

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115030.D
 Acq On : 14 Jun 2019 10:57
 Operator : HP/JU
 Sample : PB120585BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 15:39:42 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	286063	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1130867	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	555541	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1142296	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	913828	20.00	ng	-0.01
87) Perylene-d12	15.14	264	933489	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1776579	103.70	ng	0.00
7) Phenol-d6	6.29	99	2217161	107.29	ng	0.00
23) Nitrobenzene-d5	7.21	82	1327226	70.64	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	641272	107.79	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2535066	77.34	ng	0.00
79) Terphenyl-d14	12.73	244	2867719	59.02	ng	0.00

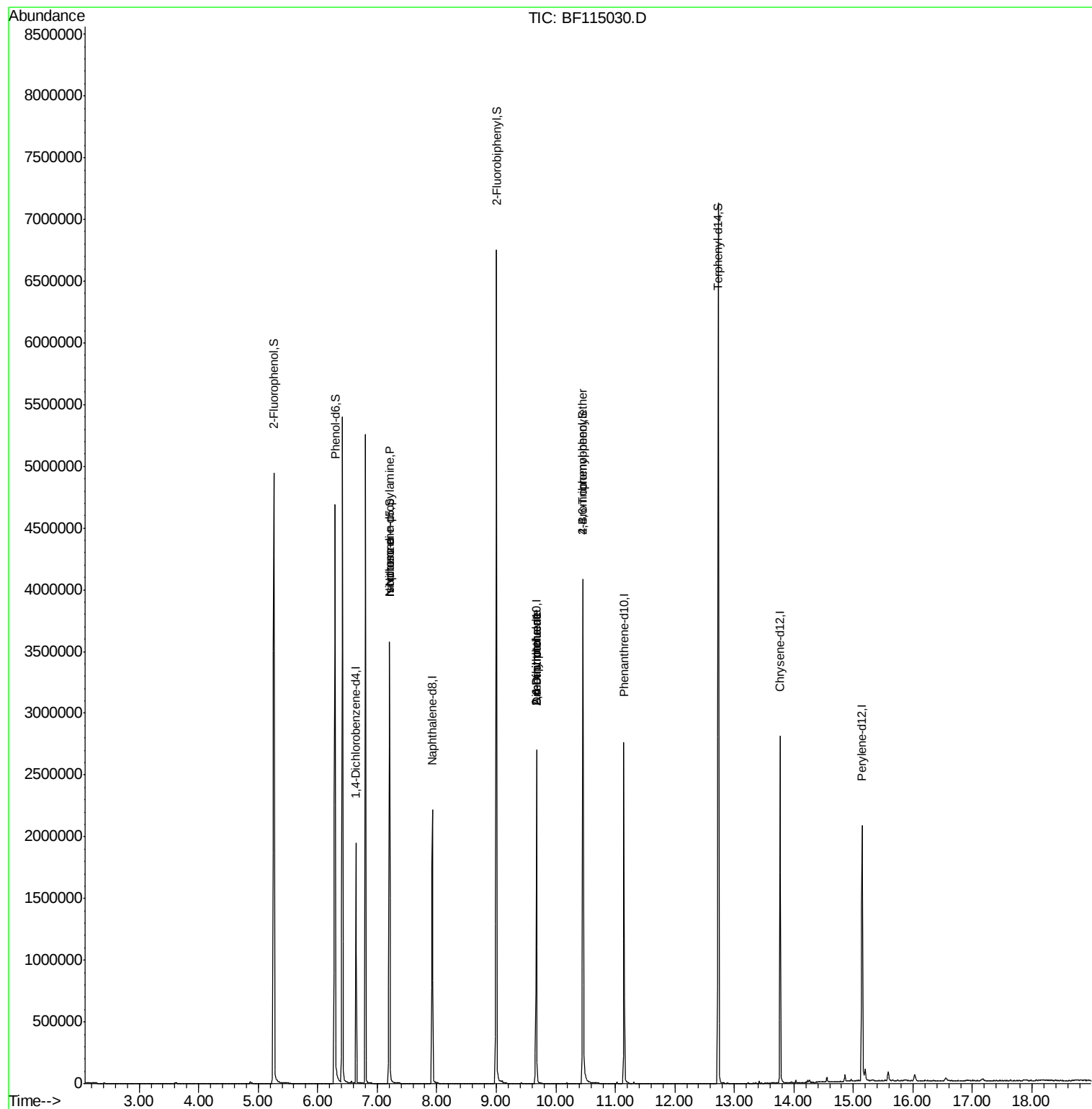
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.29	77	2893	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	174328	13.884	ng	# 76
25) Isophorone	7.21	82	1290533	36.675	ng	# 62
50) Dimethylphthalate	9.67	163	156398	3.743	ng	# 1
51) 2,6-Dinitrotoluene	9.67	165	72739	7.675	ng	# 36
57) 2,4-Dinitrotoluene	9.67	165	72739	6.030	ng	# 29
58) Fluorene	10.46	166	28059	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.46	248	41443	3.379	ng	# 1

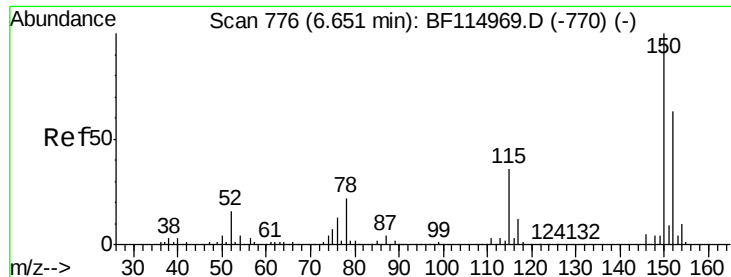
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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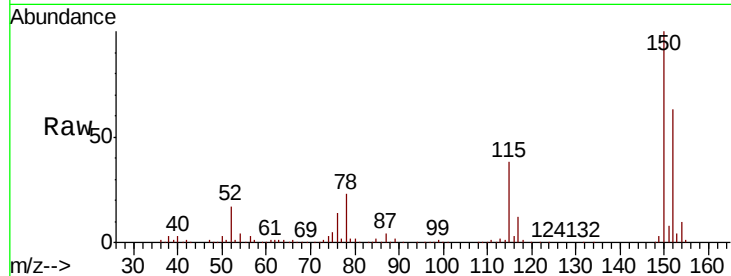


#1

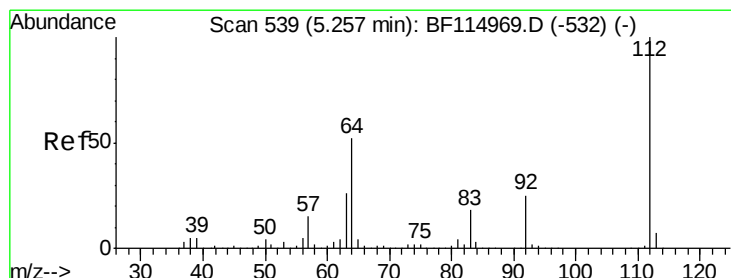
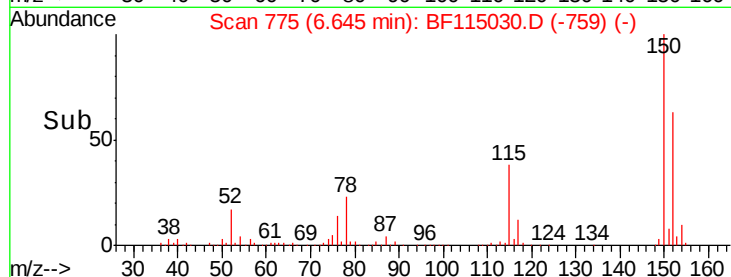
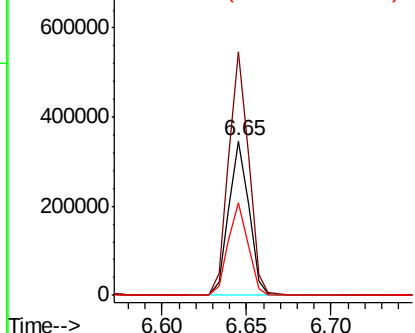
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.4	191.0
115	60.2	46.0	69.0



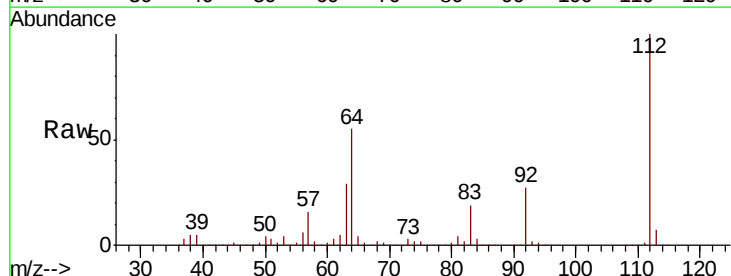
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



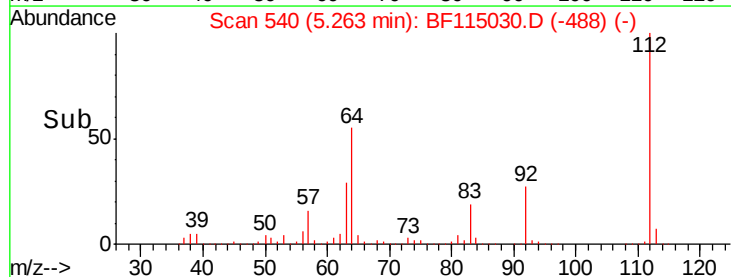
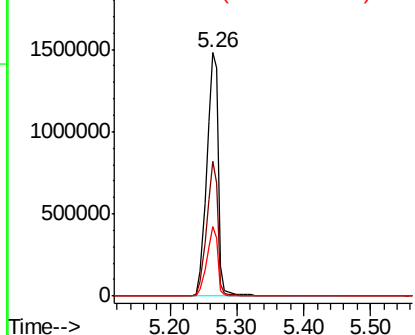
#5

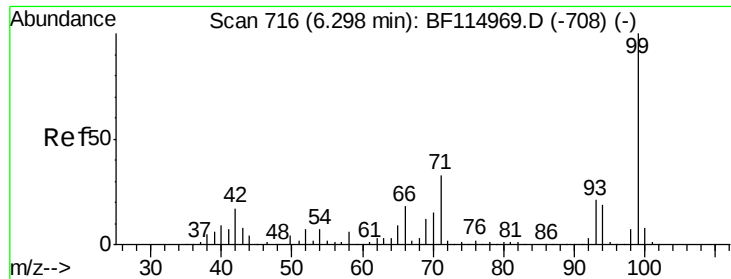
2-Fluorophenol
Concen: 103.701 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	41.6	62.4
63	28.6	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: 107.287 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115030.D

Acq: 14 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

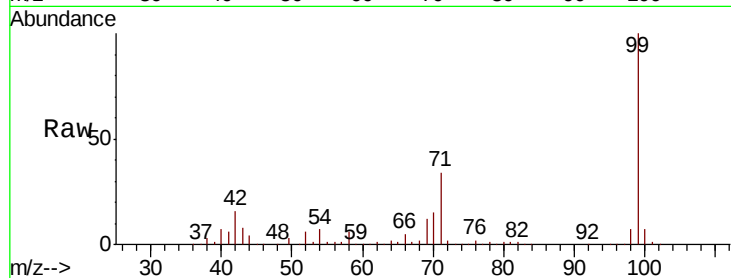
Tot Ion: 99 Resp: 2217161

Ion Ratio Lower Upper

99 100

42 16.3 13.4 20.2

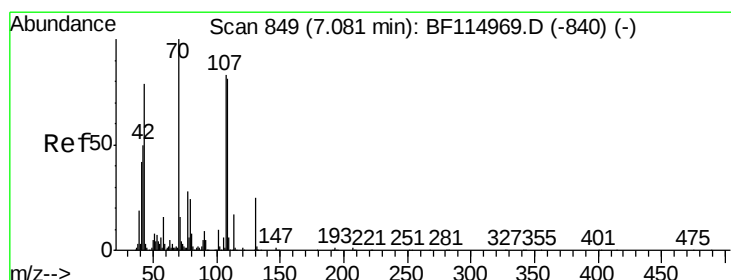
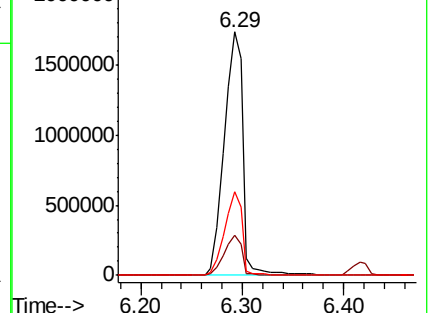
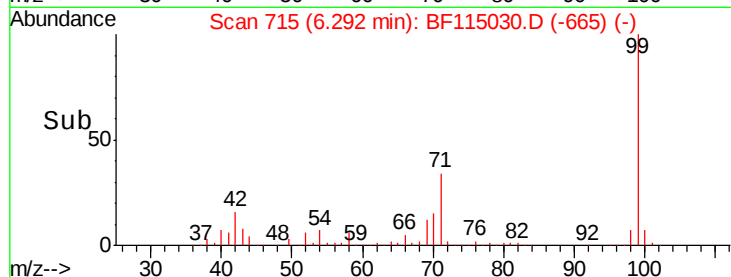
71 34.3 26.4 39.6



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: 13.884 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115030.D

Acq: 14 Jun 2019 10:57

Tgt Ion: 70 Resp: 174328

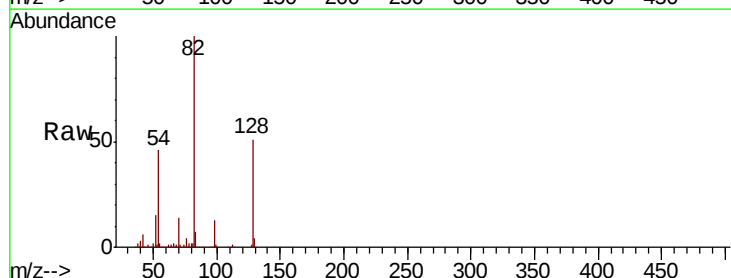
Ion Ratio Lower Upper

70 100

42 42.0 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#

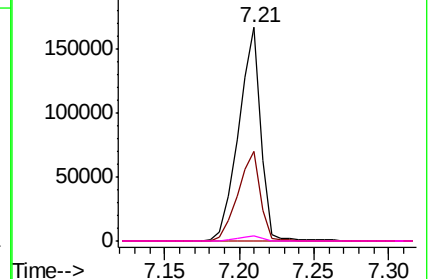
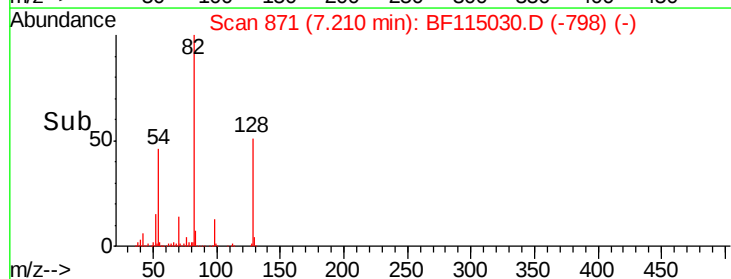


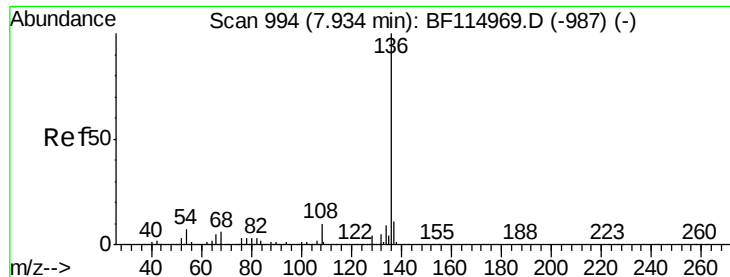
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

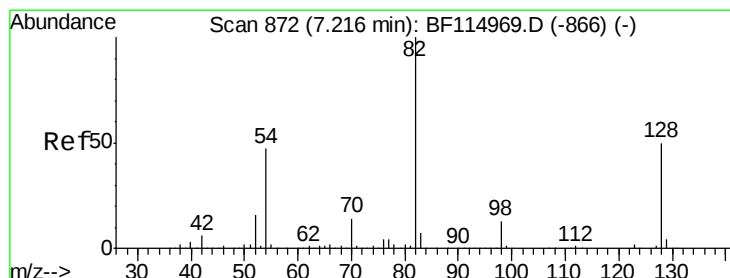
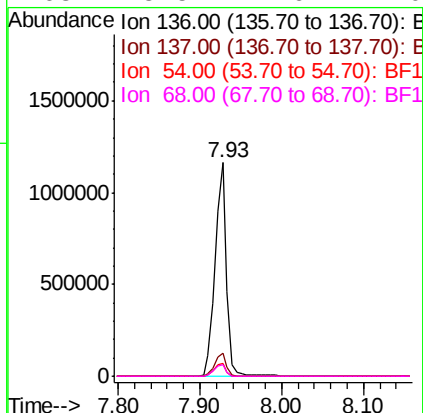
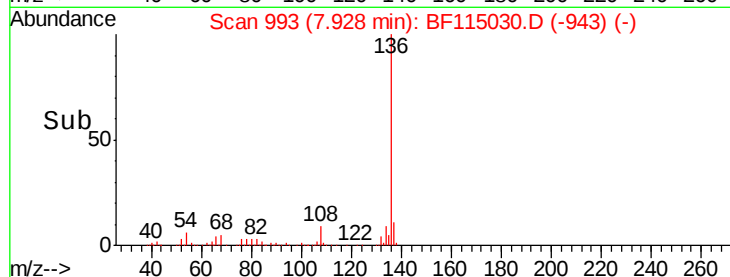
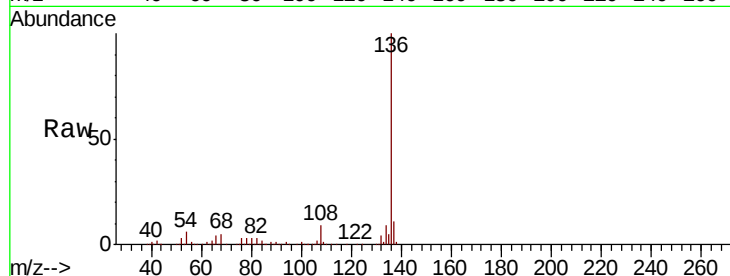




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

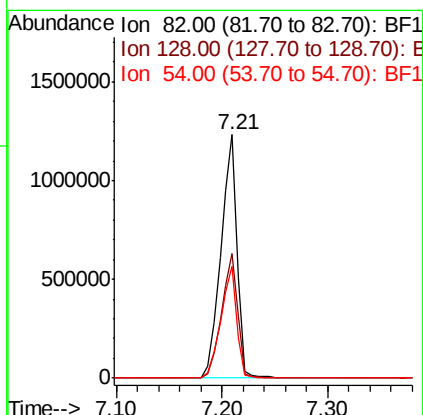
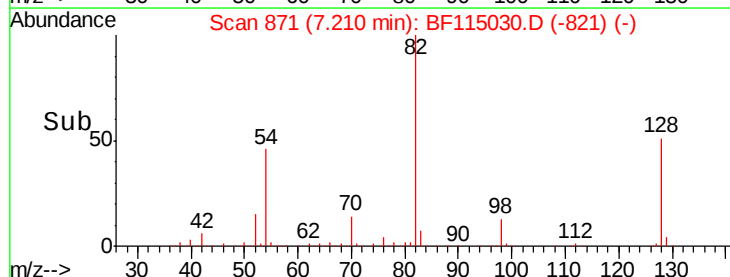
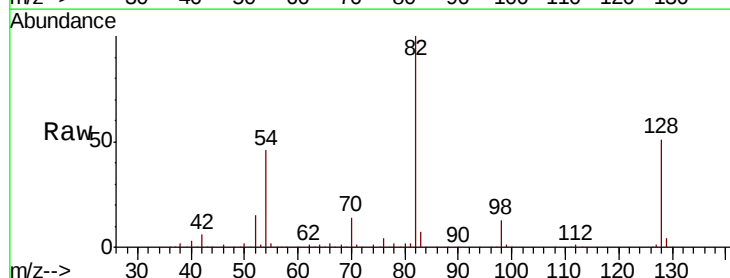
Instrument :
BNA_F
ClientSampleId :

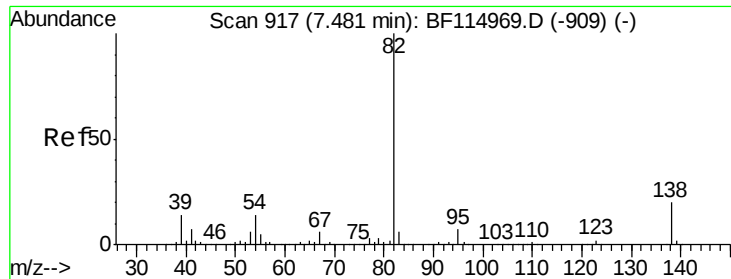
Tot Ion:136	Resp: 1130867
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 6.3	5.4 8.0
68 5.5	4.6 7.0



#23
Nitrobenzene-d5
Concen: 70.644 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion	82	Resp: 1327226	
Ion	Ratio	Lower	Upper
82	100		
128	51.4	39.9	59.9
54	45.9	37.3	55.9

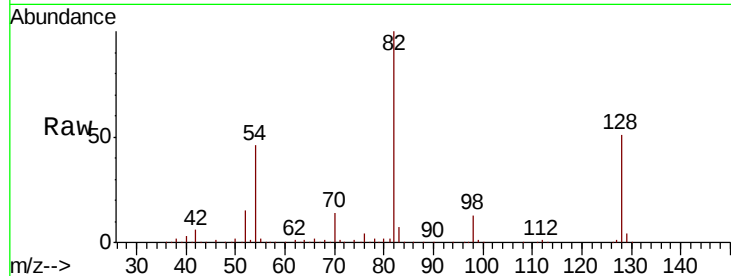




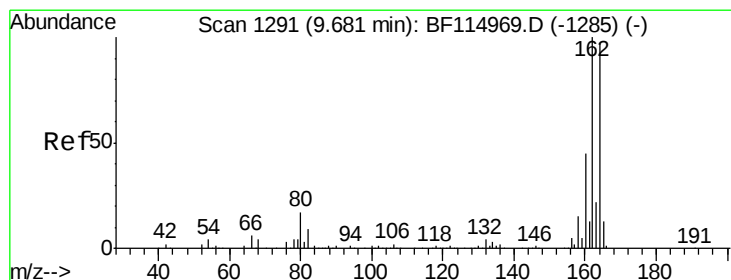
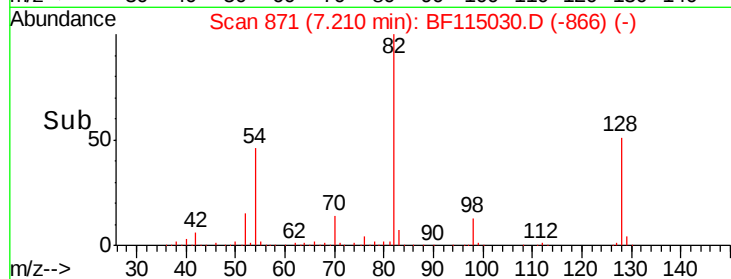
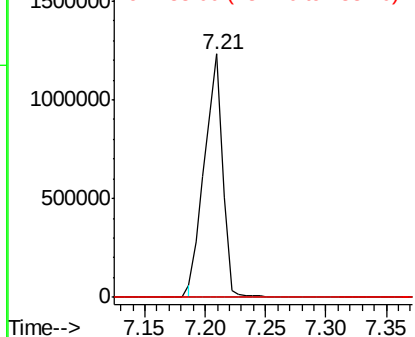
#25
Isophorone
Concen: 36.675 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1290533
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.1 24.1#

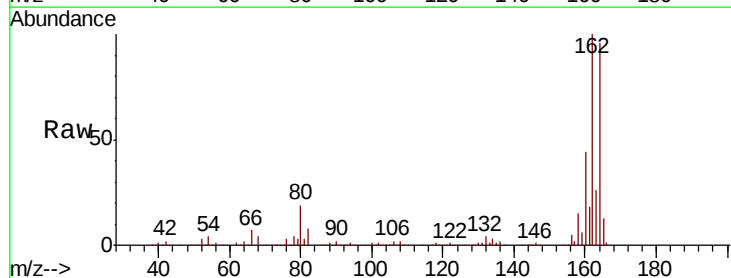


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

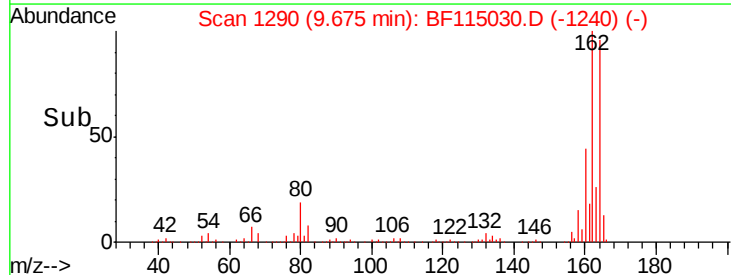
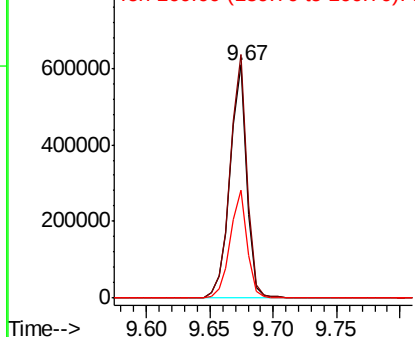


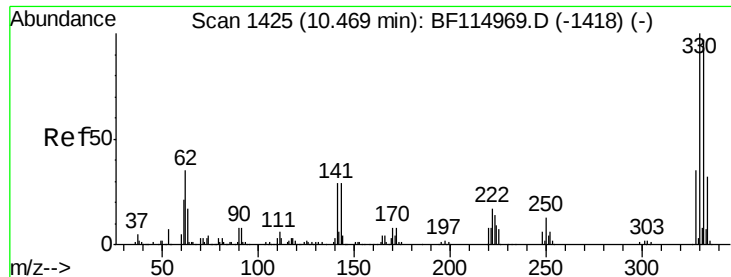
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion:164 Resp: 555541
Ion Ratio Lower Upper
164 100
162 104.5 82.6 124.0
160 46.4 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: 107.794 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115030.D

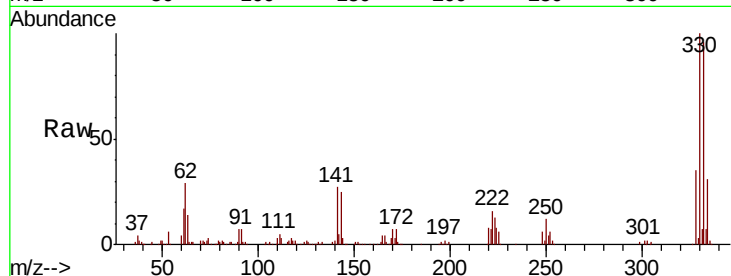
Acq: 14 Jun 2019 10:57

Instrument :

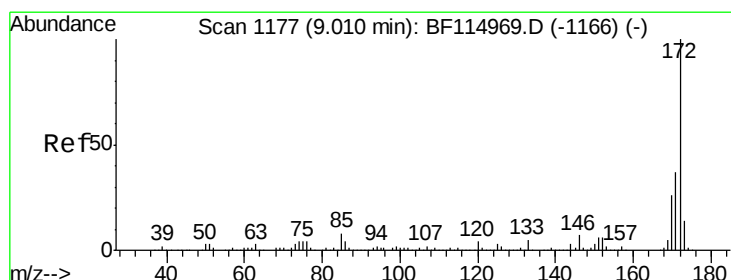
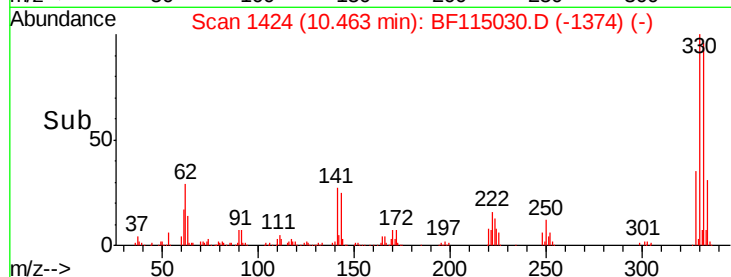
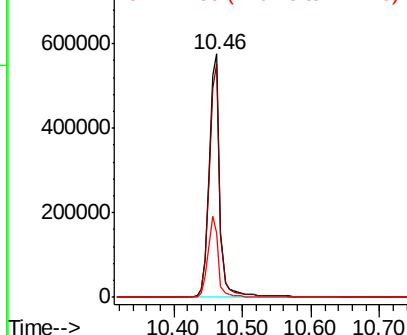
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	641272
Ion	Ratio	Lower	Upper
330	100		
332	95.0	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: 77.339 ng

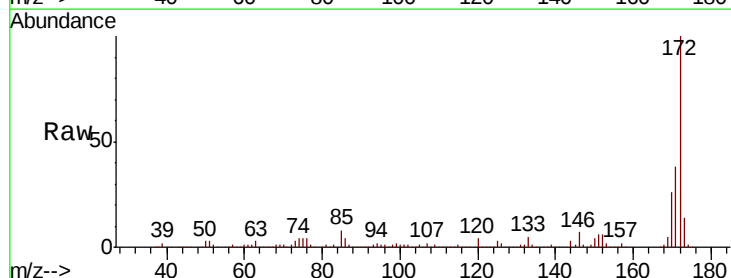
RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

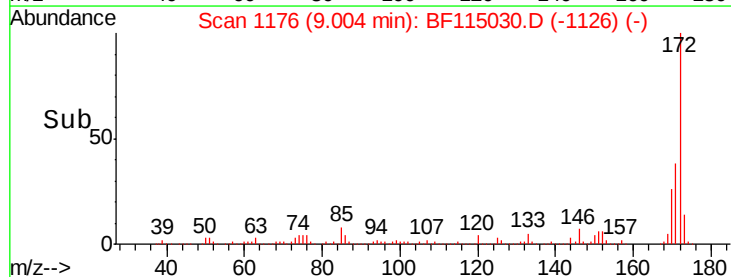
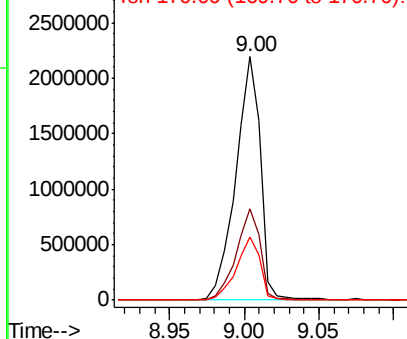
Lab File: BF115030.D

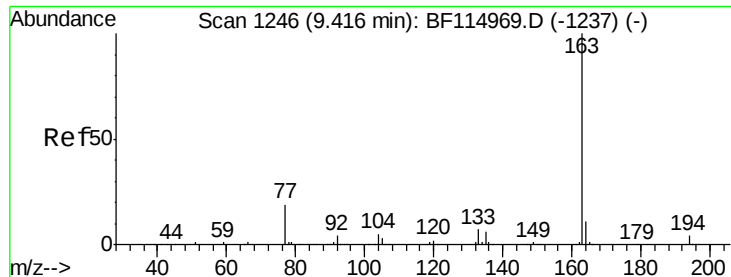
Acq: 14 Jun 2019 10:57

Tgt Ion:	172	Resp:	2535066
Ion	Ratio	Lower	Upper
172	100		
171	37.6	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

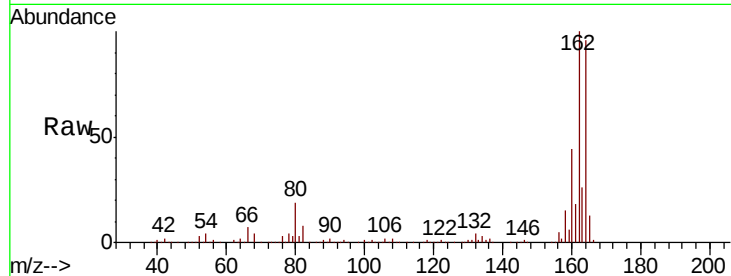




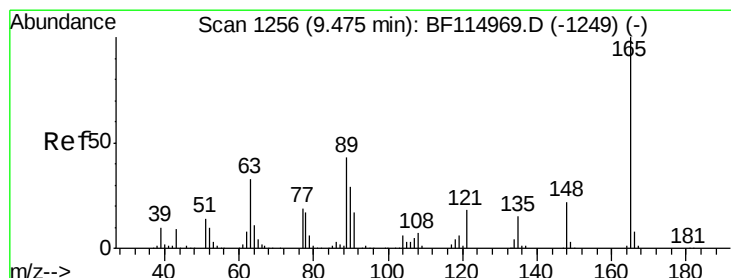
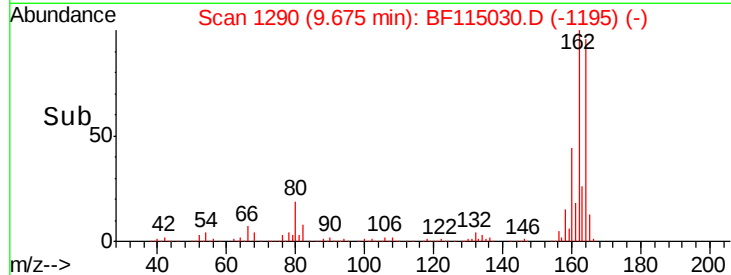
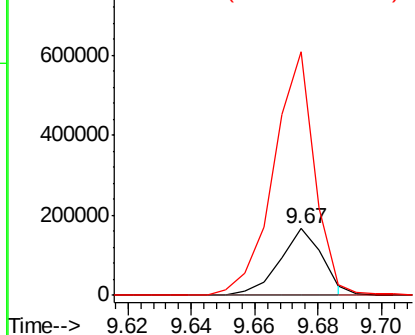
#50
Dimethylphthalate
Concen: 3.743 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.26 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 156398
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 366.1 8.6 12.8#

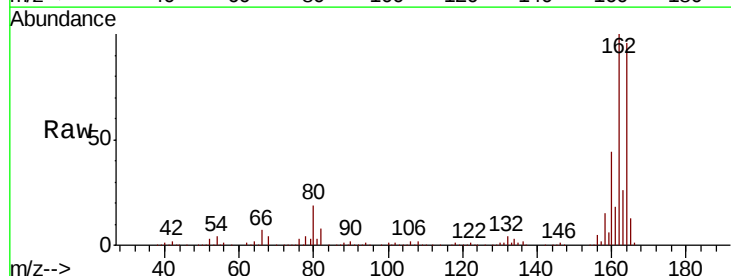


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

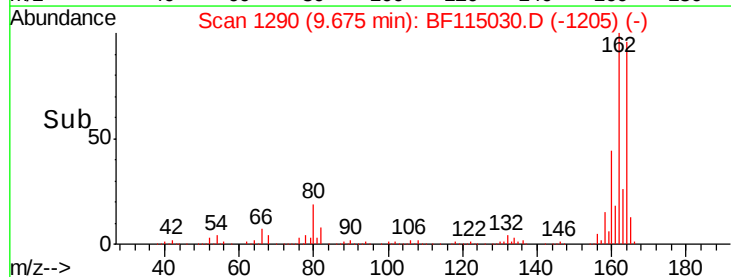
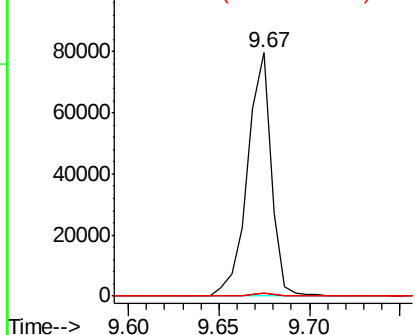


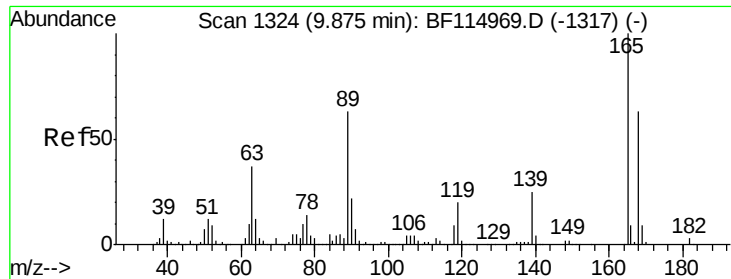
#51
2,6-Dinitrotoluene
Concen: 7.675 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.20 min
Lab File: BF115030.D
Acq: 14 Jun 2019 10:57

Tgt Ion:165 Resp: 72739
Ion Ratio Lower Upper
165 100
63 1.0 30.6 46.0#
89 1.2 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

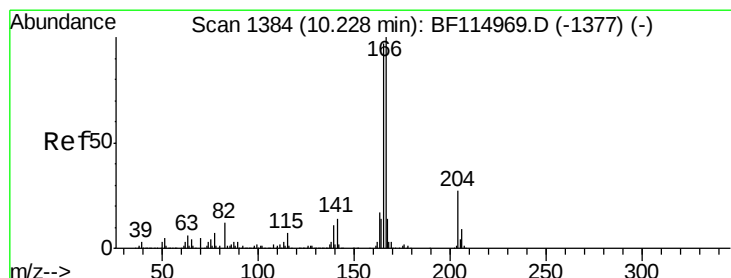
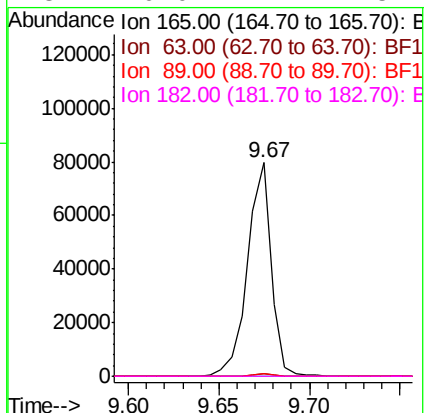
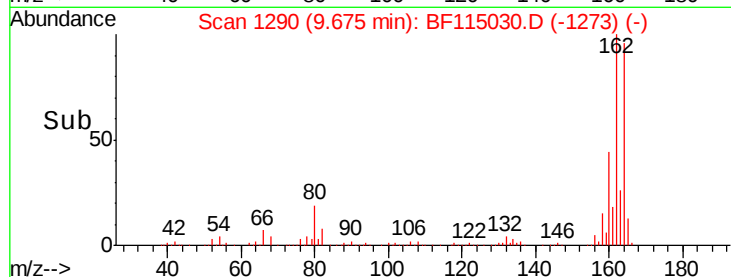
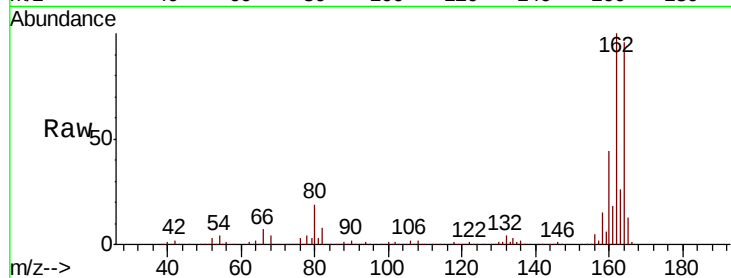




#57
 2,4-Dinitrotoluene
 Concen: 6.030 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115030.D
 Acq: 14 Jun 2019 10:57

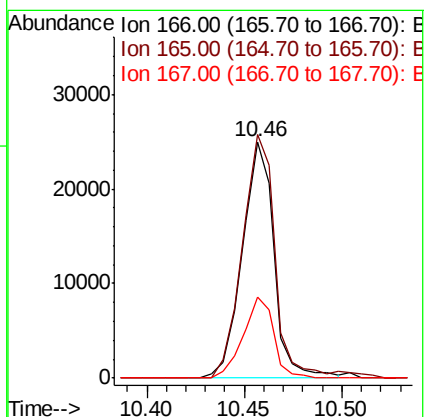
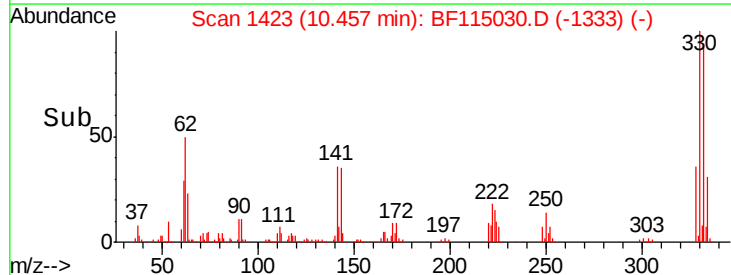
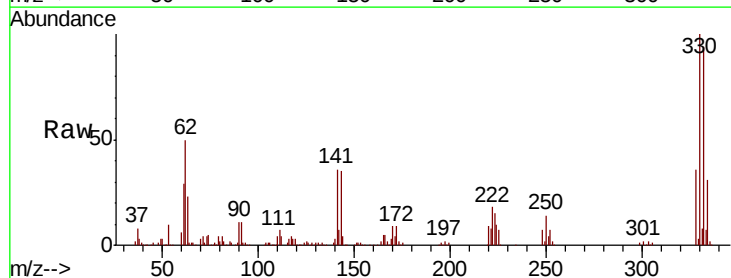
Instrument :
 BNA_F
 ClientSampleId :

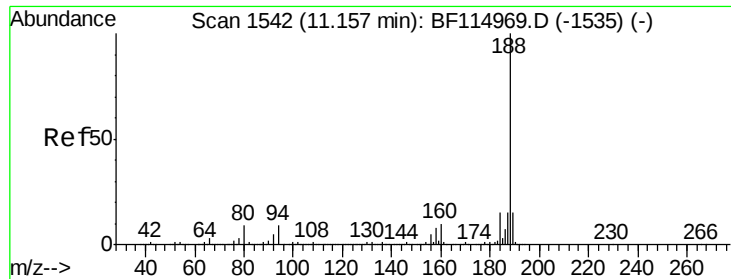
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
89	1.2	50.6	75.8#
182	0.0	2.2	3.2#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.23 min
 Lab File: BF115030.D
 Acq: 14 Jun 2019 10:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.0	77.6	116.4
167	34.5	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: BF115030.D

Acq: 14 Jun 2019 10:57

Instrument :

BNA_F

ClientSampled :

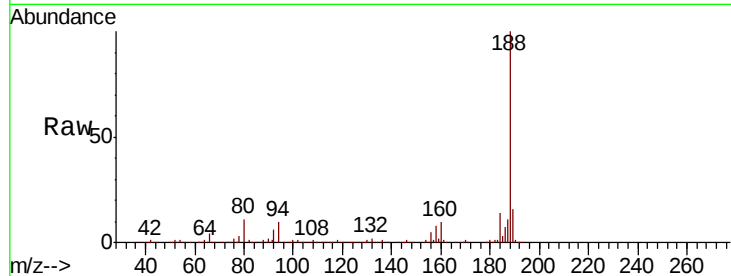
Tot Ion:188 Resp: 1142296

Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

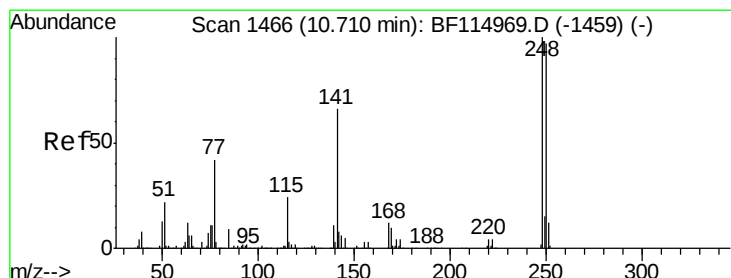
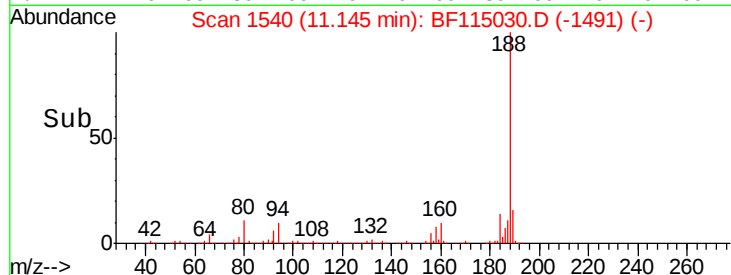
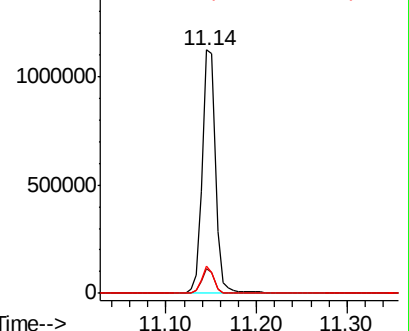
80 11.1 7.4 11.2



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: 3.379 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.25 min

Lab File: BF115030.D

Acq: 14 Jun 2019 10:57

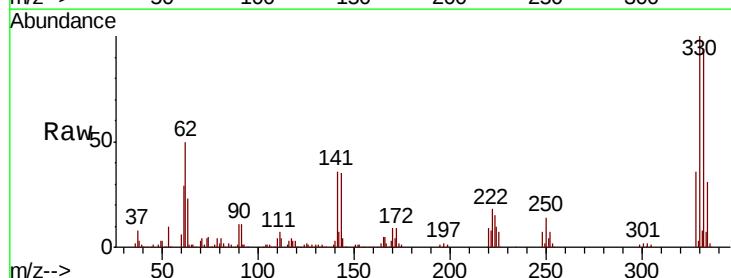
Tgt Ion:248 Resp: 41443

Ion Ratio Lower Upper

248 100

250 195.1 77.8 116.8#

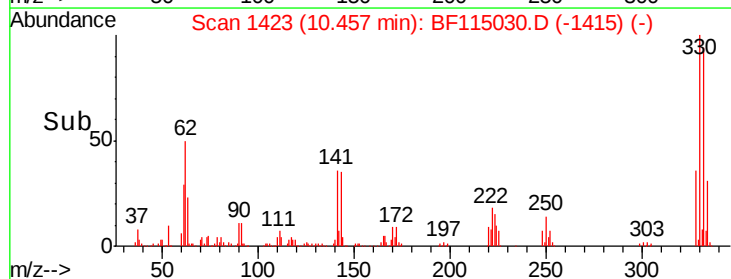
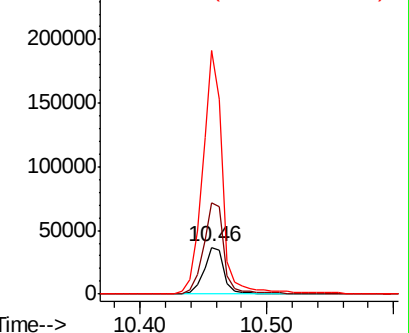
141 517.7 53.1 79.7#

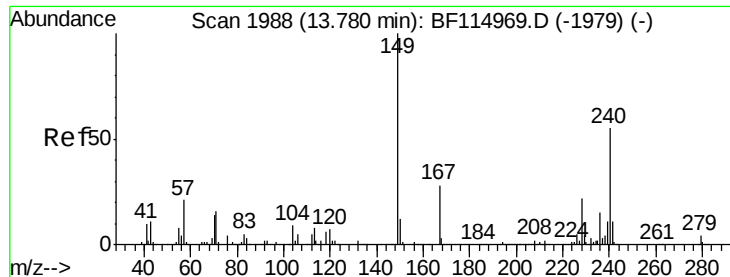


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF115030.D

Acq: 14 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

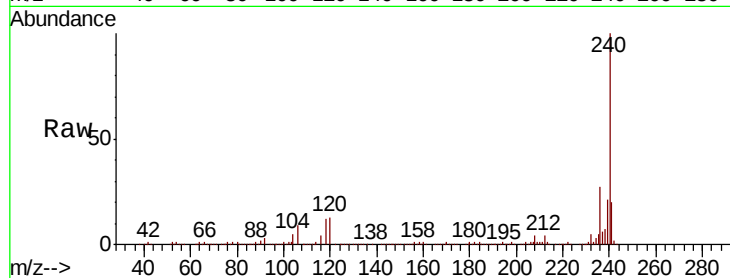
Tot Ion:240 Resp: 913828

Ion Ratio Lower Upper

240 100

120 12.6 10.0 15.0

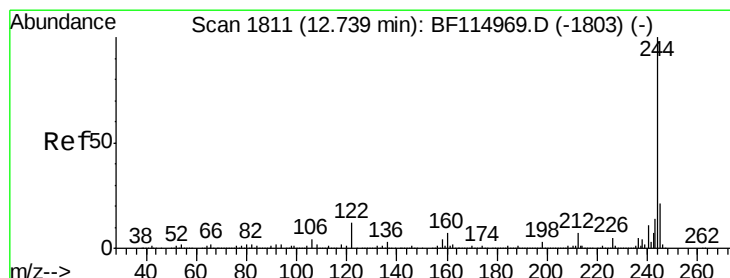
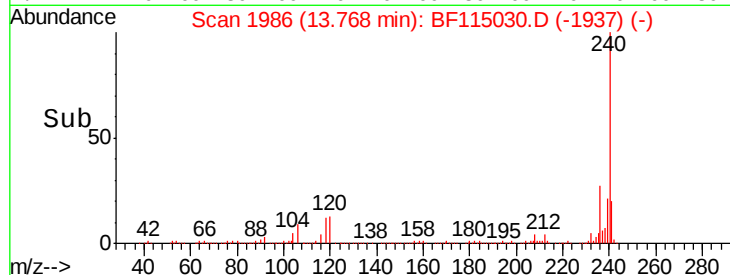
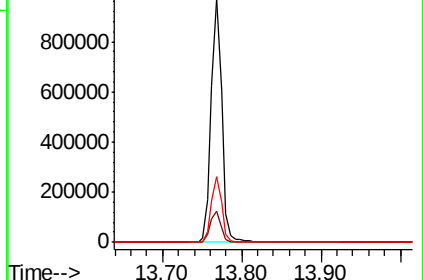
236 27.0 21.6 32.4



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: 59.024 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115030.D

Acq: 14 Jun 2019 10:57

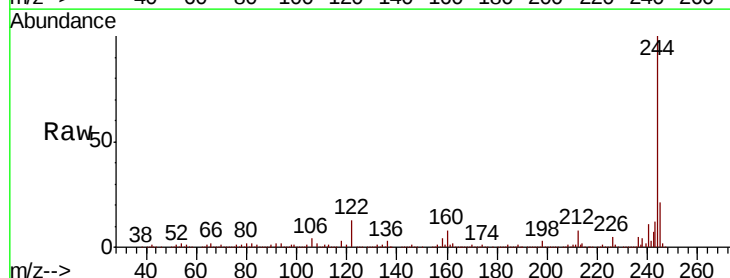
Tgt Ion:244 Resp: 2867719

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

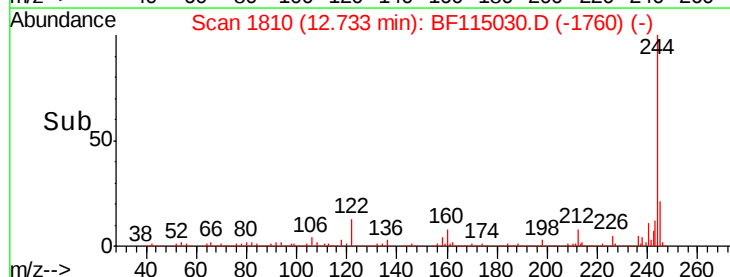
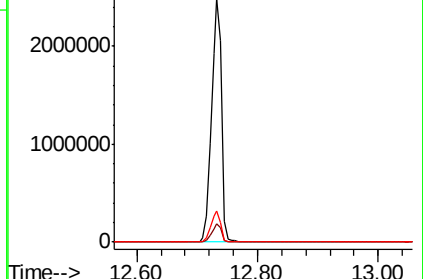
122 12.8 9.4 14.0

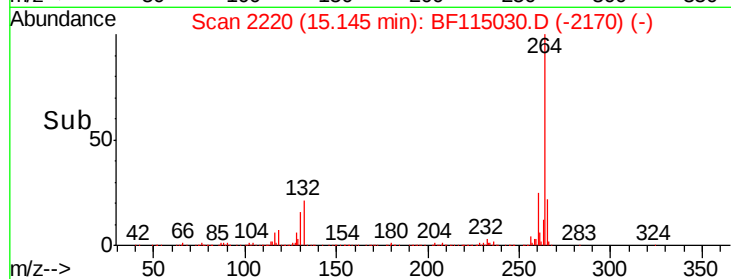
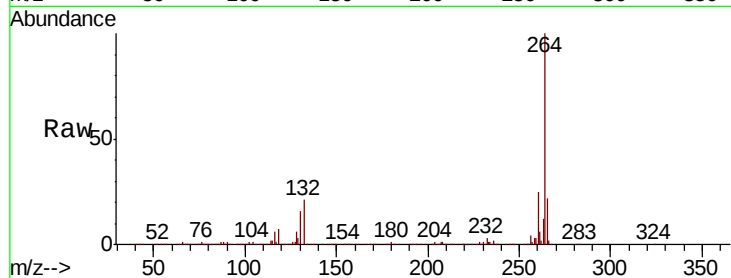
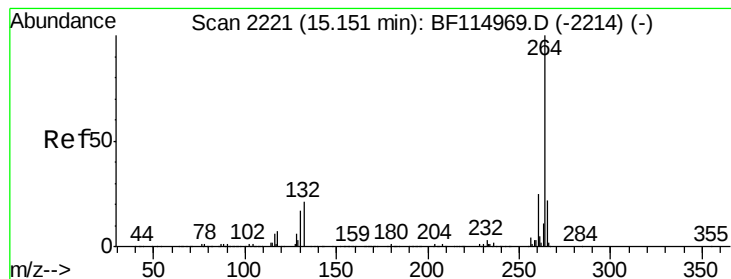


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115030.D

Acq: 14 Jun 2019 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 264 Resp: 933489

Ion Ratio Lower Upper

264 100

260 24.7 19.9 29.9

265 22.1 17.6 26.4

