

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115059.D
 Acq On : 14 Jun 2019 23:56
 Operator : HP/JU
 Sample : K3294-03RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:56:11 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

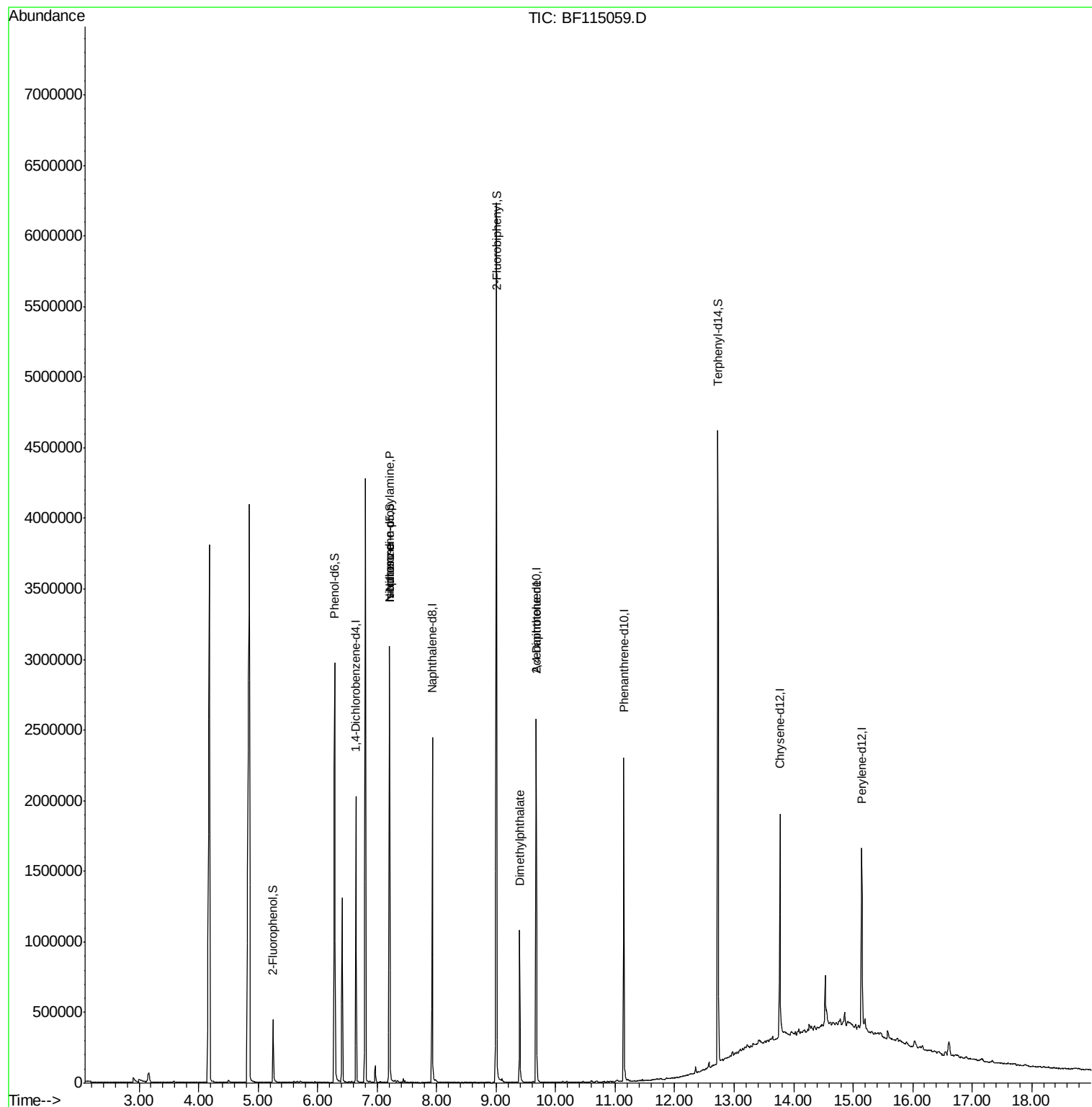
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	296520	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1131575	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	514074	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	862076	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	521603	20.00	ng	-0.01
87) Perylene-d12	15.14	264	541024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	146575	8.25	ng	0.00
7) Phenol-d6	6.29	99	1069373	49.92	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1016857	54.09	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	1313	0.24	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	1943251	64.07	ng	0.00
79) Terphenyl-d14	12.73	244	1561036	56.29	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.29	77	1387	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	133306	10.243	ng	# 75
25) Isophorone	7.21	82	996902	28.313	ng	# 62
50) Dimethylphthalate	9.40	163	466680	12.071	ng	98
57) 2,4-Dinitrotoluene	9.67	165	64872	5.812	ng	# 29
58) Fluorene	10.22	166	861	Below Cal	#	86

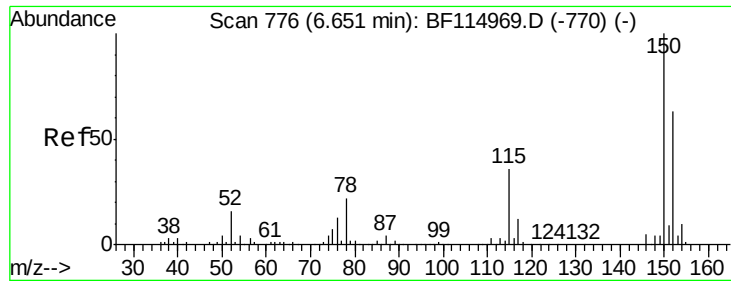
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



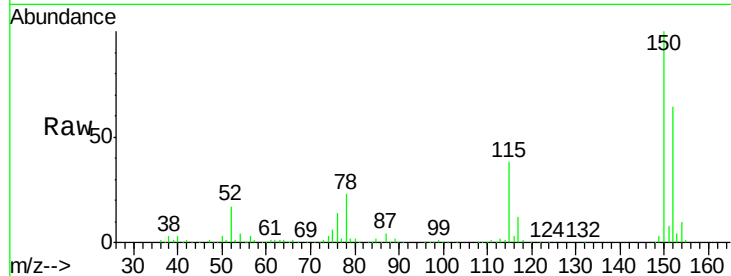


#1

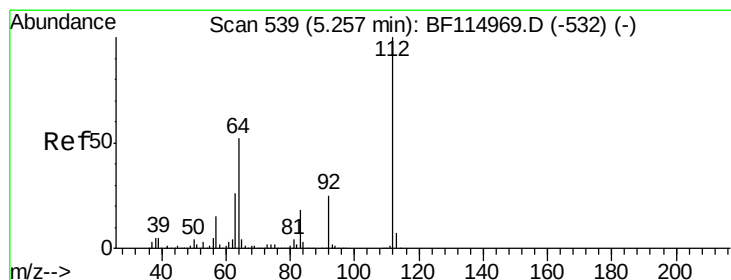
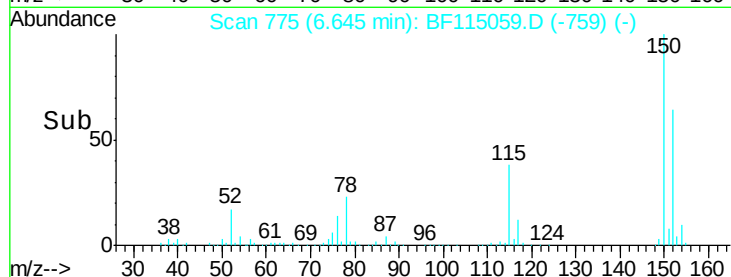
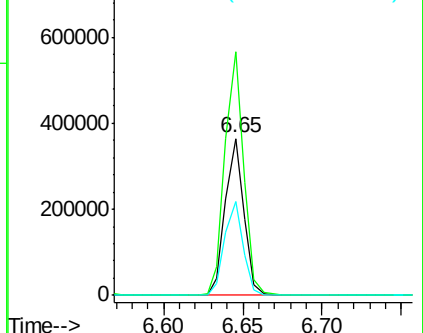
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115059.D
Acq: 14 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 296520
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.0
115 59.7 46.0 69.0



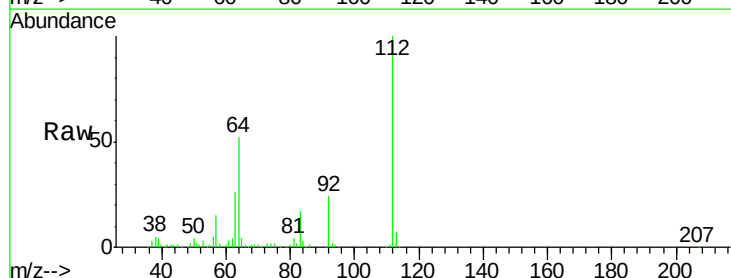
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



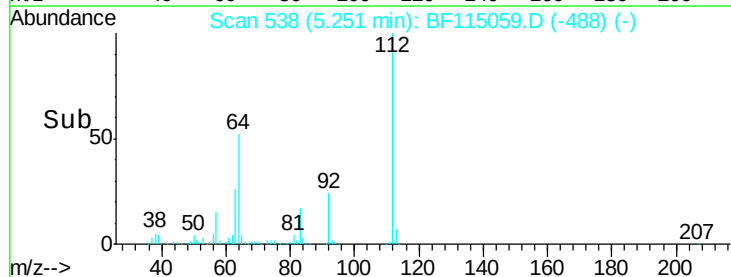
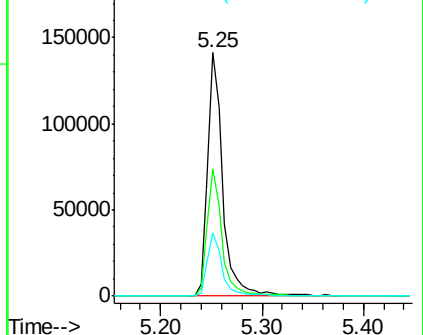
#5

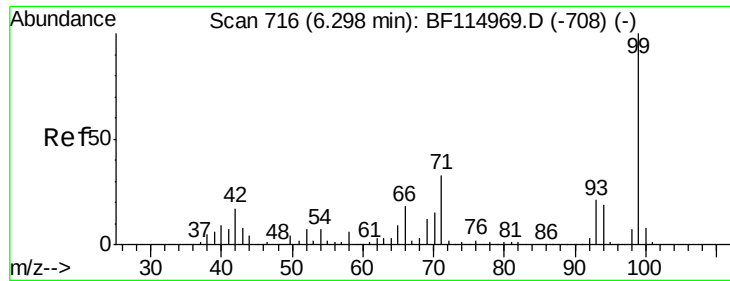
2-Fluorophenol
Concen: 8.254 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115059.D
Acq: 14 Jun 2019 23:56

Tgt Ion:112 Resp: 146575
Ion Ratio Lower Upper
112 100
64 52.3 41.6 62.4
63 25.9 20.9 31.3



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: 49.921 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

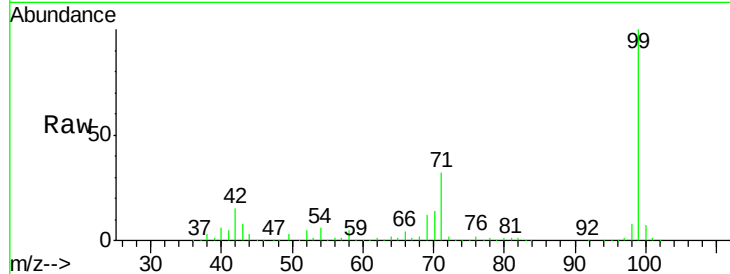
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1069373

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.4	20.2
71	31.9	26.4	39.6

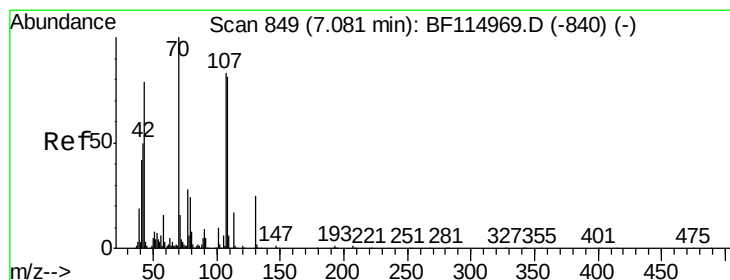
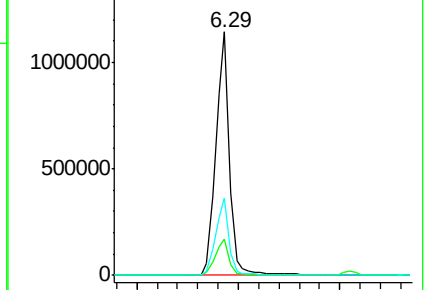
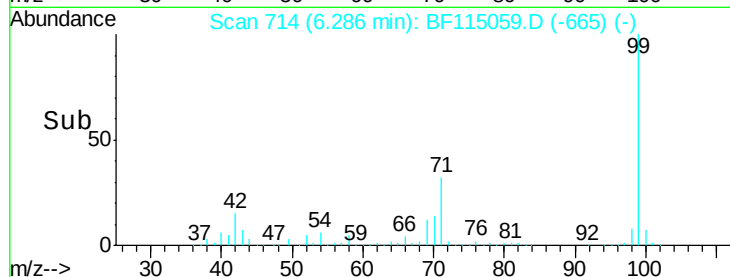


Abundance

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: 10.243 ng

RT: 7.21 min Scan# 871

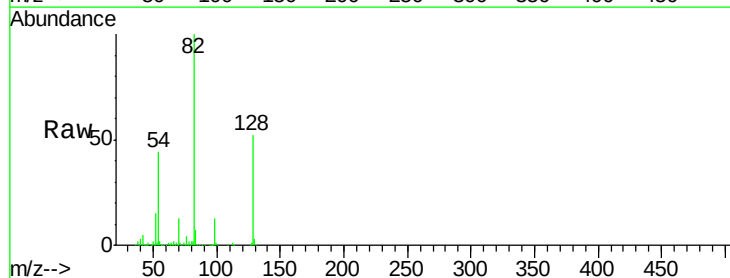
Delta R.T. 0.13 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

Tgt Ion: 70 Resp: 133306

Ion	Ratio	Lower	Upper
70	100		
42	40.4	40.3	60.5
101	0.0	8.2	12.4#
130	2.3	20.3	30.5#



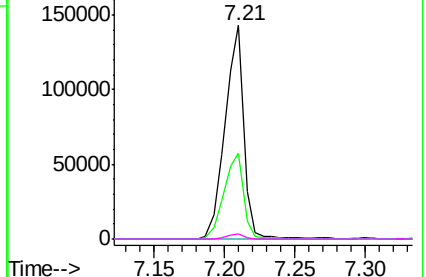
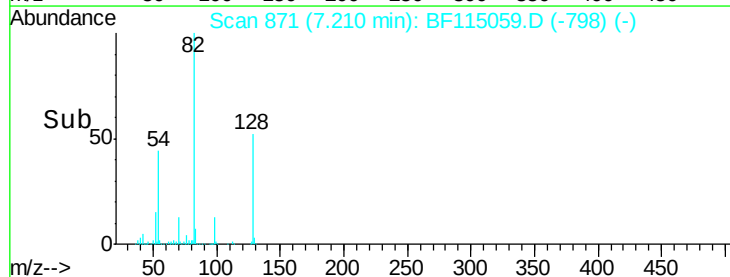
Abundance

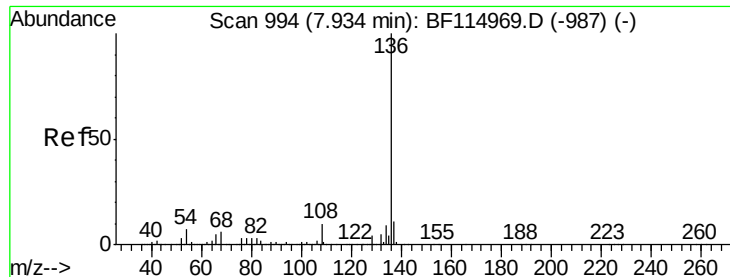
Ion 70.00 (69.70 to 70.70): BF1

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

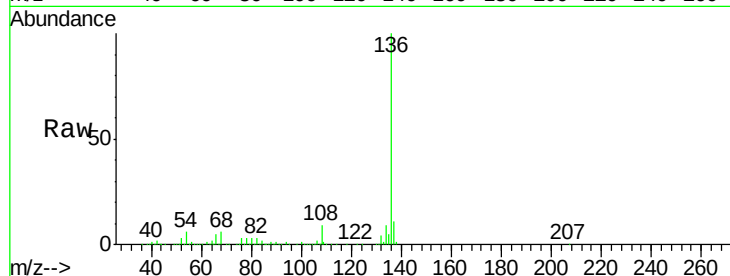




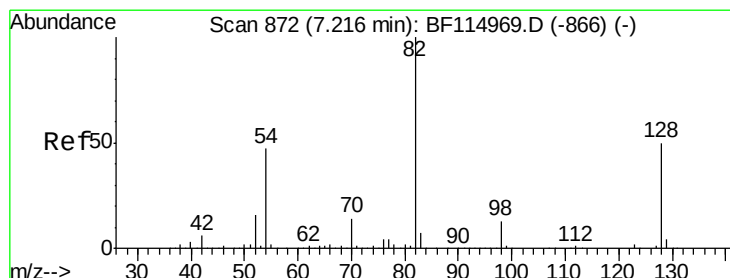
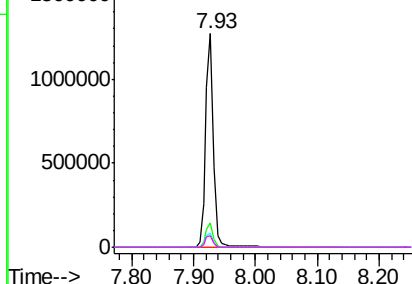
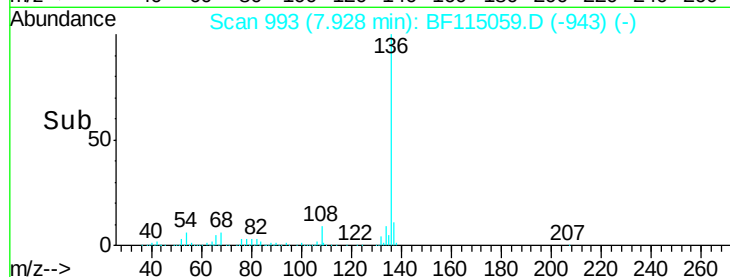
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115059.D
Acq: 14 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1131575
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.3	5.4	8.0
68	5.6	4.6	7.0

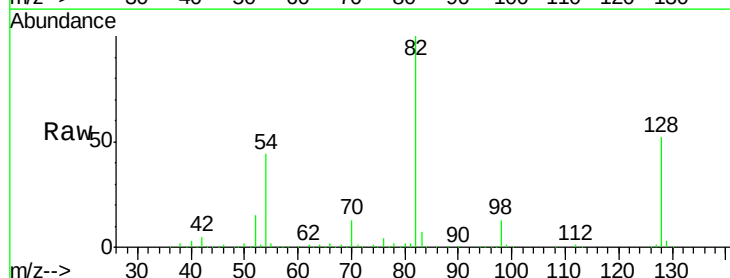


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

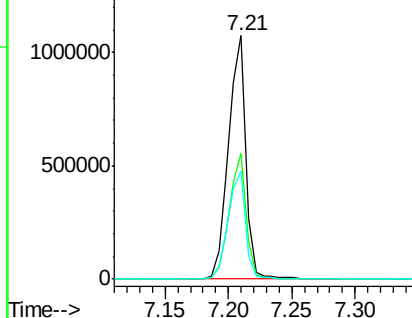
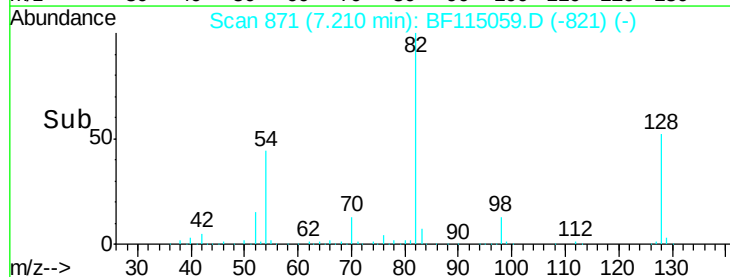


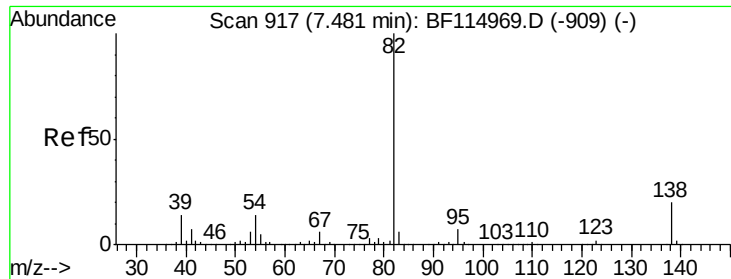
#23
Nitrobenzene-d5
Concen: 54.090 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115059.D
Acq: 14 Jun 2019 23:56

Tgt Ion:	82	Resp:	1016857
Ion	Ratio	Lower	Upper
82	100		
128	51.6	39.9	59.9
54	44.5	37.3	55.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 28.313 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

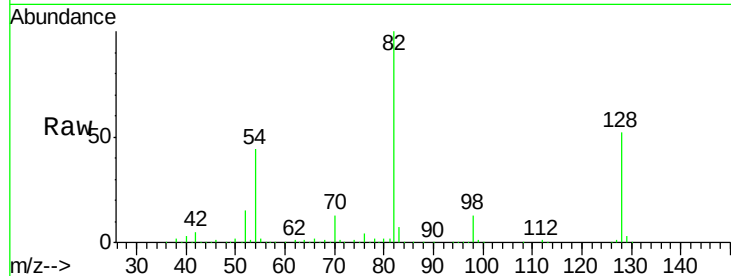
Tot Ion: 82 Resp: 996902

Ion Ratio Lower Upper

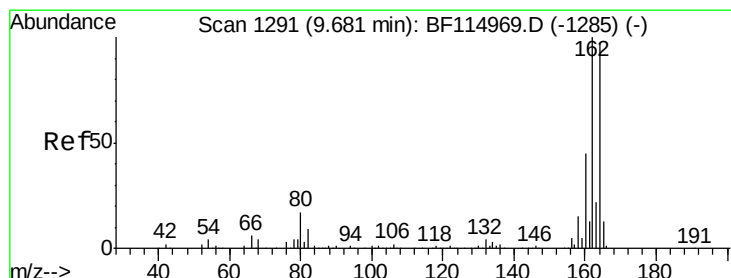
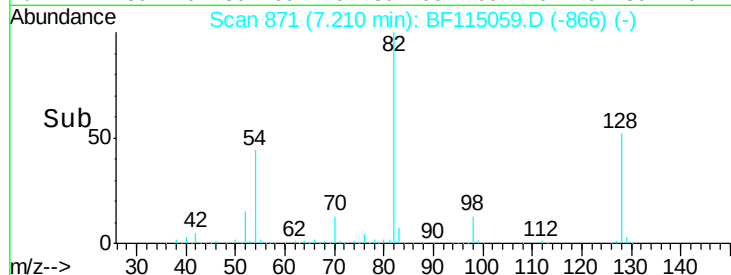
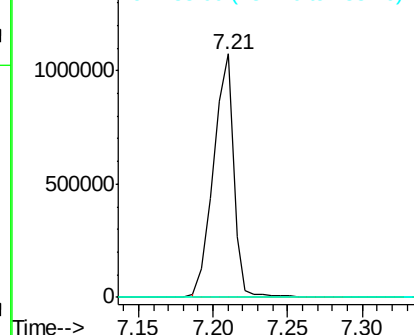
82 100

95 0.0 5.6 8.4#

138 0.0 16.1 24.1#



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: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

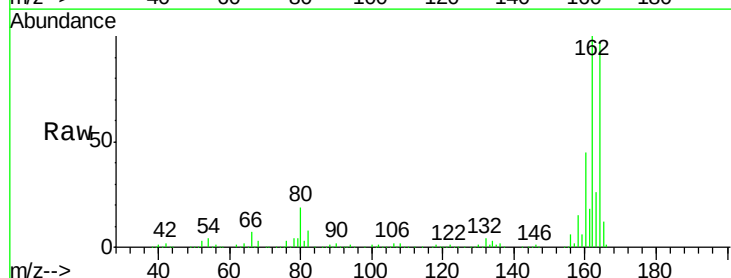
Tgt Ion:164 Resp: 514074

Ion Ratio Lower Upper

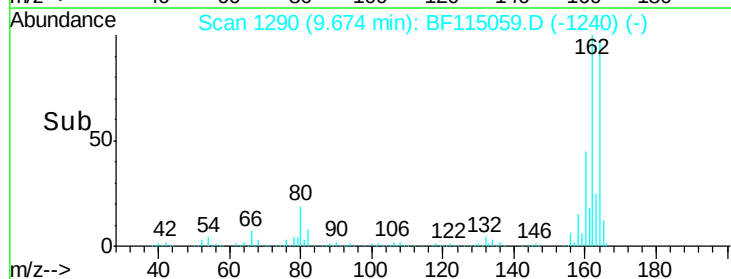
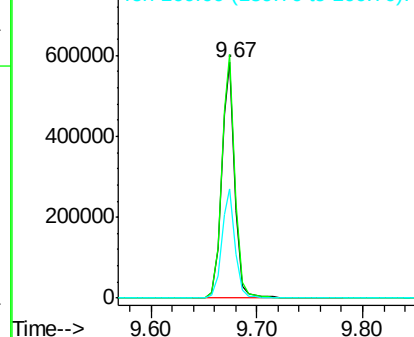
164 100

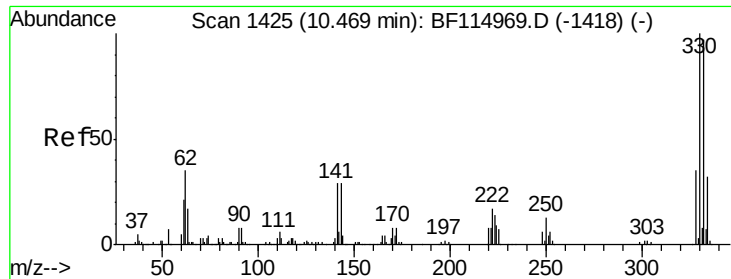
162 103.4 82.6 124.0

160 46.3 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

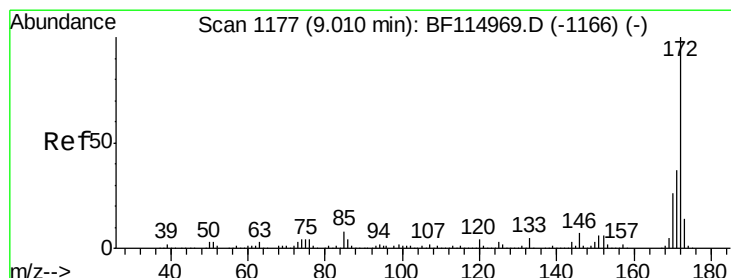
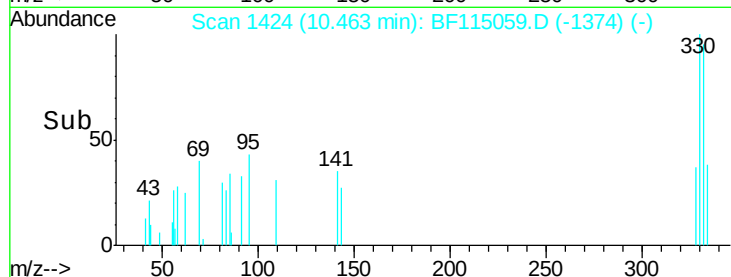
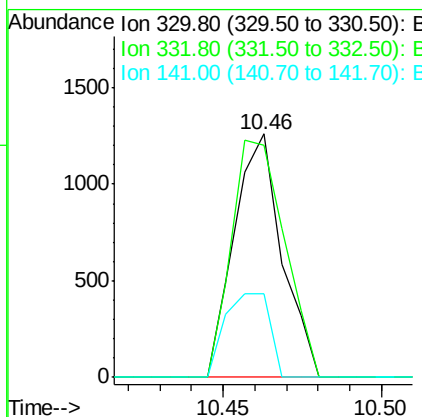
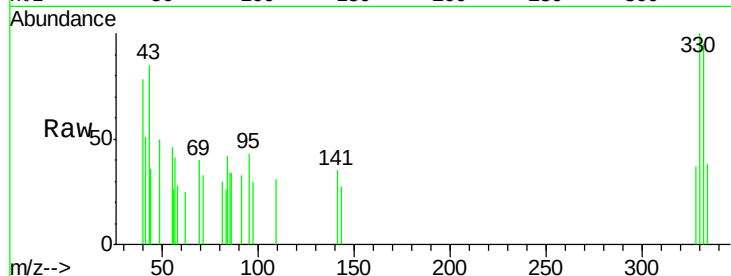




#42
 2,4,6-Tribromophenol
 Concen: 0.239 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115059.D
 Acq: 14 Jun 2019 23:56

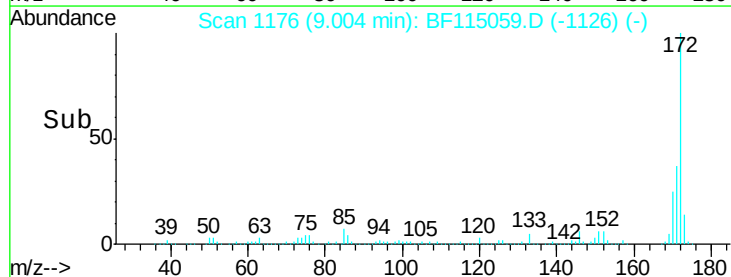
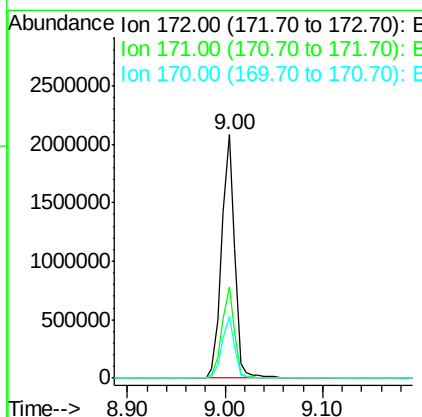
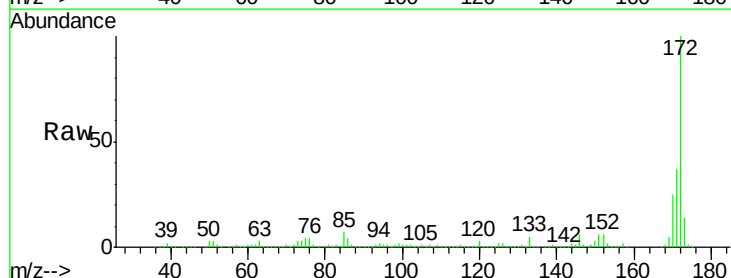
Instrument :
 BNA_F
 ClientSampleId :

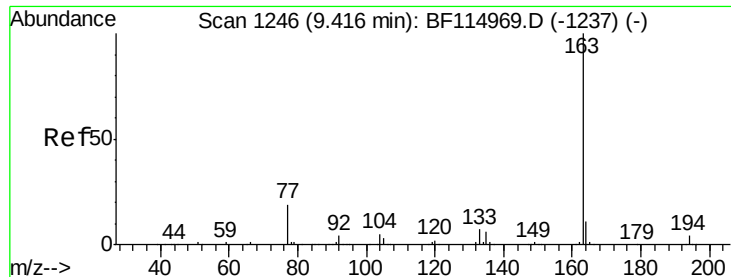
Tot Ion:330 Resp: 1313
 Ion Ratio Lower Upper
 330 100
 332 108.2 77.6 116.4
 141 32.1 27.2 40.8



#45
 2-Fluorobiphenyl
 Concen: 64.066 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115059.D
 Acq: 14 Jun 2019 23:56

Tgt Ion:172 Resp: 1943251
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.2 20.6 31.0





#50

Dimethylphthalate

Concen: 12.071 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

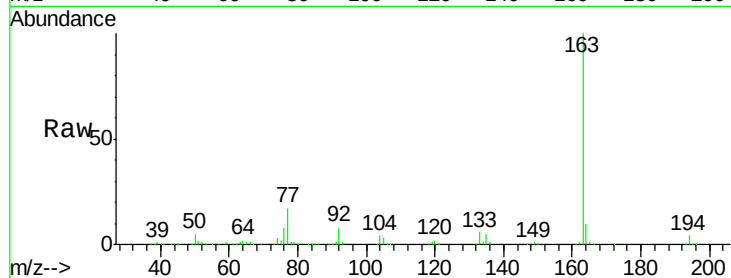
Tot Ion:163 Resp: 466680

Ion Ratio Lower Upper

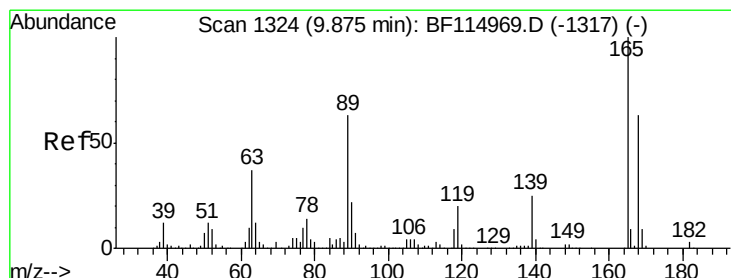
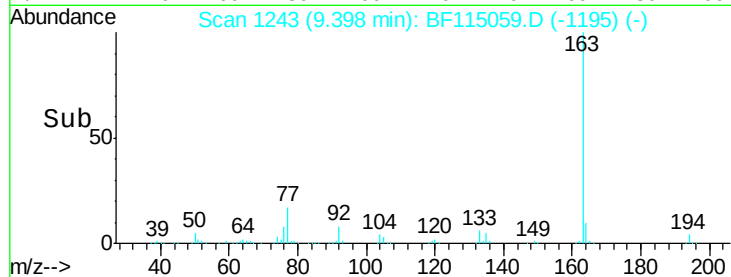
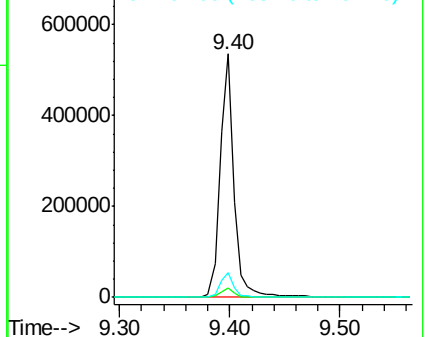
163 100

194 3.8 3.3 4.9

164 10.0 8.6 12.8



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



#57

2,4-Dinitrotoluene

Concen: 5.812 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.20 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

Tgt Ion:165 Resp: 64872

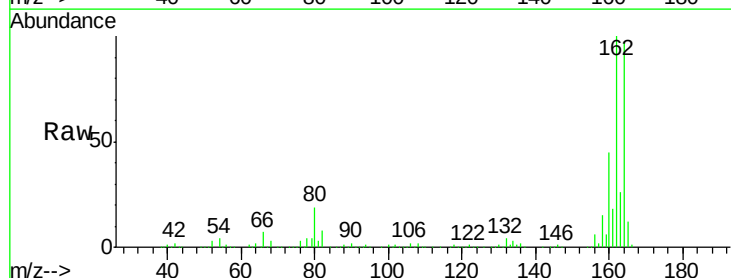
Ion Ratio Lower Upper

165 100

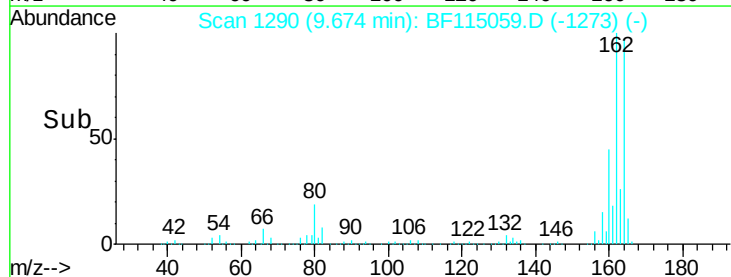
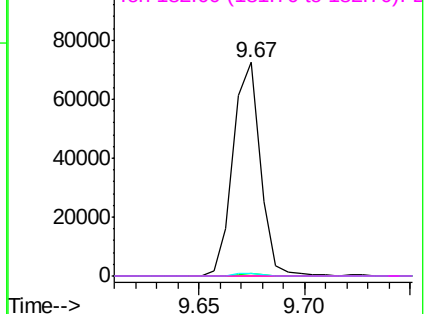
63 1.3 29.4 44.2#

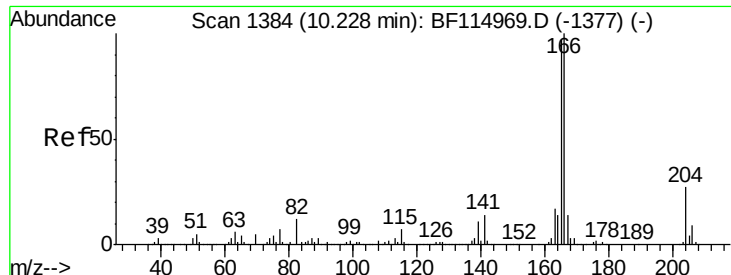
89 1.3 50.6 75.8#

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

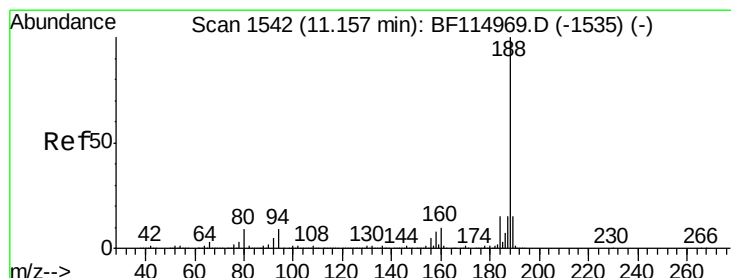
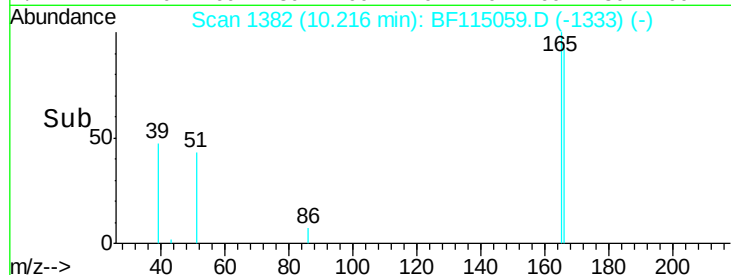
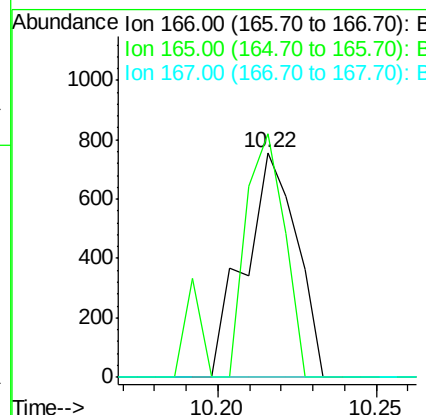
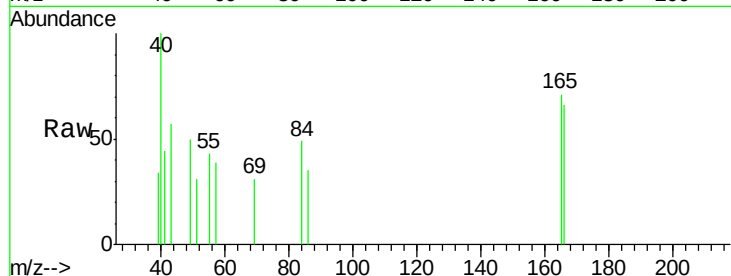




#58
 Fluorene
 Concen: Below Cal
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF115059.D
 Acq: 14 Jun 2019 23:56

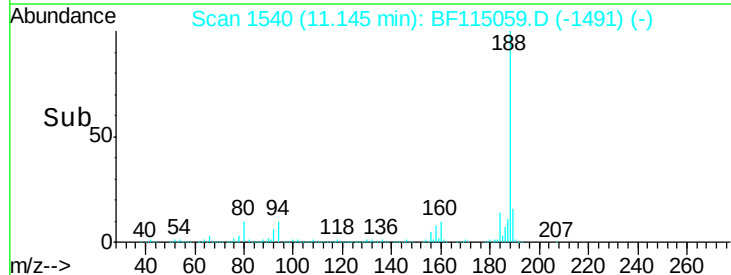
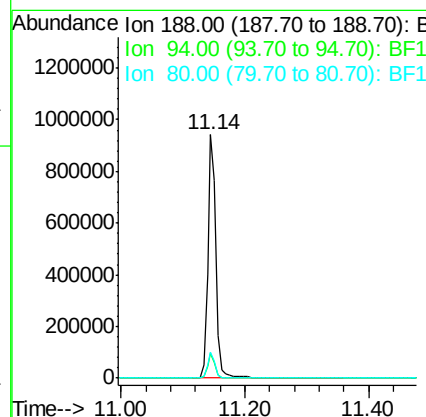
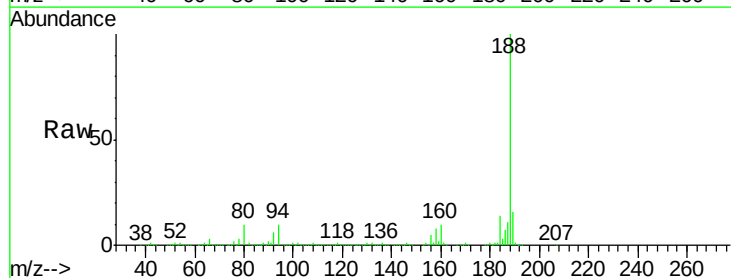
Instrument :
 BNA_F
 ClientSampleId :

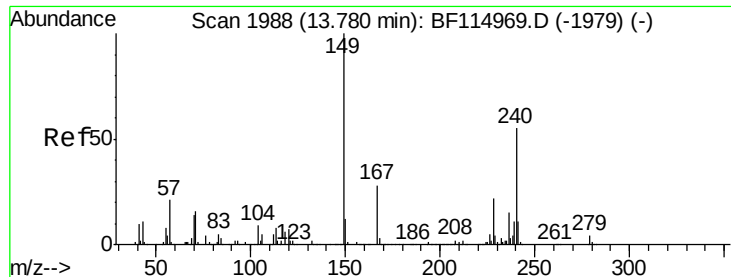
Tot Ion:166 Resp: 861
 Ion Ratio Lower Upper
 166 100
 165 108.5 77.6 116.4
 167 0.0 11.0 16.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF115059.D
 Acq: 14 Jun 2019 23:56

Tgt Ion:188 Resp: 862076
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.2 10.8
 80 10.4 7.4 11.2

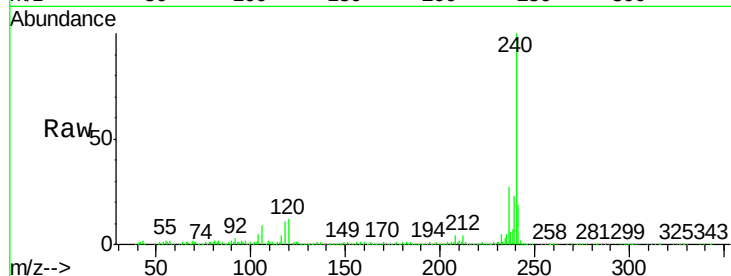




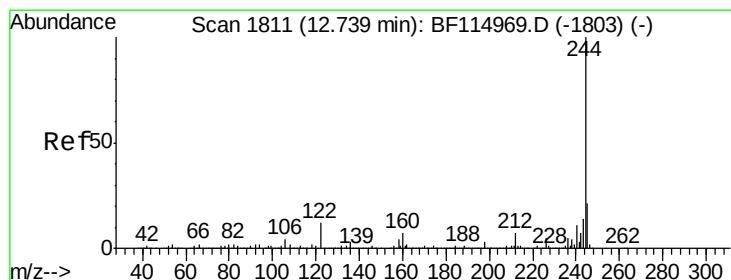
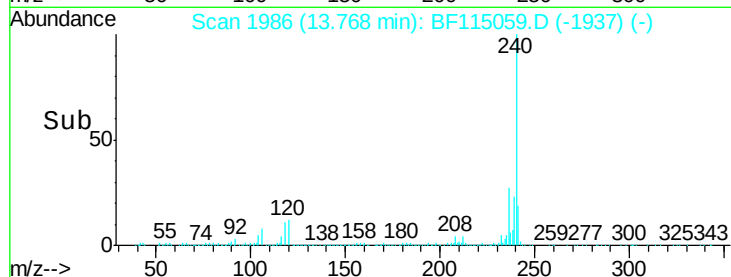
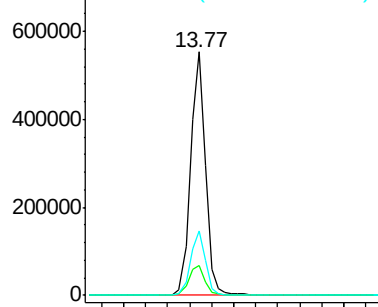
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115059.D
Acq: 14 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 521603
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 26.6 21.6 32.4

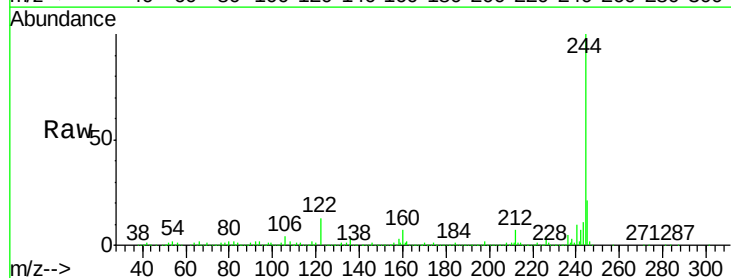


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

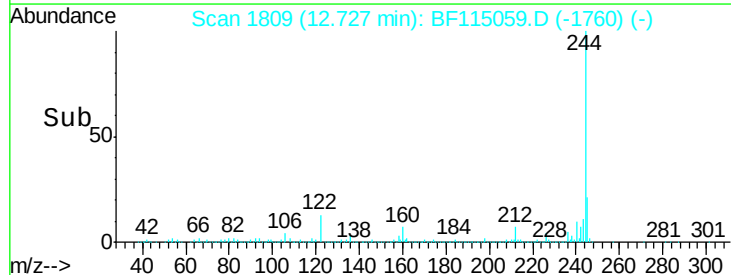
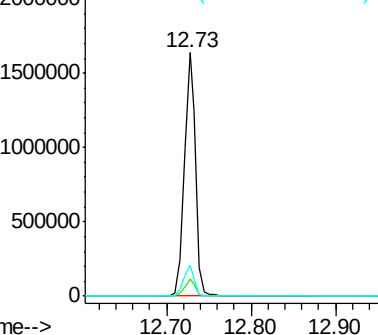


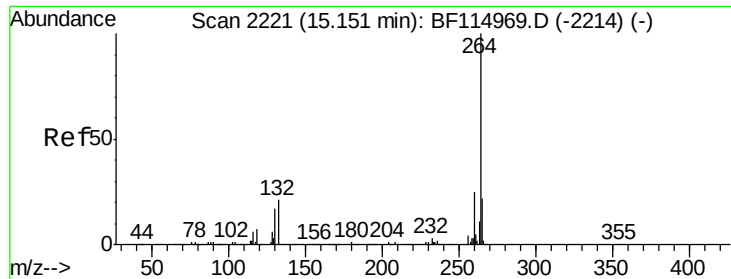
#79
Terphenyl-d14
Concen: 56.290 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF115059.D
Acq: 14 Jun 2019 23:56

Tgt Ion:244 Resp: 1561036
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.8 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

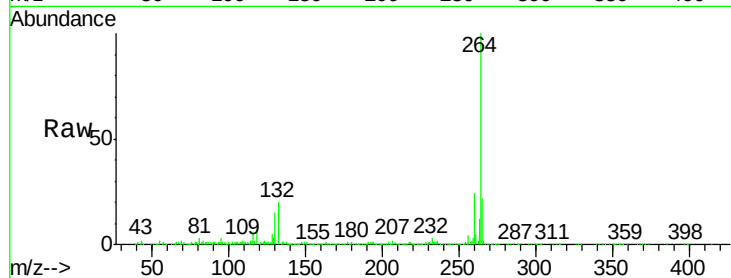




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115059.D
 Acq: 14 Jun 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.9	29.9
265	22.1	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

