

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115040.D
 Acq On : 14 Jun 2019 15:22
 Operator : HP/JU
 Sample : PB120595BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:50:19 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

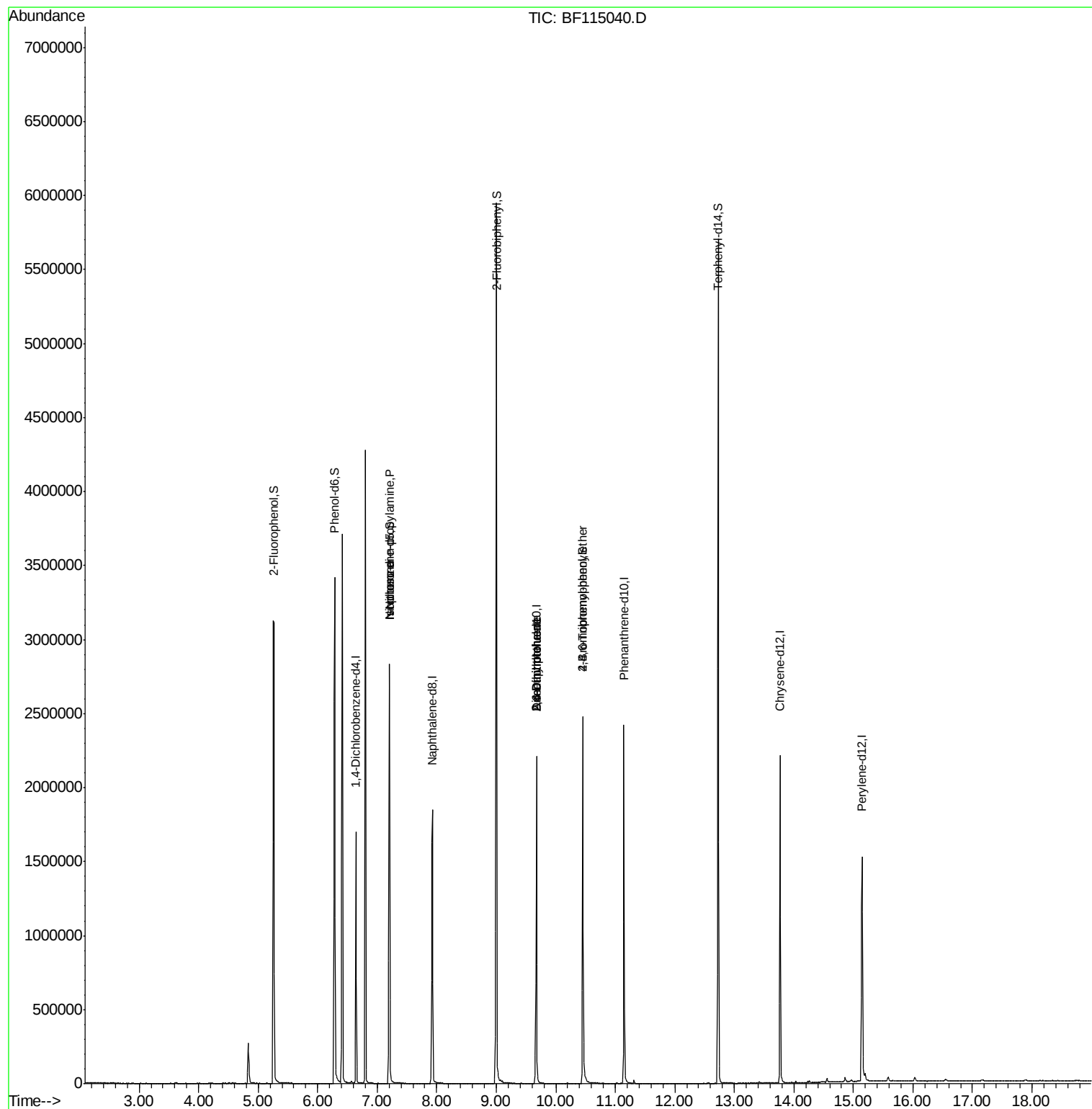
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	258002	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1003138	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	480249	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	965494	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	742504	20.00	ng	-0.01
87) Perylene-d12	15.14	264	720553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1053677	68.19	ng	0.00
7) Phenol-d6	6.29	99	1253891	67.27	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1119071	67.15	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	337628	65.65	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2112593	74.56	ng	0.00
79) Terphenyl-d14	12.73	244	2144275	54.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	1624	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	144980	12.803	ng	# 76
25) Isophorone	7.21	82	1081006	34.633	ng	# 62
50) Dimethylphthalate	9.67	163	134643	3.728	ng	# 1
51) 2,6-Dinitrotoluene	9.67	165	61282	7.480	ng	# 37
57) 2,4-Dinitrotoluene	9.67	165	61282	5.877	ng	# 29
58) Fluorene	10.46	166	16116	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.46	248	21641	2.088	ng	# 1

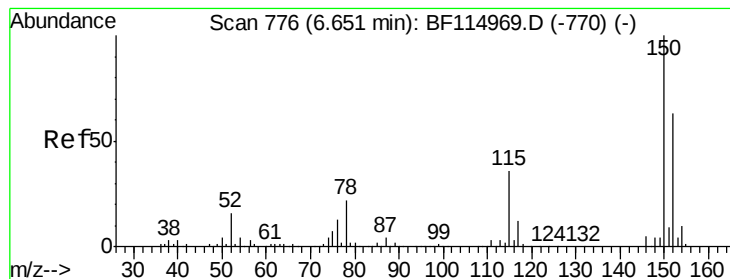
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115040.D
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Operator : HP/JU
Sample : PB120595BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 15 04:50:19 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



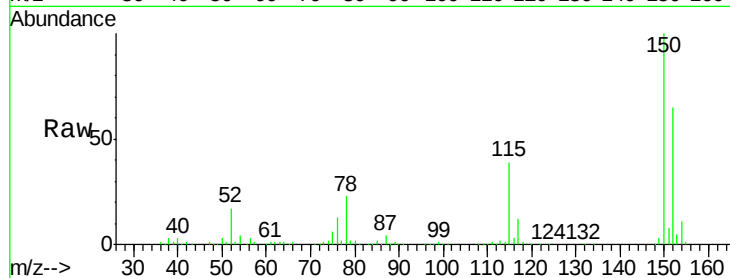


#1

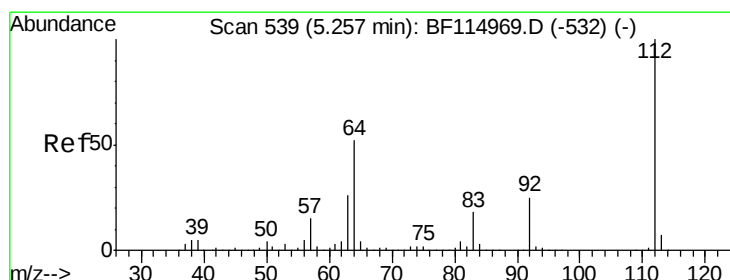
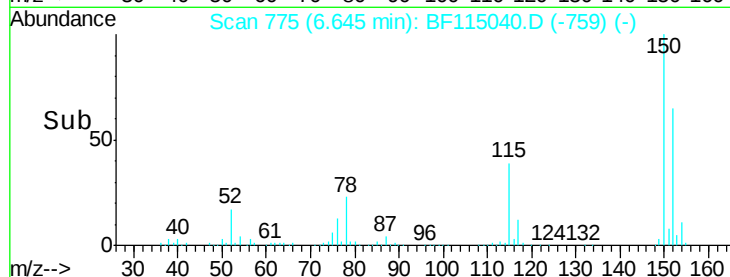
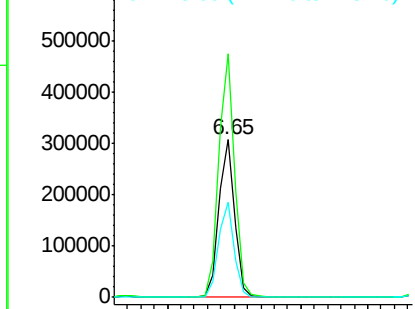
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115040.D
 Acq: 14 Jun 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 258002
 Ion Ratio Lower Upper
 152 100
 150 154.8 127.4 191.0
 115 60.5 46.0 69.0



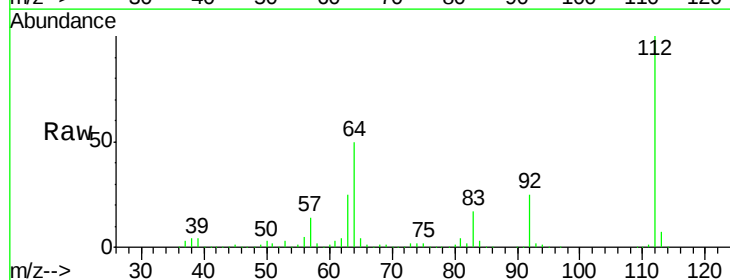
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



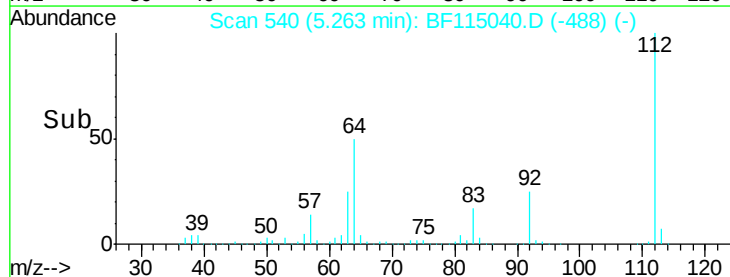
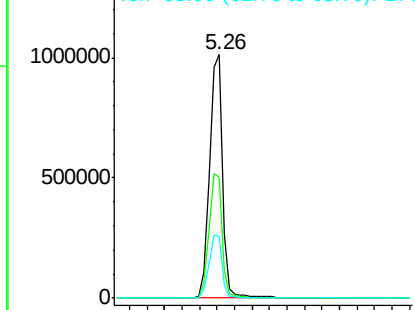
#5

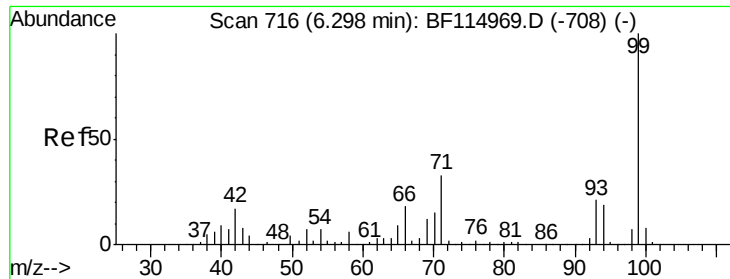
2-Fluorophenol
 Concen: 68.194 ng
 RT: 5.26 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: BF115040.D
 Acq: 14 Jun 2019 15:22

Tgt Ion:112 Resp: 1053677
 Ion Ratio Lower Upper
 112 100
 64 49.6 41.6 62.4
 63 25.2 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: 67.274 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

Instrument :

BNA_F

ClientSampleId :

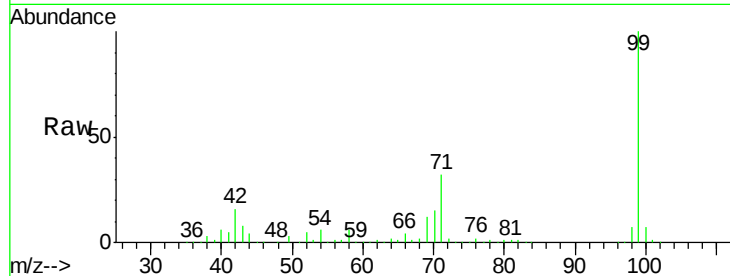
Tot Ion: 99 Resp: 1253891

Ion Ratio Lower Upper

99 100

42 15.7 13.4 20.2

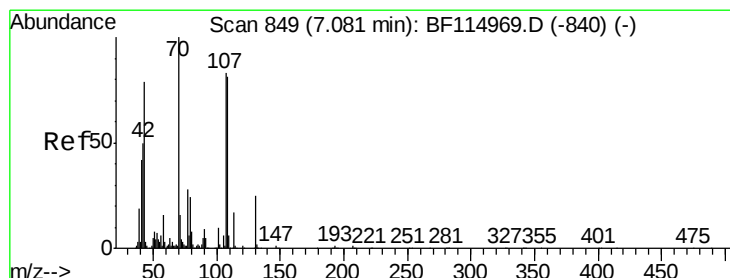
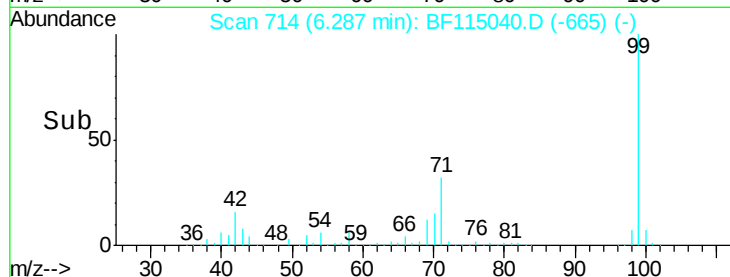
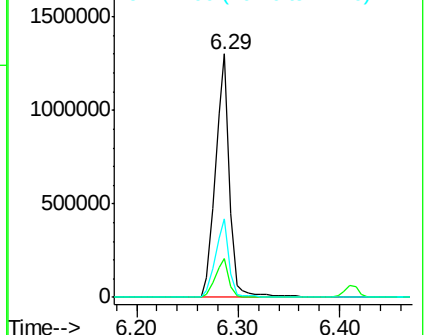
71 32.3 26.4 39.6



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: 12.803 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

Tgt Ion: 70 Resp: 144980

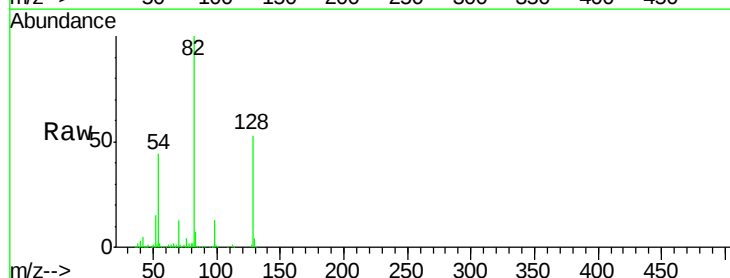
Ion Ratio Lower Upper

70 100

42 41.3 40.3 60.5

101 0.0 8.2 12.4#

130 2.7 20.3 30.5#

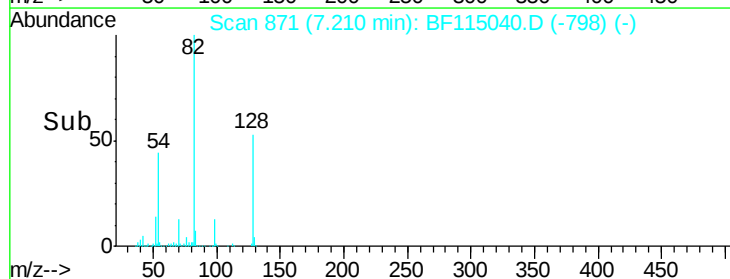
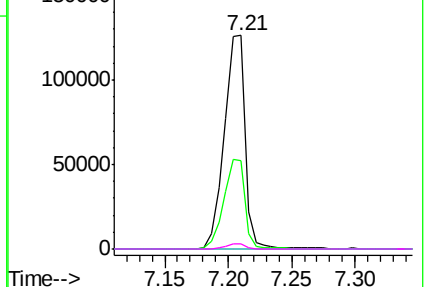


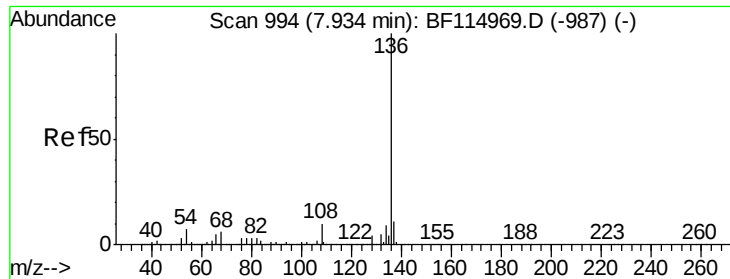
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

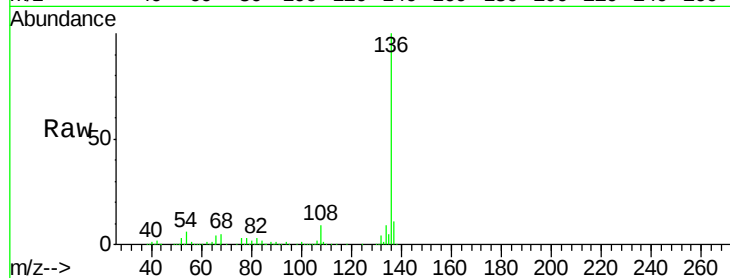




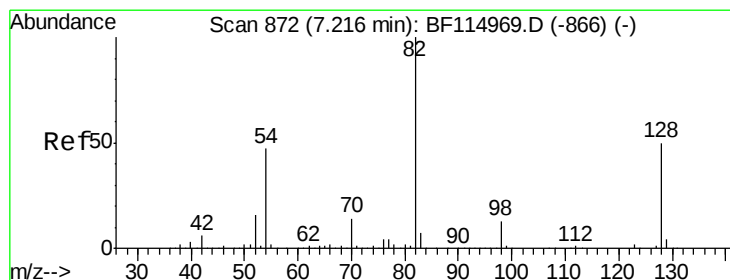
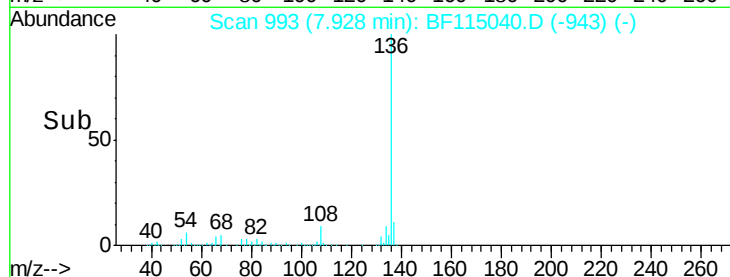
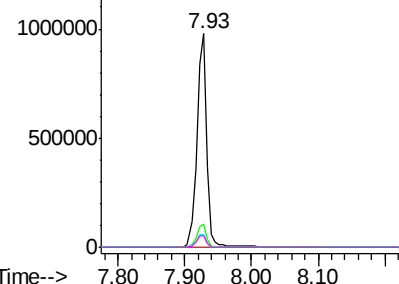
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115040.D
Acq: 14 Jun 2019 15:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	1003138
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.2	5.4	8.0
68	5.3	4.6	7.0

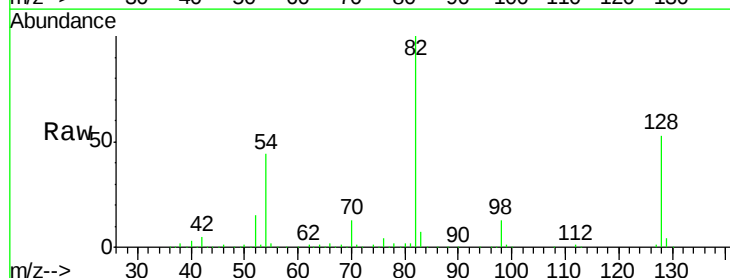


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

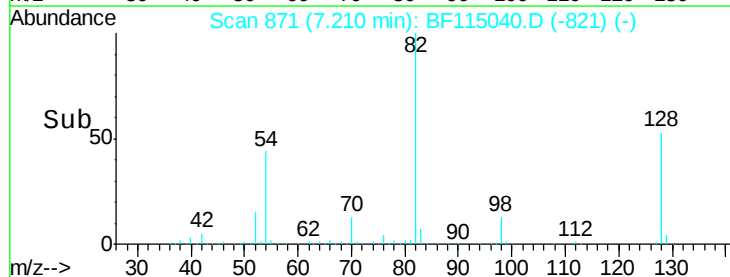
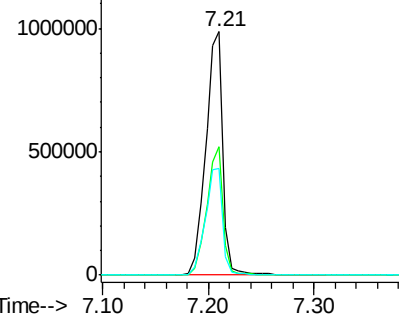


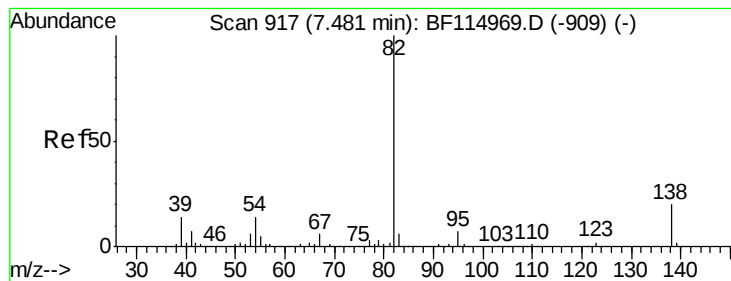
#23
Nitrobenzene-d5
Concen: 67.149 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115040.D
Acq: 14 Jun 2019 15:22

Tgt Ion:	82	Resp:	1119071
Ion	Ratio	Lower	Upper
82	100		
128	53.0	39.9	59.9
54	43.8	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





#25

Isophorone

Concen: 34.633 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

Instrument :

BNA_F

ClientSampleId :

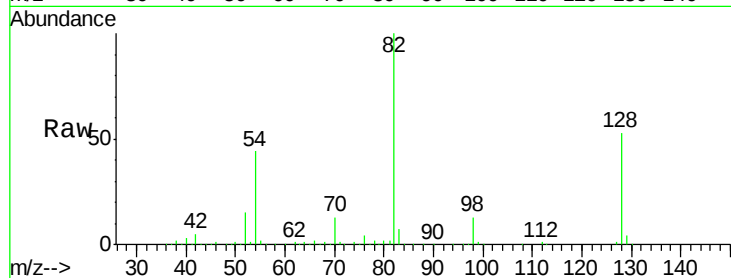
Tot Ion: 82 Resp: 1081006

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

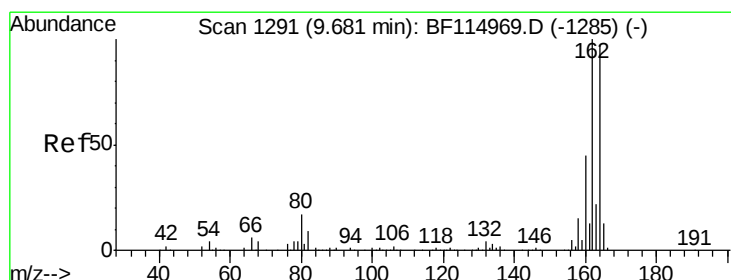
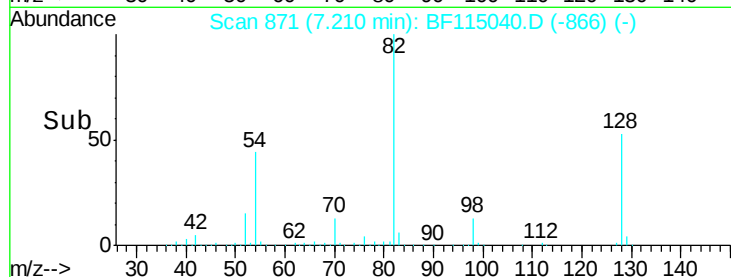
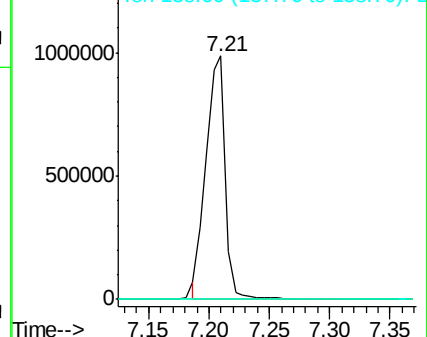
138 0.0 16.1 24.1#



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: BF115040.D

Acq: 14 Jun 2019 15:22

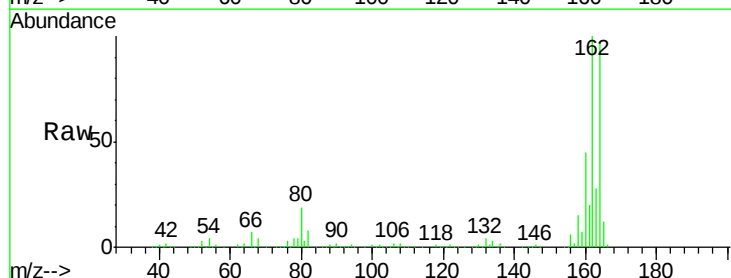
Tgt Ion: 164 Resp: 480249

Ion Ratio Lower Upper

164 100

162 103.1 82.6 124.0

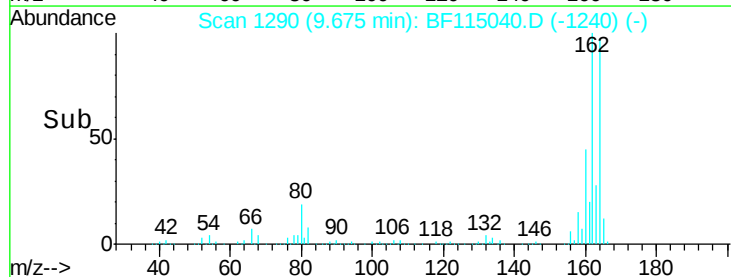
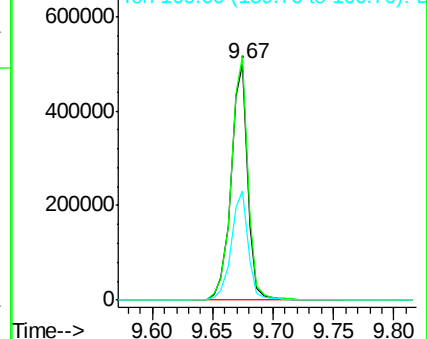
160 46.3 36.9 55.3

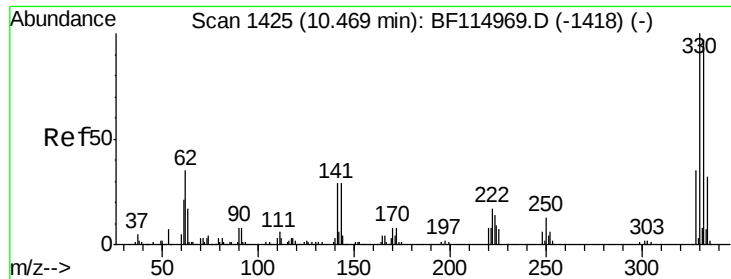


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

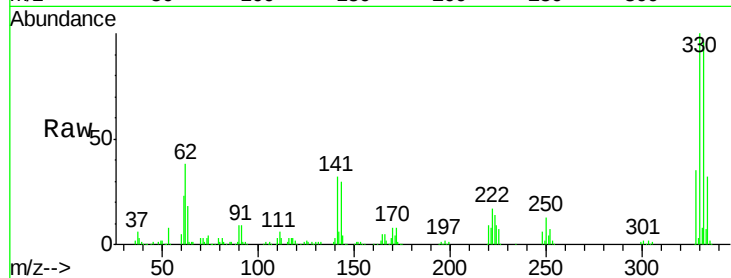




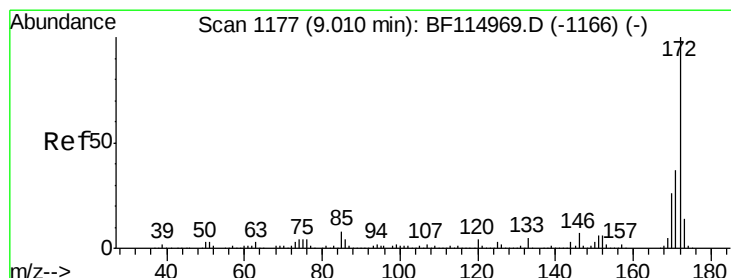
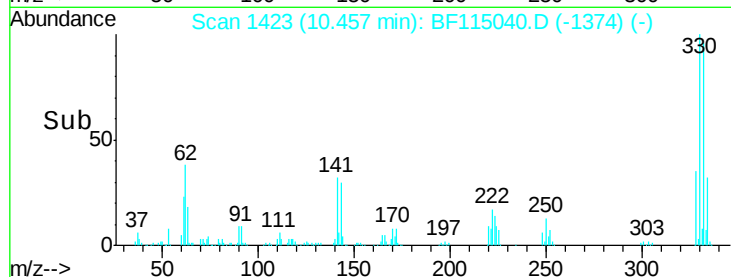
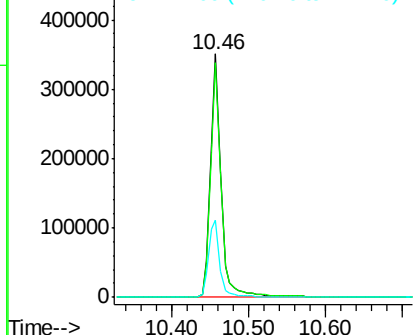
#42
 2,4,6-Tribromophenol
 Concen: 65.651 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115040.D
 Acq: 14 Jun 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 337628
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 34.3 27.2 40.8

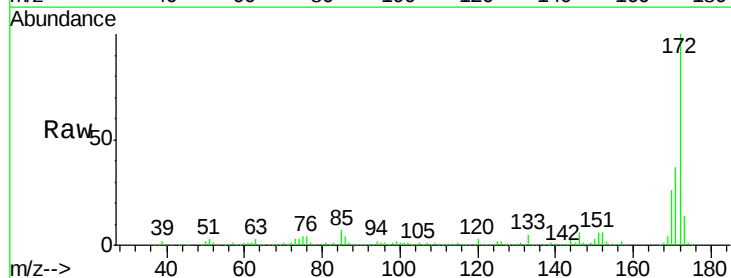


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

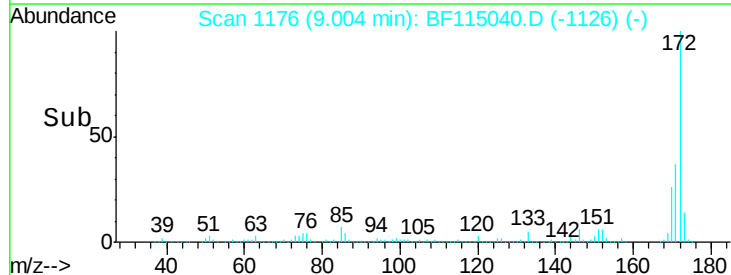
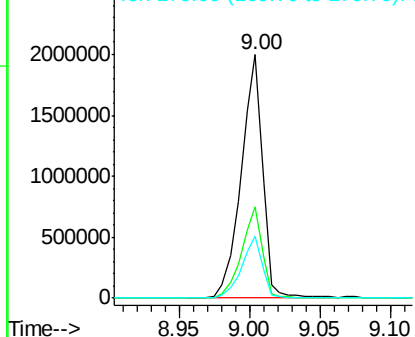


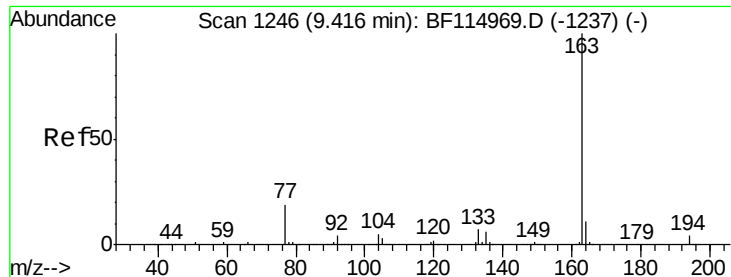
#45
 2-Fluorobiphenyl
 Concen: 74.555 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115040.D
 Acq: 14 Jun 2019 15:22

Tgt Ion:172 Resp: 2112593
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.5 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.728 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.26 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

Instrument :

BNA_F

ClientSampleId :

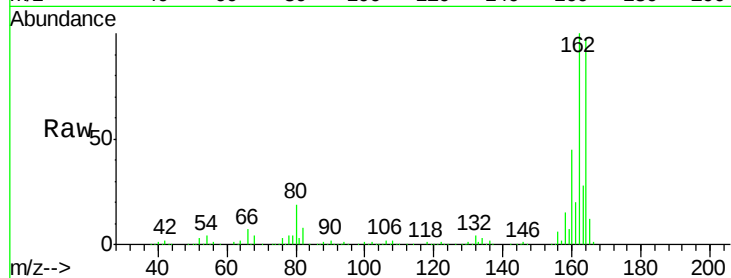
Tot Ion:163 Resp: 134643

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

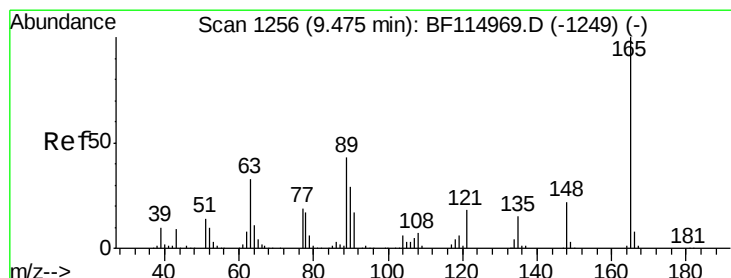
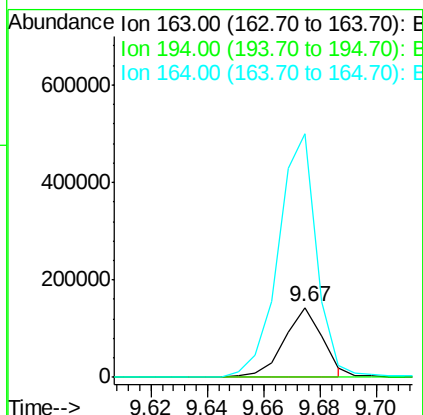
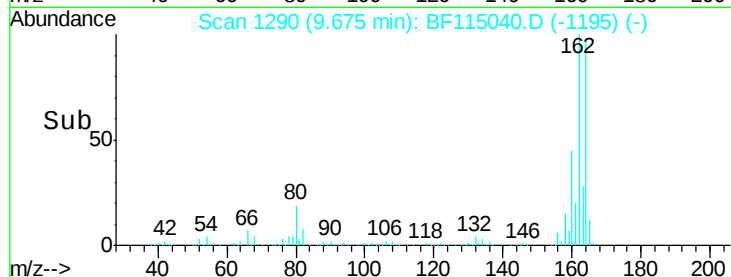
164 348.9 8.6 12.8#



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



#51

2,6-Dinitrotoluene

Concen: 7.480 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.20 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

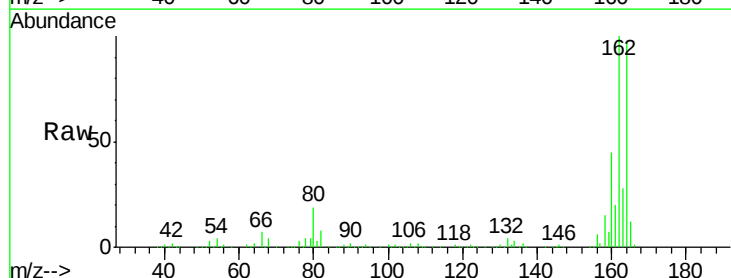
Tgt Ion:165 Resp: 61282

Ion Ratio Lower Upper

165 100

63 1.0 30.6 46.0#

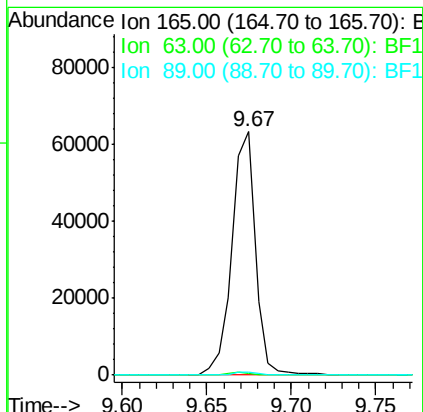
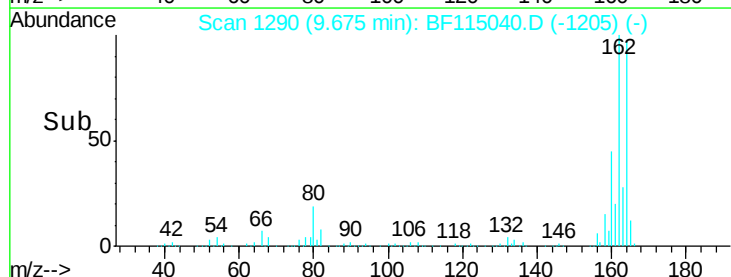
89 1.4 34.4 51.6#

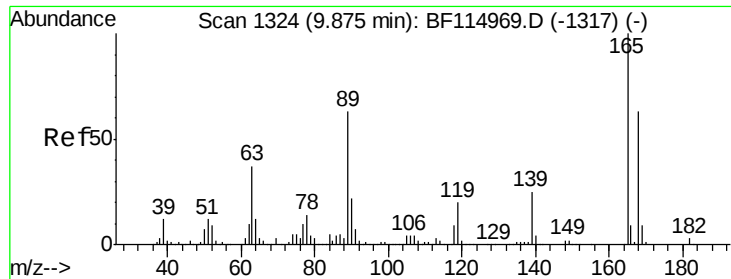


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

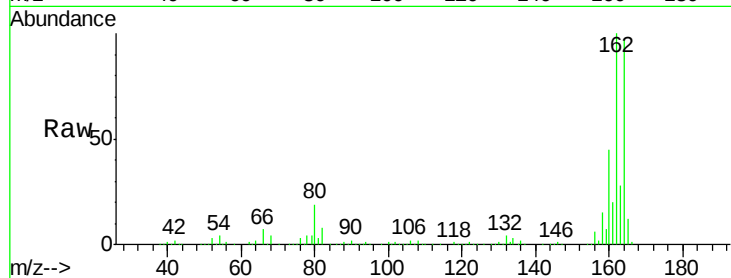




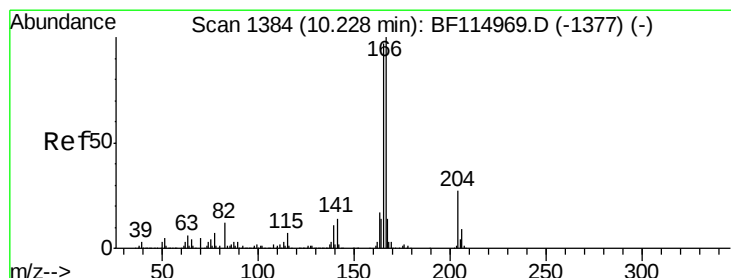
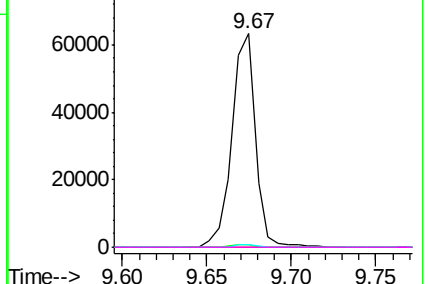
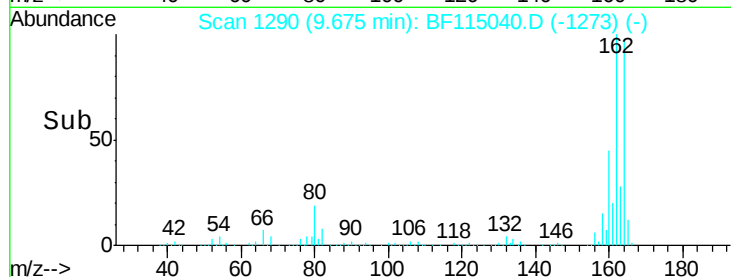
#57
2,4-Dinitrotoluene
Concen: 5.877 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115040.D
Acq: 14 Jun 2019 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 61282
Ion Ratio Lower Upper
165 100
63 1.0 29.4 44.2#
89 1.4 50.6 75.8#
182 0.0 2.2 3.2#

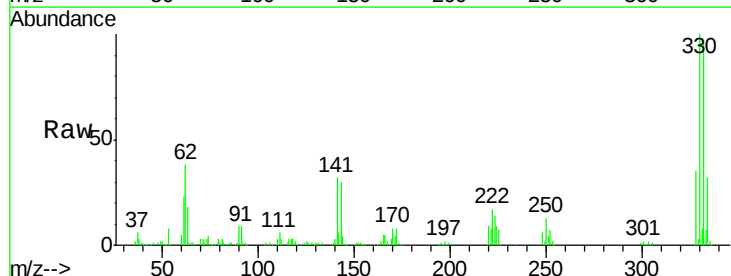


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

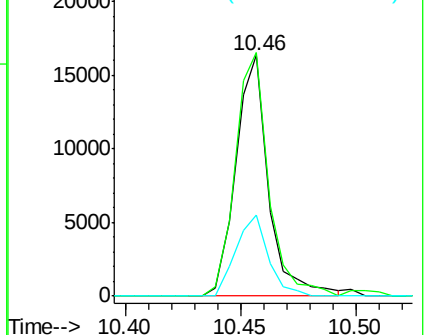
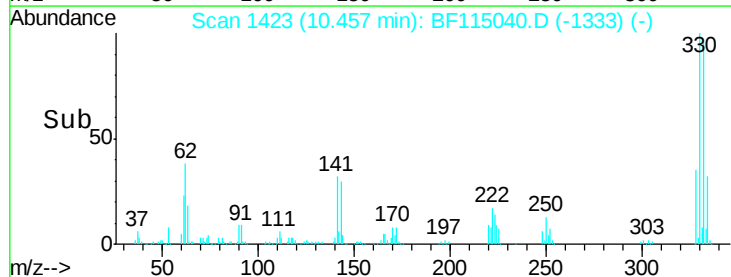


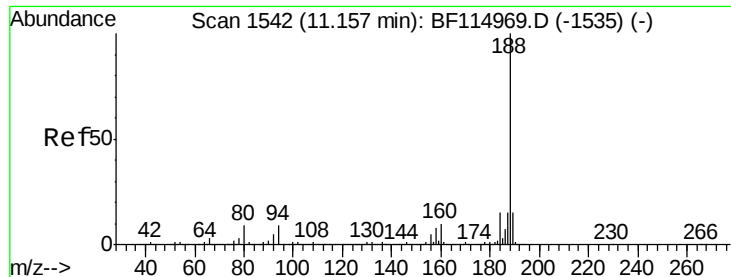
#58
Fluorene
Concen: Below Cal
RT: 10.46 min Scan# 1423
Delta R.T. 0.23 min
Lab File: BF115040.D
Acq: 14 Jun 2019 15:22

Tgt Ion:166 Resp: 16116
Ion Ratio Lower Upper
166 100
165 101.0 77.6 116.4
167 33.4 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

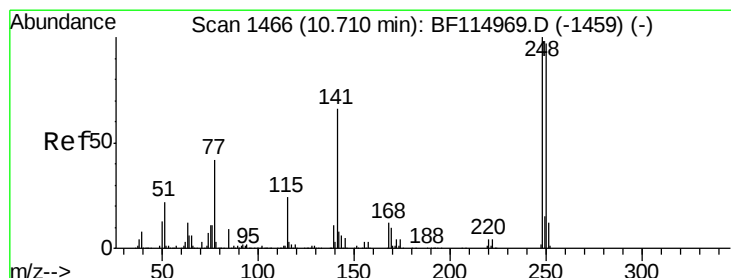
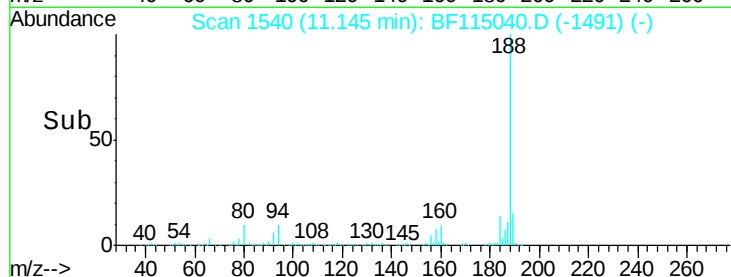
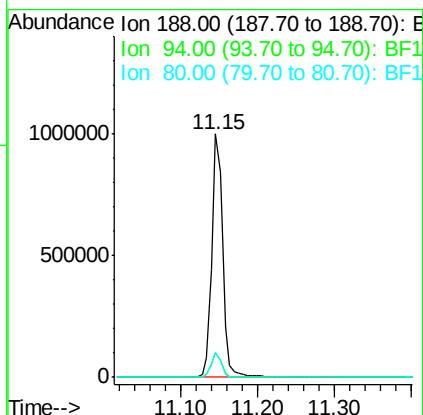
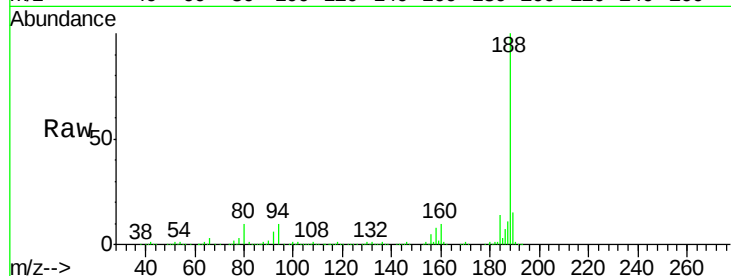




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115040.D
Acq: 14 Jun 2019 15:22

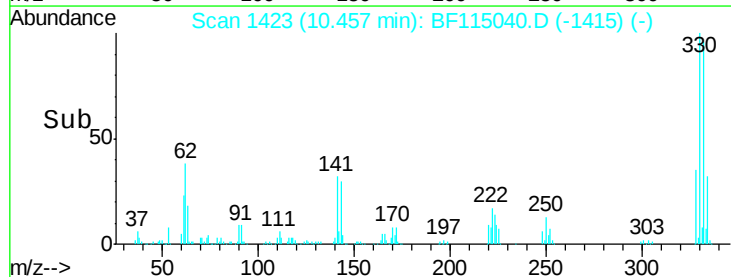
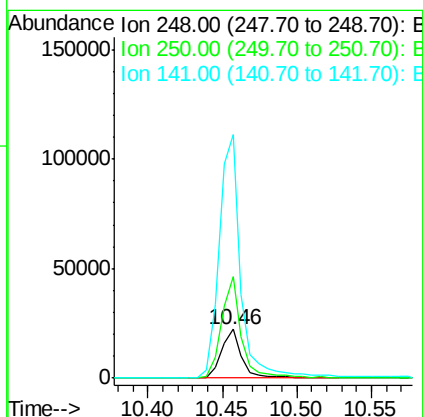
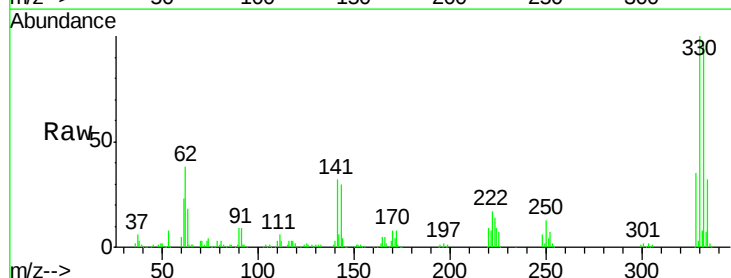
Instrument :
BNA_F
ClientSampleId :

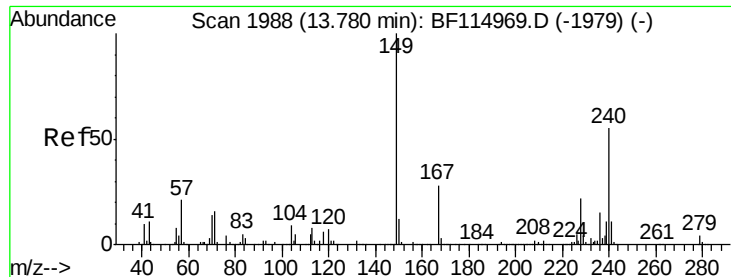
Tot Ion:188 Resp: 965494
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 10.4 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 2.088 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115040.D
Acq: 14 Jun 2019 15:22

Tgt Ion:248 Resp: 21641
Ion Ratio Lower Upper
248 100
250 208.3 77.8 116.8#
141 496.7 53.1 79.7#

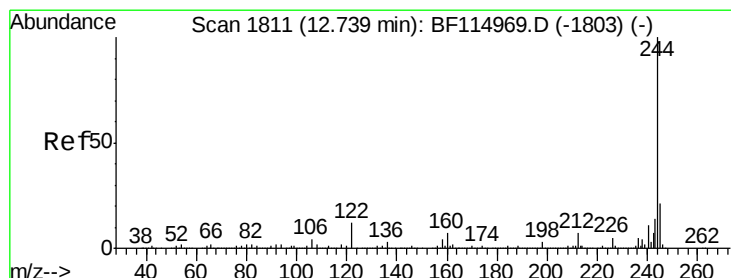
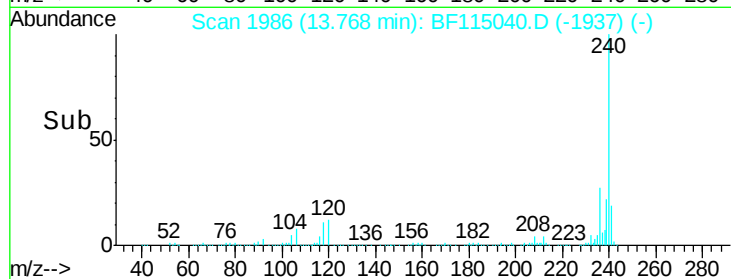
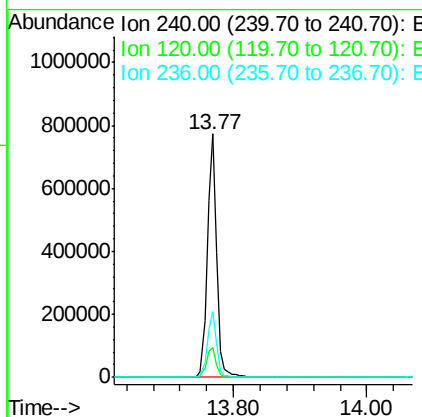
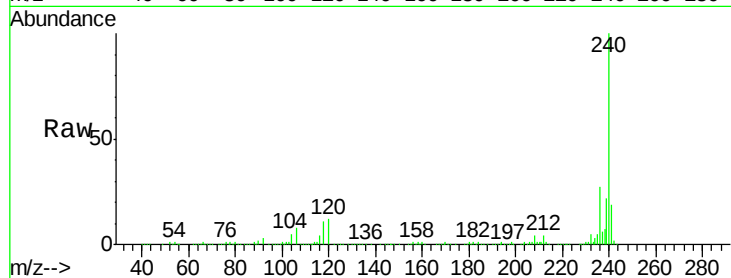




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115040.D
Acq: 14 Jun 2019 15:22

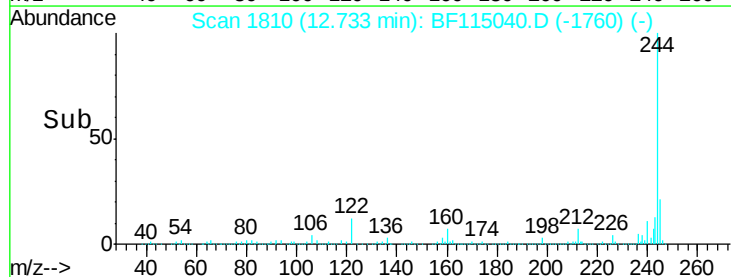
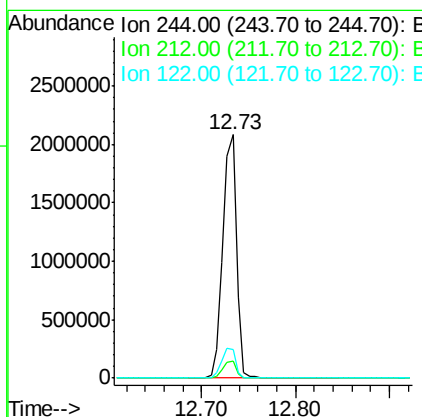
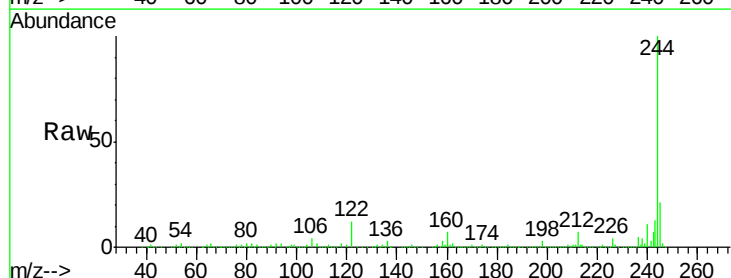
Instrument :
BNA_F
ClientSampleId :

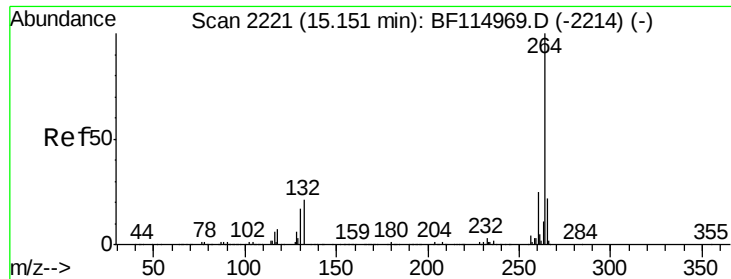
Tot Ion:240 Resp: 742504
Ion Ratio Lower Upper
240 100
120 12.0 10.0 15.0
236 26.8 21.6 32.4



#79
Terphenyl-d14
Concen: 54.318 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115040.D
Acq: 14 Jun 2019 15:22

Tgt Ion:244 Resp: 2144275
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 11.6 9.4 14.0

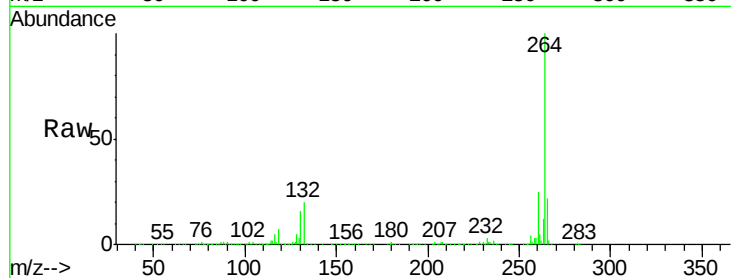




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115040.D
 Acq: 14 Jun 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.7	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

