

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115046.D
 Acq On : 14 Jun 2019 18:12
 Operator : HP/JU
 Sample : K3294-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:51:41 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

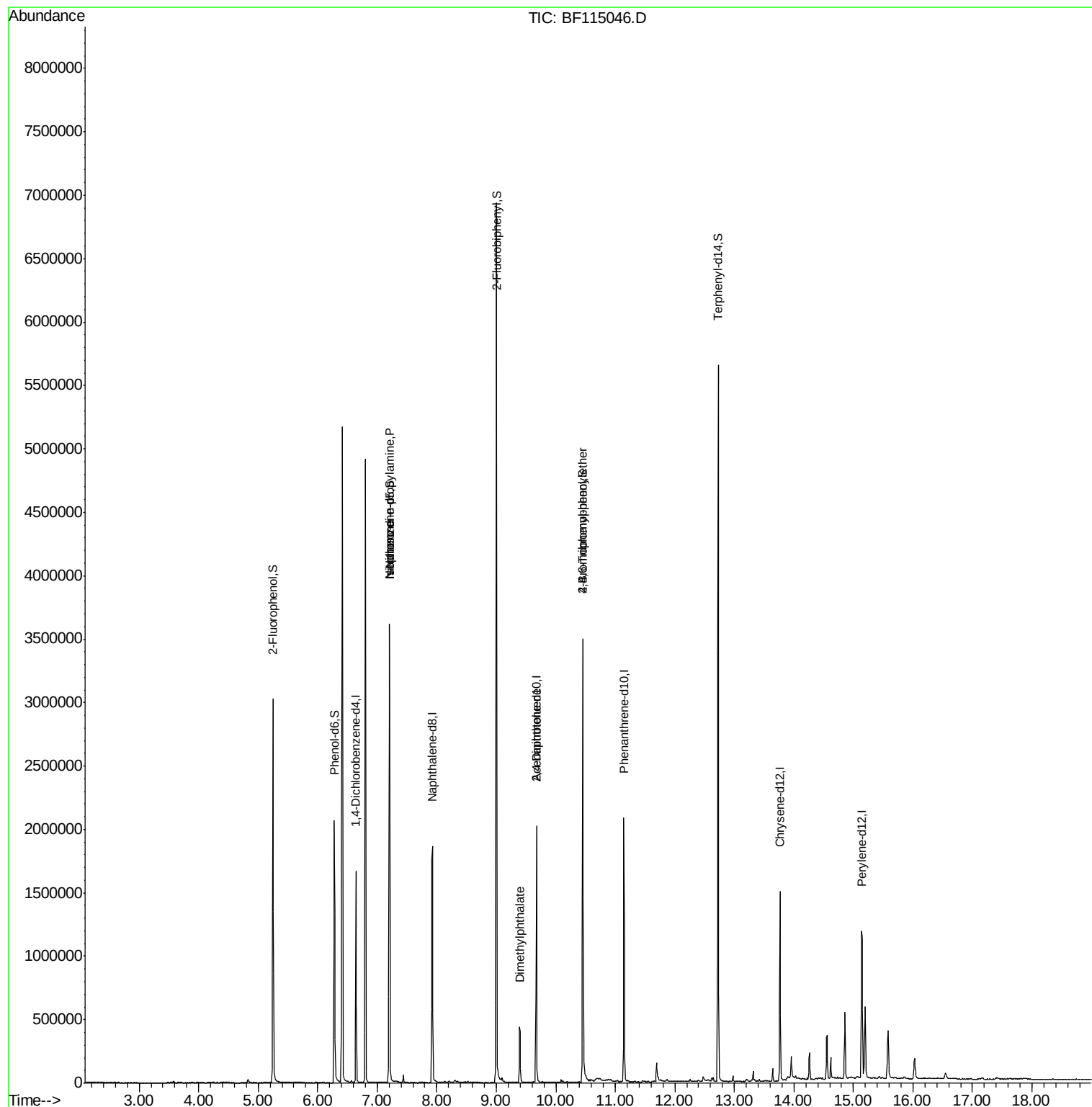
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	256171	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	947171	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	430045	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	751362	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	533912	20.00	ng	-0.01
87) Perylene-d12	15.14	264	530573	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	908310	59.21	ng	0.00
7) Phenol-d6	6.28	99	725871	39.22	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1266336	80.47	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	467318	101.48	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2277981	89.78	ng	0.00
79) Terphenyl-d14	12.73	244	2074571	73.08	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.29	77	1303	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	166576	14.815	ng	# 77
25) Isophorone	7.21	82	1237469	41.988	ng	# 62
50) Dimethylphthalate	9.39	163	202144	6.250	ng	98
57) 2,4-Dinitrotoluene	9.67	165	54749	5.863	ng	# 29
58) Fluorene	10.46	166	21481	Below Cal	#	85
67) 4-Bromophenyl-phenylether	10.46	248	29846	3.700	ng	# 1

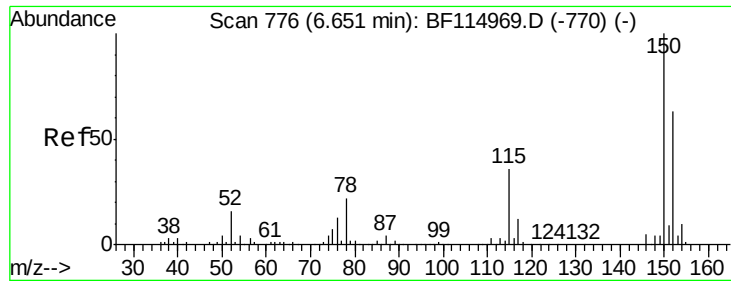
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



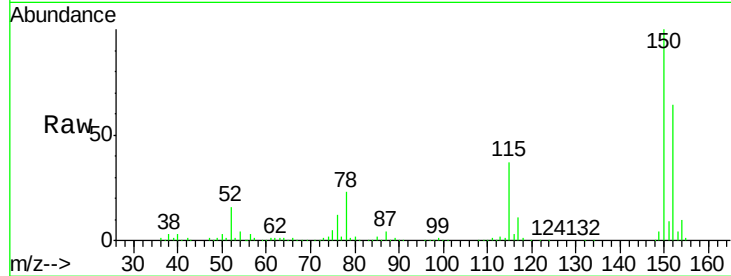


#1

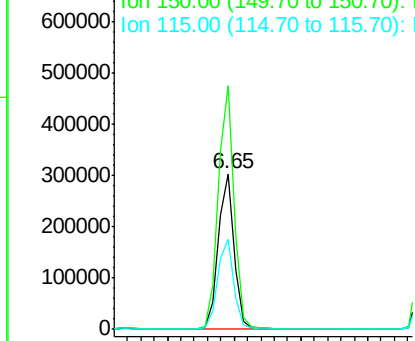
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115046.D
Acq: 14 Jun 2019 18:12

Instrument :
BNA_F
ClientSampleId :

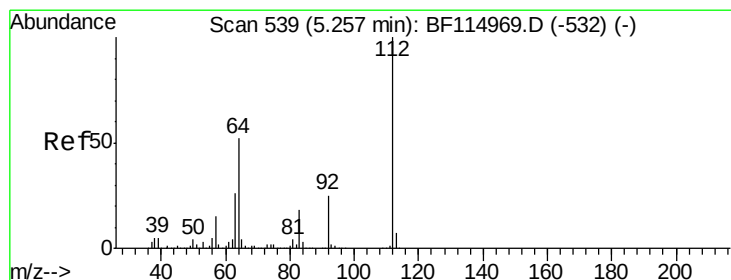
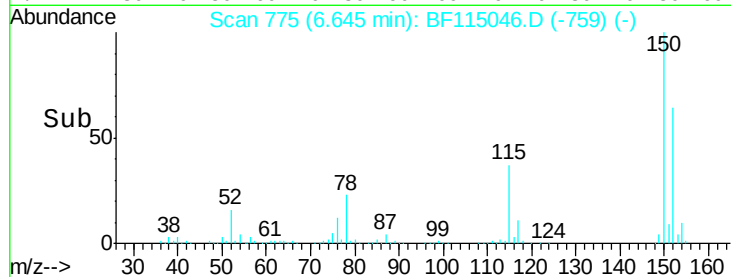
Tot Ion:152 Resp: 256171
Ion Ratio Lower Upper
152 100
150 156.3 127.4 191.0
115 57.7 46.0 69.0



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



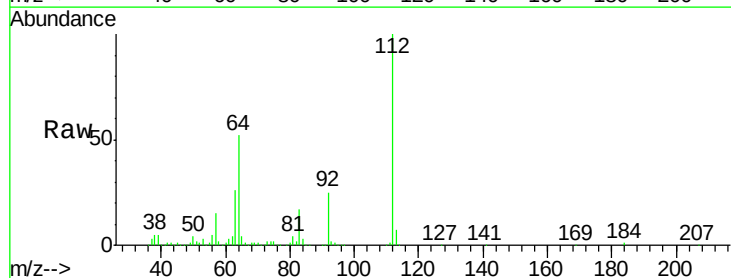
Time-->



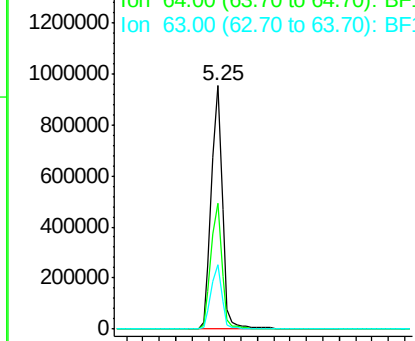
#5

2-Fluorophenol
Concen: 59.206 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115046.D
Acq: 14 Jun 2019 18:12

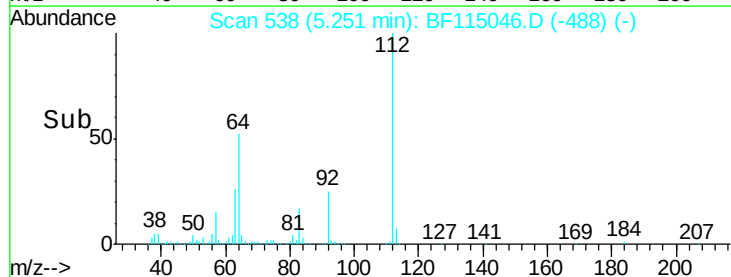
Tgt Ion:112 Resp: 908310
Ion Ratio Lower Upper
112 100
64 51.6 41.6 62.4
63 26.5 20.9 31.3

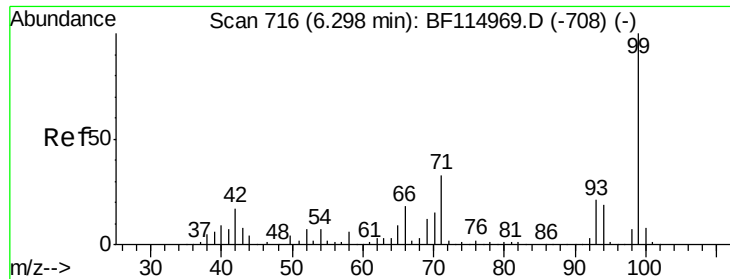


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 39.223 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115046.D

Acq: 14 Jun 2019 18:12

Instrument :

BNA_F

ClientSampleId :

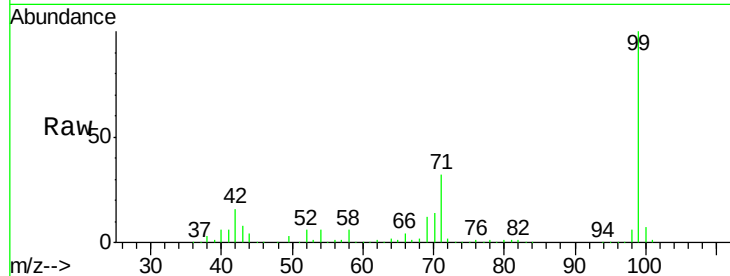
Tot Ion: 99 Resp: 725871

Ion Ratio Lower Upper

99 100

42 15.8 13.4 20.2

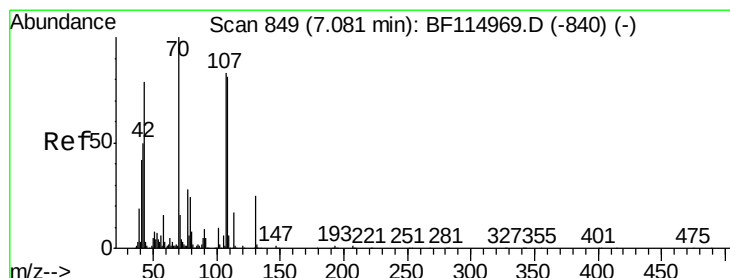
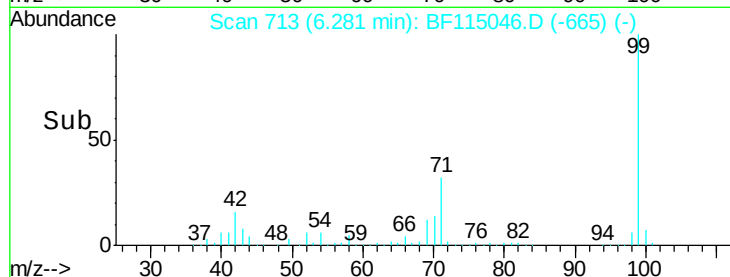
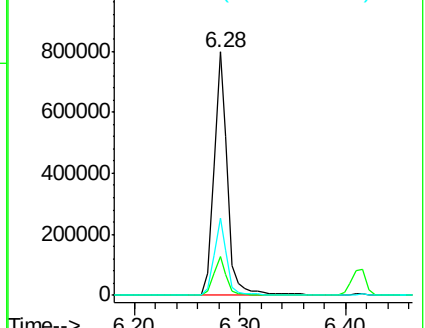
71 31.9 26.4 39.6



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: 14.815 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115046.D

Acq: 14 Jun 2019 18:12

Tgt Ion: 70 Resp: 166576

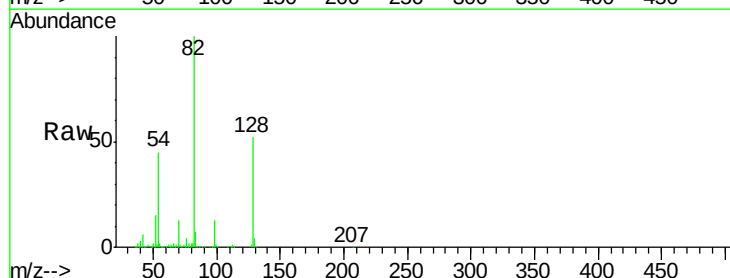
Ion Ratio Lower Upper

70 100

42 43.5 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#

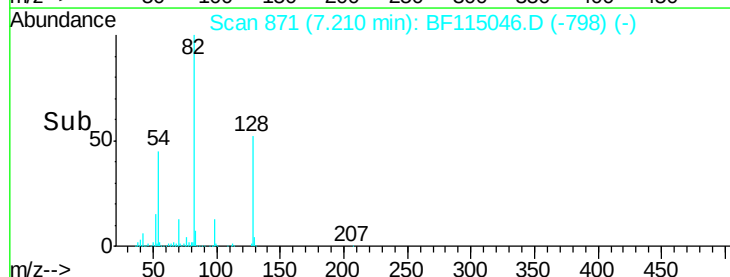
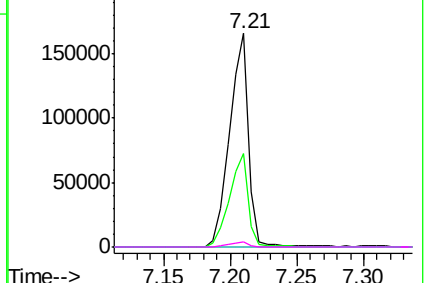


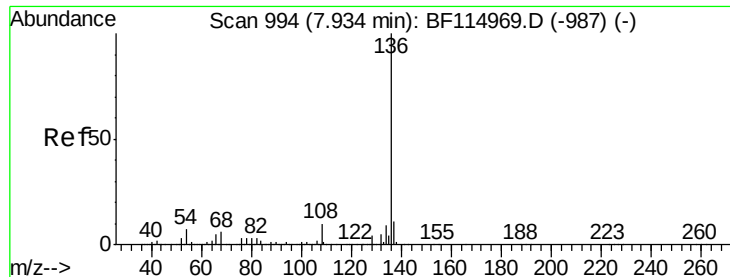
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

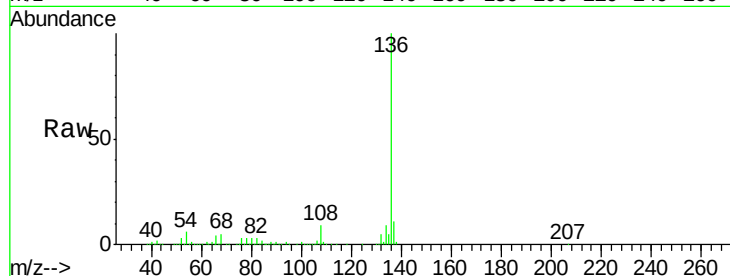




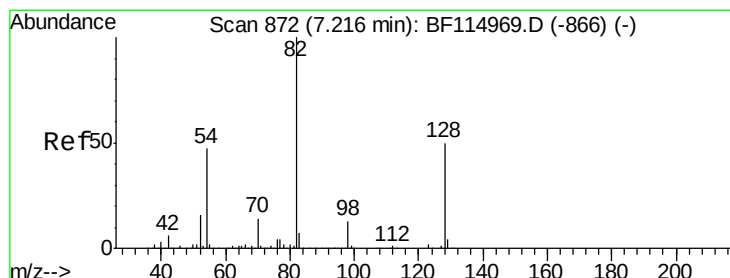
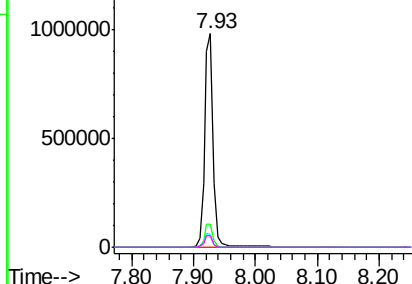
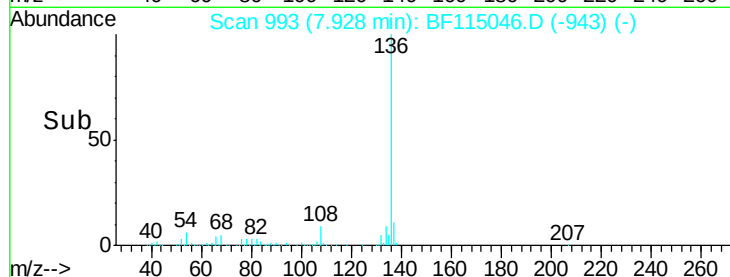
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115046.D
Acq: 14 Jun 2019 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	947171
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	6.1	5.4 8.0
68	5.3	4.6 7.0

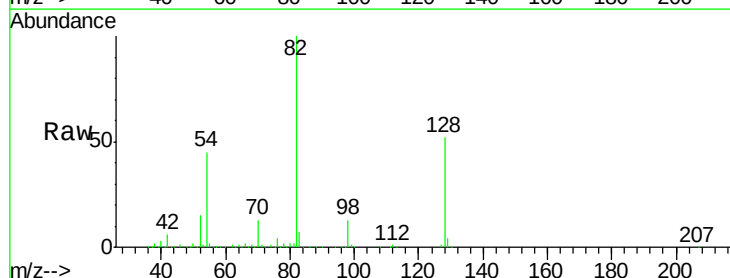


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

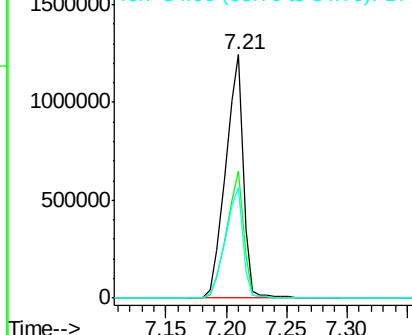
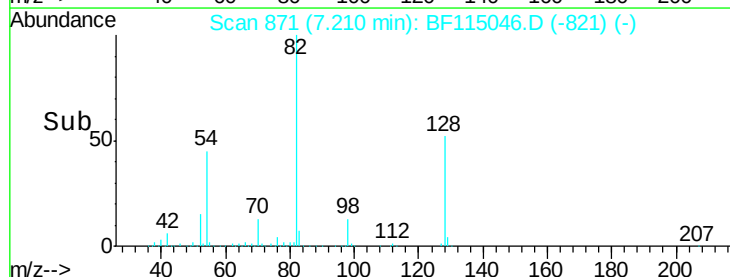


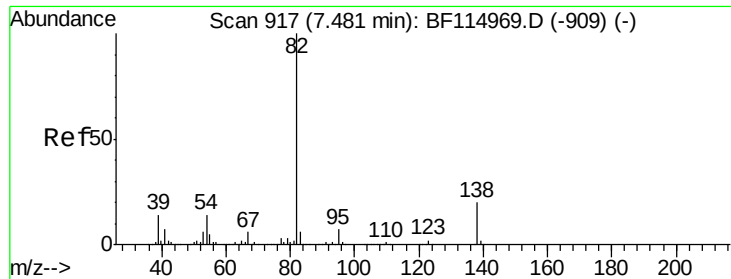
#23
Nitrobenzene-d5
Concen: 80.475 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115046.D
Acq: 14 Jun 2019 18:12

Tgt Ion: 82	Resp:	1266336
Ion Ratio	Lower	Upper
82	100	
128	52.0	39.9 59.9
54	45.3	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: 41.988 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115046.D

Acq: 14 Jun 2019 18:12

Instrument :

BNA_F

ClientSampleId :

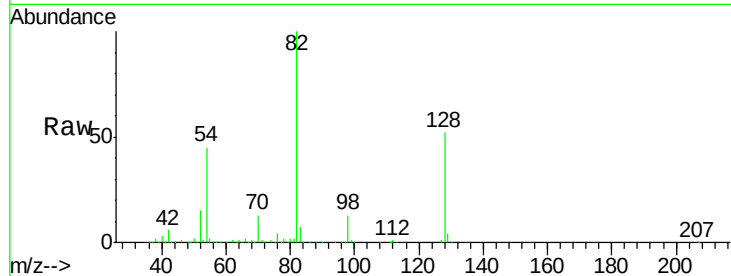
Tot Ion: 82 Resp: 1237469

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

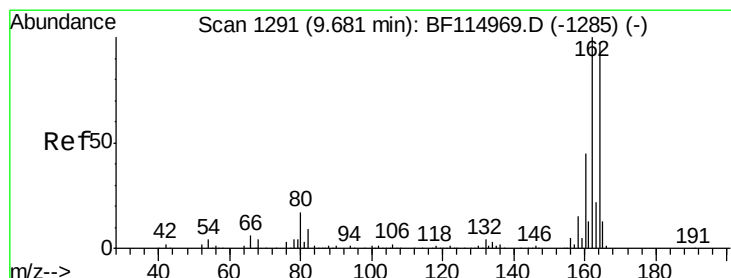
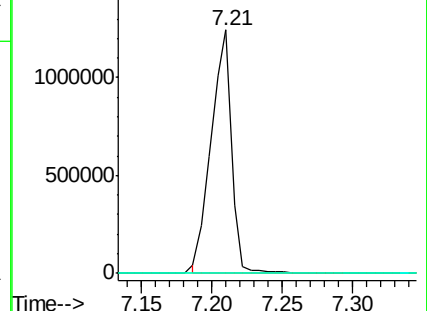
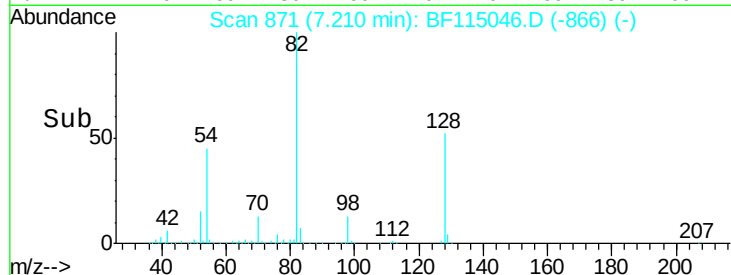
138 0.0 16.1 24.1#



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: BF115046.D

Acq: 14 Jun 2019 18:12

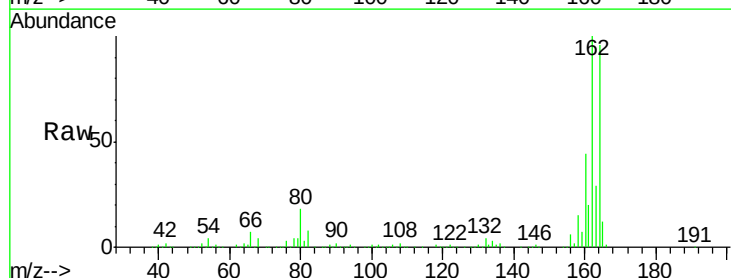
Tgt Ion:164 Resp: 430045

Ion Ratio Lower Upper

164 100

162 104.6 82.6 124.0

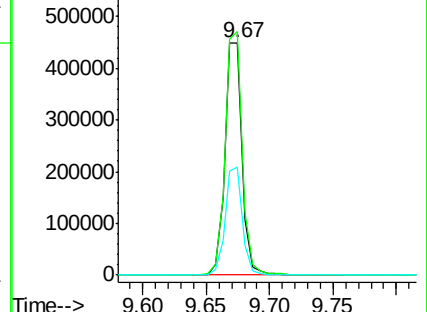
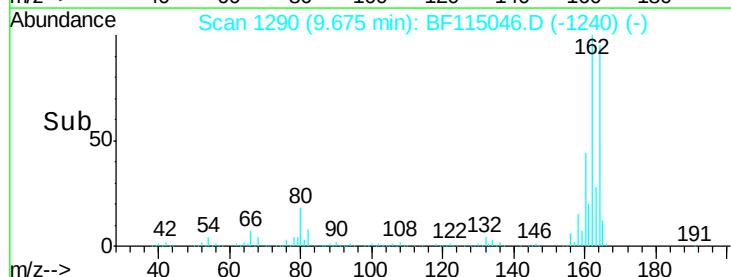
160 46.3 36.9 55.3

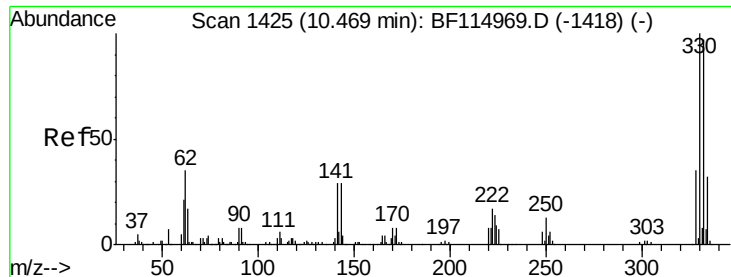


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 101.476 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115046.D

Acq: 14 Jun 2019 18:12

Instrument :

BNA_F

ClientSampleId :

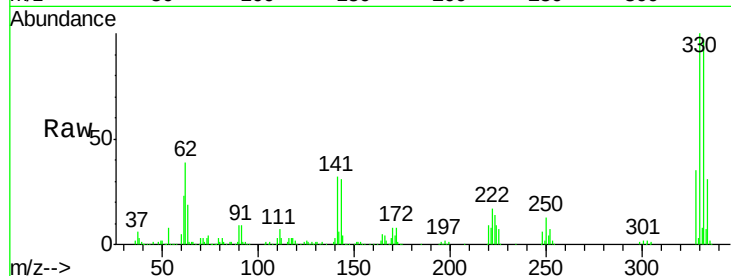
Tot Ion:330 Resp: 467318

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

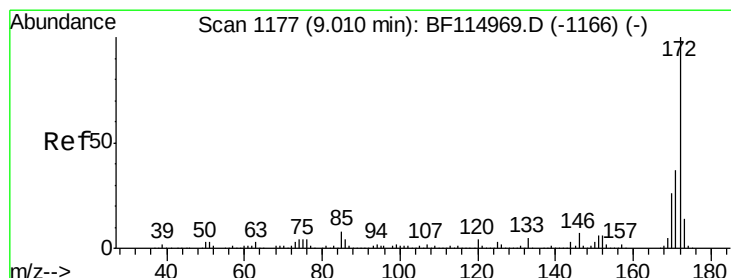
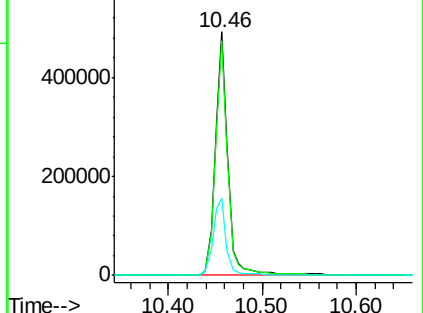
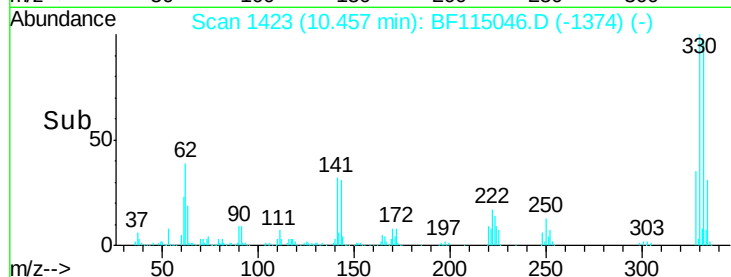
141 33.3 27.2 40.8



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: 89.777 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115046.D

Acq: 14 Jun 2019 18:12

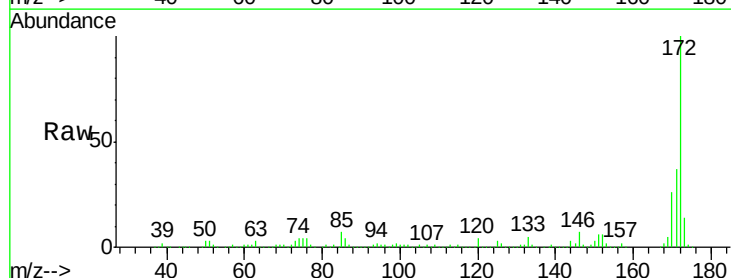
Tgt Ion:172 Resp: 2277981

Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.6

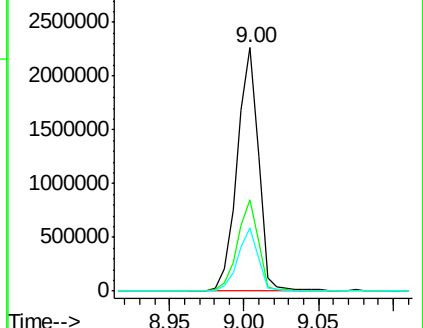
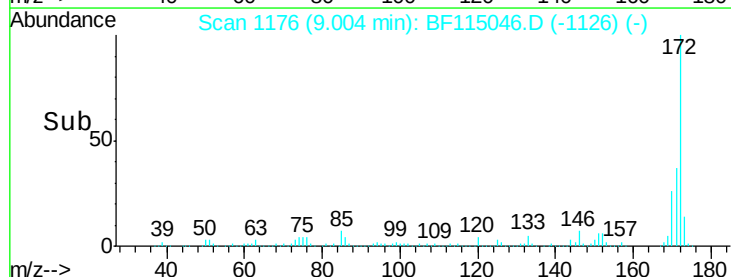
170 25.7 20.6 31.0

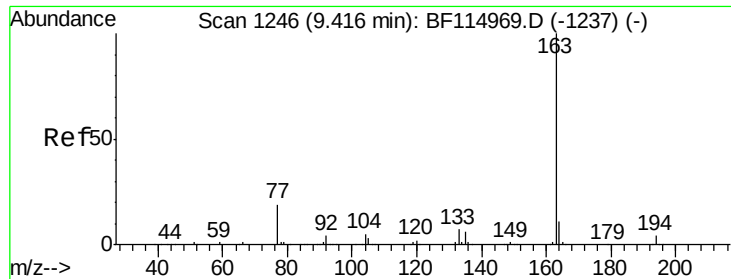


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

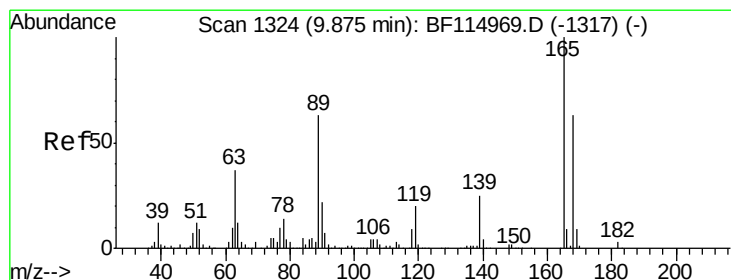
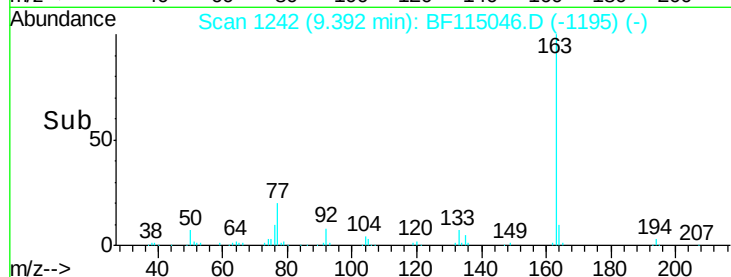
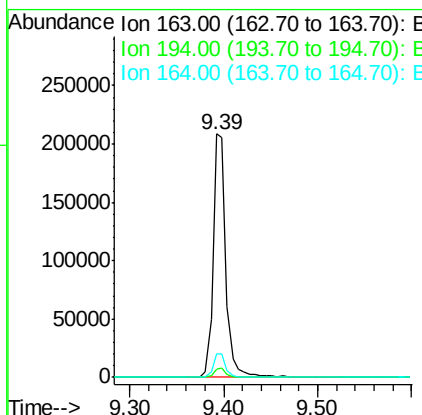
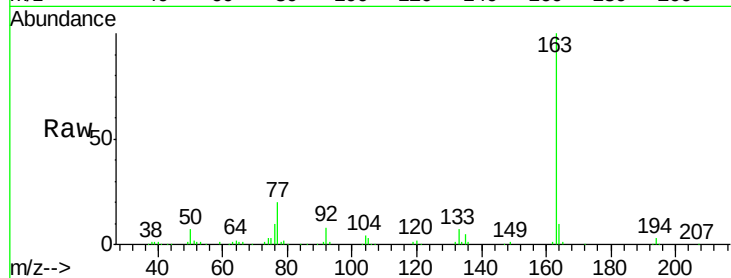




#50
 Dimethylphthalate
 Concen: 6.250 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BF115046.D
 Acq: 14 Jun 2019 18:12

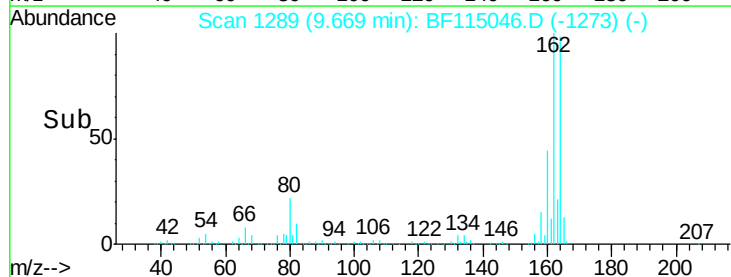
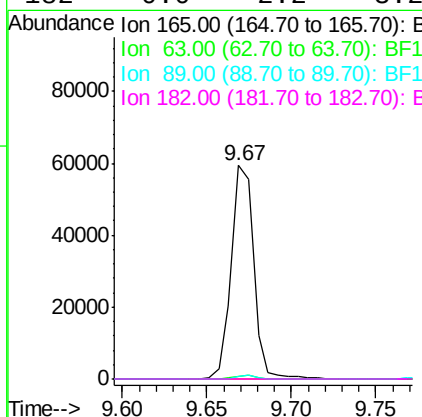
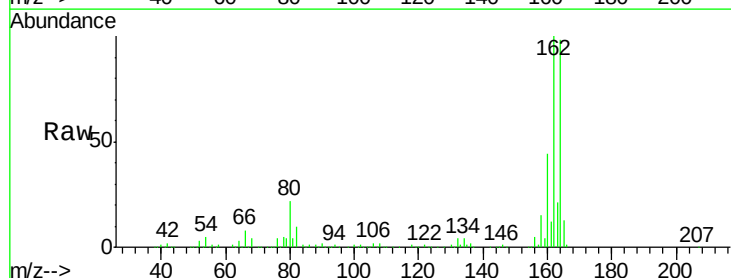
Instrument :
 BNA_F
 ClientSampleId :

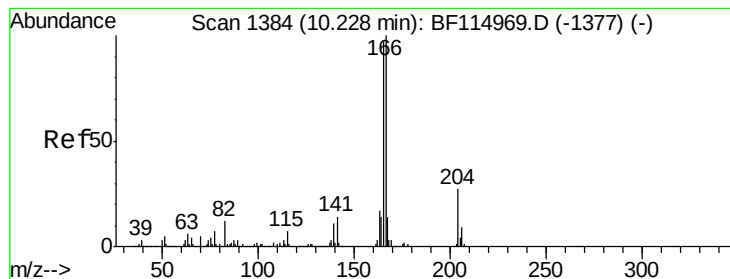
Tot Ion	163	Resp: Lower	202144 Upper
163	100		
194	3.4	3.3	4.9
164	9.9	8.6	12.8



#57
 2,4-Dinitrotoluene
 Concen: 5.863 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.21 min
 Lab File: BF115046.D
 Acq: 14 Jun 2019 18:12

Tgt	Ion:165	Resp:	54749
Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.4	44.2#
89	1.2	50.6	75.8#
182	0.0	2.2	3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.46 min Scan# 1423

Delta R.T. 0.23 min

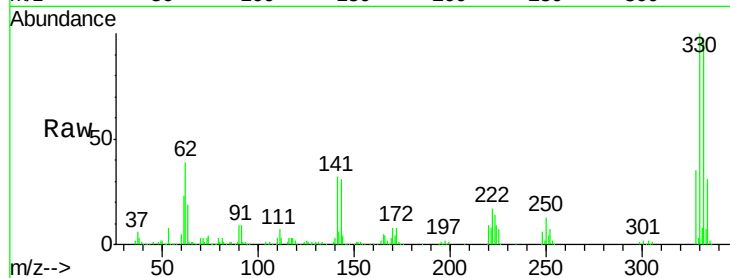
Lab File: BF115046.D

Acq: 14 Jun 2019 18:12

Instrument :

BNA_F

ClientSampleId :



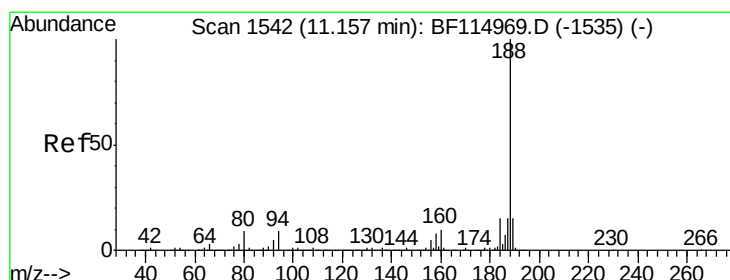
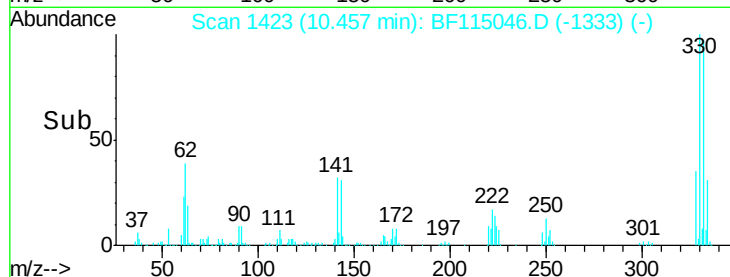
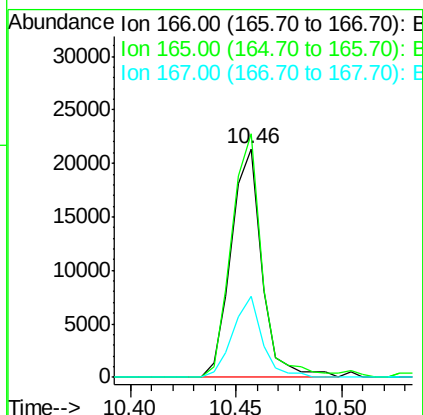
Tot Ion:166 Resp: 21481

Ion Ratio Lower Upper

166 100

165 106.6 77.6 116.4

167 35.5 11.0 16.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115046.D

Acq: 14 Jun 2019 18:12

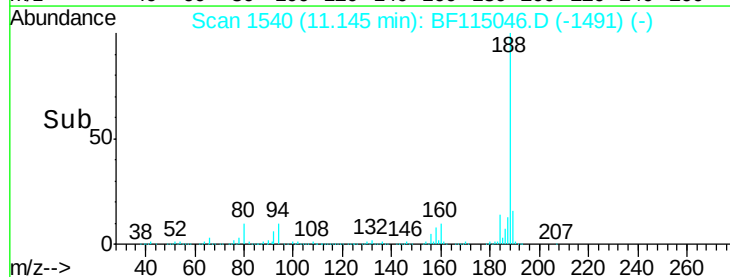
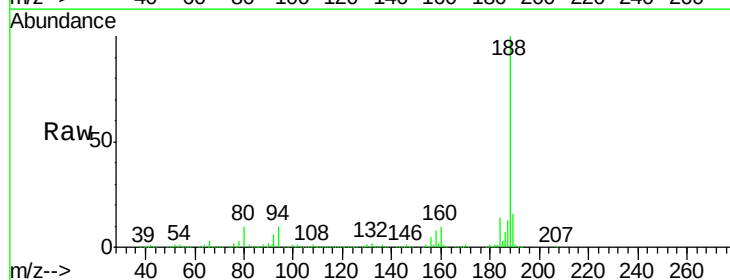
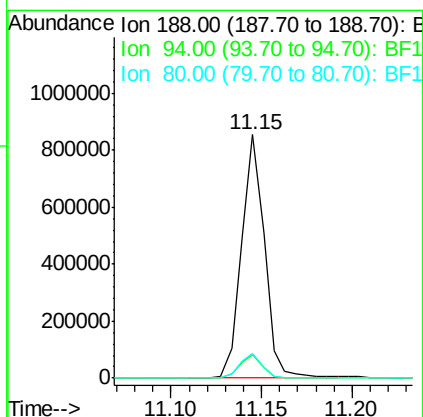
Tgt Ion:188 Resp: 751362

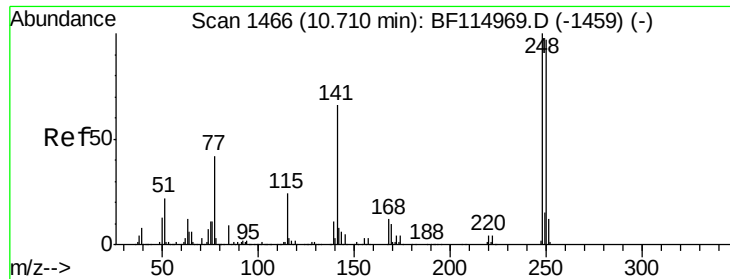
Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

80 10.2 7.4 11.2

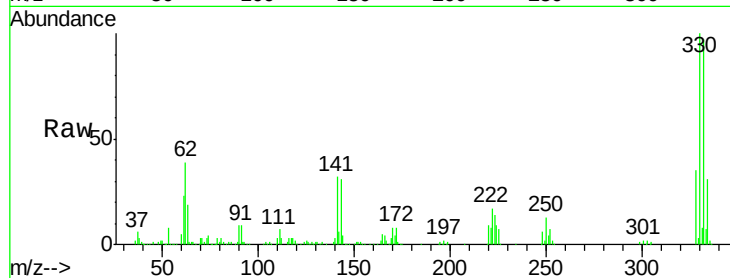




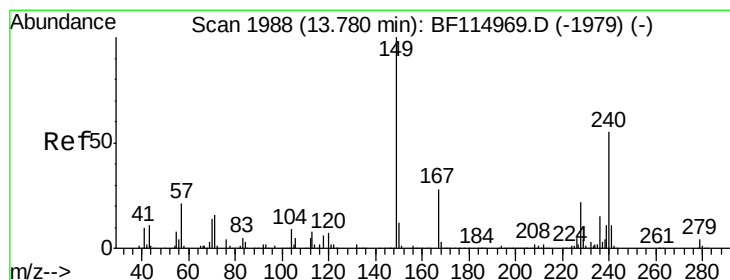
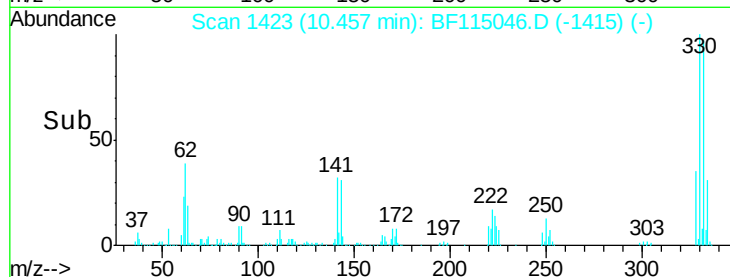
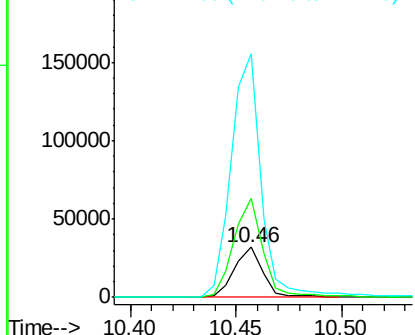
#67
4-Bromophenyl-phenylether
Concen: 3.700 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115046.D
Acq: 14 Jun 2019 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 29846
Ion Ratio Lower Upper
248 100
250 198.9 77.8 116.8#
141 489.0 53.1 79.7#

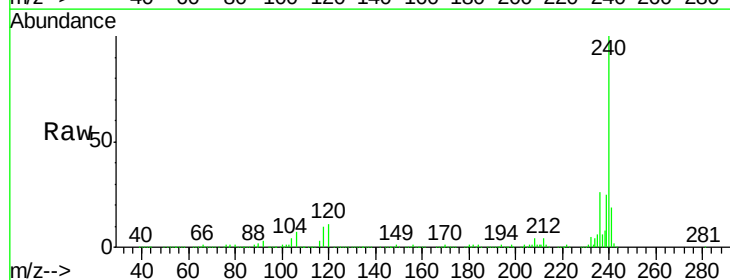


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

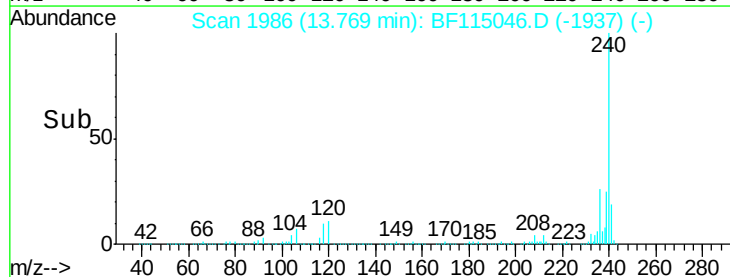
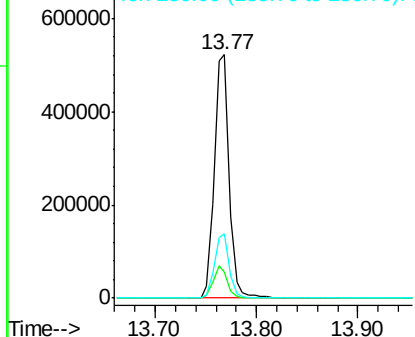


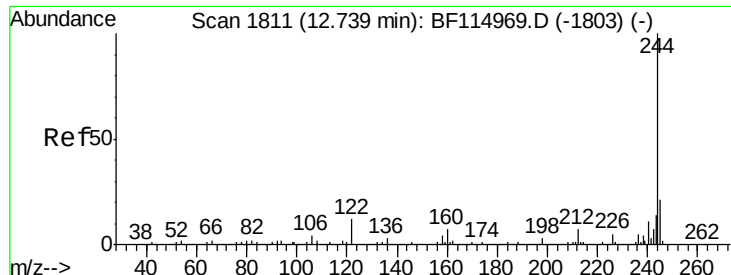
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115046.D
Acq: 14 Jun 2019 18:12

Tgt Ion:240 Resp: 533912
Ion Ratio Lower Upper
240 100
120 10.9 10.0 15.0
236 26.4 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: 73.083 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115046.D

Acq: 14 Jun 2019 18:12

Instrument :

BNA_F

ClientSampleId :

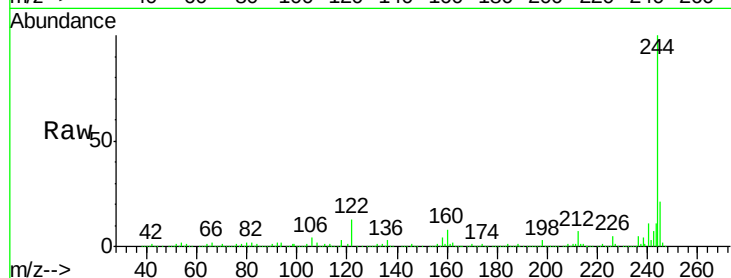
Tot Ion:244 Resp: 2074571

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

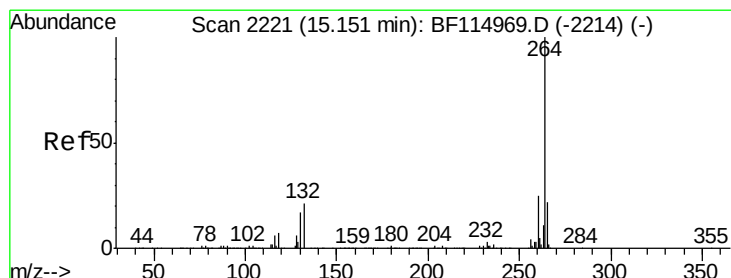
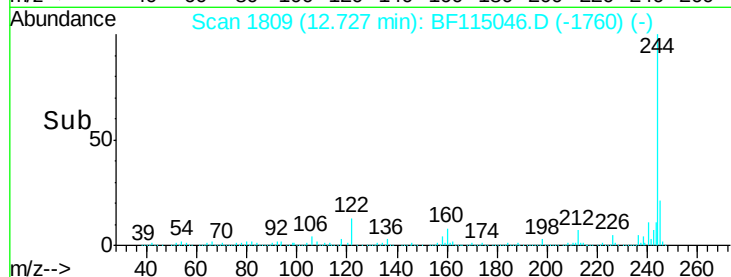
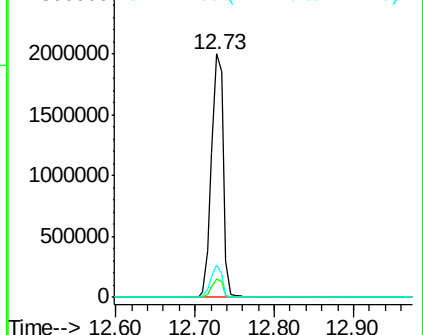
122 13.2 9.4 14.0



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# 2219

Delta R.T. -0.01 min

Lab File: BF115046.D

Acq: 14 Jun 2019 18:12

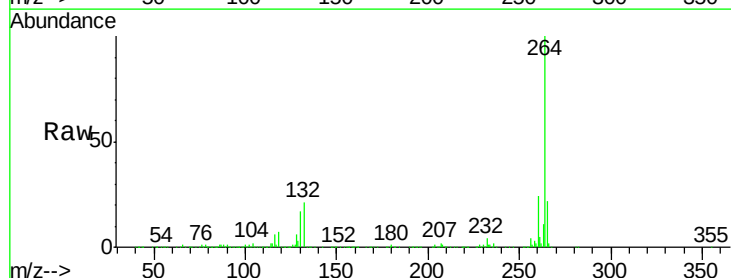
Tgt Ion:264 Resp: 530573

Ion Ratio Lower Upper

264 100

260 23.7 19.9 29.9

265 21.6 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

