

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115048.D
 Acq On : 14 Jun 2019 19:05
 Operator : HP/JU
 Sample : K3369-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:52:03 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

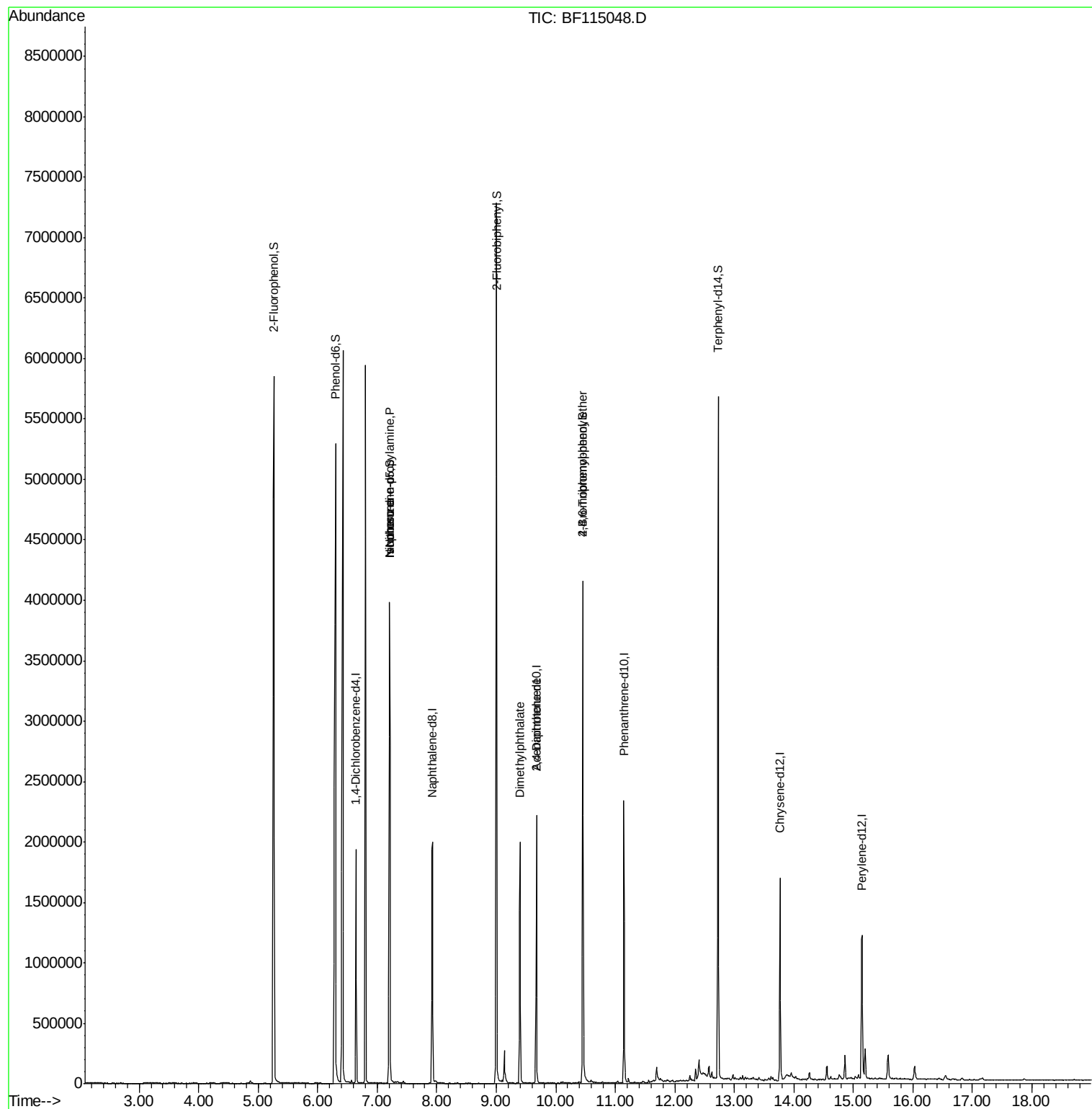
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	276076	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1023801	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	473916	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	830556	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	559144	20.00	ng	-0.01
87) Perylene-d12	15.14	264	542269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1990341	120.38	ng	0.00
7) Phenol-d6	6.30	99	2465665	123.63	ng	0.00
23) Nitrobenzene-d5	7.21	82	1535140	90.26	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	545027	107.39	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2495168	89.23	ng	0.00
79) Terphenyl-d14	12.73	244	2171736	73.05	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.42	77	44273	Below Cal		Qvalue 81
19) n-Nitroso-di-n-propylamine	7.21	70	203782	16.817 ng	#	78
25) Isophorone	7.21	82	1501135	47.122 ng	#	62
50) Dimethylphthalate	9.40	163	804348	22.568 ng		98
57) 2,4-Dinitrotoluene	9.67	165	60621	5.891 ng	#	29
58) Fluorene	10.22	166	897	Below Cal	#	94
67) 4-Bromophenyl-phenylether	10.46	248	35225	3.950 ng	#	1

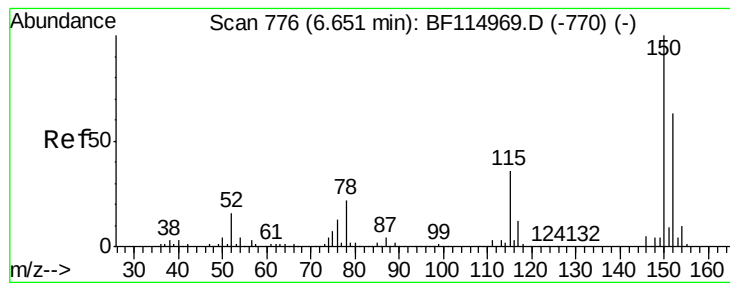
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



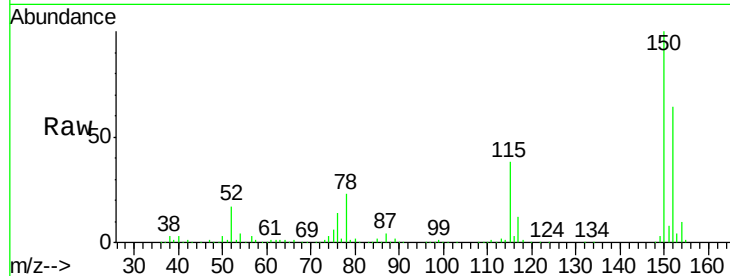


#1

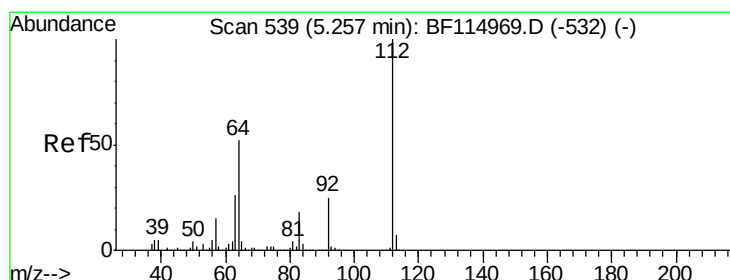
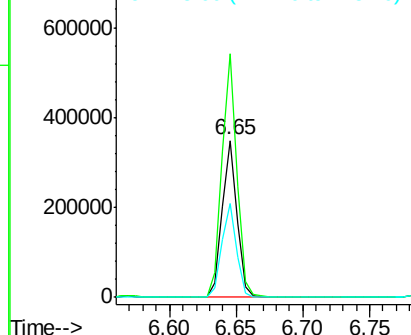
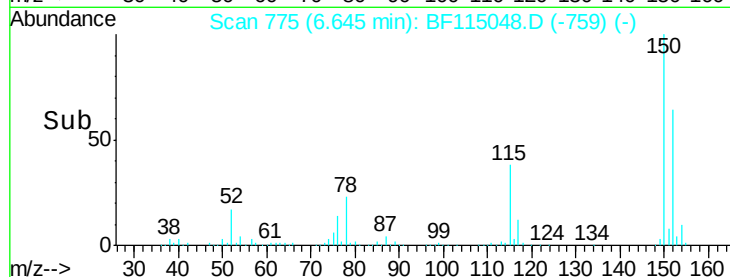
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 276076
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.0
115 59.5 46.0 69.0



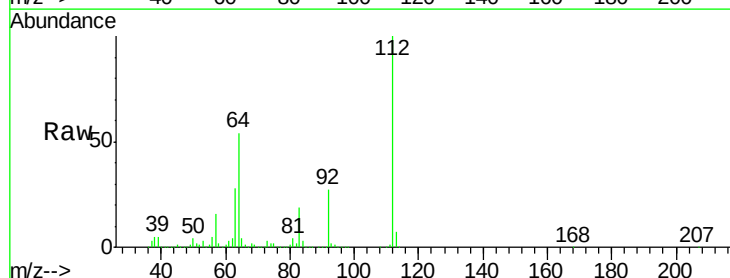
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



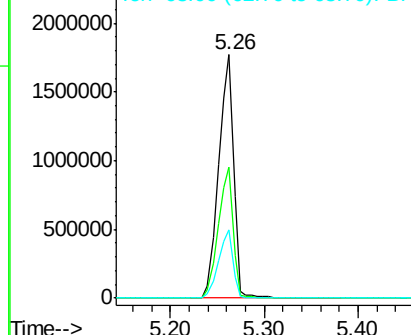
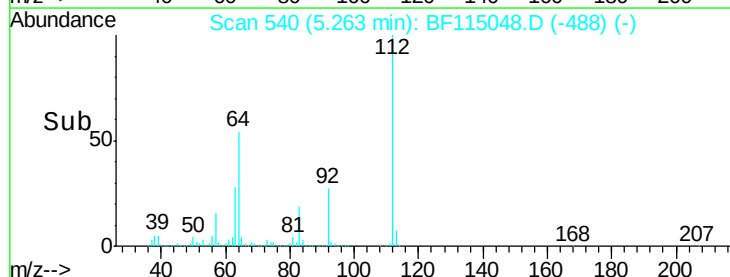
#5

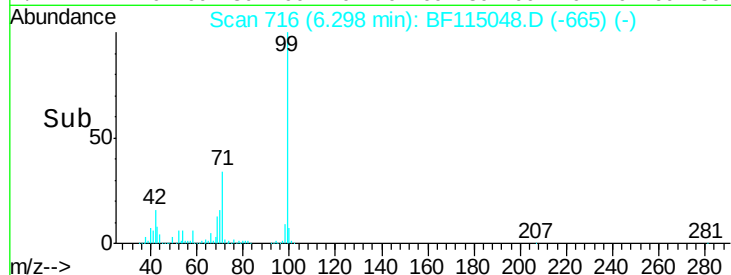
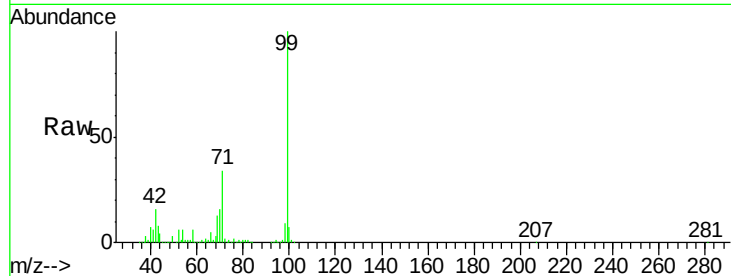
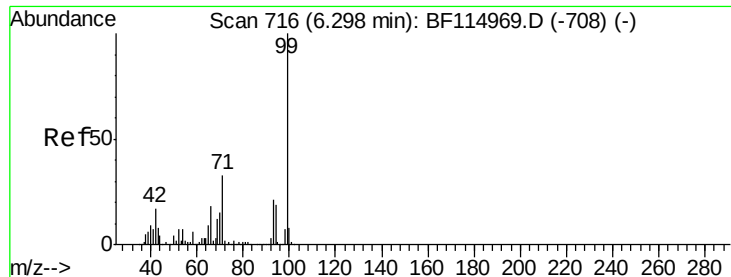
2-Fluorophenol
Concen: 120.382 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

Tgt Ion:112 Resp: 1990341
Ion Ratio Lower Upper
112 100
64 53.6 41.6 62.4
63 28.0 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: 123.628 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115048.D

Acq: 14 Jun 2019 19:05

Instrument :

BNA_F

ClientSampled :

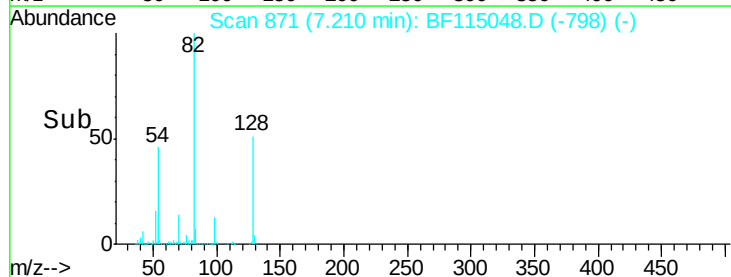
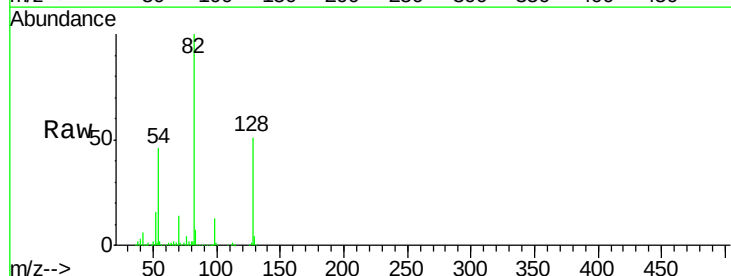
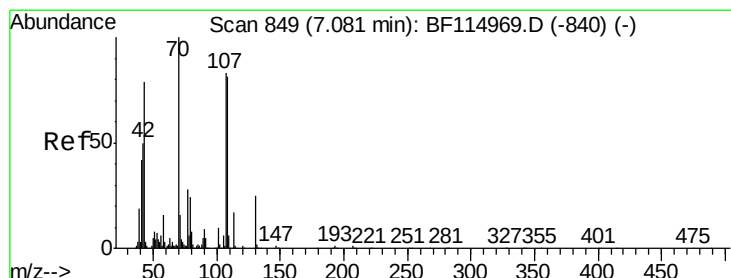
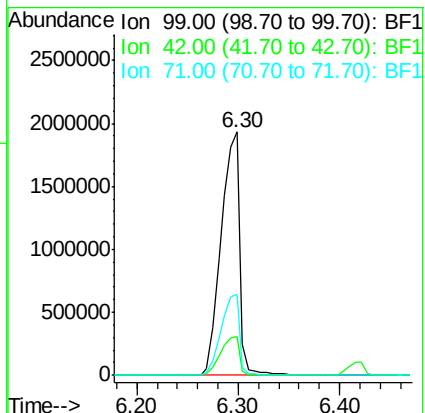
Tot Ion: 99 Resp: 2465665

Ion Ratio Lower Upper

99 100

42 16.2 13.4 20.2

71 33.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.817 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115048.D

Acq: 14 Jun 2019 19:05

Tgt Ion: 70 Resp: 203782

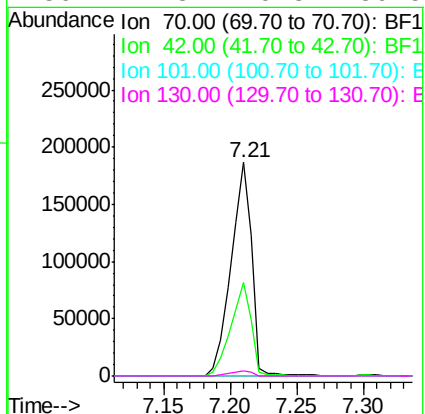
Ion Ratio Lower Upper

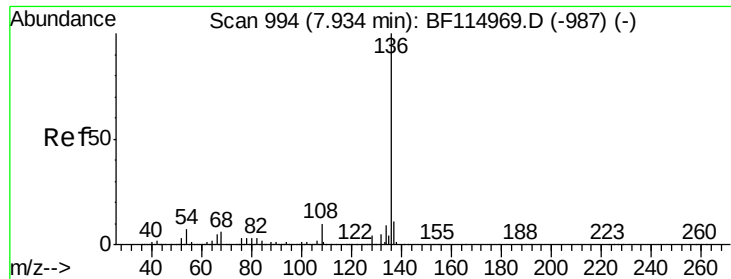
70 100

42 43.7 40.3 60.5

101 0.0 8.2 12.4#

130 2.3 20.3 30.5#

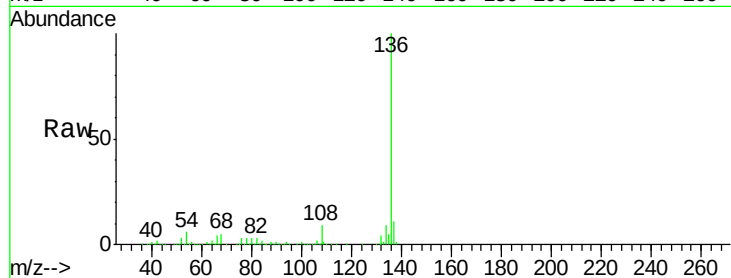




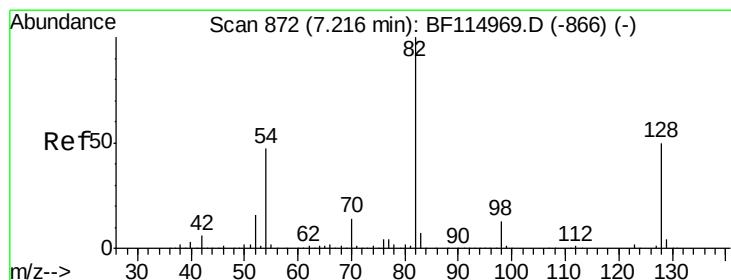
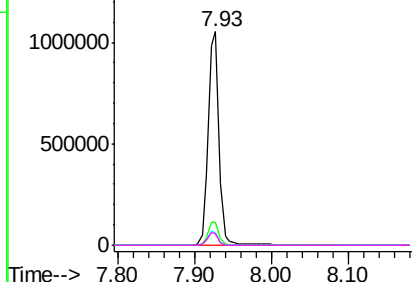
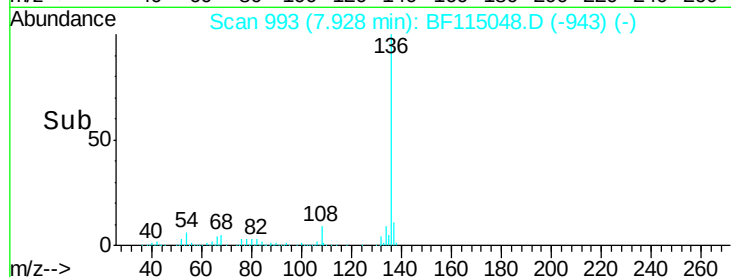
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1023801
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 5.9	5.4 8.0
68 5.1	4.6 7.0

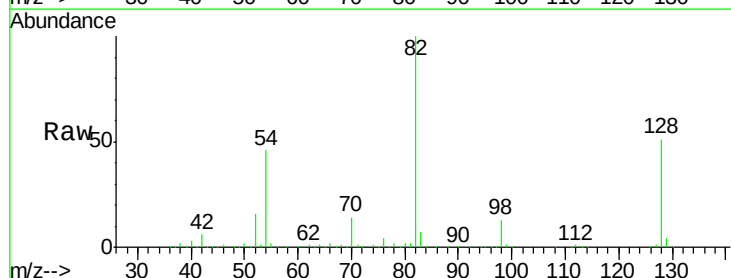


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

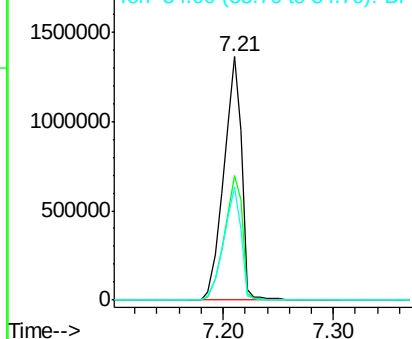
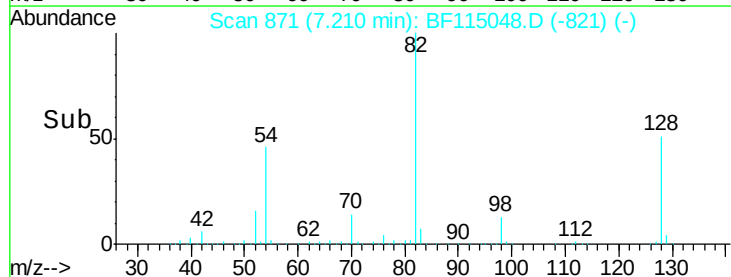


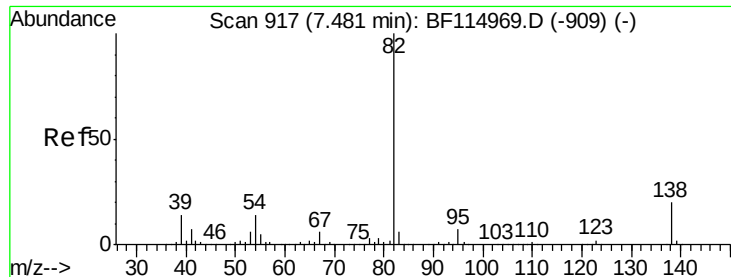
#23
Nitrobenzene-d5
Concen: 90.255 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

Tgt Ion: 82	Resp: 1535140
Ion Ratio	Lower Upper
82 100	
128 51.2	39.9 59.9
54 46.4	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

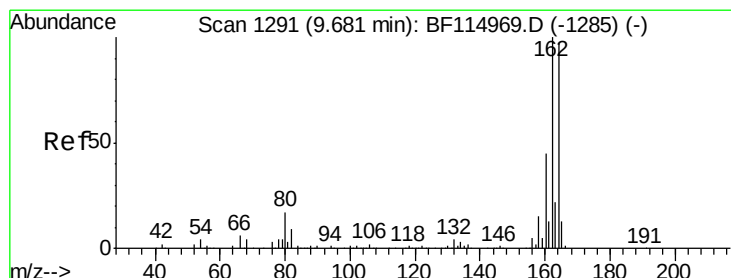
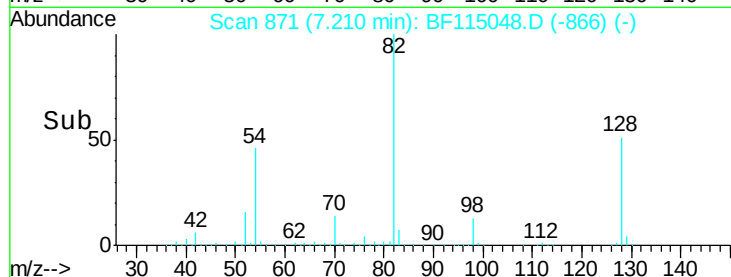
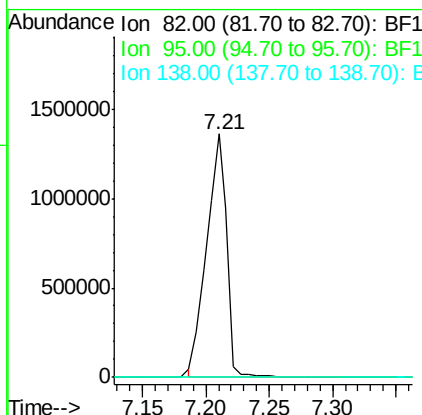
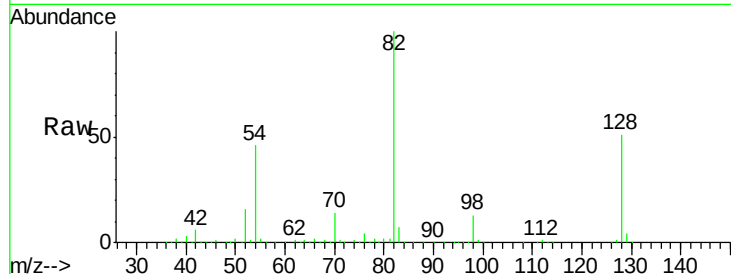




#25
Isophorone
Concen: 47.122 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

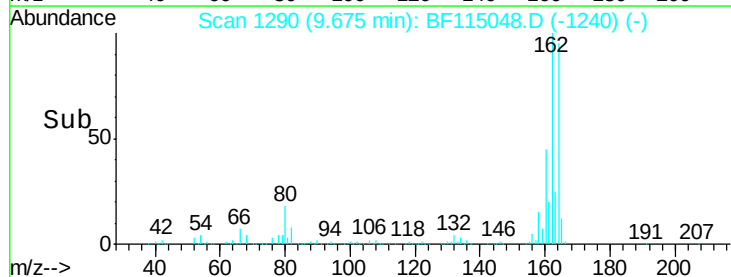
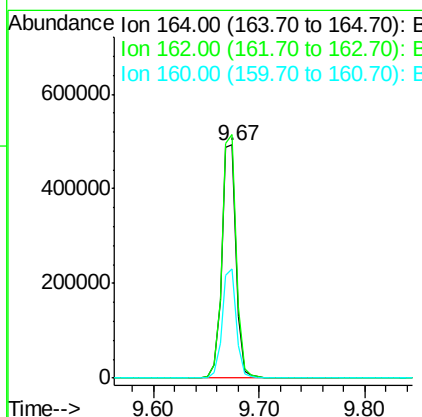
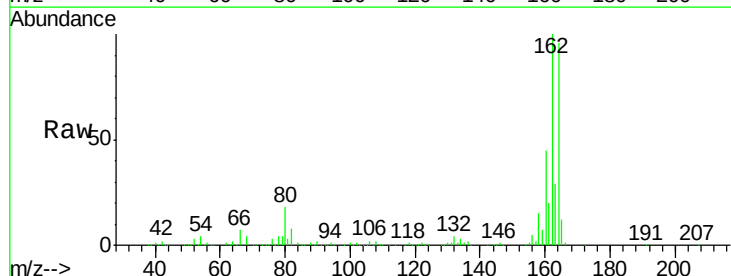
Instrument :
BNA_F
ClientSampleId :

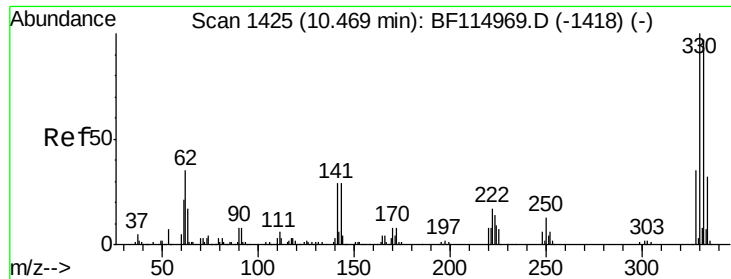
Tot Ion: 82 Resp: 1501135
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

Tgt Ion:164 Resp: 473916
Ion Ratio Lower Upper
164 100
162 104.4 82.6 124.0
160 46.8 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 107.395 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115048.D

Acq: 14 Jun 2019 19:05

Instrument :

BNA_F

ClientSampleId :

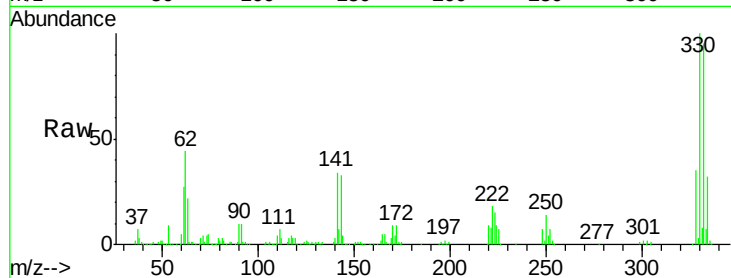
Tot Ion:330 Resp: 545027

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

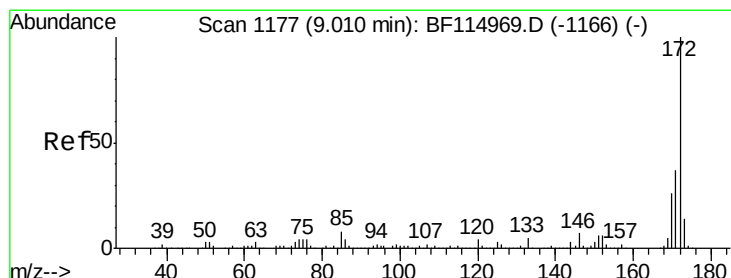
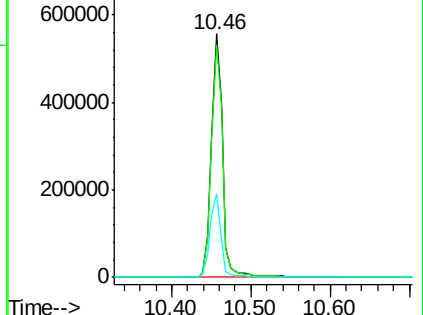
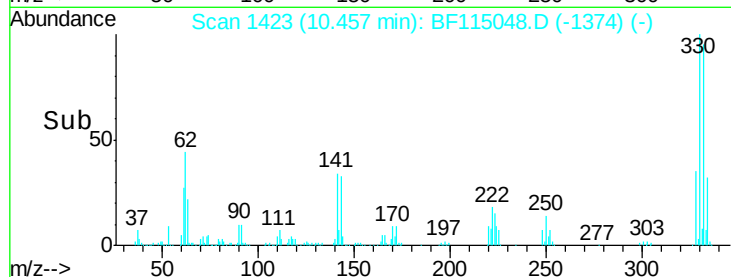
141 34.2 27.2 40.8



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: 89.233 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115048.D

Acq: 14 Jun 2019 19:05

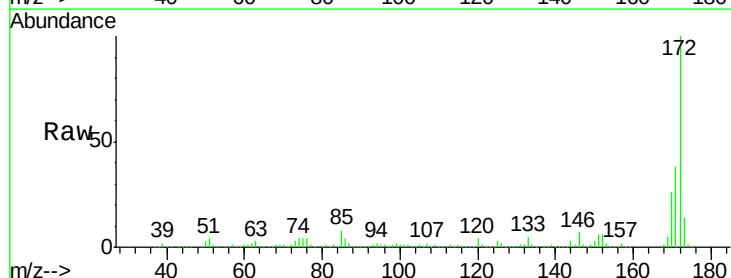
Tgt Ion:172 Resp: 2495168

Ion Ratio Lower Upper

172 100

171 38.2 29.8 44.6

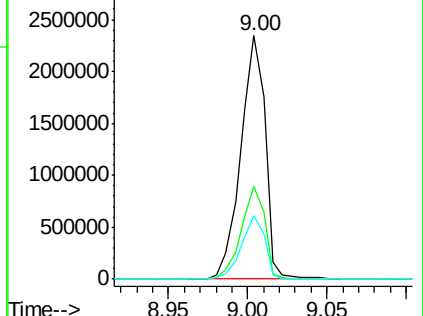
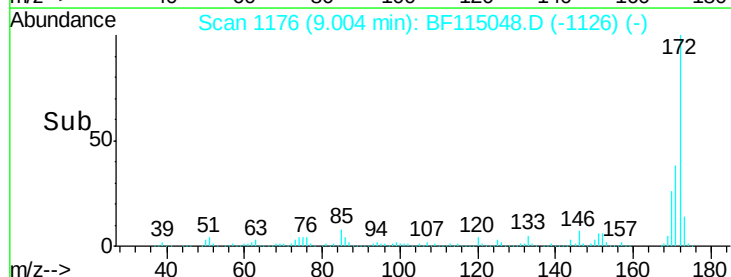
170 25.7 20.6 31.0

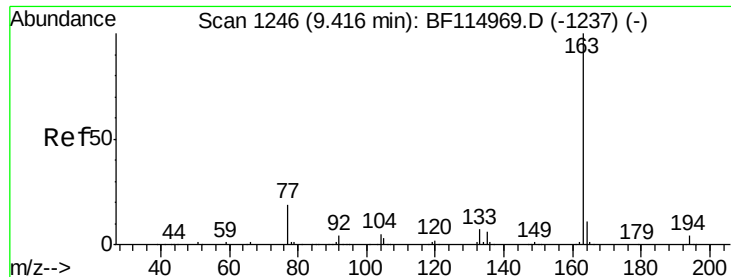


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

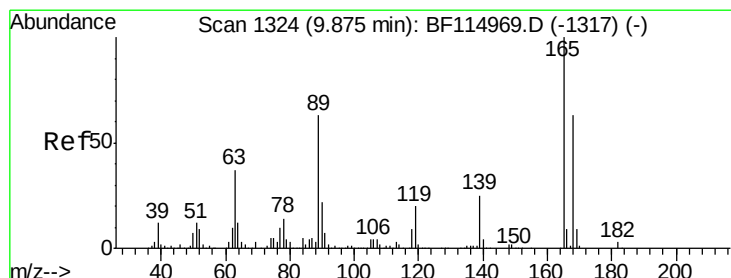
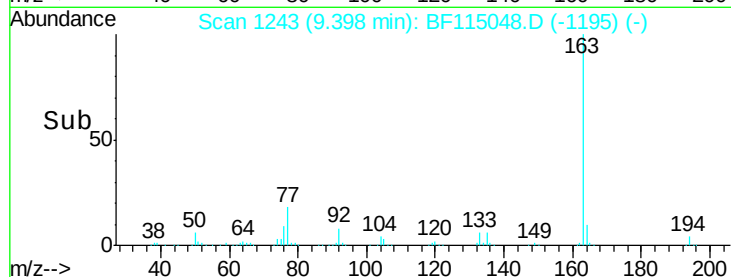
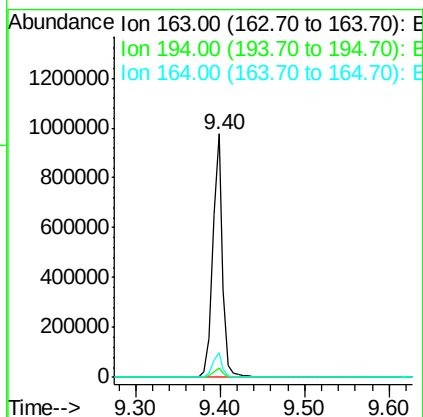
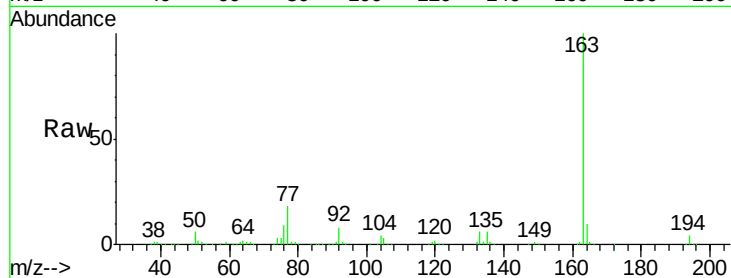




#50
Dimethylphthalate
Concen: 22.568 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

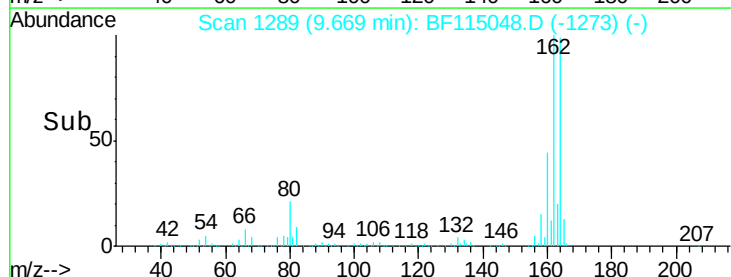
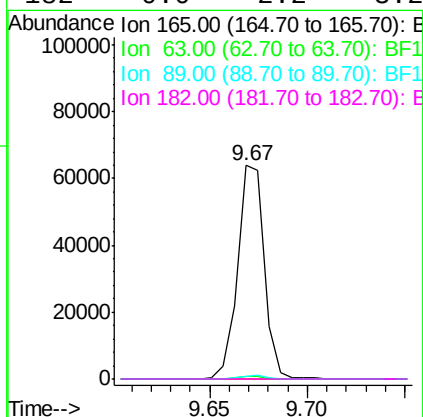
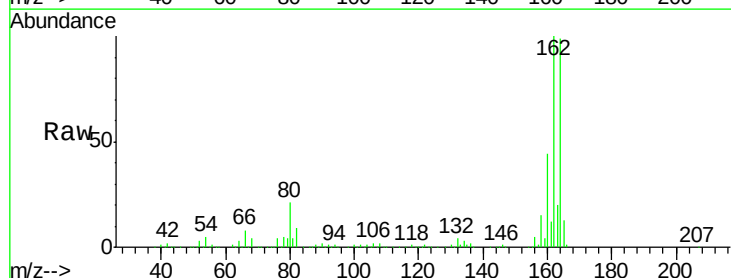
Instrument :
BNA_F
ClientSampleId :

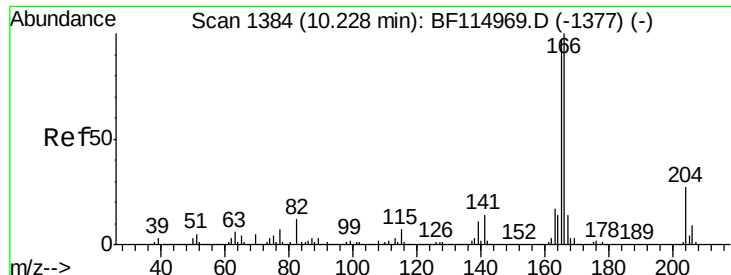
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.0	8.6	12.8



#57
2,4-Dinitrotoluene
Concen: 5.891 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.21 min
Lab File: BF115048.D
Acq: 14 Jun 2019 19:05

Tgt 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: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF115048.D

Acq: 14 Jun 2019 19:05

Instrument :

BNA_F

ClientSampled :

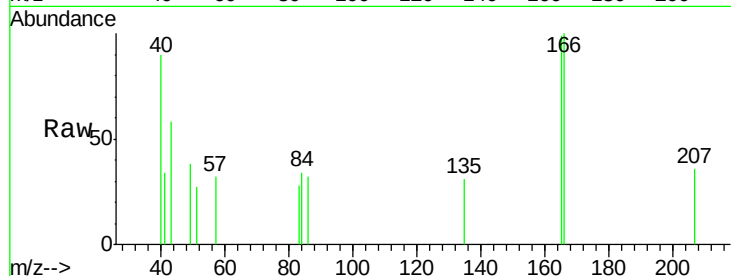
Tot Ion:166 Resp: 897

Ion Ratio Lower Upper

166 100

165 98.8 77.6 116.4

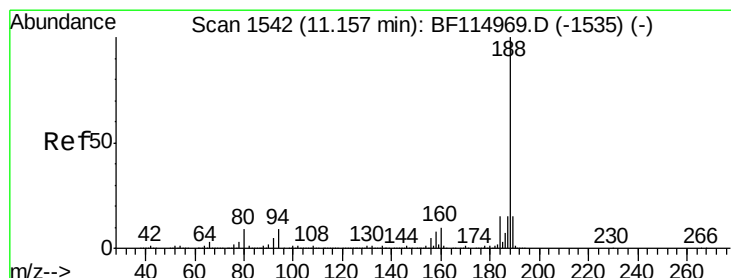
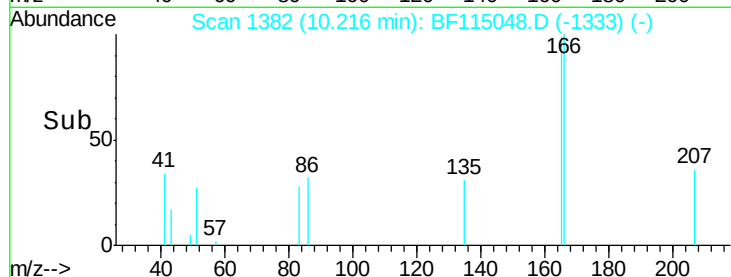
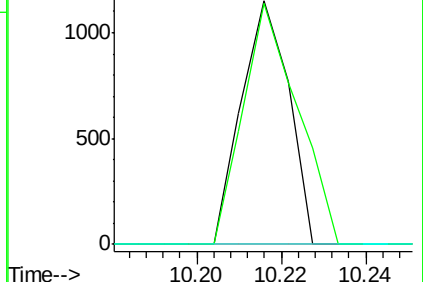
167 0.0 11.0 16.4#



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: BF115048.D

Acq: 14 Jun 2019 19:05

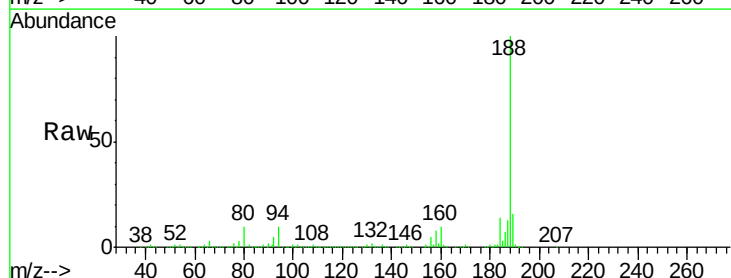
Tgt Ion:188 Resp: 830556

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

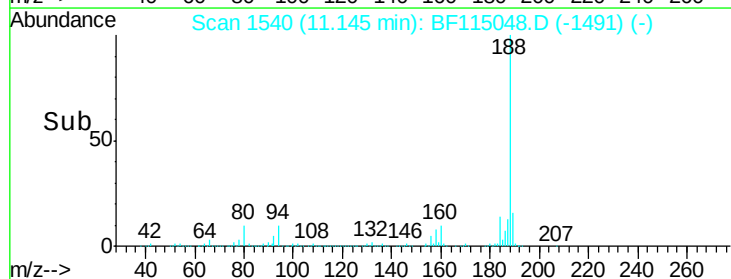
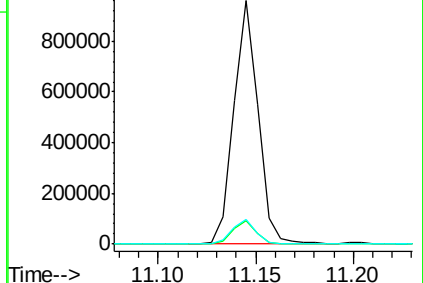
80 10.2 7.4 11.2

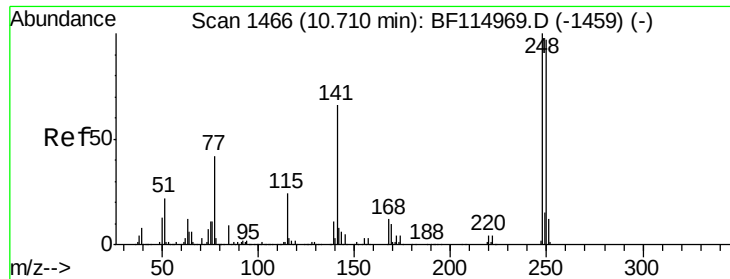


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

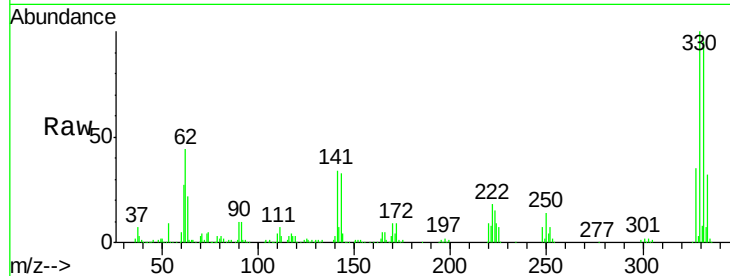




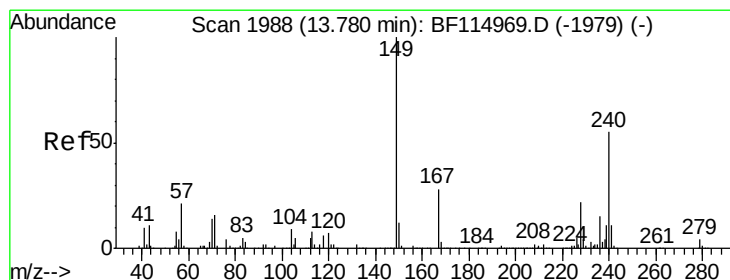
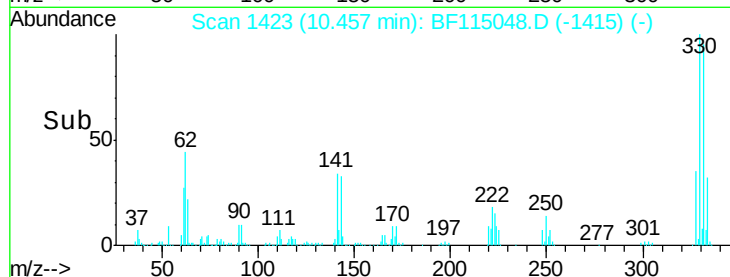
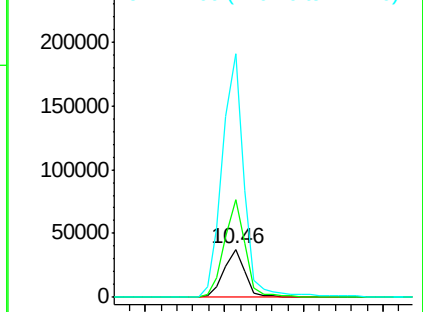
#67
 4-Bromophenyl-phenylether
 Concen: 3.950 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.25 min
 Lab File: BF115048.D
 Acq: 14 Jun 2019 19:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 35225
 Ion Ratio Lower Upper
 248 100
 250 202.3 77.8 116.8#
 141 503.0 53.1 79.7#

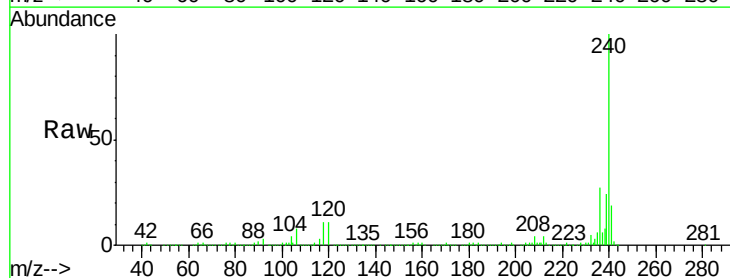


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

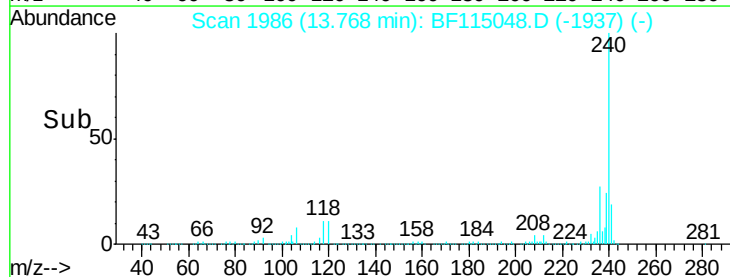
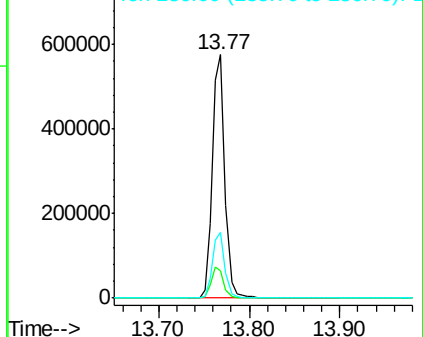


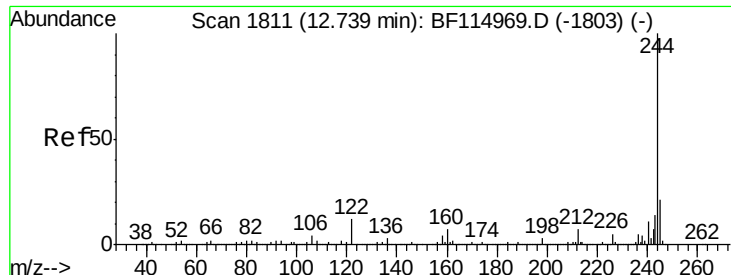
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115048.D
 Acq: 14 Jun 2019 19:05

Tgt Ion:240 Resp: 559144
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.0 15.0
 236 27.1 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

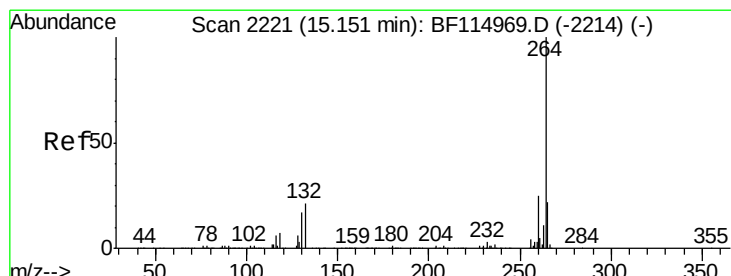
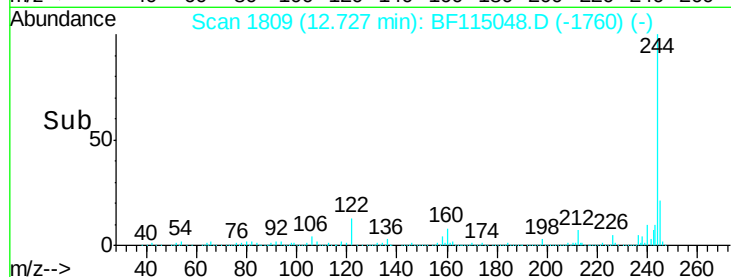
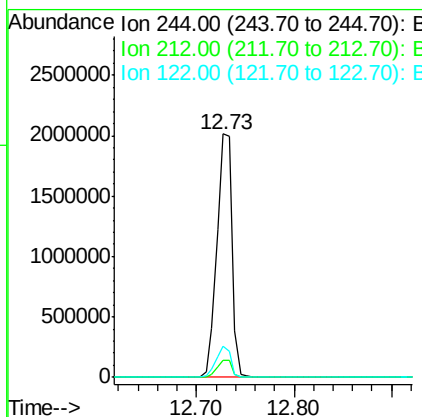
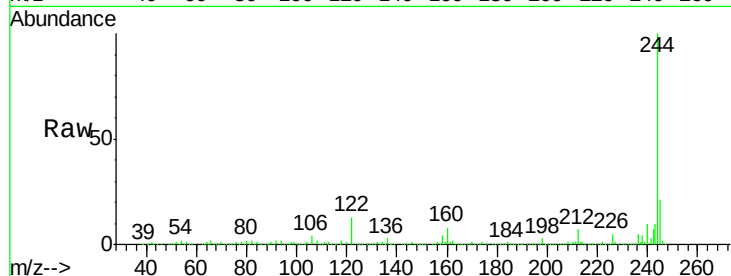




#79
 Terphenyl-d14
 Concen: 73.054 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF115048.D
 Acq: 14 Jun 2019 19:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2171736
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.9 9.4 14.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115048.D
 Acq: 14 Jun 2019 19:05

Tgt Ion:264 Resp: 542269
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.9 29.9
 265 21.2 17.6 26.4

