

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115022.D
 Acq On : 14 Jun 2019 00:30
 Operator : HP/JU
 Sample : K3345-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB_061219

Quant Time: Jun 14 03:52:00 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

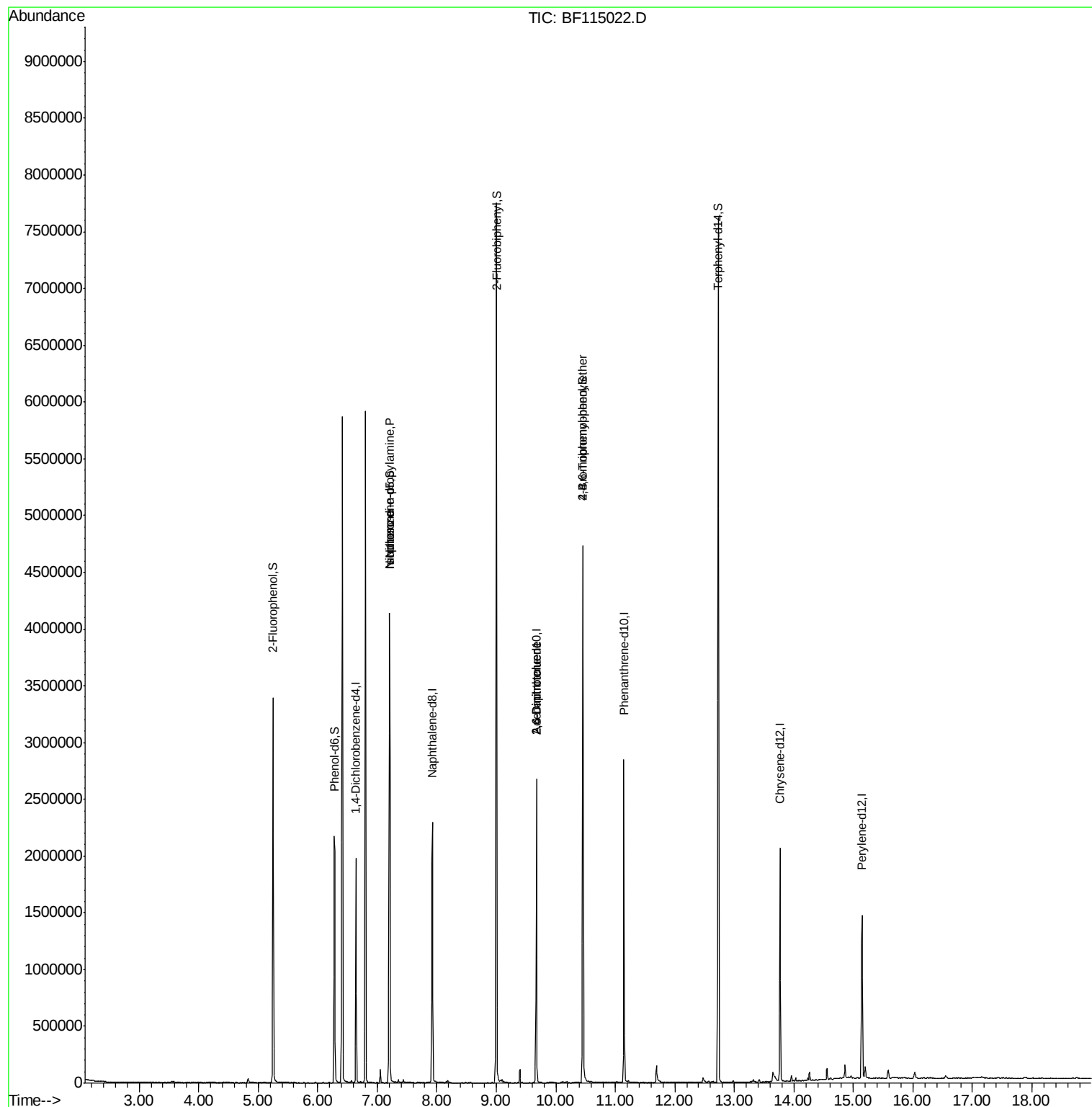
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	292054	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1113036	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	546014	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1025026	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	672314	20.00	ng	-0.01
87) Perylene-d12	15.14	264	617772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1001531	57.26	ng	0.00
7) Phenol-d6	6.28	99	797365	37.79	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1598161	86.43	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	685469	117.23	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2878058	89.34	ng	0.00
79) Terphenyl-d14	12.73	244	2997126	83.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.28	77	1305	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	209852	16.370 ng	#	1
25) Isophorone	7.21	82	1559339	45.025 ng	#	77
51) 2,6-Dinitrotoluene	9.67	165	69816	7.495 ng	#	62
57) 2,4-Dinitrotoluene	9.67	165	69816	5.889 ng	#	37
58) Fluorene	10.46	166	30635	Below Cal	#	29
67) 4-Bromophenyl-phenylether	10.46	248	44454	4.039 ng	#	88
					#	1

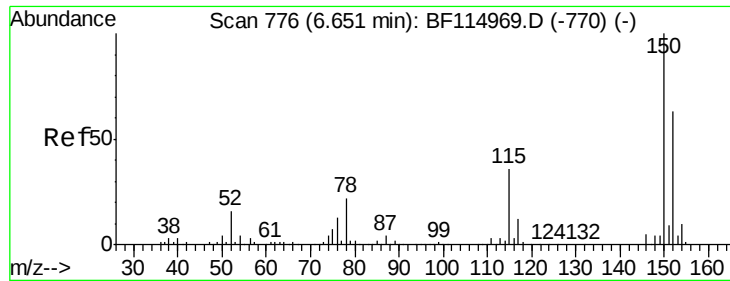
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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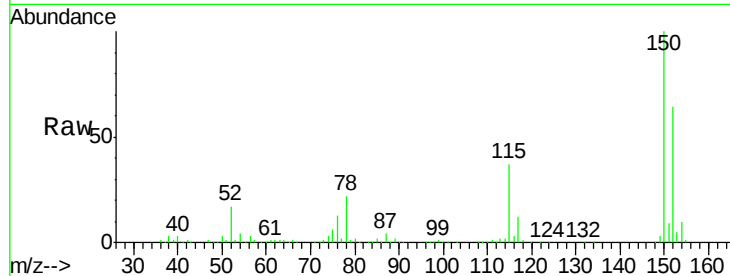


#1

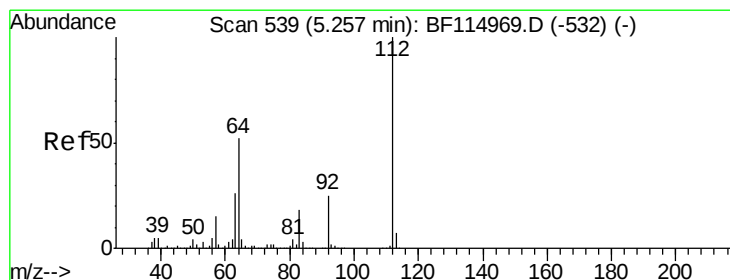
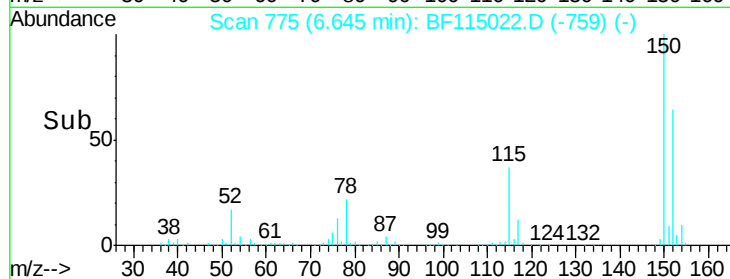
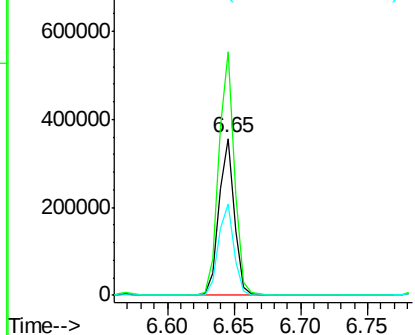
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115022.D
Acq: 14 Jun 2019 00:30

Instrument :
BNA_F
ClientSampleId :
FB_061219

Tgt Ion:152 Resp: 292054
Ion Ratio Lower Upper
152 100
150 155.3 127.4 191.0
115 58.1 46.0 69.0



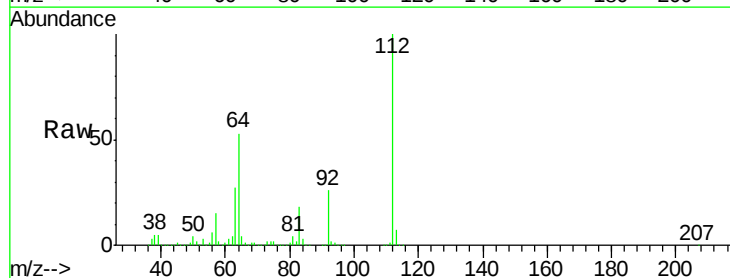
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



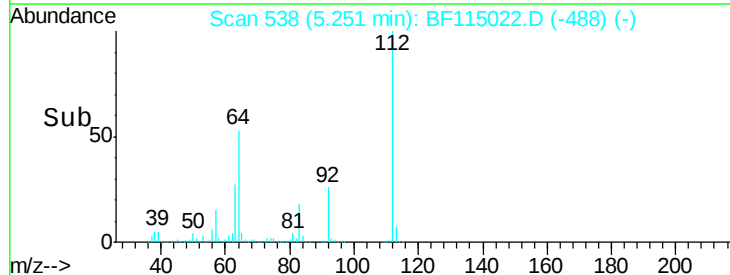
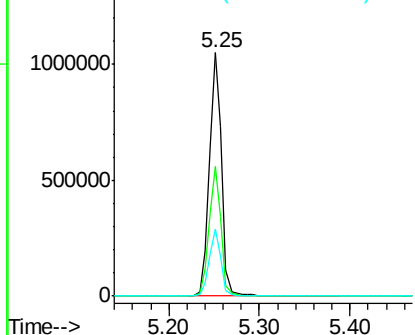
#5

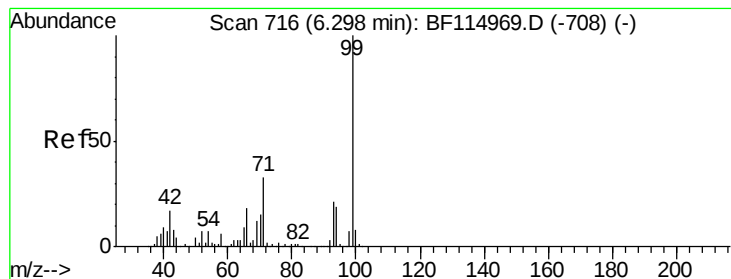
2-Fluorophenol
Concen: 57.261 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115022.D
Acq: 14 Jun 2019 00:30

Tgt Ion:112 Resp: 1001531
Ion Ratio Lower Upper
112 100
64 53.4 41.6 62.4
63 27.4 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: 37.792 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115022.D

Acq: 14 Jun 2019 00:30

Instrument :

BNA_F

ClientSampled :

FB_061219

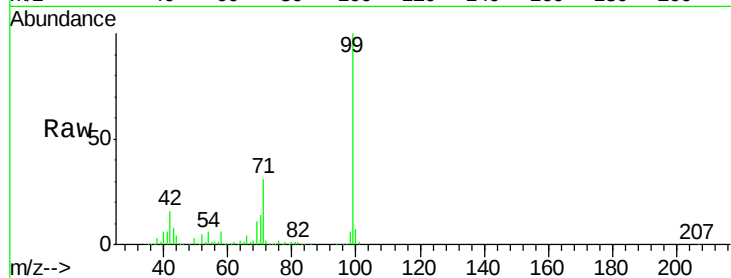
Tgt Ion: 99 Resp: 797365

Ion Ratio Lower Upper

99 100

42 15.7 13.4 20.2

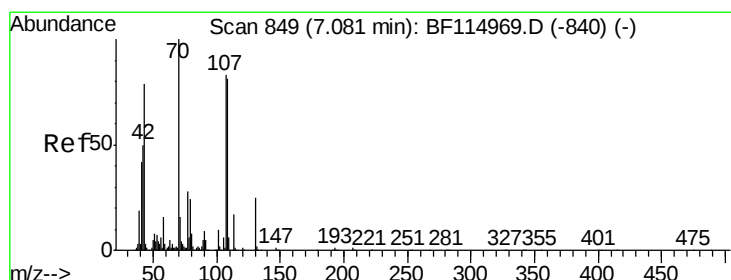
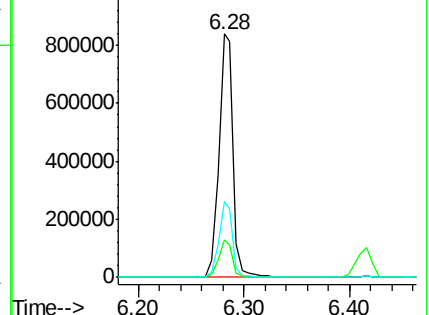
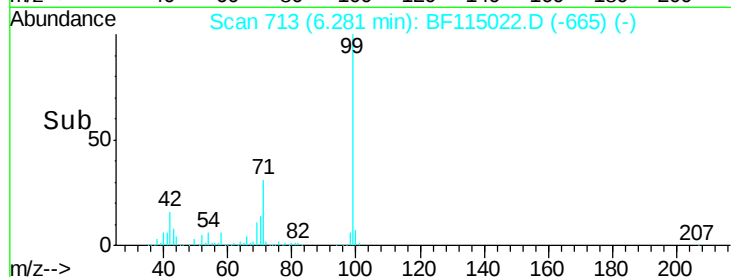
71 31.3 26.4 39.6



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: 16.370 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115022.D

Acq: 14 Jun 2019 00:30

Tgt Ion: 70 Resp: 209852

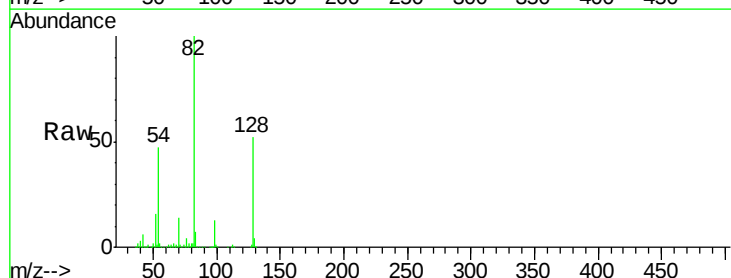
Ion Ratio Lower Upper

70 100

42 43.2 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#

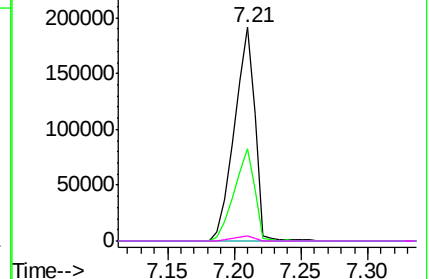
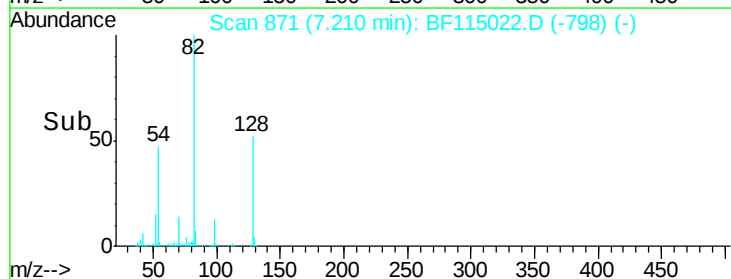


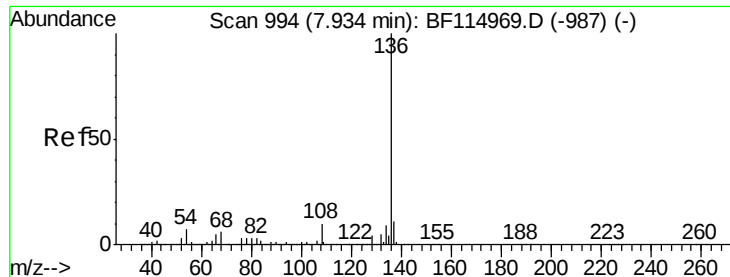
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

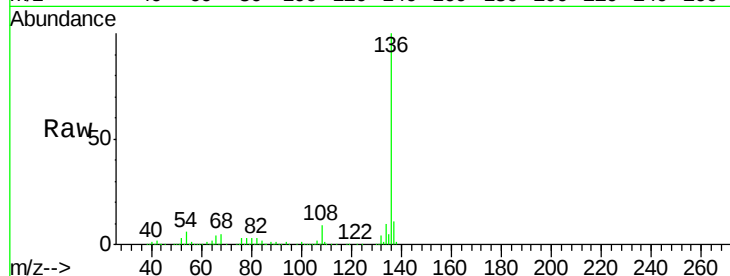




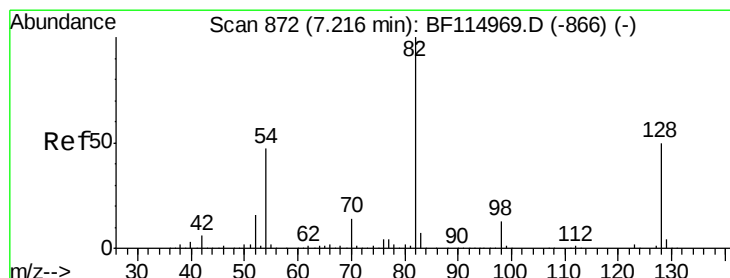
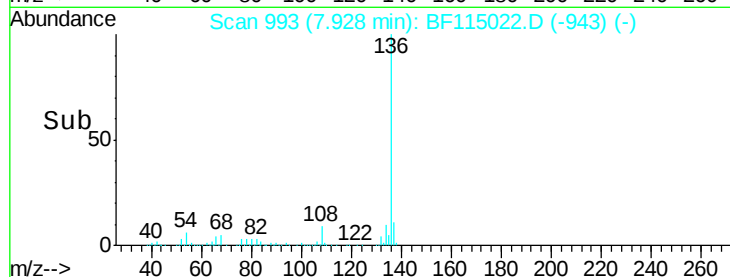
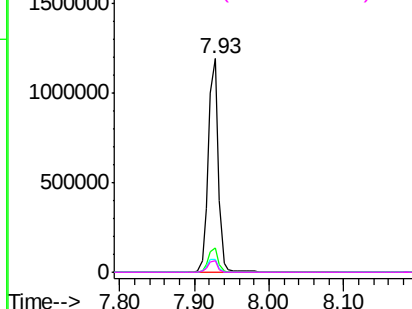
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115022.D
Acq: 14 Jun 2019 00:30

Instrument :
BNA_F
ClientSampleId :
FB_061219

Tgt Ion:	136	Resp:	1113036
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.2	5.4	8.0
68	5.4	4.6	7.0

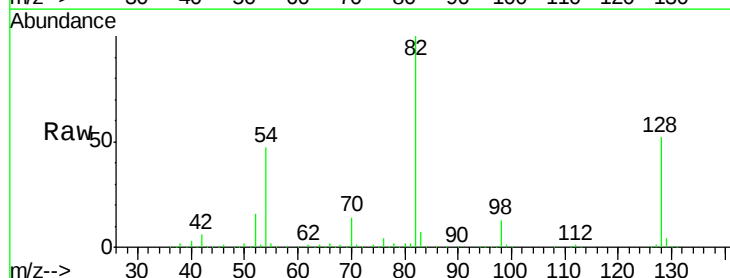


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

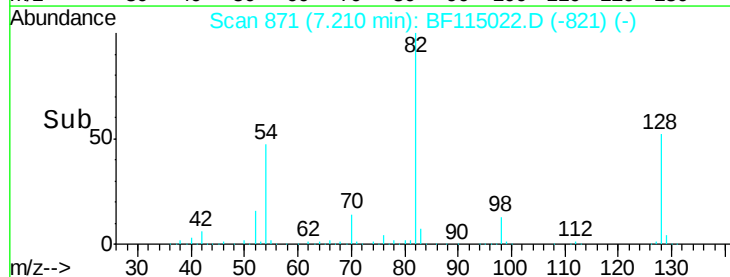
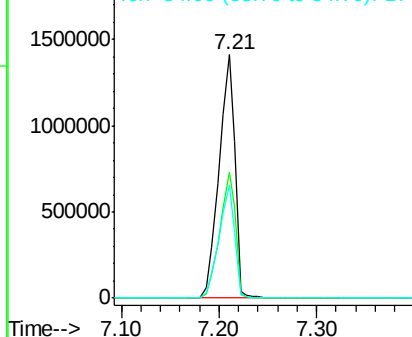


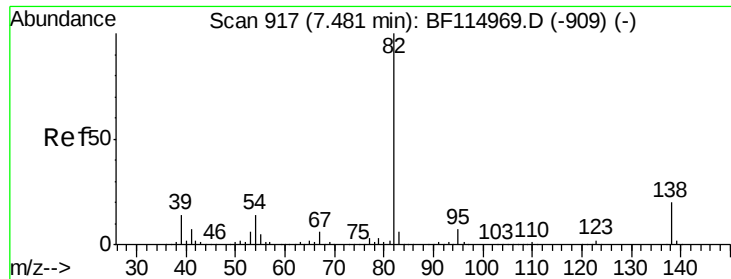
#23
Nitrobenzene-d5
Concen: 86.427 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115022.D
Acq: 14 Jun 2019 00:30

Tgt Ion:	82	Resp:	1598161
Ion	Ratio	Lower	Upper
82	100		
128	51.8	39.9	59.9
54	46.7	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

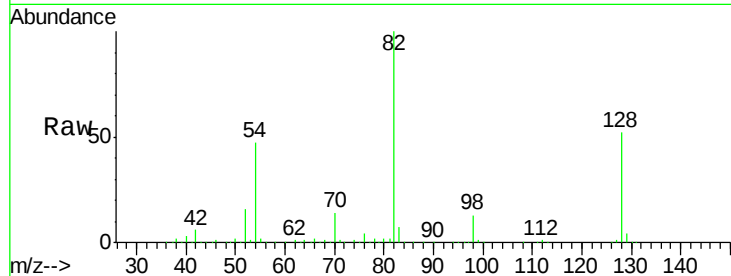




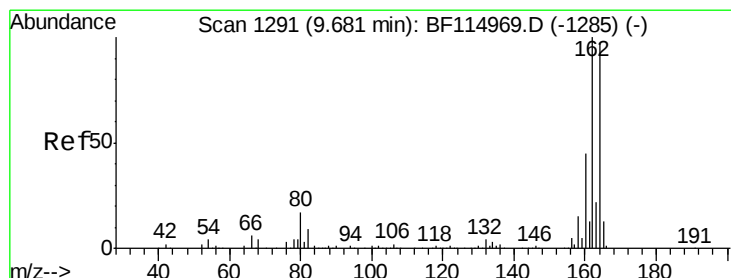
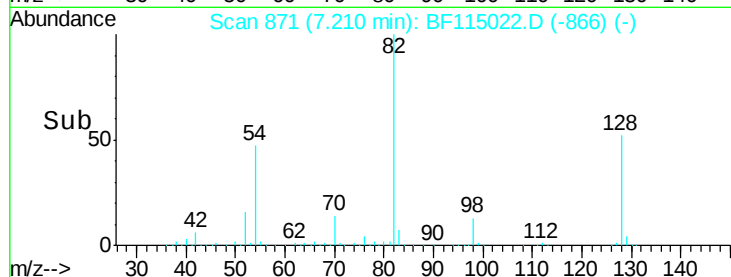
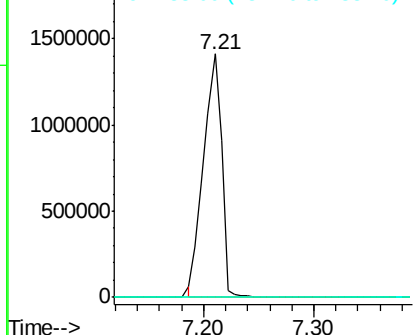
#25
Isophorone
Concen: 45.025 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF115022.D
Acq: 14 Jun 2019 00:30

Instrument :
BNA_F
ClientSampleId :
FB_061219

Tgt Ion: 82 Resp: 1559339
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.1 24.1#

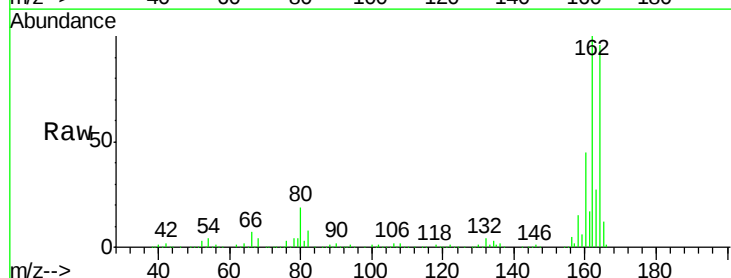


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

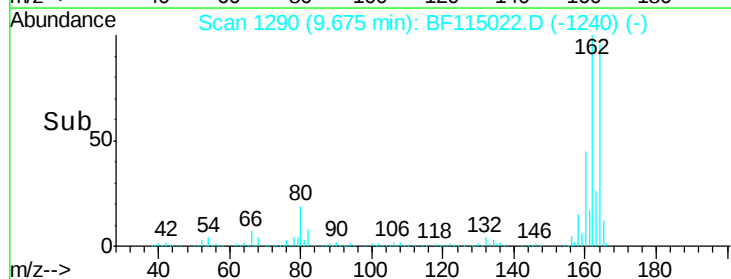
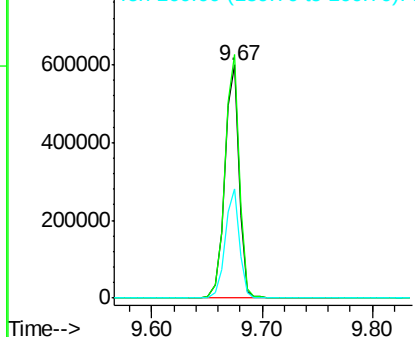


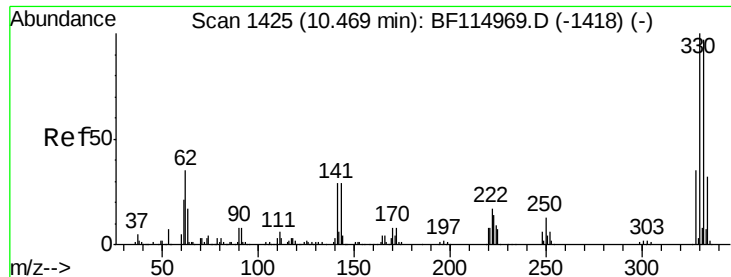
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115022.D
Acq: 14 Jun 2019 00:30

Tgt Ion: 164 Resp: 546014
Ion Ratio Lower Upper
164 100
162 104.4 82.6 124.0
160 47.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

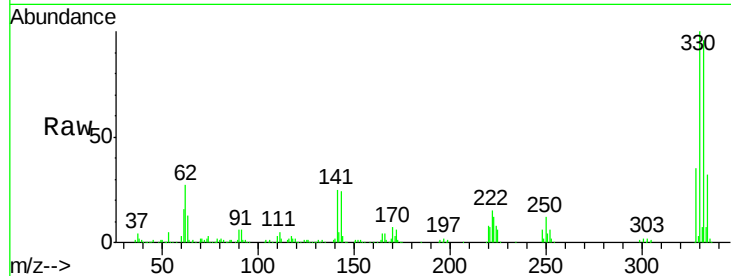




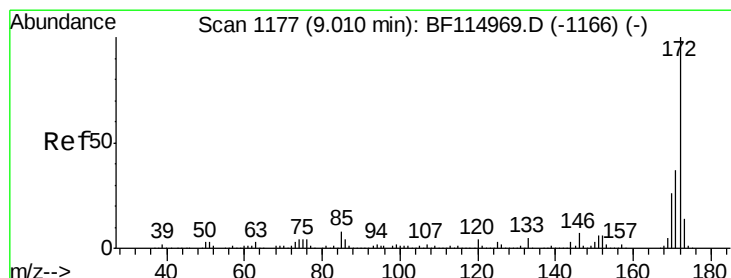
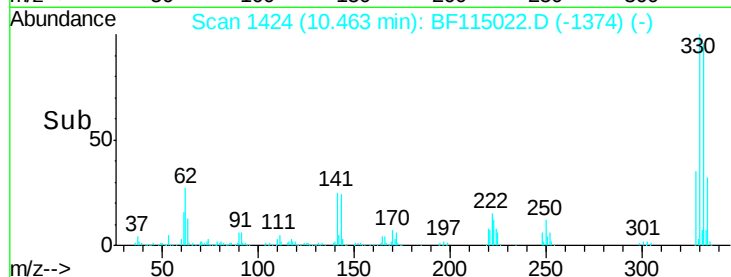
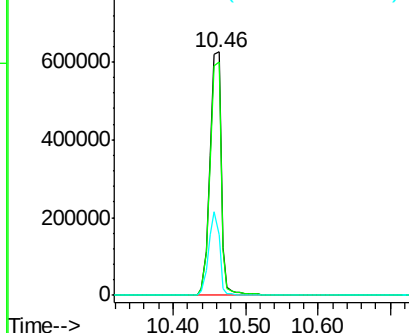
#42
 2,4,6-Tribromophenol
 Concen: 117.233 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115022.D
 Acq: 14 Jun 2019 00:30

Instrument :
 BNA_F
 ClientSampleId :
 FB_061219

Tgt Ion:330 Resp: 685469
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.6 116.4
 141 33.2 27.2 40.8

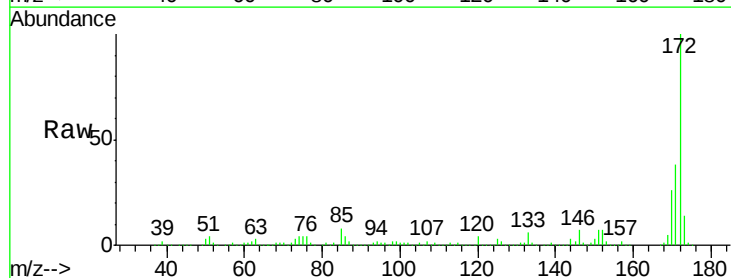


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

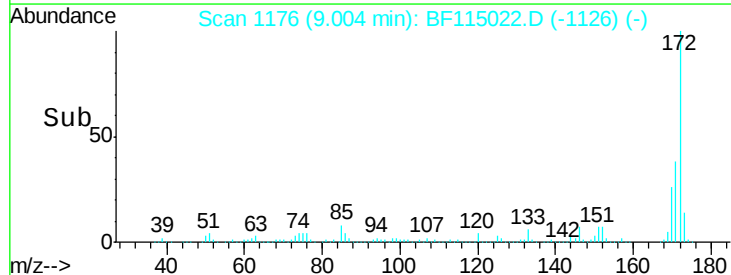
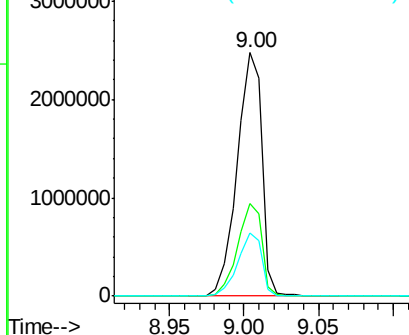


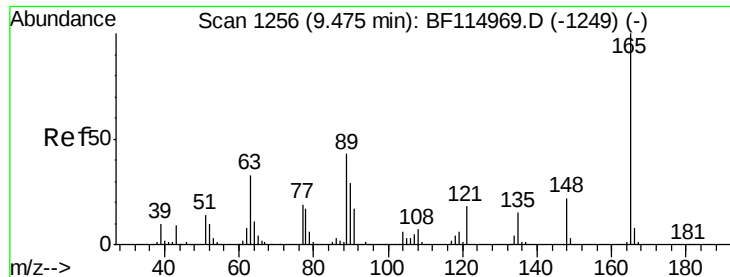
#45
 2-Fluorobiphenyl
 Concen: 89.335 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115022.D
 Acq: 14 Jun 2019 00:30

Tgt Ion:172 Resp: 2878058
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.8 44.6
 170 25.9 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





#51

2,6-Dinitrotoluene

Concen: 7.495 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.20 min

Lab File: BF115022.D

Acq: 14 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

FB_061219

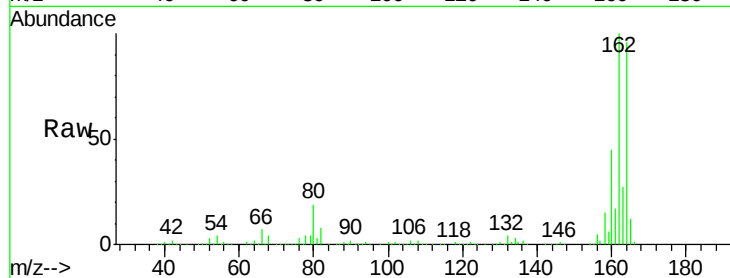
Tgt Ion:165 Resp: 69816

Ion Ratio Lower Upper

165 100

63 1.1 30.6 46.0#

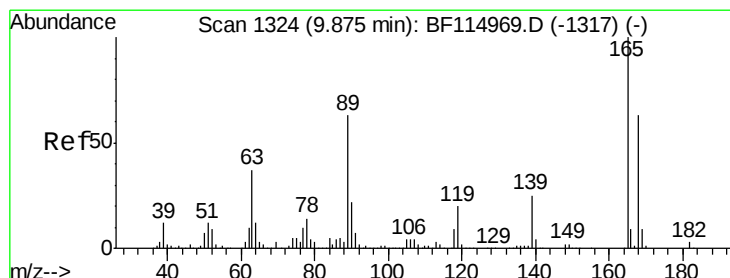
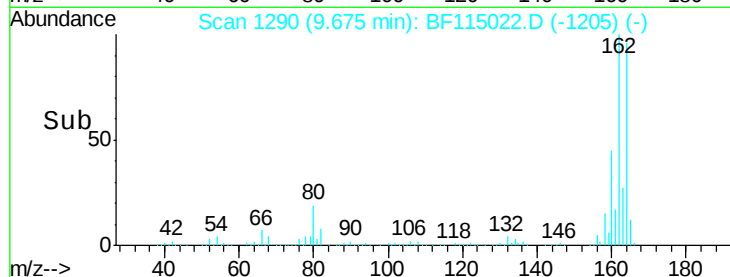
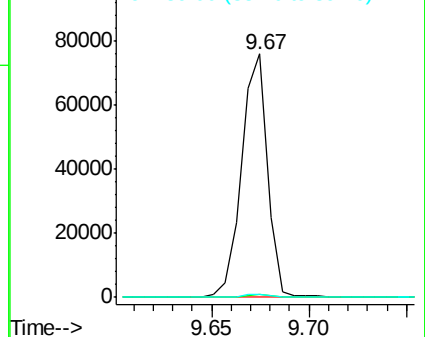
89 1.4 34.4 51.6#



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: 5.889 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.20 min

Lab File: BF115022.D

Acq: 14 Jun 2019 00:30

Tgt Ion:165 Resp: 69816

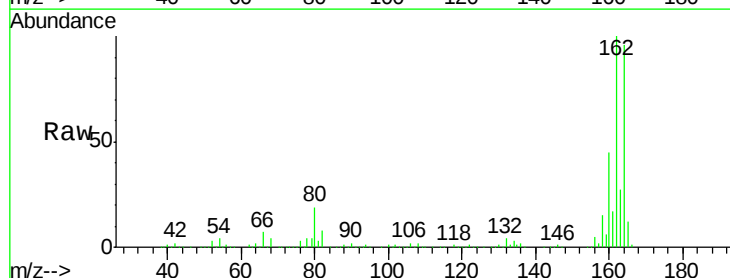
Ion Ratio Lower Upper

165 100

63 1.1 29.4 44.2#

89 1.4 50.6 75.8#

182 0.0 2.2 3.2#

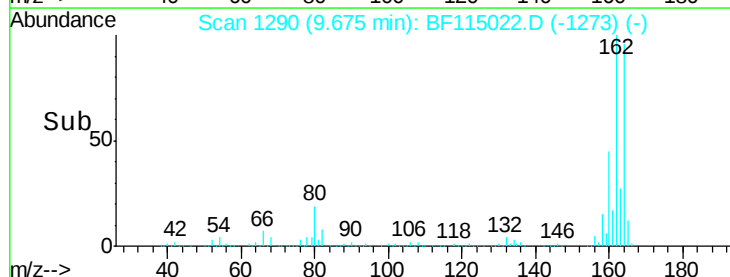
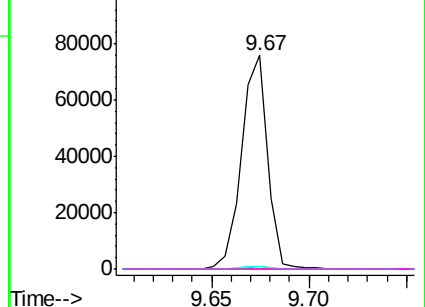


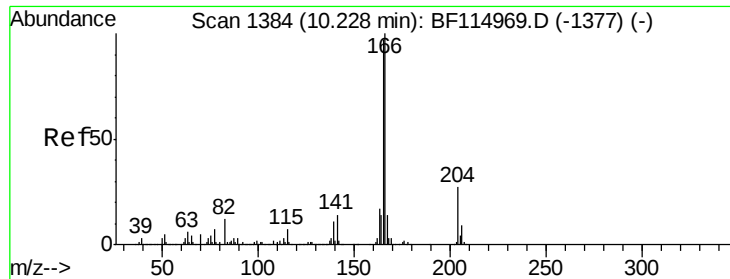
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF115022.D

Acq: 14 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

FB_061219

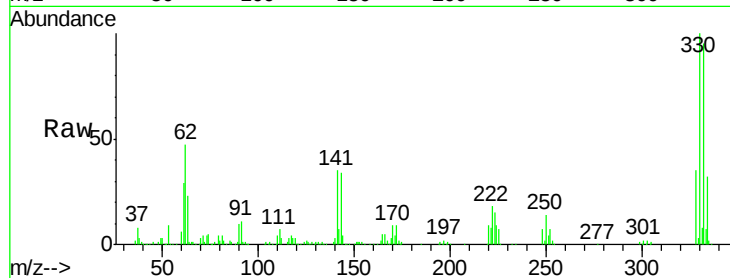
Tgt Ion:166 Resp: 30635

Ion Ratio Lower Upper

166 100

165 103.8 77.6 116.4

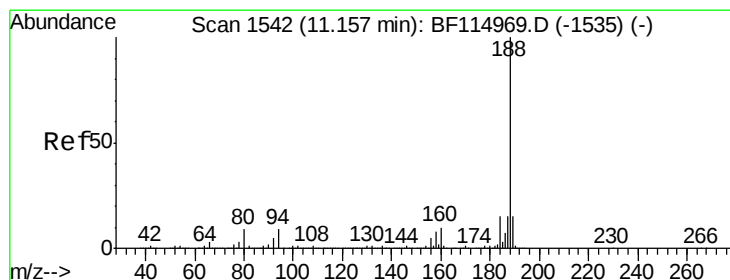
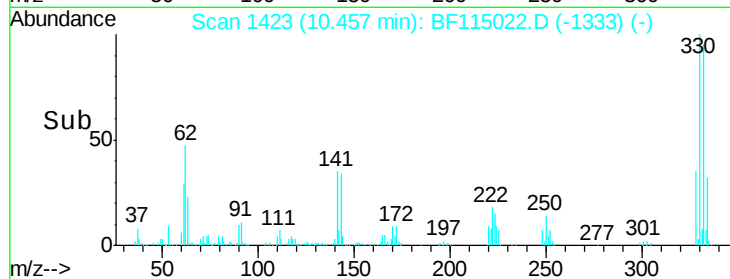
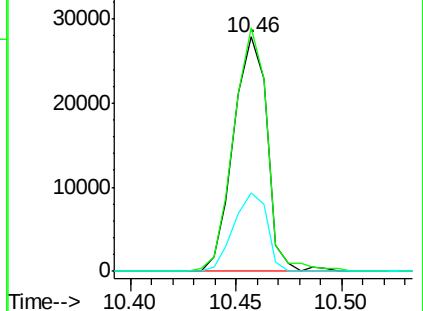
167 33.6 11.0 16.4#



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: BF115022.D

Acq: 14 Jun 2019 00:30

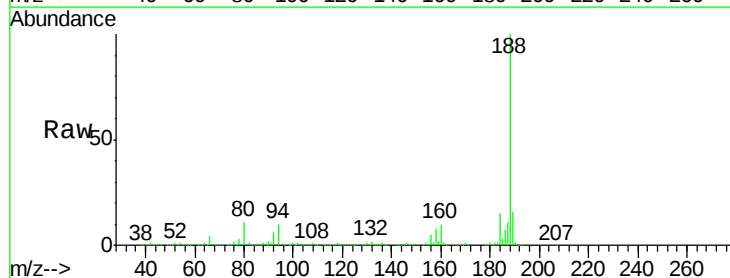
Tgt Ion:188 Resp: 1025026

Ion Ratio Lower Upper

188 100

94 10.5 7.2 10.8

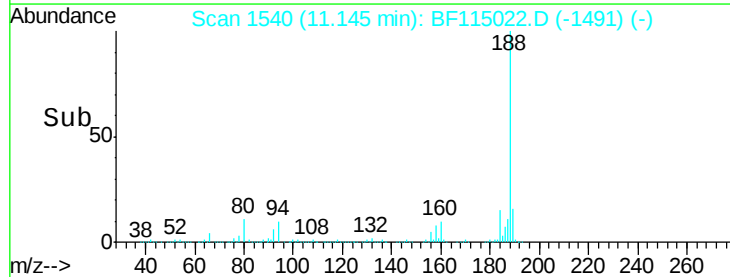
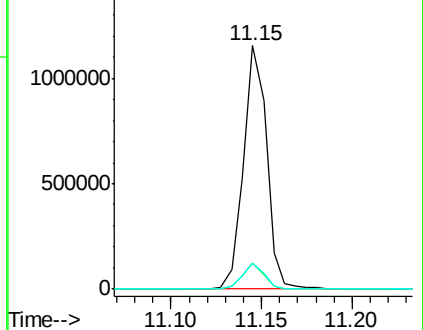
80 10.6 7.4 11.2

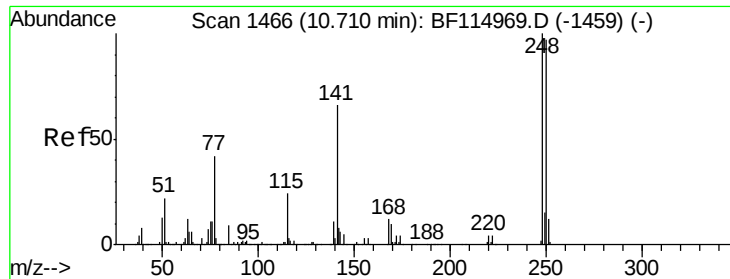


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

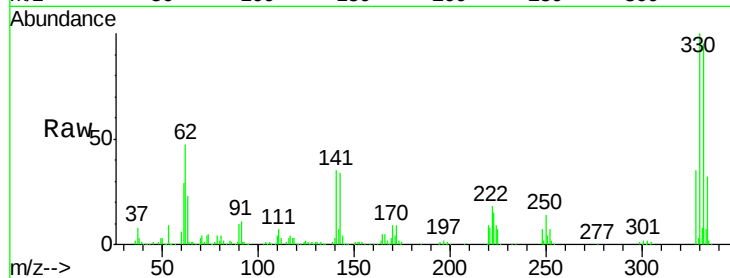




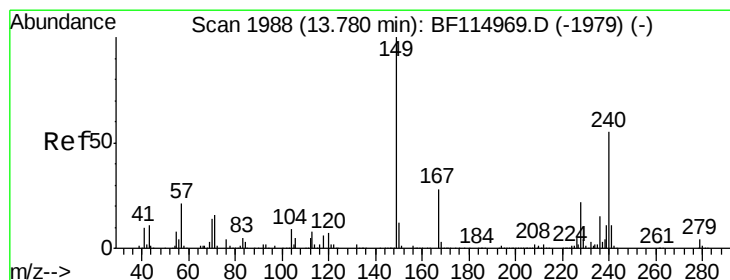
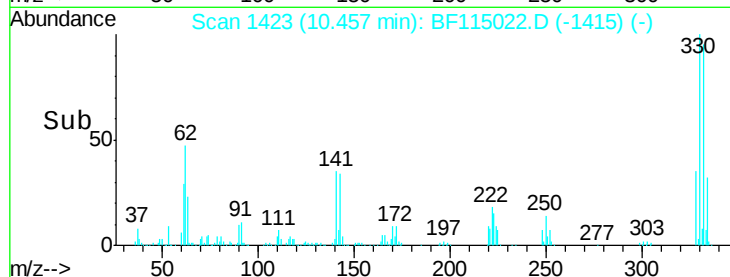
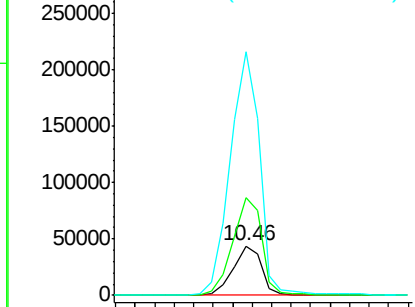
#67
4-Bromophenyl-phenylether
Concen: 4.039 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115022.D
Acq: 14 Jun 2019 00:30

Instrument :
BNA_F
ClientSampleId :
FB_061219

Tgt Ion:248 Resp: 44454
Ion Ratio Lower Upper
248 100
250 198.5 77.8 116.8#
141 494.7 53.1 79.7#

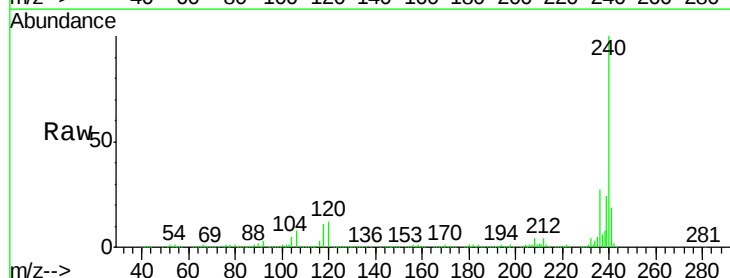


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

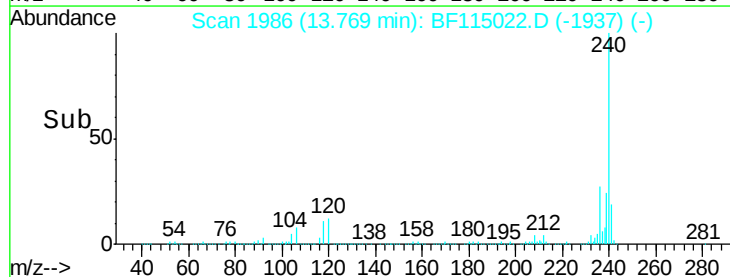
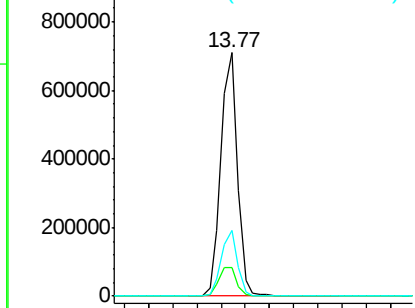


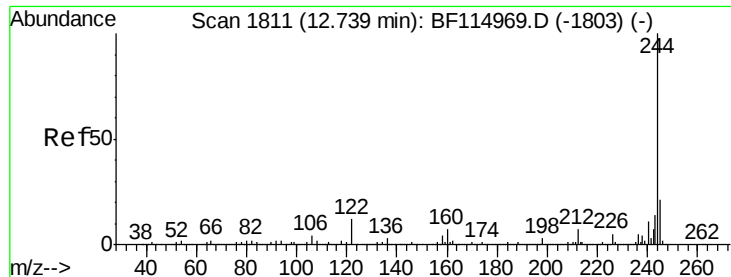
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115022.D
Acq: 14 Jun 2019 00:30

Tgt Ion:240 Resp: 672314
Ion Ratio Lower Upper
240 100
120 11.9 10.0 15.0
236 26.8 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: 83.848 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115022.D

Acq: 14 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

FB_061219

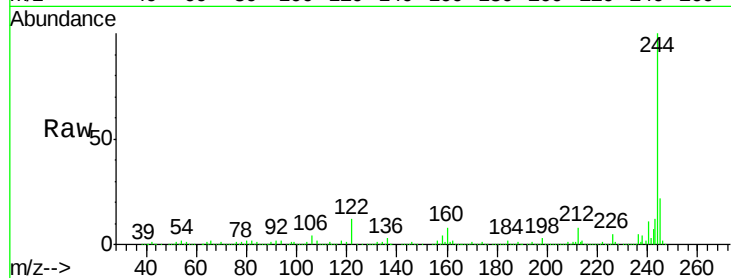
Tgt Ion:244 Resp: 2997126

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

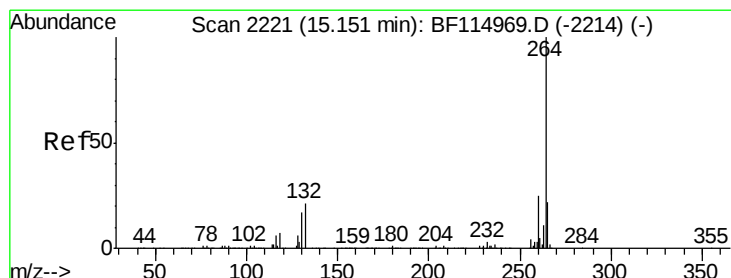
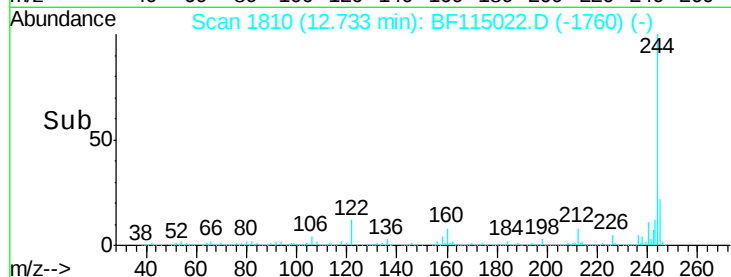
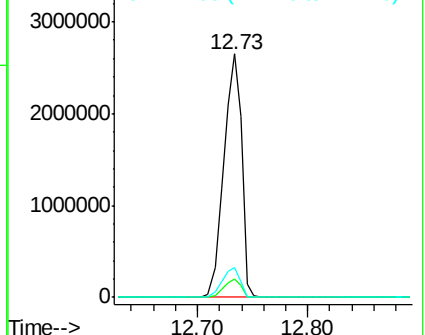
122 12.5 9.4 14.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF115022.D

Acq: 14 Jun 2019 00:30

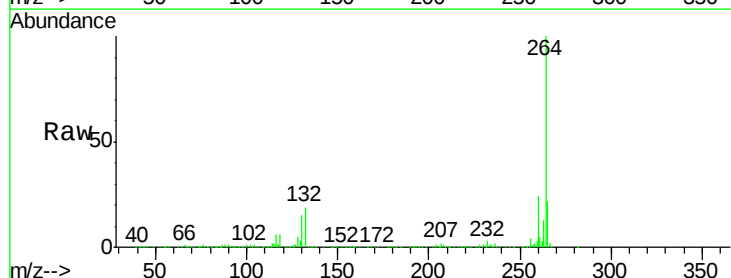
Tgt Ion:264 Resp: 617772

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 21.8 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

