

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115036.D
 Acq On : 14 Jun 2019 13:36
 Operator : HP/JU
 Sample : K3372-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 15:39:05 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

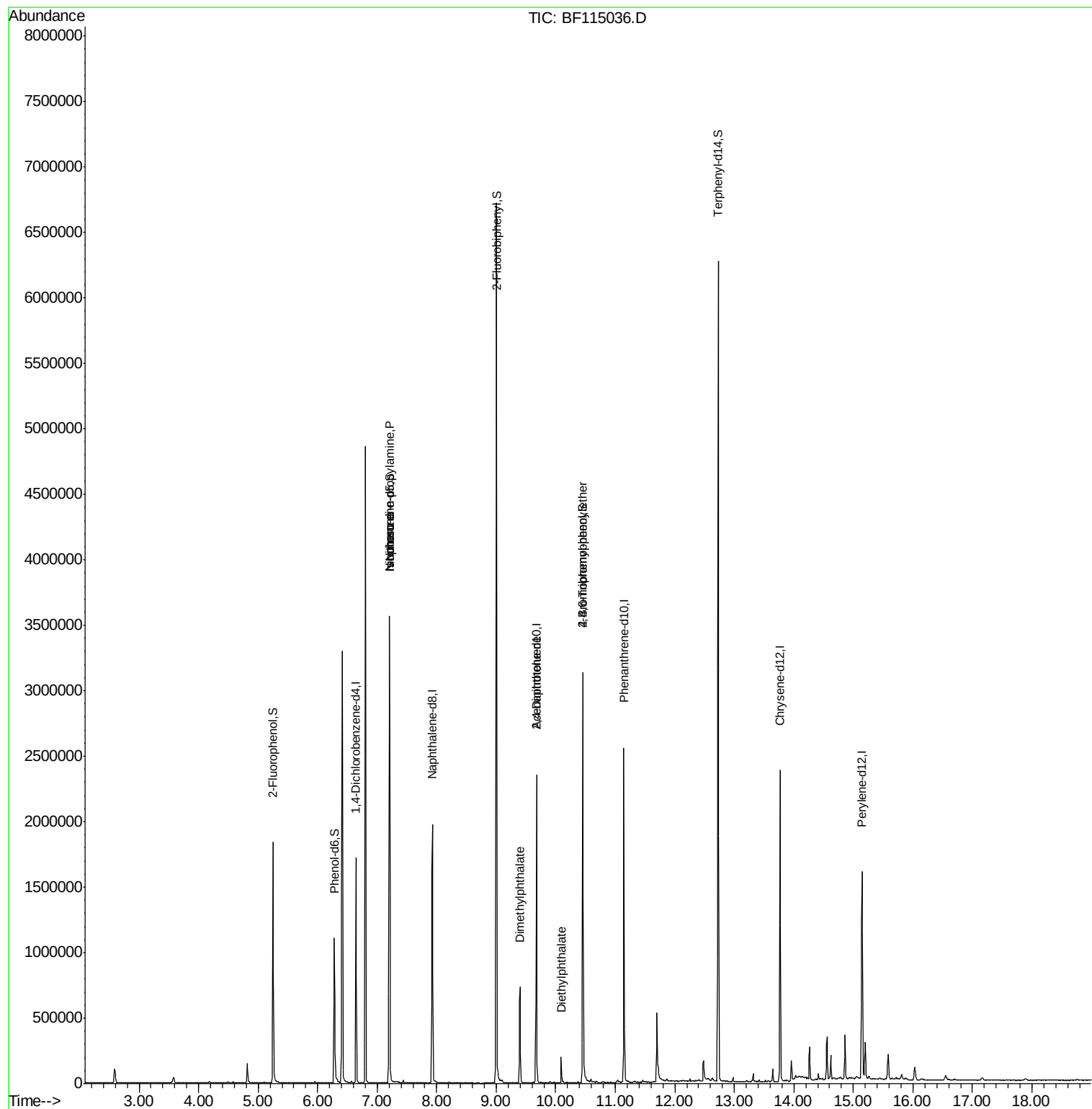
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	257821	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	999447	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	485650	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	952346	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	753082	20.00	ng	-0.01
87) Perylene-d12	15.14	264	687367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	544909	35.29	ng	0.00
7) Phenol-d6	6.28	99	404810	21.73	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1293839	77.92	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	411979	79.22	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2320857	80.99	ng	0.00
79) Terphenyl-d14	12.73	244	2312288	57.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	20664	Below Cal	#	82
19) n-Nitroso-di-n-propylamine	7.21	70	169905	15.014 ng	#	76
25) Isophorone	7.21	82	1264623	40.665 ng	#	62
50) Dimethylphthalate	9.40	163	323897	8.868 ng	#	99
57) 2,4-Dinitrotoluene	9.67	165	62338	5.912 ng	#	29
58) Fluorene	10.46	166	19491	Below Cal	#	89
60) Diethylphthalate	10.10	149	73912	2.116 ng	#	99
67) 4-Bromophenyl-phenylether	10.46	248	26365	2.578 ng	#	1

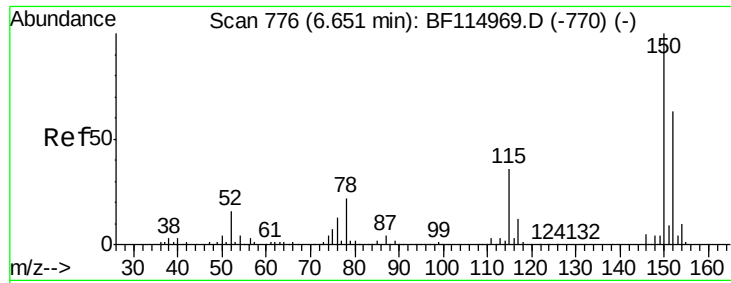
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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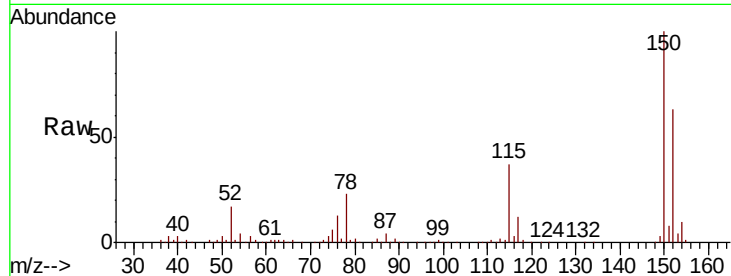




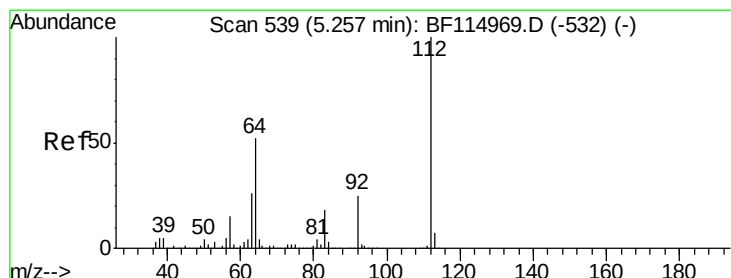
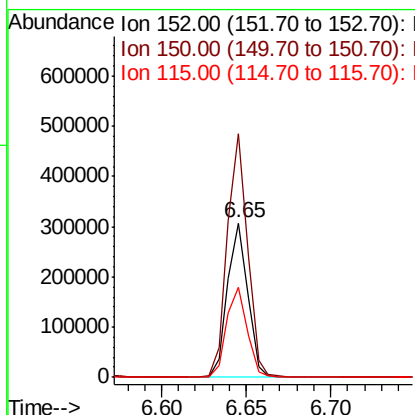
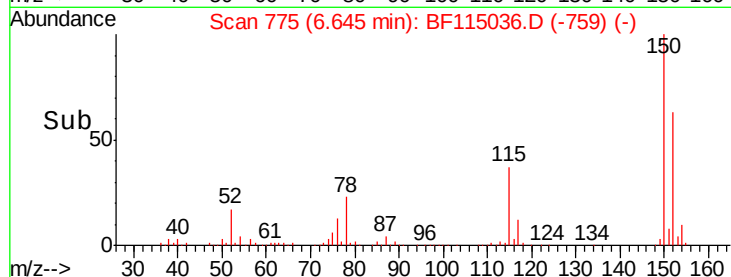
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115036.D
 Acq: 14 Jun 2019 13:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 257821
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.4 191.0
 115 58.5 46.0 69.0

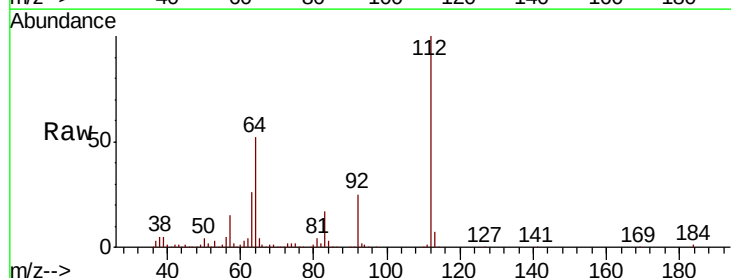


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

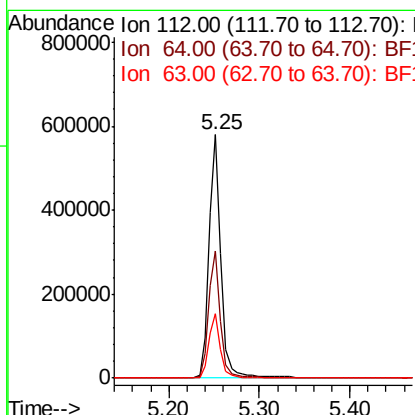
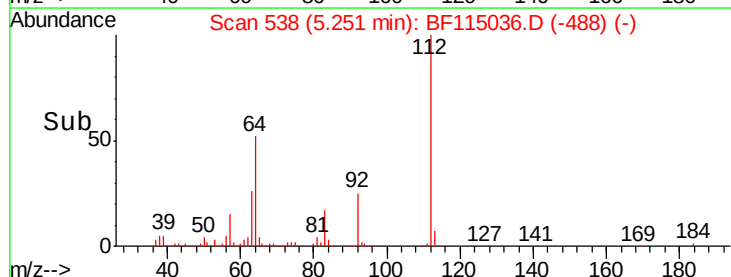


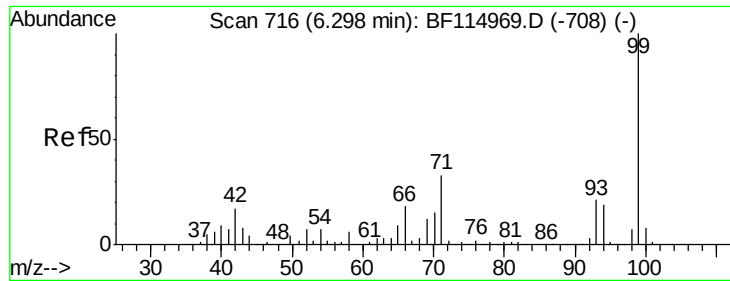
#5
 2-Fluorophenol
 Concen: 35.291 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF115036.D
 Acq: 14 Jun 2019 13:36

Tgt Ion:112 Resp: 544909
 Ion Ratio Lower Upper
 112 100
 64 52.1 41.6 62.4
 63 26.4 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: 21.734 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115036.D

Acq: 14 Jun 2019 13:36

Instrument :

BNA_F

ClientSampled :

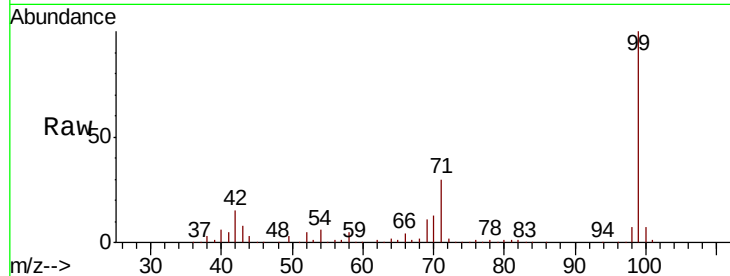
Tot Ion: 99 Resp: 404810

Ion Ratio Lower Upper

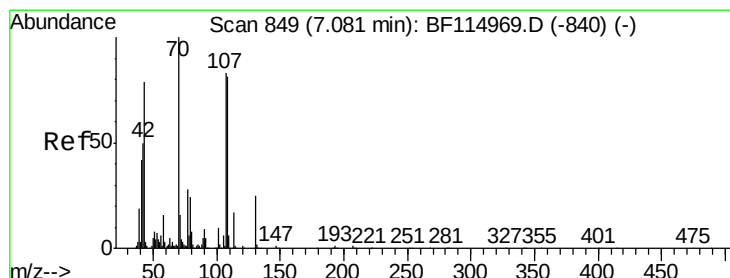
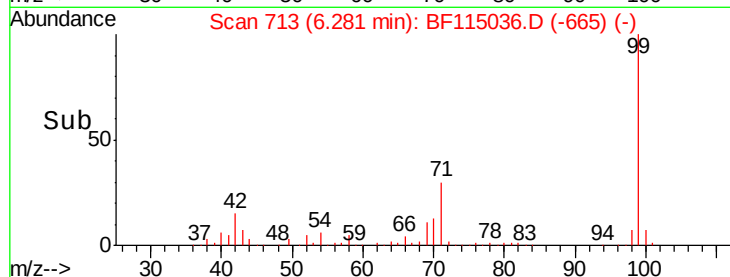
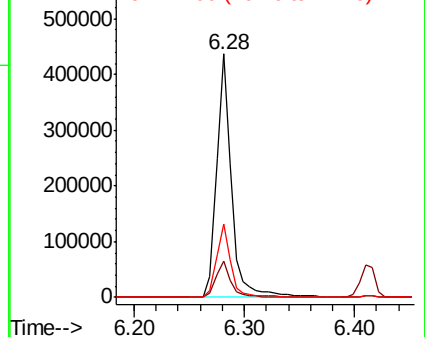
99 100

42 15.2 13.4 20.2

71 30.1 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: 15.014 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115036.D

Acq: 14 Jun 2019 13:36

Tgt Ion: 70 Resp: 169905

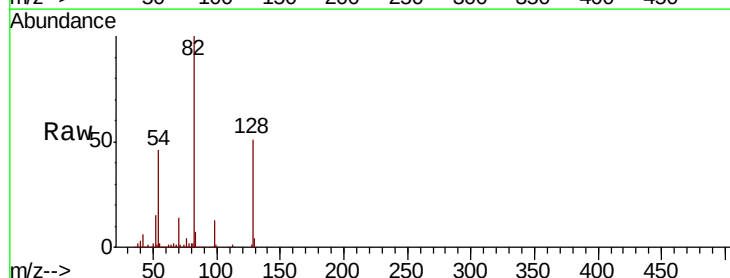
Ion Ratio Lower Upper

70 100

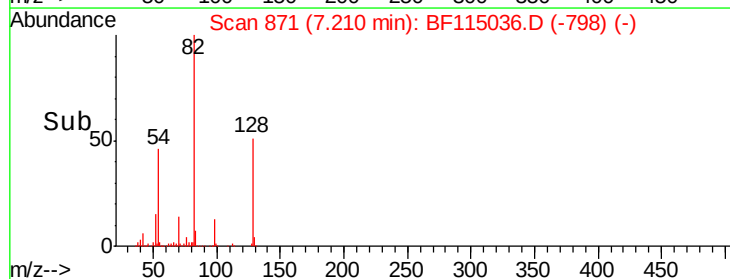
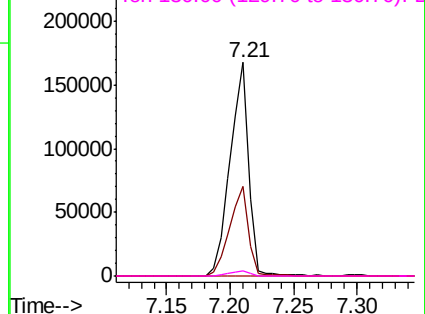
42 41.7 40.3 60.5

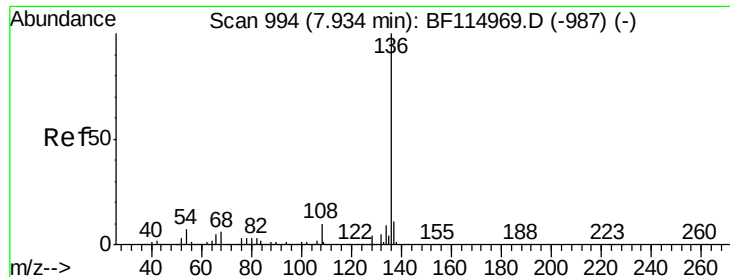
101 0.0 8.2 12.4#

130 2.5 20.3 30.5#



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): E
Ion 130.00 (129.70 to 130.70): E

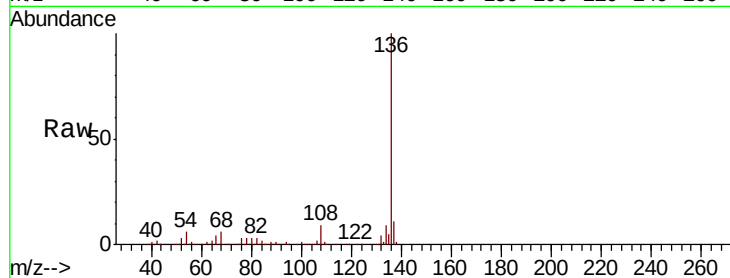




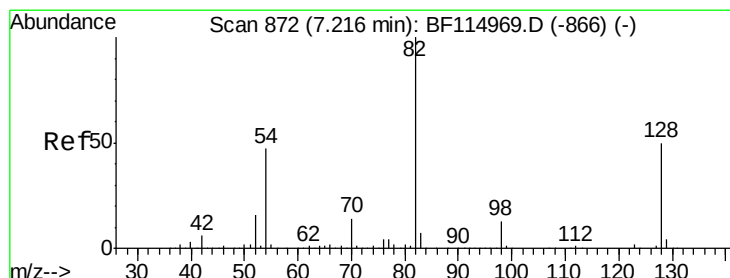
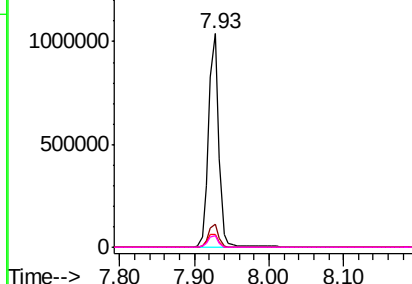
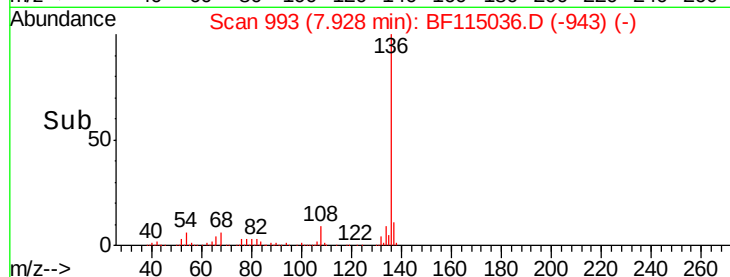
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115036.D
Acq: 14 Jun 2019 13:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	999447
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.0	13.4
54 6.1	5.4	8.0
68 5.6	4.6	7.0

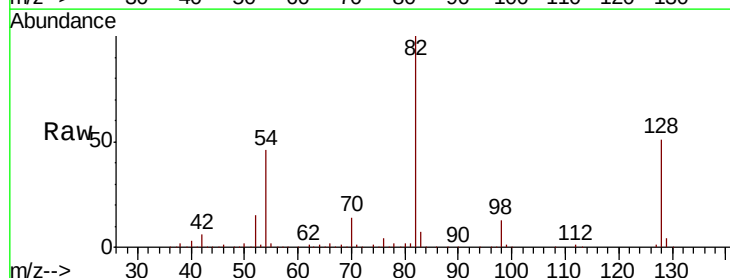


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

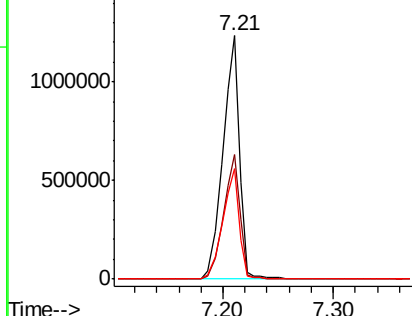
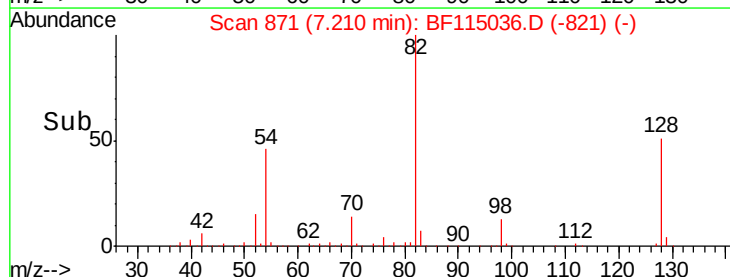


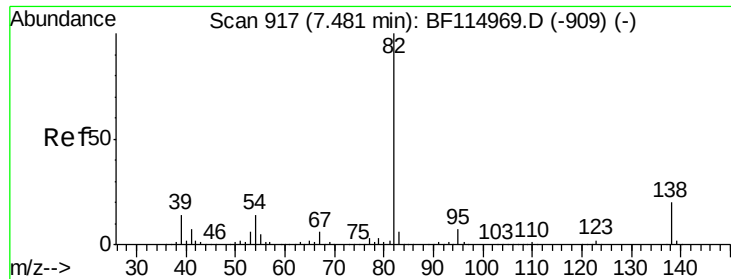
#23
Nitrobenzene-d5
Concen: 77.922 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115036.D
Acq: 14 Jun 2019 13:36

Tgt Ion: 82	Resp: 1293839
Ion Ratio	Lower Upper
82 100	
128 51.1	39.9 59.9
54 45.5	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: 40.665 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115036.D

Acq: 14 Jun 2019 13:36

Instrument :

BNA_F

ClientSampleId :

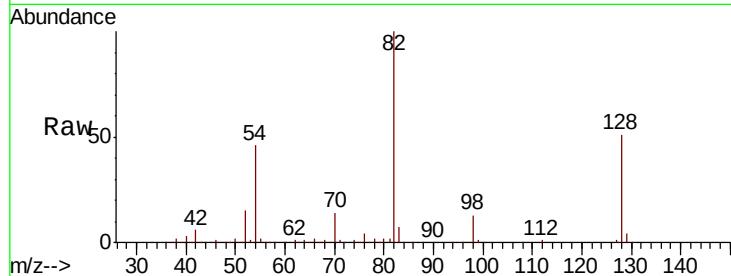
Tot Ion: 82 Resp: 1264623

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

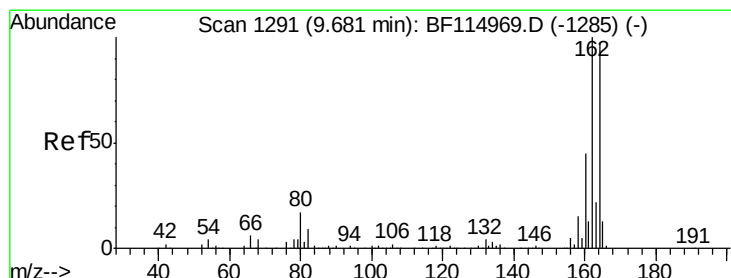
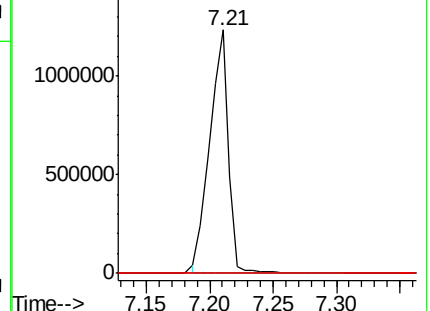
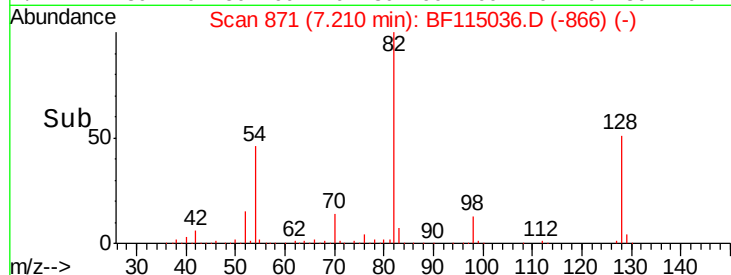
138 0.0 16.1 24.1#



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: BF115036.D

Acq: 14 Jun 2019 13:36

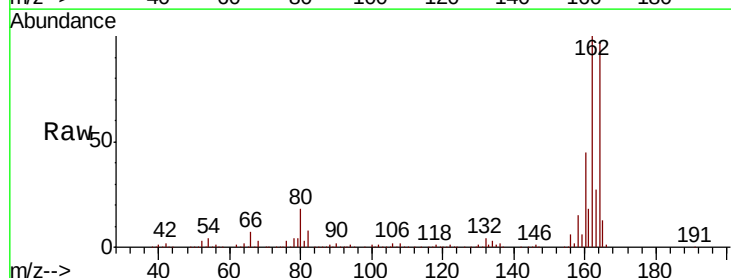
Tgt Ion: 164 Resp: 485650

Ion Ratio Lower Upper

164 100

162 103.1 82.6 124.0

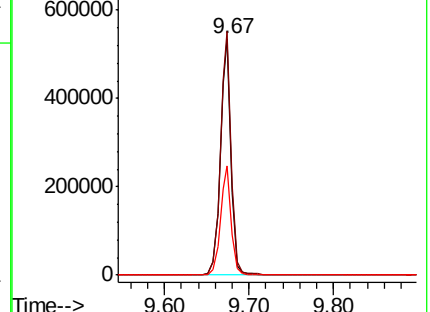
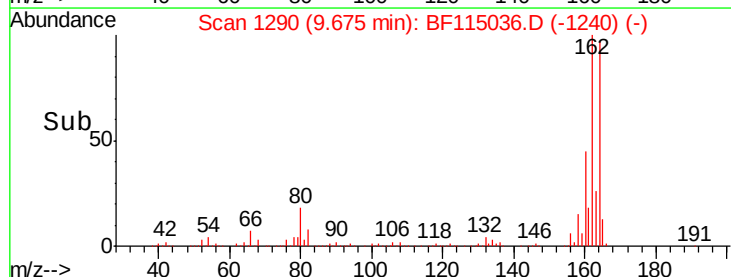
160 46.0 36.9 55.3

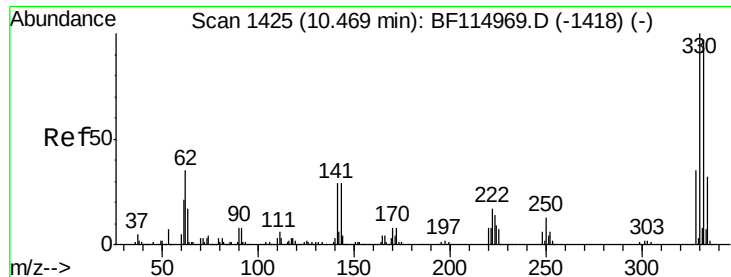


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

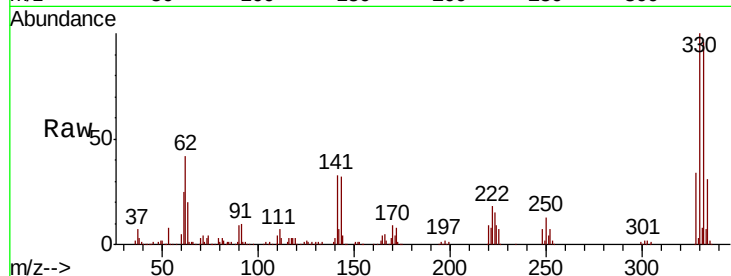




#42
 2,4,6-Tribromophenol
 Concen: 79.217 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115036.D
 Acq: 14 Jun 2019 13:36

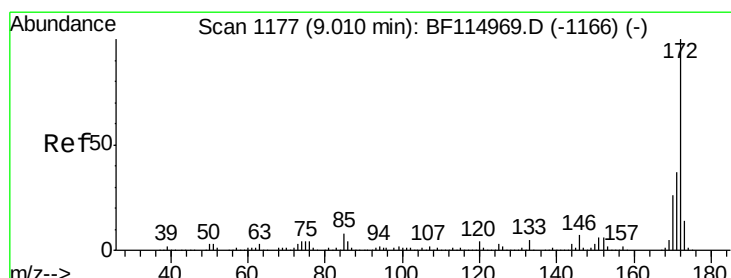
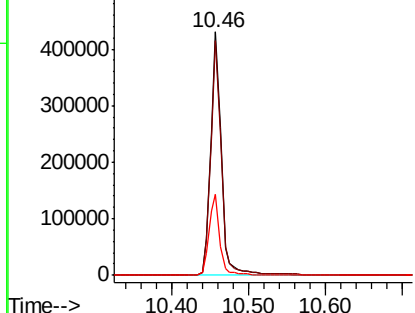
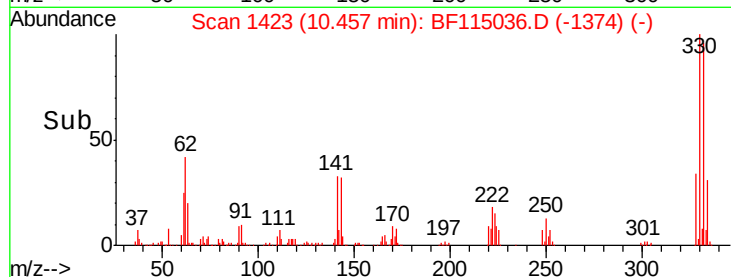
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.6	116.4
141	34.1	27.2	40.8



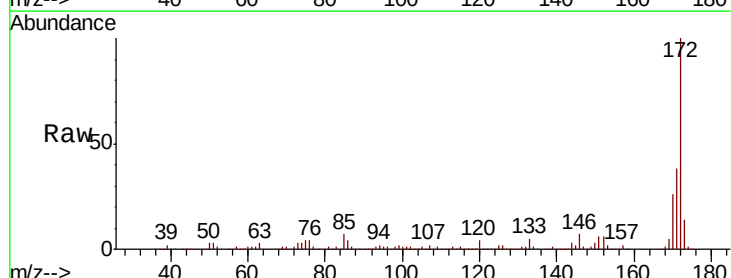
Abundance

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



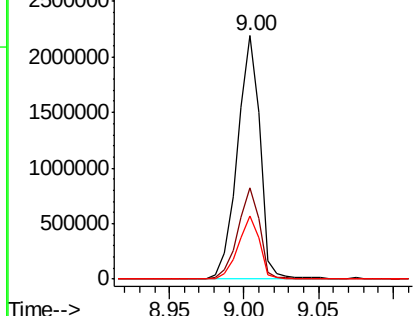
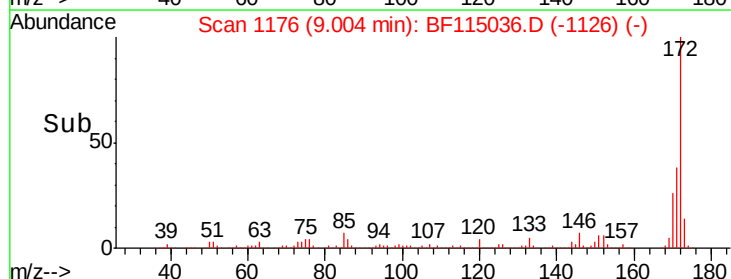
#45
 2-Fluorobiphenyl
 Concen: 80.994 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115036.D
 Acq: 14 Jun 2019 13:36

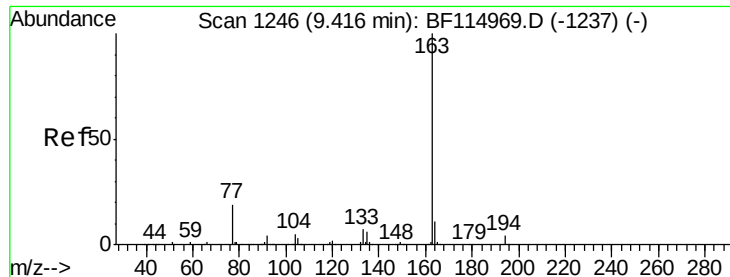
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	25.8	20.6	31.0



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

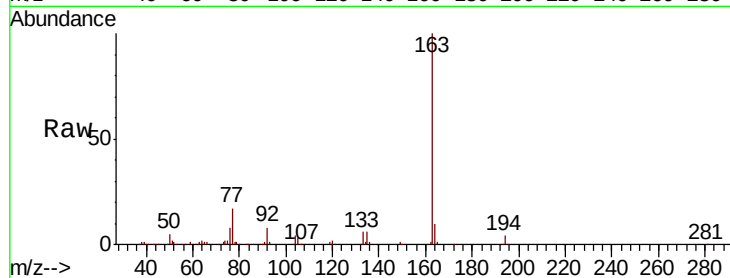




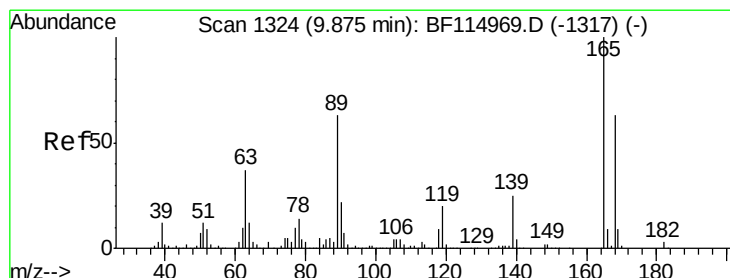
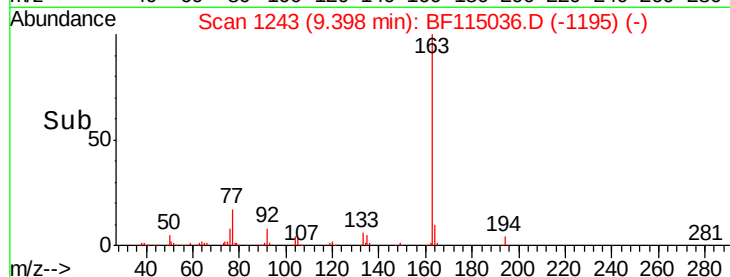
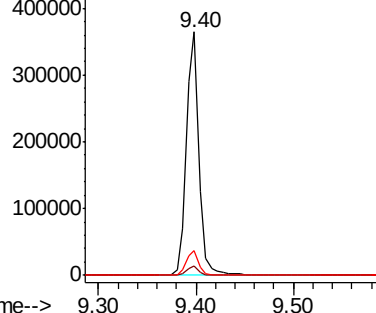
#50
Dimethylphthalate
Concen: 8.868 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115036.D
Acq: 14 Jun 2019 13:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 323897
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.6 12.8

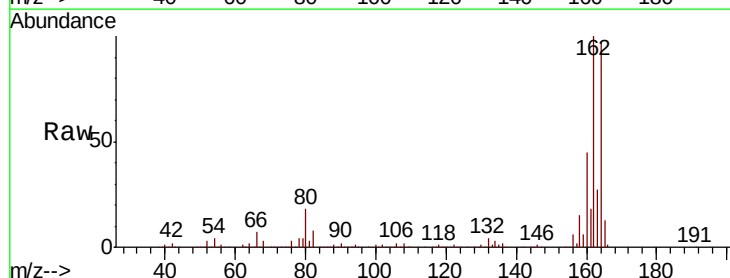


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

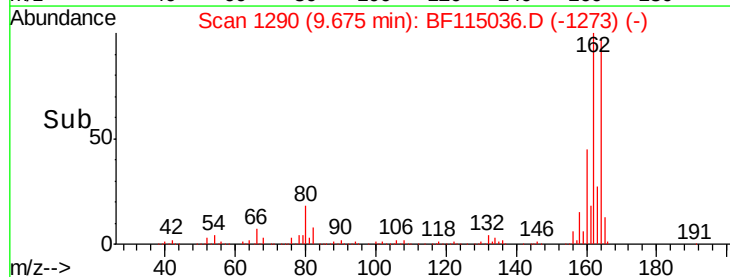
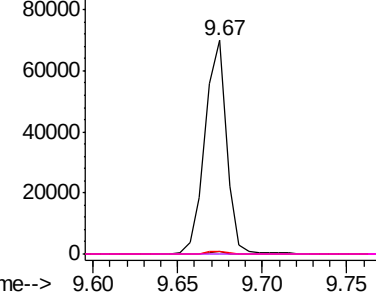


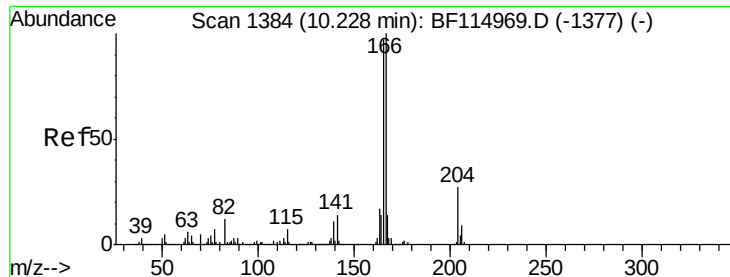
#57
2,4-Dinitrotoluene
Concen: 5.912 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115036.D
Acq: 14 Jun 2019 13:36

Tgt Ion:165 Resp: 62338
Ion Ratio Lower Upper
165 100
63 1.0 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: BF115036.D

Acq: 14 Jun 2019 13:36

Instrument :

BNA_F

ClientSampled :

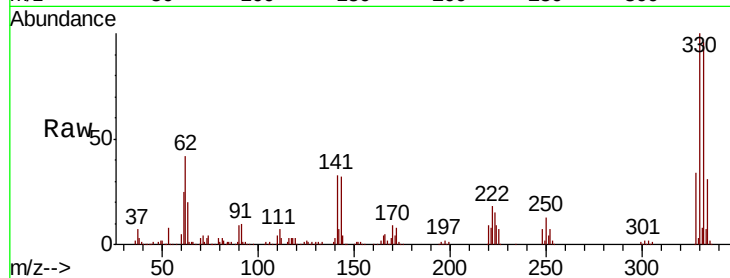
Tot Ion:166 Resp: 19491

Ion Ratio Lower Upper

166 100

165 94.1 77.6 116.4

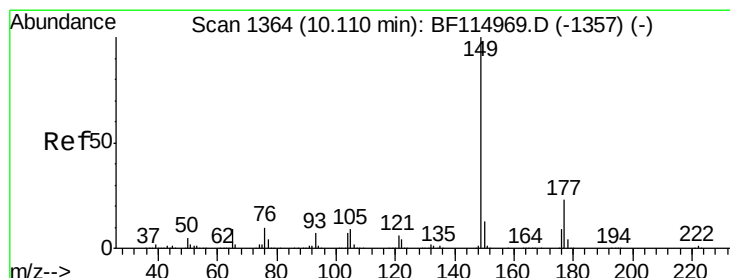
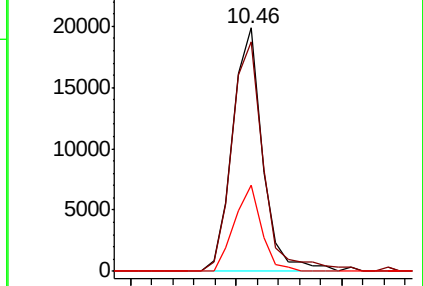
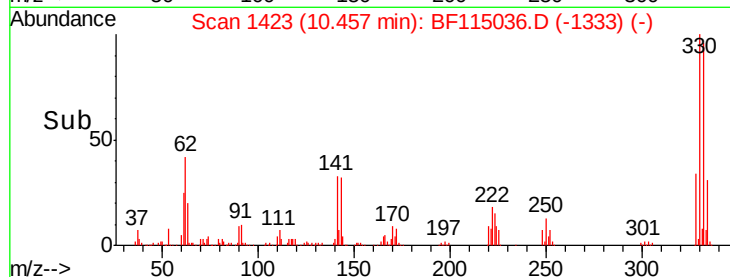
167 40.8 11.0 16.4#



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



#60

Diethylphthalate

Concen: 2.116 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF115036.D

Acq: 14 Jun 2019 13:36

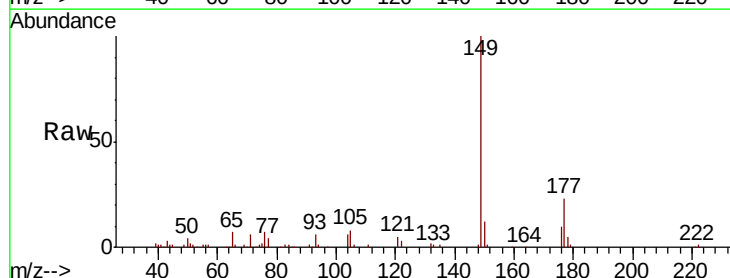
Tgt Ion:149 Resp: 73912

Ion Ratio Lower Upper

149 100

177 23.3 18.6 27.8

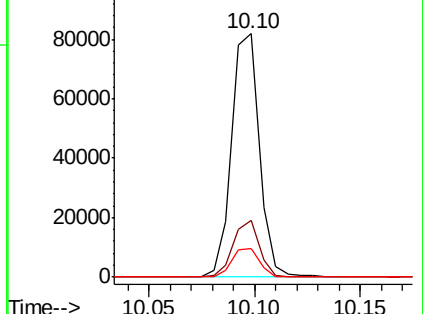
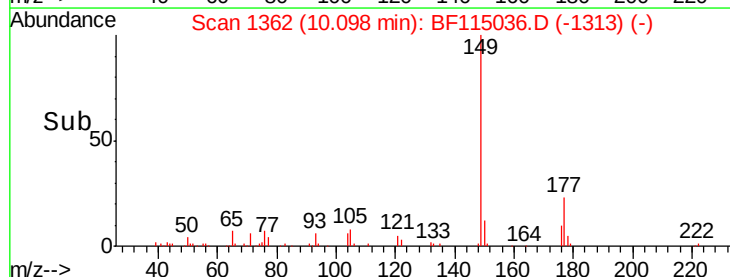
150 11.8 10.5 15.7

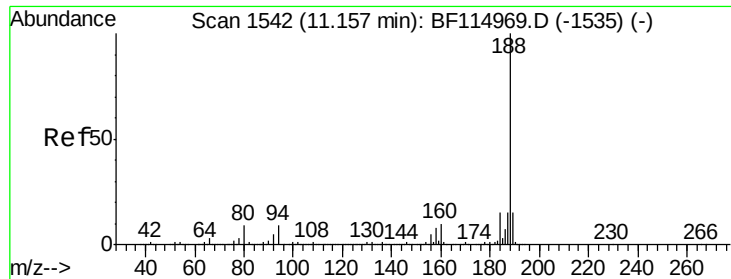


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115036.D

Acq: 14 Jun 2019 13:36

Instrument :

BNA_F

ClientSampleId :

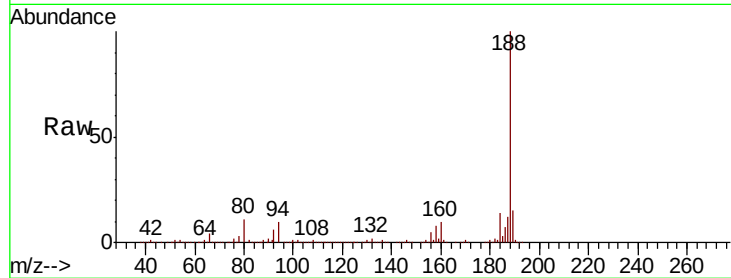
Tot Ion:188 Resp: 952346

Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

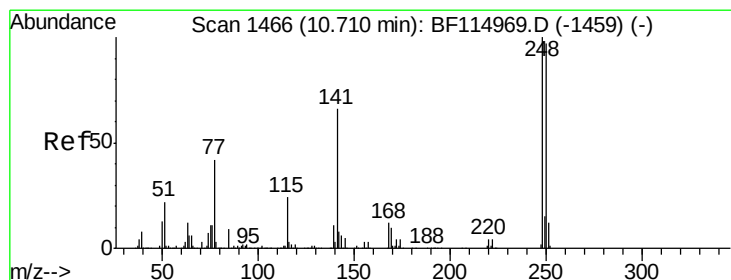
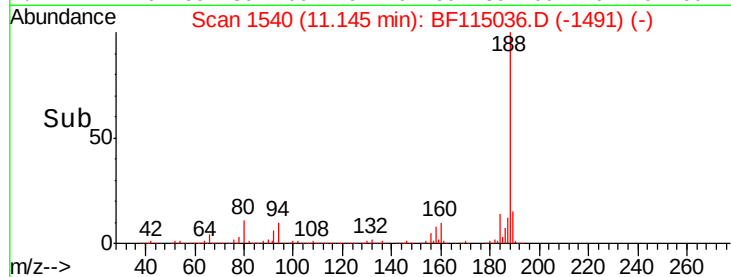
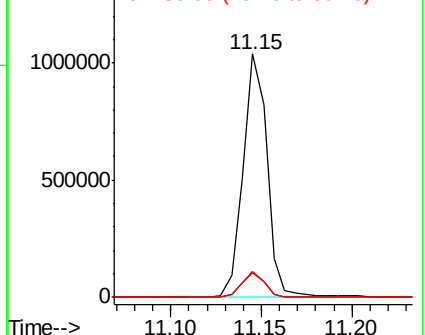
80 10.8 7.4 11.2



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: 2.578 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.25 min

Lab File: BF115036.D

Acq: 14 Jun 2019 13:36

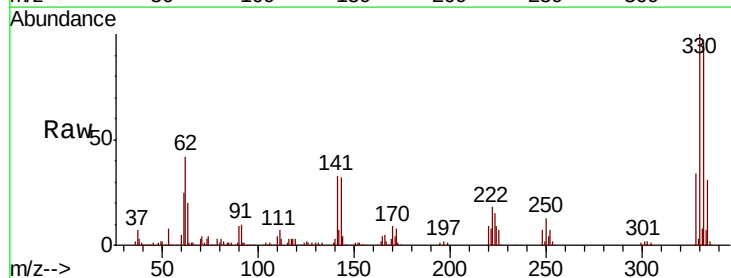
Tgt Ion:248 Resp: 26365

Ion Ratio Lower Upper

248 100

250 196.6 77.8 116.8#

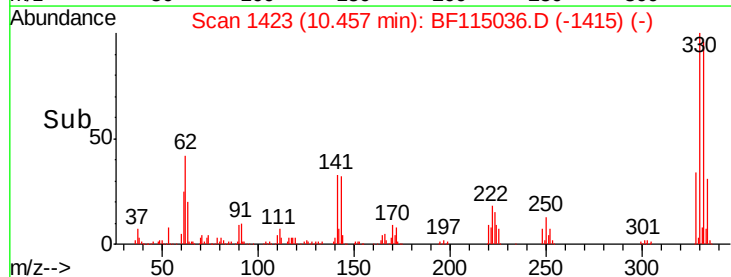
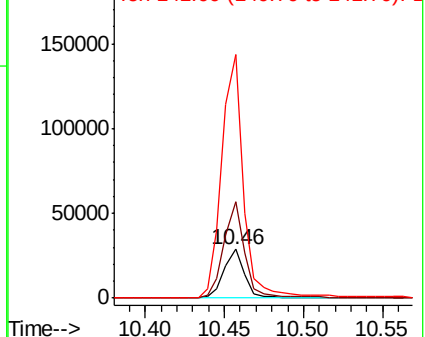
141 498.0 53.1 79.7#

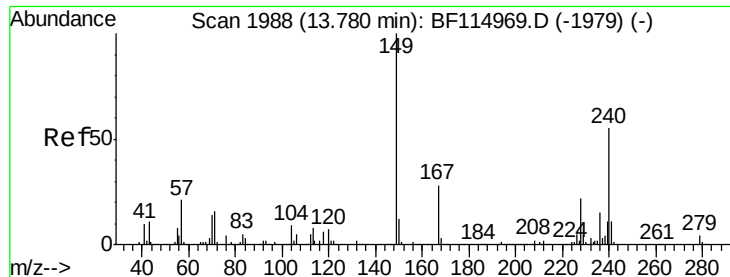


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

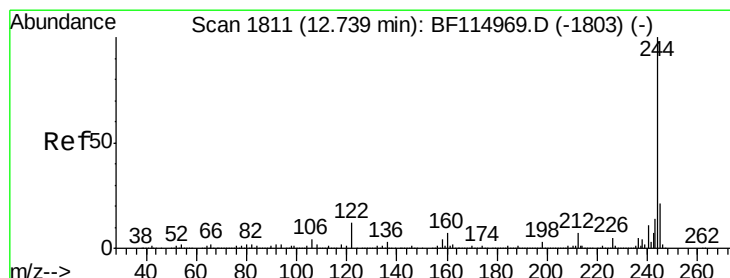
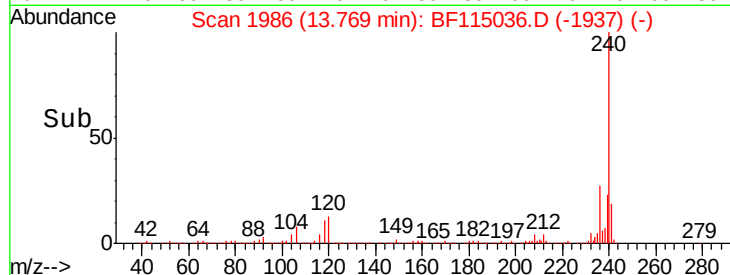
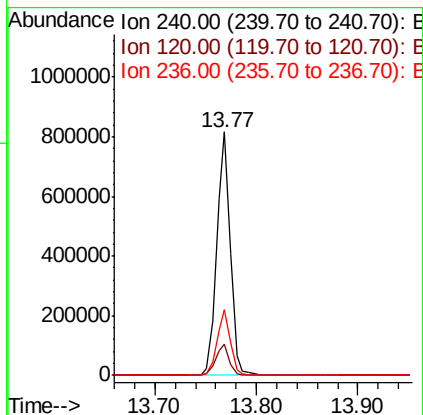
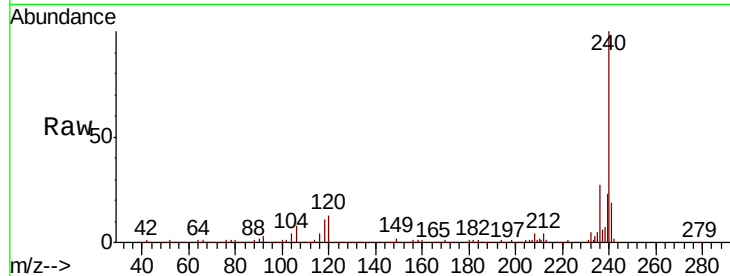




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115036.D
Acq: 14 Jun 2019 13:36

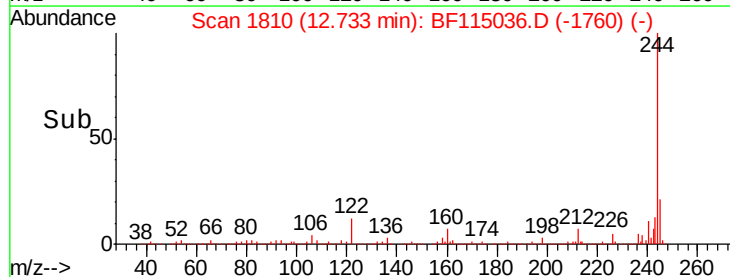
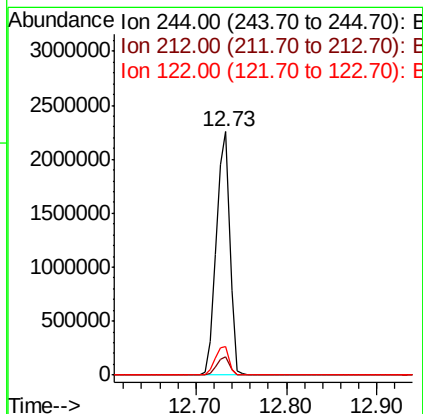
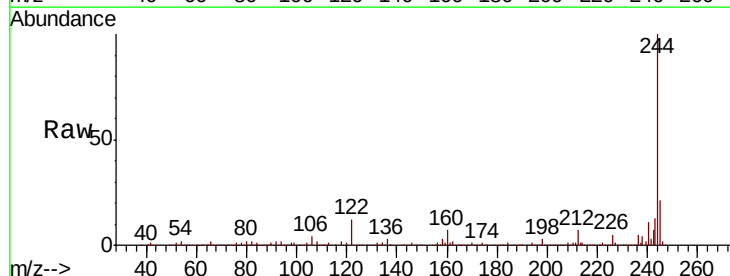
Instrument :
BNA_F
ClientSampleId :

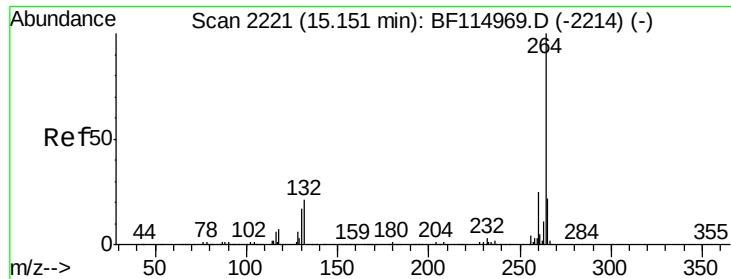
Tot Ion:240 Resp: 753082
Ion Ratio Lower Upper
240 100
120 12.5 10.0 15.0
236 26.9 21.6 32.4



#79
Terphenyl-d14
Concen: 57.751 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115036.D
Acq: 14 Jun 2019 13:36

Tgt Ion:244 Resp: 2312288
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.6 9.4 14.0

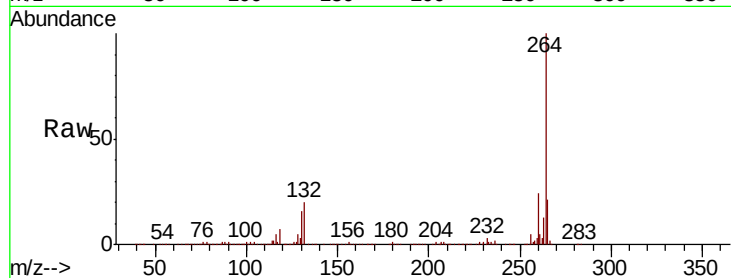




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115036.D
Acq: 14 Jun 2019 13:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.4	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

