

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115044.D
 Acq On : 14 Jun 2019 17:19
 Operator : HP/JU
 Sample : K3369-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:51:18 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

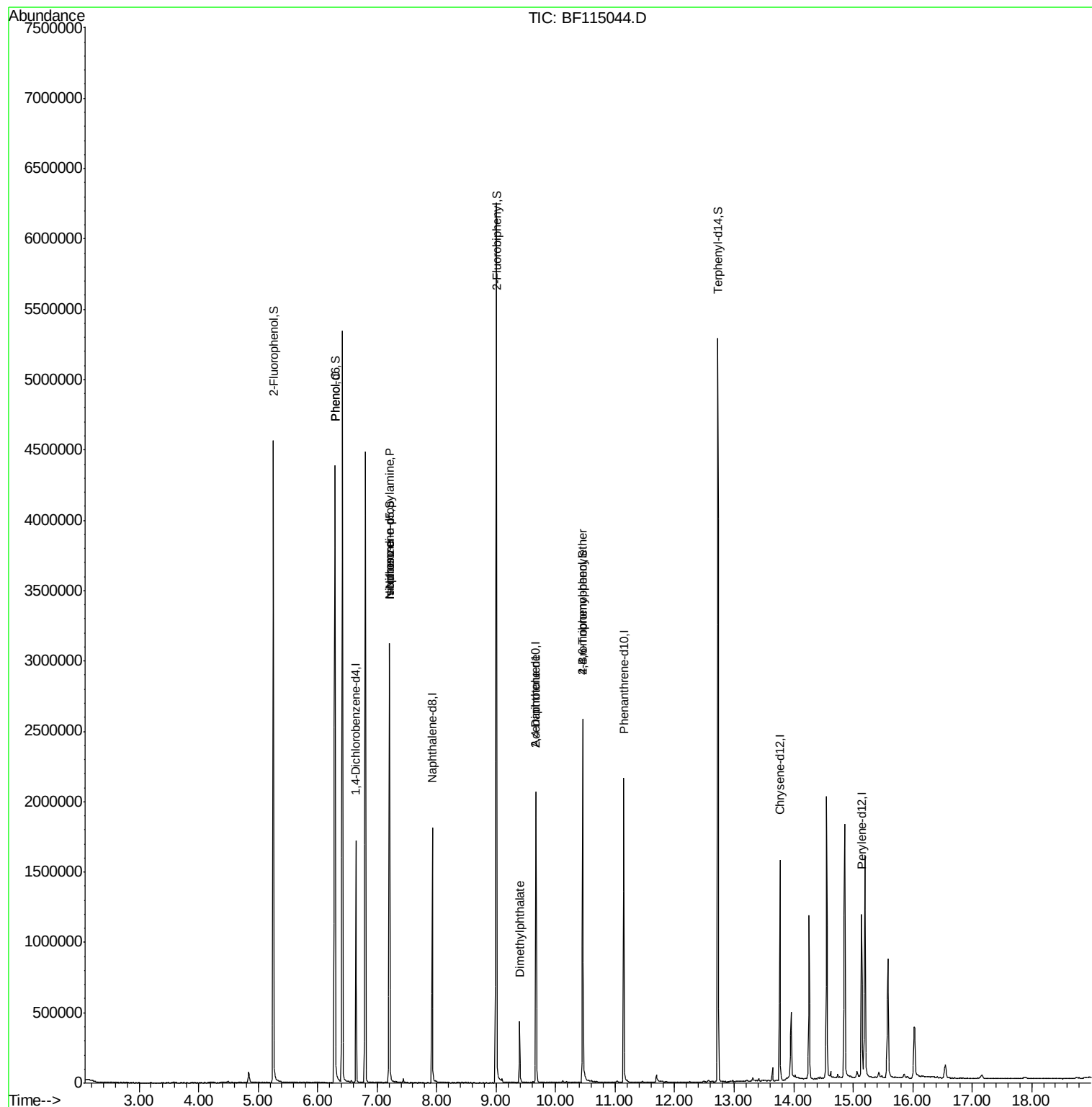
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	250244	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	941140	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	435673	20.00	ng	-0.01
64) Phenanthrene-d10	11.15	188	769478	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	541599	20.00	ng	-0.01
87) Perylene-d12	15.14	264	521502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1488054	99.29	ng	0.00
7) Phenol-d6	6.29	99	1832360	101.36	ng	0.00
23) Nitrobenzene-d5	7.21	82	1120917	71.69	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	369573	79.21	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2084509	81.09	ng	0.00
79) Terphenyl-d14	12.73	244	1866756	64.83	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.29	77	3259	Below Cal	Qvalue	# 1
10) Phenol	6.30	94	46654	2.307 ng		88
19) n-Nitroso-di-n-propylamine	7.21	70	146369	13.326 ng	#	76
25) Isophorone	7.21	82	1092341	37.301 ng	#	62
50) Dimethylphthalate	9.40	163	212568	6.488 ng		98
57) 2,4-Dinitrotoluene	9.67	165	54818	5.795 ng	#	29
58) Fluorene	10.45	166	17094	Below Cal	#	86
67) 4-Bromophenyl-phenylether	10.46	248	24305	2.942 ng	#	1

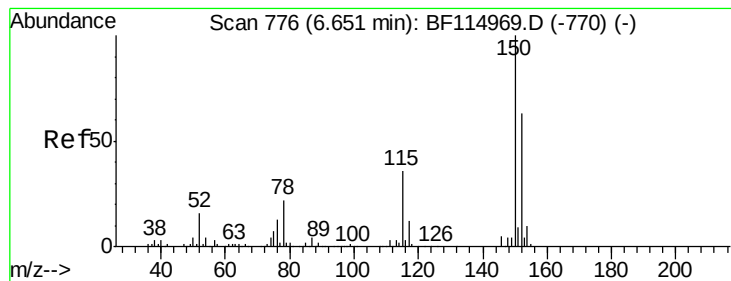
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115044.D
Acq On : 14 Jun 2019 17:19
Operator : HP/JU
Sample : K3369-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 15 04:51:18 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



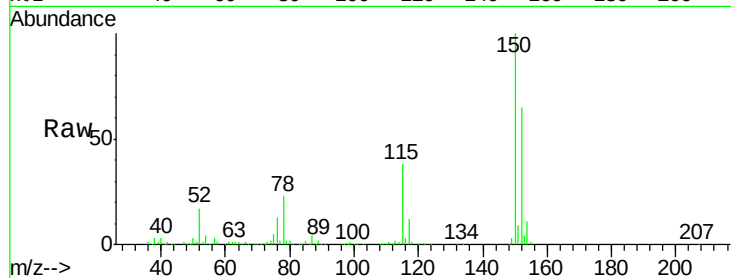


#1

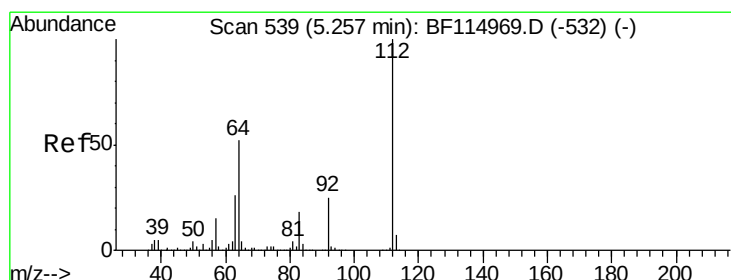
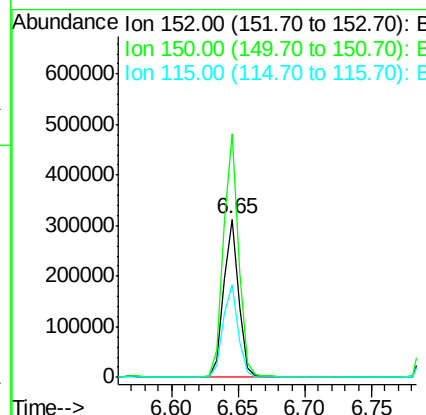
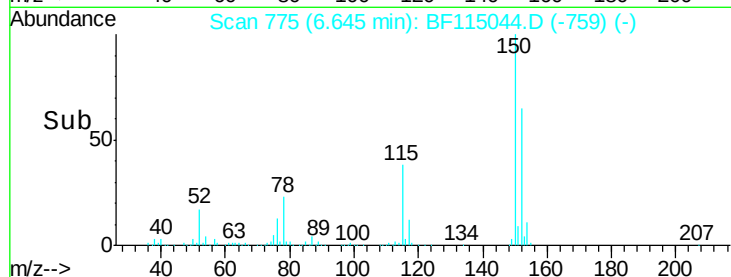
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115044.D
Acq: 14 Jun 2019 17:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 250244
Ion Ratio Lower Upper
152 100
150 153.9 127.4 191.0
115 58.2 46.0 69.0



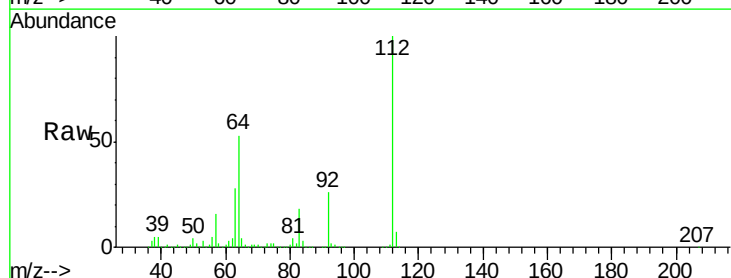
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



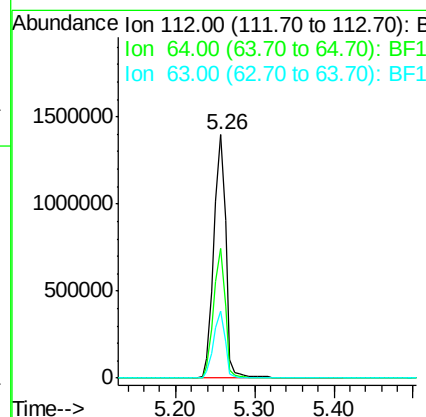
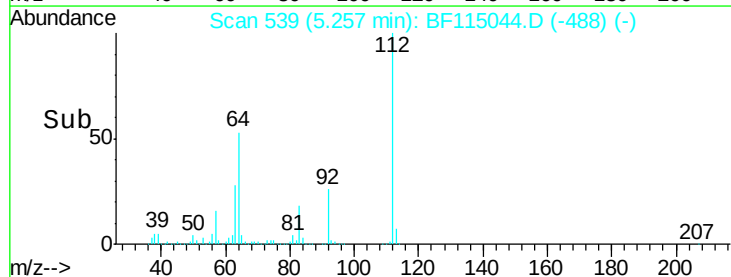
#5

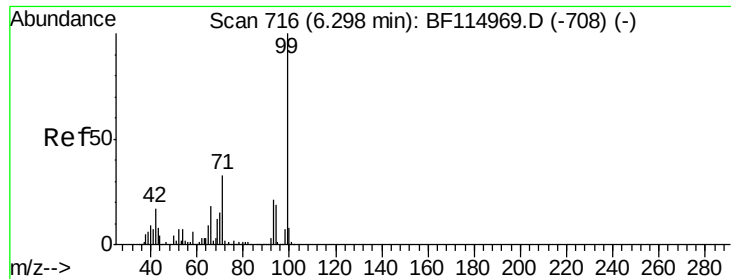
2-Fluorophenol
Concen: 99.292 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF115044.D
Acq: 14 Jun 2019 17:19

Tgt Ion:112 Resp: 1488054
Ion Ratio Lower Upper
112 100
64 53.2 41.6 62.4
63 27.8 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: 101.358 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115044.D

Acq: 14 Jun 2019 17:19

Instrument :

BNA_F

ClientSampleId :

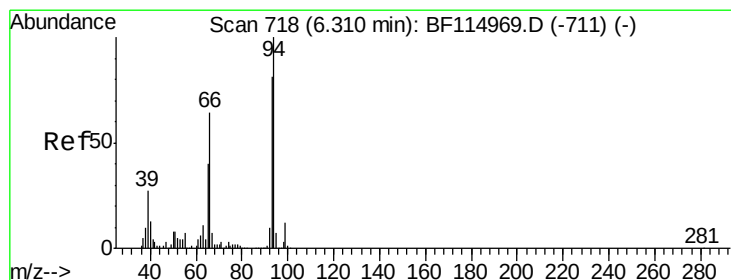
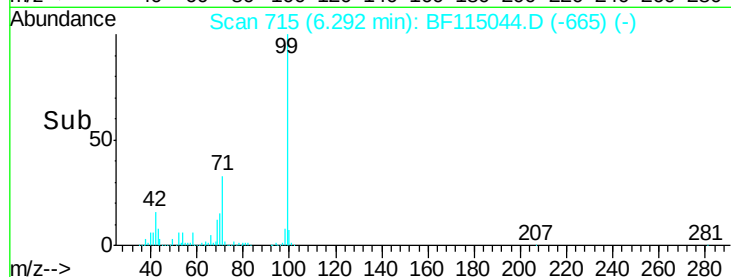
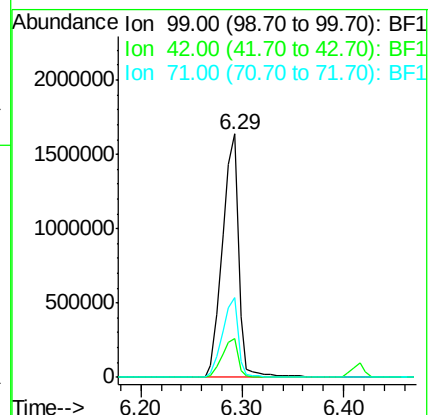
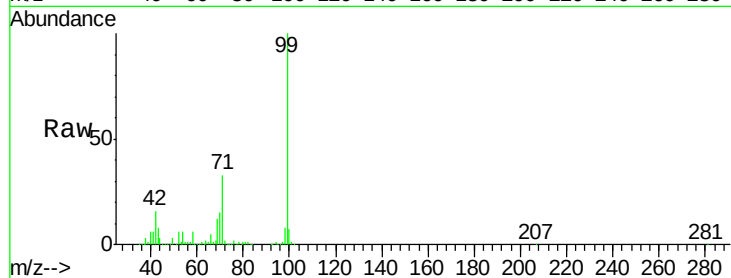
Tot Ion: 99 Resp: 1832360

Ion Ratio Lower Upper

99 100

42 15.8 13.4 20.2

71 32.9 26.4 39.6



#10

Phenol

Concen: 2.307 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115044.D

Acq: 14 Jun 2019 17:19

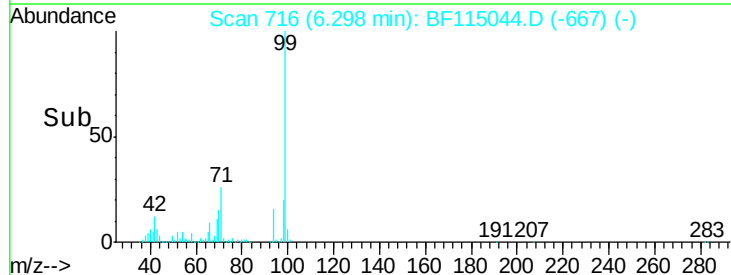
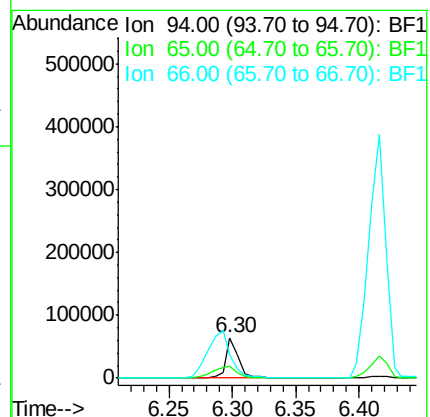
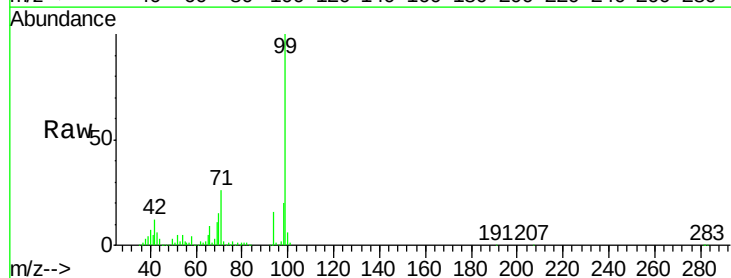
Tgt Ion: 94 Resp: 46654

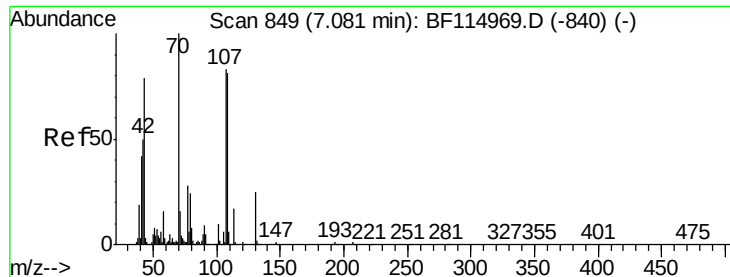
Ion Ratio Lower Upper

94 100

65 29.9 20.0 60.0

66 57.1 44.1 84.1

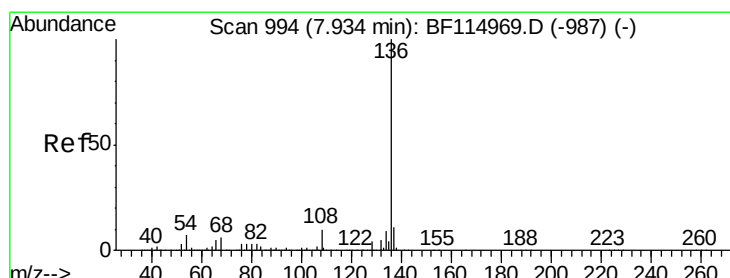
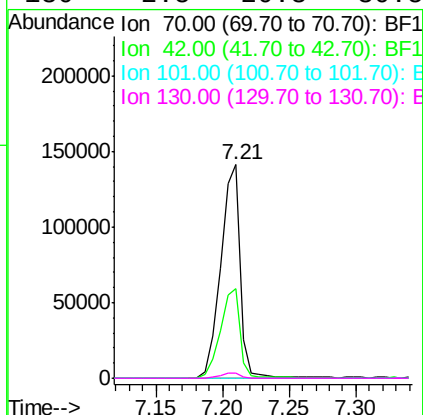
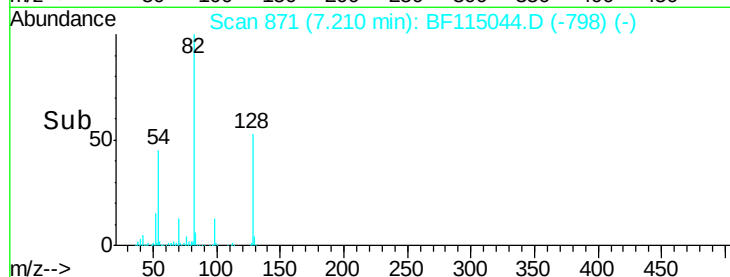
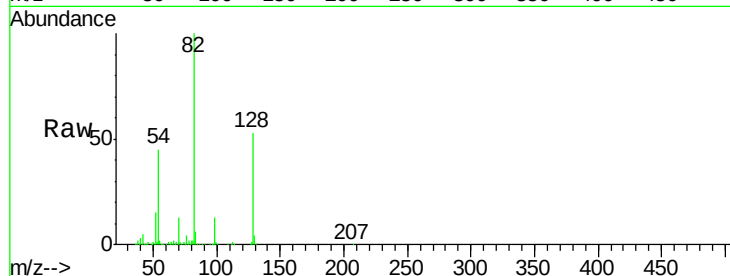




#19
n-Nitroso-di-n-propylamine
Concen: 13.326 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF115044.D
Acq: 14 Jun 2019 17:19

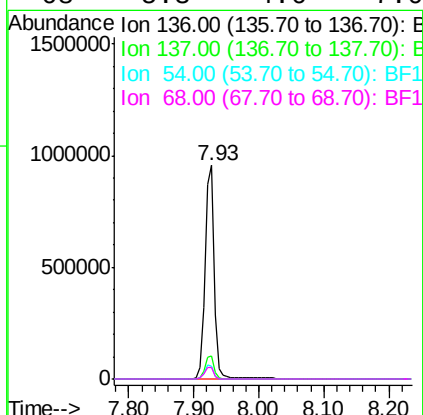
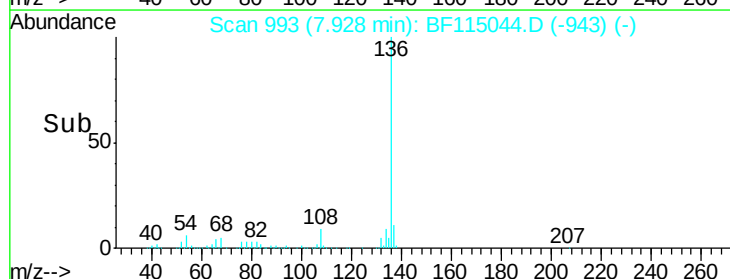
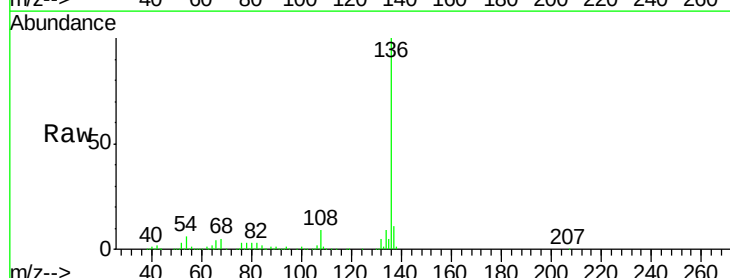
Instrument :
BNA_F
ClientSampleId :

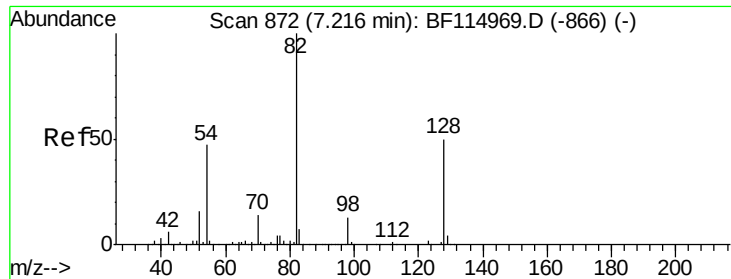
Tot Ion: 70 Resp: 146369
Ion Ratio Lower Upper
70 100
42 41.7 40.3 60.5
101 0.0 8.2 12.4#
130 2.5 20.3 30.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115044.D
Acq: 14 Jun 2019 17:19

Tgt Ion: 136 Resp: 941140
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 5.9 5.4 8.0
68 5.3 4.6 7.0



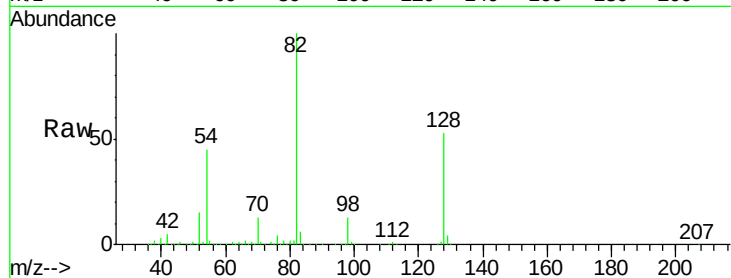


#23
 Nitrobenzene-d5
 Concen: 71.690 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115044.D
 Acq: 14 Jun 2019 17:19

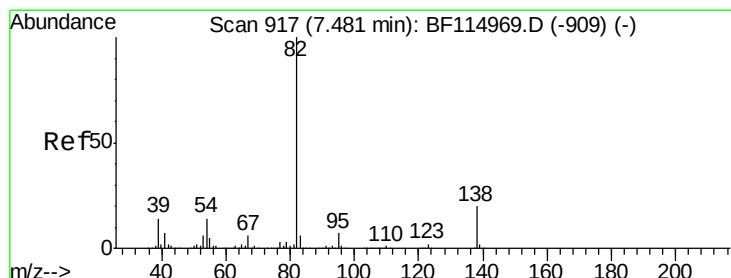
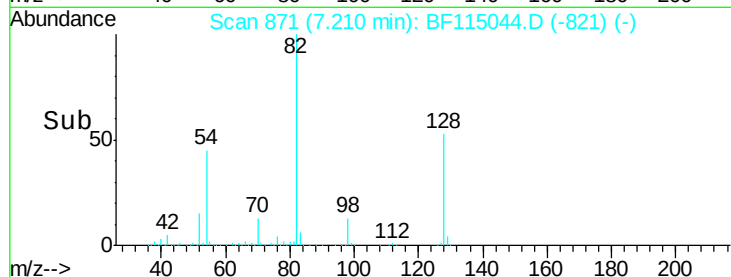
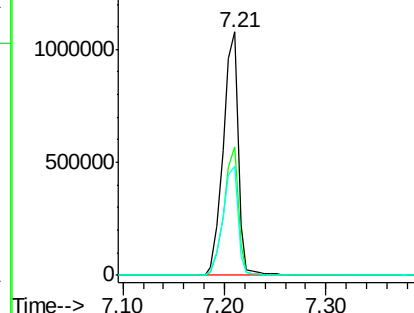
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1120917

Ion	Ratio	Lower	Upper
82	100		
128	52.9	39.9	59.9
54	44.8	37.3	55.9



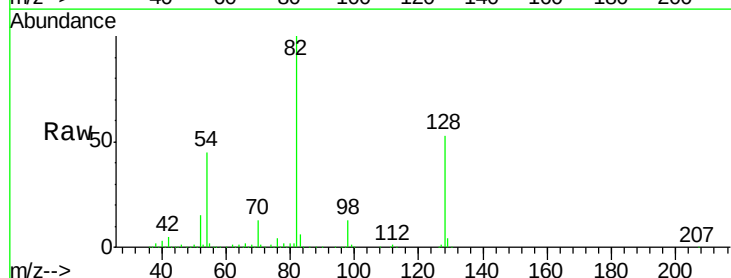
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



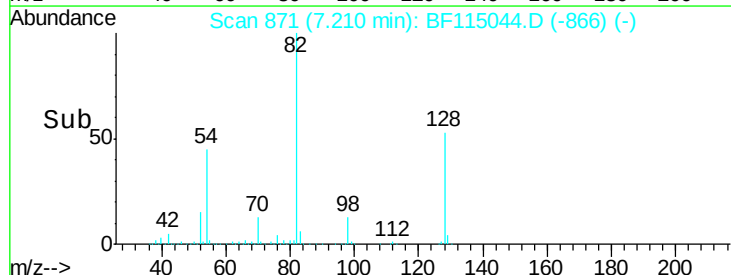
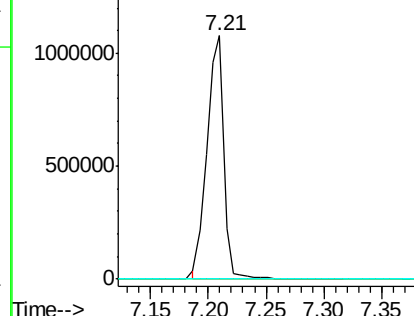
#25
 Isophorone
 Concen: 37.301 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.27 min
 Lab File: BF115044.D
 Acq: 14 Jun 2019 17:19

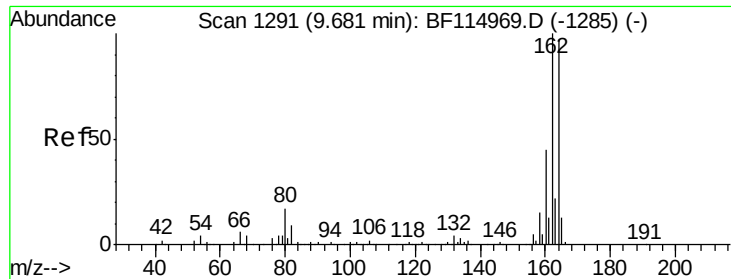
Tgt Ion: 82 Resp: 1092341

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

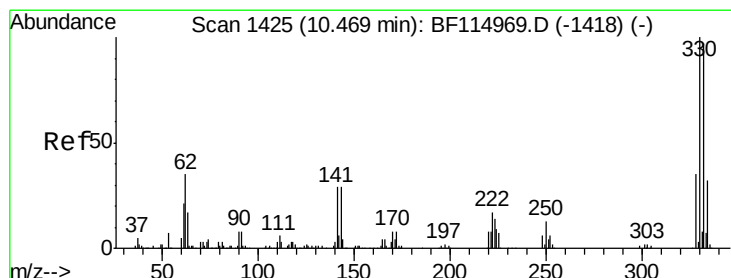
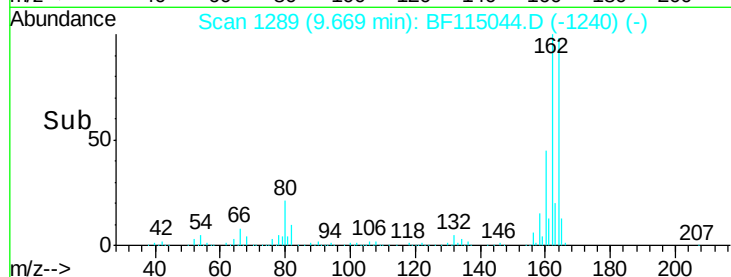
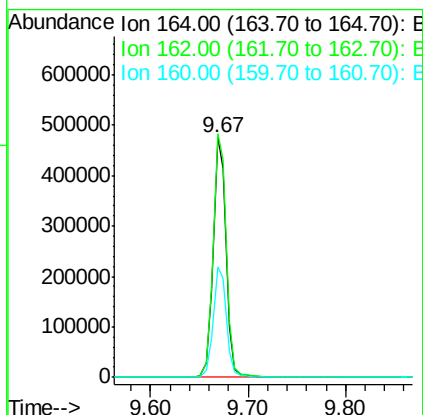
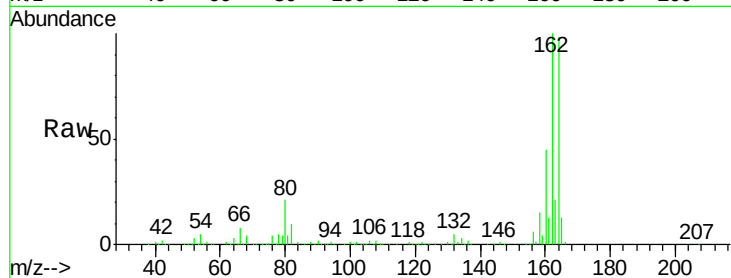




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF115044.D
 Acq: 14 Jun 2019 17:19

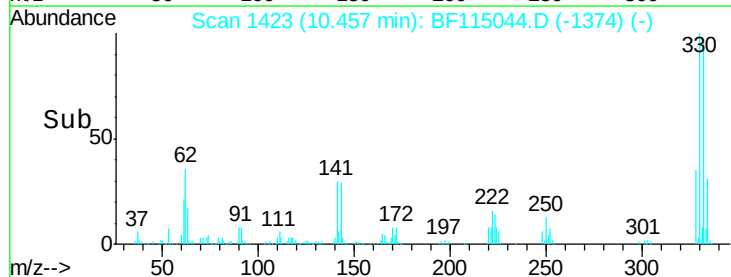
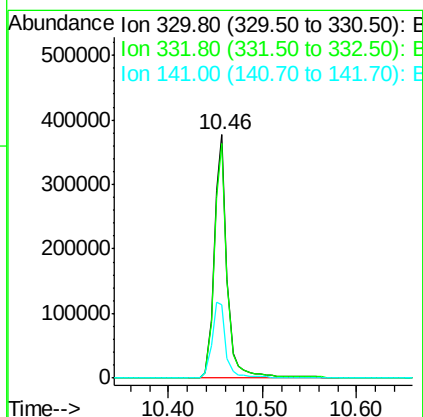
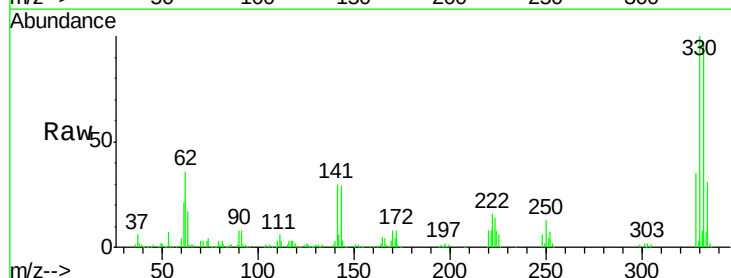
Instrument :
 BNA_F
 ClientSampleId :

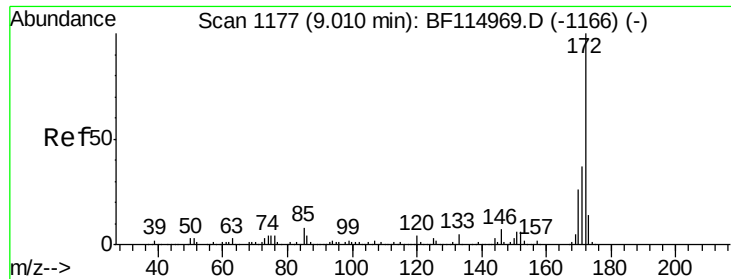
Tot Ion:164 Resp: 435673
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 124.0
 160 45.9 36.9 55.3



#42
 2,4,6-Tribromophenol
 Concen: 79.215 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115044.D
 Acq: 14 Jun 2019 17:19

Tgt Ion:330 Resp: 369573
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 34.5 27.2 40.8

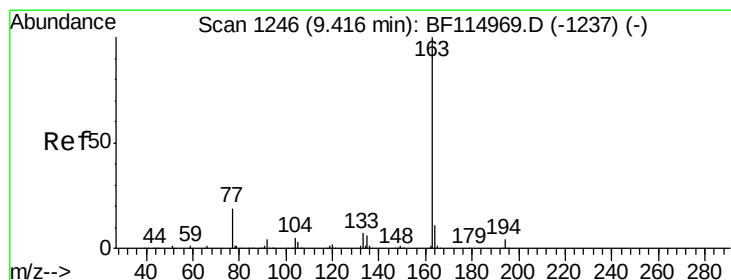
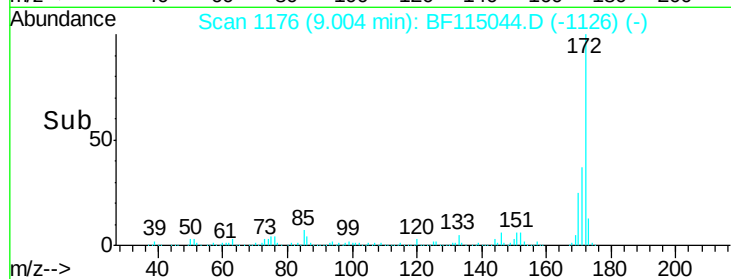
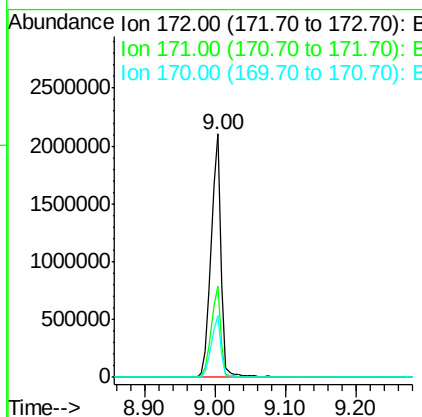
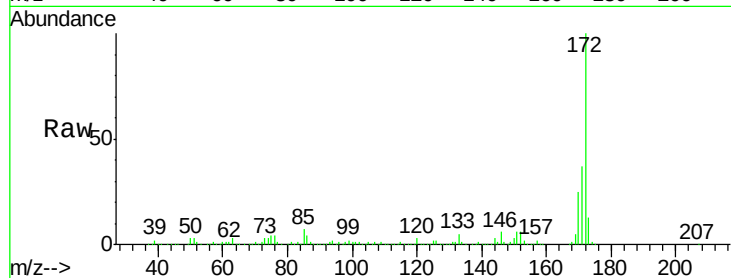




#45
2-Fluorobiphenyl
Concen: 81.091 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115044.D
Acq: 14 Jun 2019 17:19

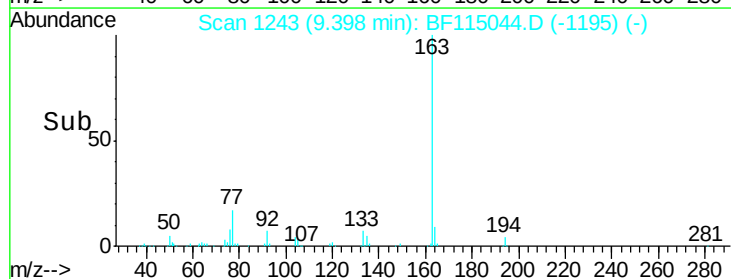
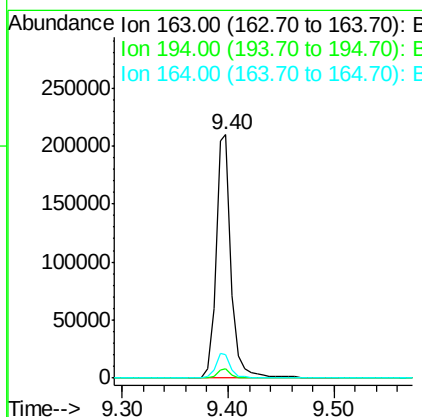
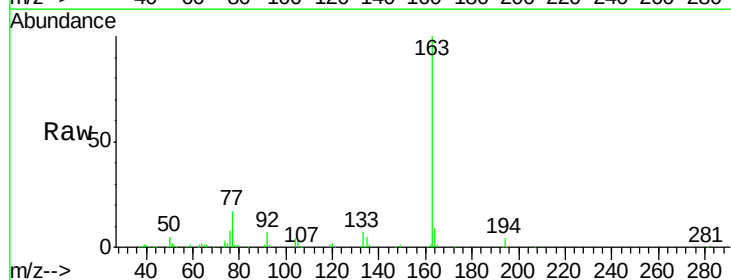
Instrument :
BNA_F
ClientSampled :

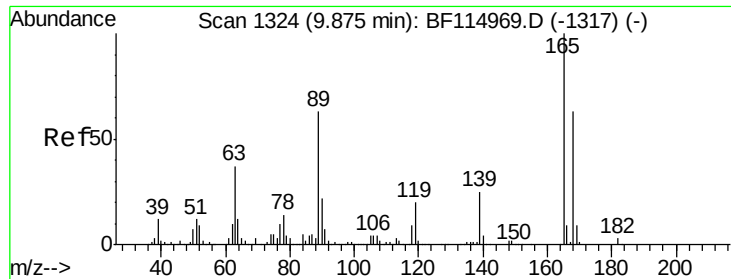
Tot Ion:172 Resp: 2084509
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.4 20.6 31.0



#50
Dimethylphthalate
Concen: 6.488 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115044.D
Acq: 14 Jun 2019 17:19

Tgt Ion:163 Resp: 212568
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.5 8.6 12.8

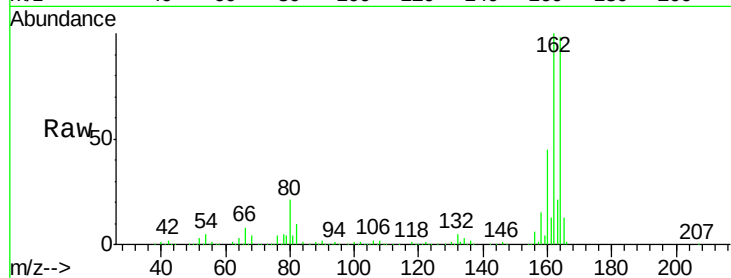




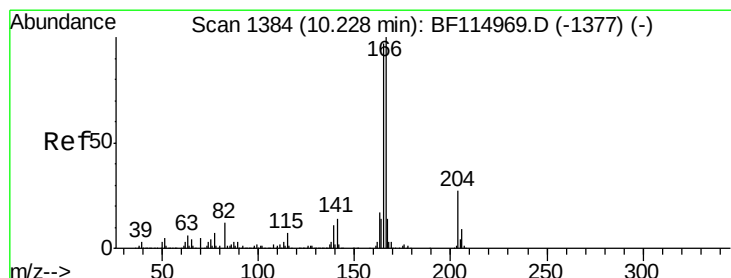
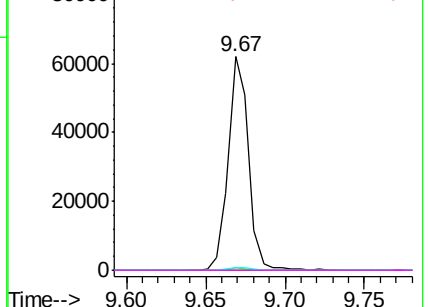
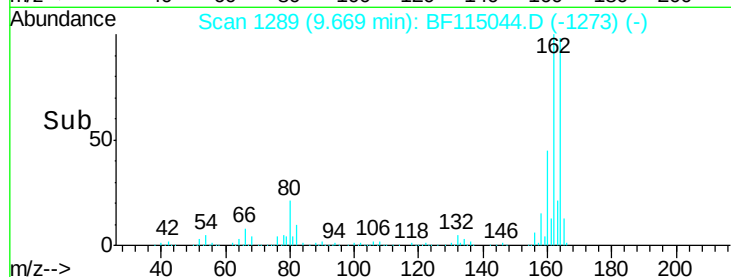
#57
 2,4-Dinitrotoluene
 Concen: 5.795 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.21 min
 Lab File: BF115044.D
 Acq: 14 Jun 2019 17:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 54818
 Ion Ratio Lower Upper
 165 100
 63 1.0 29.4 44.2#
 89 1.1 50.6 75.8#
 182 0.0 2.2 3.2#

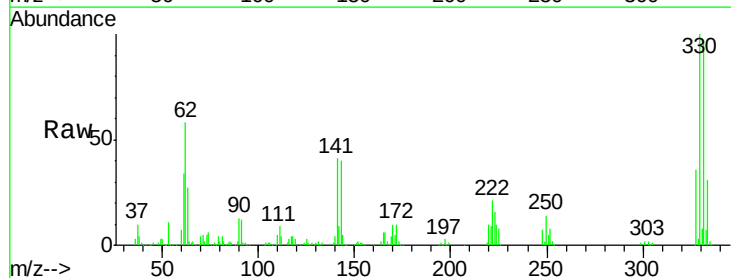


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

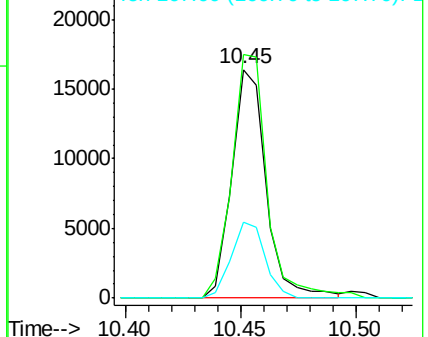
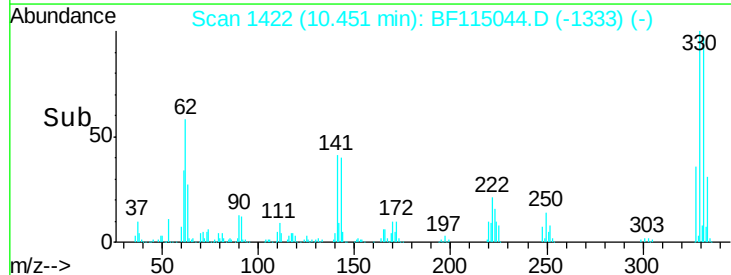


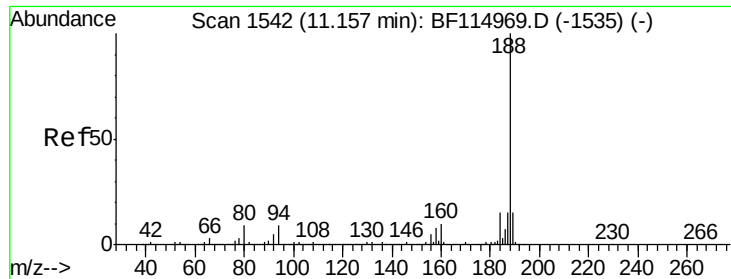
#58
 Fluorene
 Concen: Below Cal
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.22 min
 Lab File: BF115044.D
 Acq: 14 Jun 2019 17:19

Tgt Ion:166 Resp: 17094
 Ion Ratio Lower Upper
 166 100
 165 106.5 77.6 116.4
 167 33.1 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: BF115044.D

Acq: 14 Jun 2019 17:19

Instrument :

BNA_F

ClientSampled :

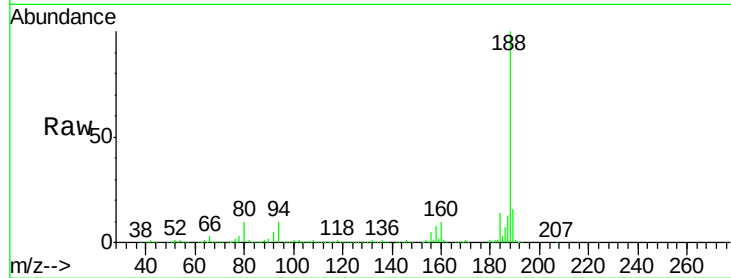
Tot Ion:188 Resp: 769478

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

80 9.9 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

1200000

800000

600000

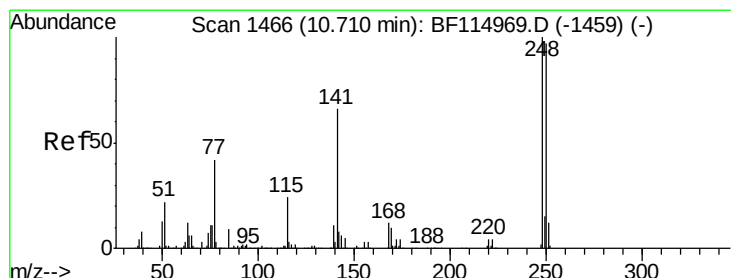
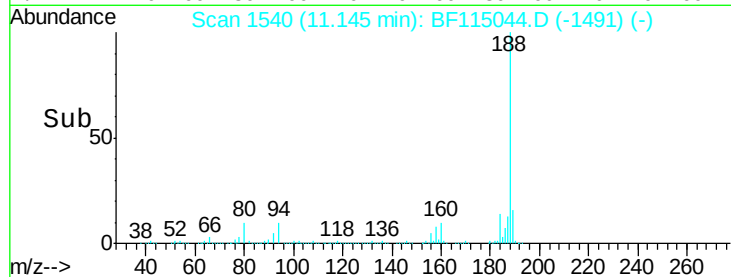
400000

200000

0

11.10 11.15 11.20 11.30

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.942 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.25 min

Lab File: BF115044.D

Acq: 14 Jun 2019 17:19

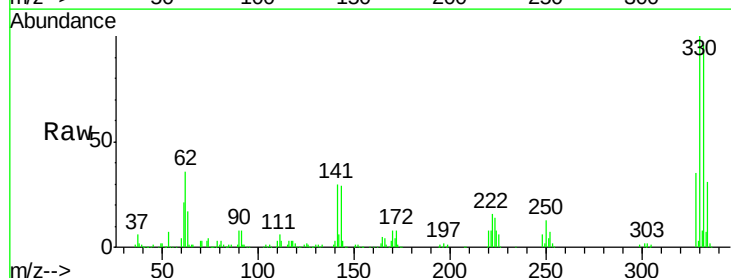
Tgt Ion:248 Resp: 24305

Ion Ratio Lower Upper

248 100

250 198.7 77.8 116.8#

141 470.0 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

150000

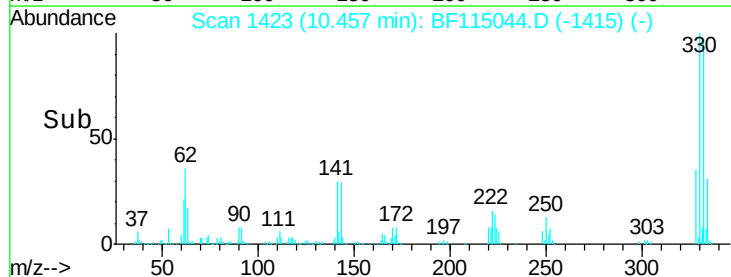
100000

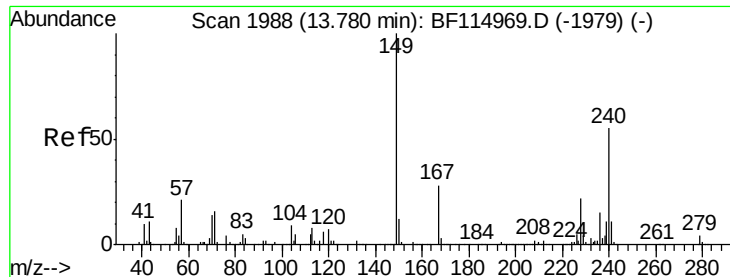
50000

0

10.40 10.45 10.50 10.55

Time-->

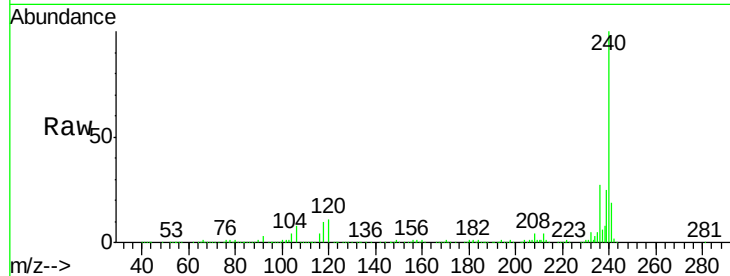




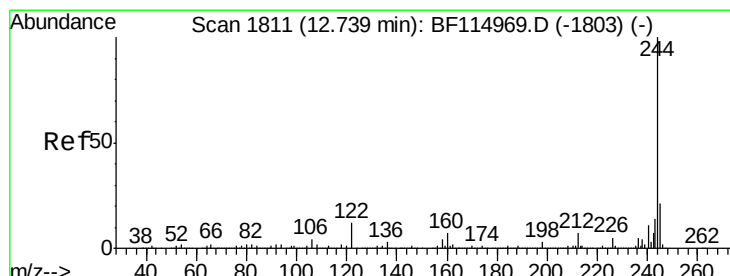
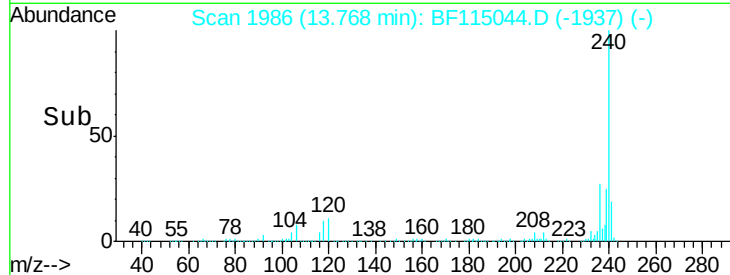
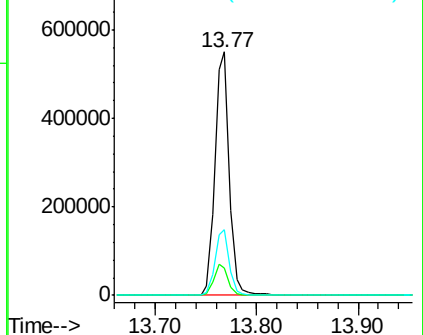
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115044.D
 Acq: 14 Jun 2019 17:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 541599
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.0 15.0
 236 27.0 21.6 32.4

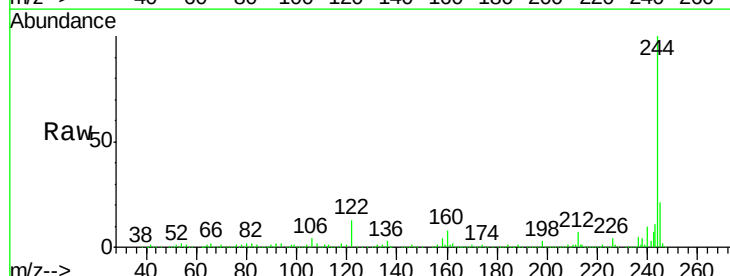


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

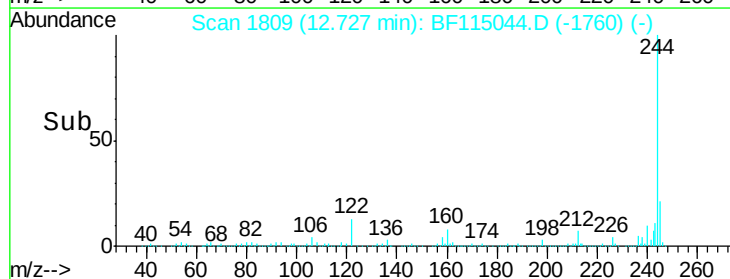
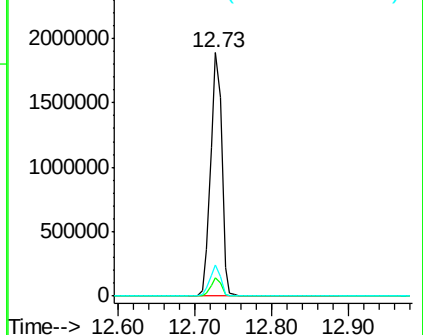


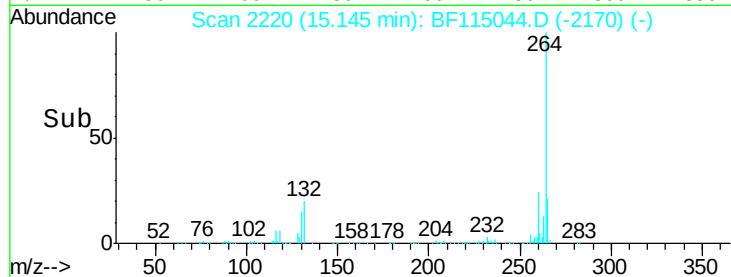
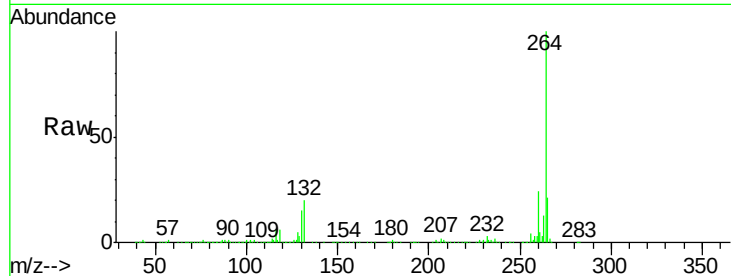
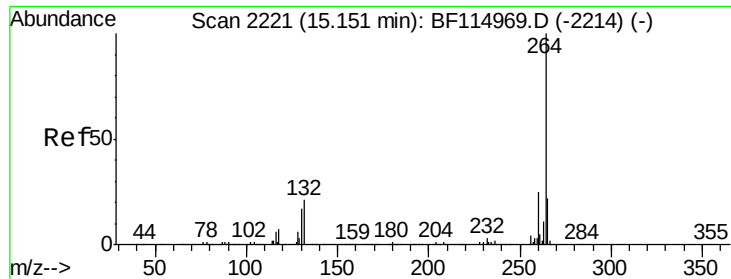
#79
 Terphenyl-d14
 Concen: 64.829 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF115044.D
 Acq: 14 Jun 2019 17:19

Tgt Ion:244 Resp: 1866756
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 12.9 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: BF115044.D
 Acq: 14 Jun 2019 17:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.4	17.6	26.4

