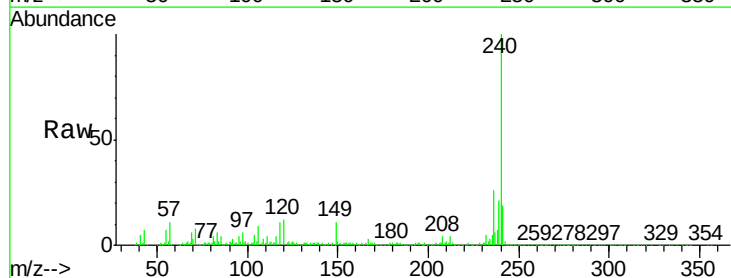
Instrument :
BNA_F
ClientSampleId :

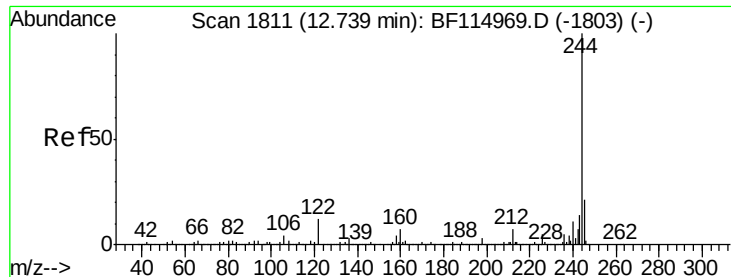
Tot Ion:188 Resp: 812021
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 10.8 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115062.D
Acq: 15 Jun 2019 1:15

Tgt Ion:240 Resp: 506211
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 26.5 21.6 32.4





#79

Terphenyl-d14

Concen: 52.004 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115062.D

Acq: 15 Jun 2019 1:15

Instrument :

BNA_F

ClientSampleId :

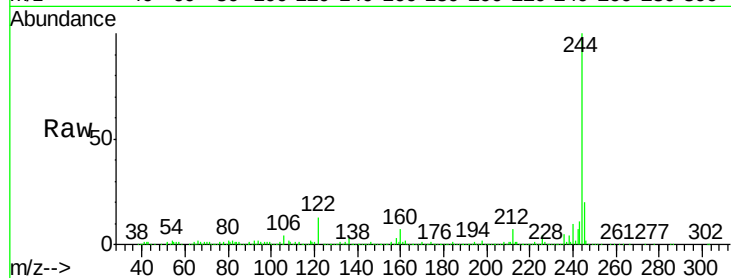
Tot Ion:244 Resp: 1399621

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

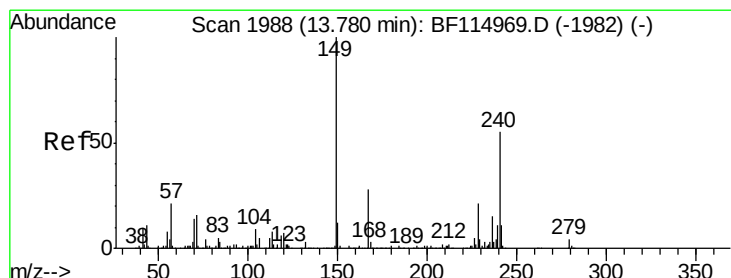
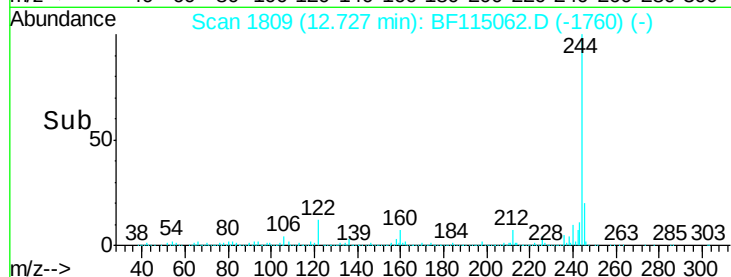
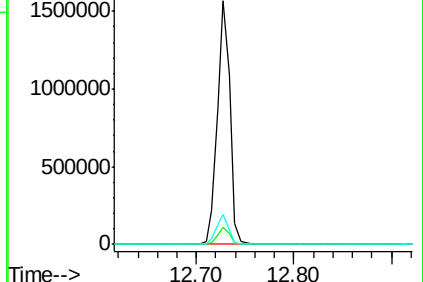
122 12.5 9.4 14.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.366 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115062.D

Acq: 15 Jun 2019 1:15

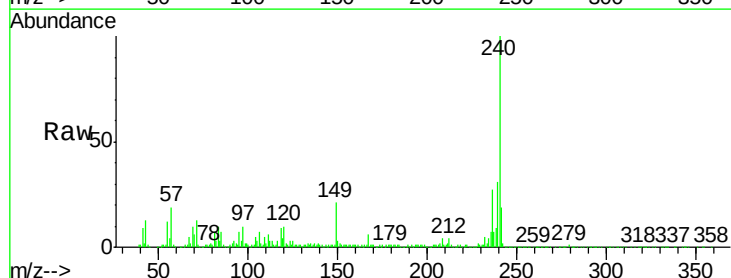
Tgt Ion:149 Resp: 60223

Ion Ratio Lower Upper

149 100

167 29.2 22.2 33.4

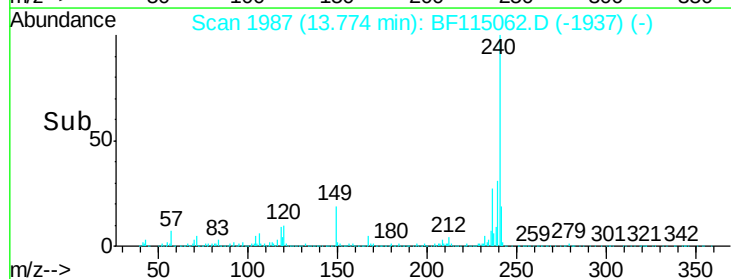
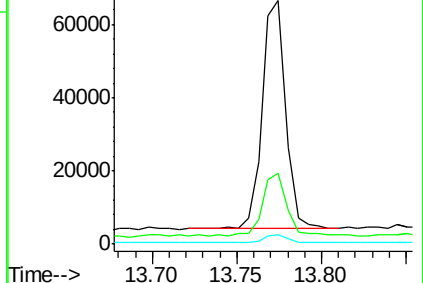
279 4.0 3.4 5.0

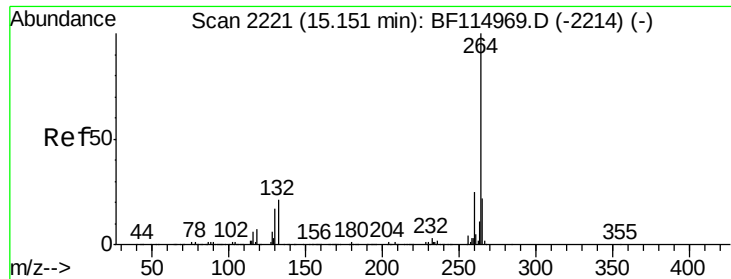


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

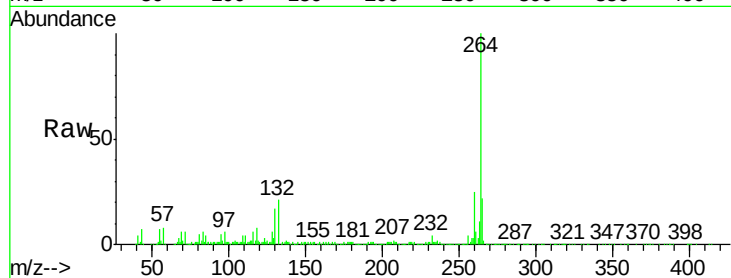




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115062.D
Acq: 15 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	22.0	17.6	26.4



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

