

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115618.D
 Acq On : 17 Jul 2019 00:38
 Operator : HP/JU
 Sample : K3807-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 17 03:57:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

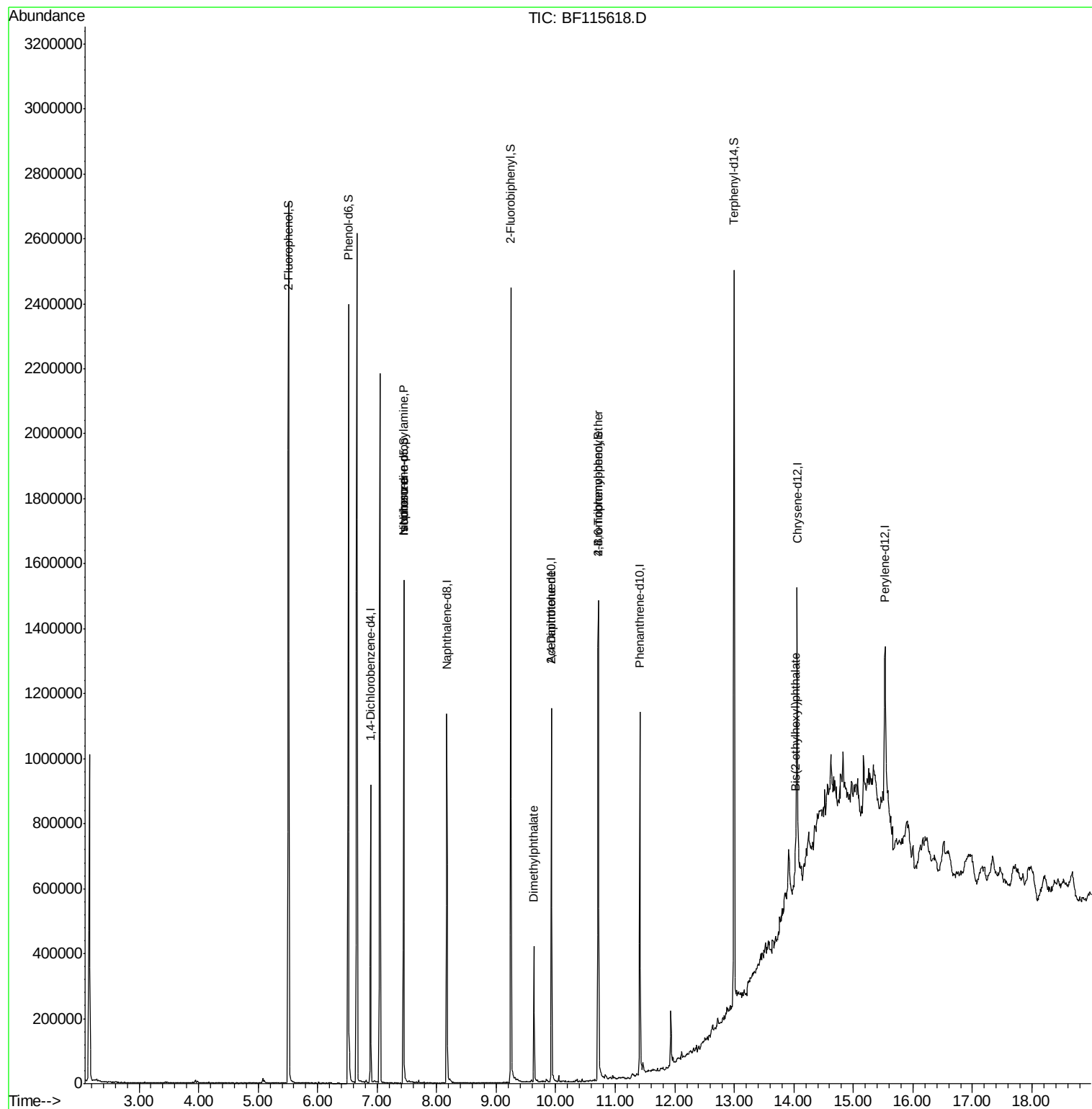
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128371	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	474404	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	221688	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	453629	20.00	ng	0.00
76) Chrysene-d12	14.05	240	312134	20.00	ng	0.00
87) Perylene-d12	15.53	264	249599	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	762880	97.21	ng	0.00
7) Phenol-d6	6.52	99	835583	83.91	ng	0.00
23) Nitrobenzene-d5	7.45	82	481250	58.99	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	207722	80.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	756401	59.72	ng	0.00
79) Terphenyl-d14	13.00	244	849183	50.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	63301	9.747	ng	# 77
25) Isophorone	7.45	82	472732	28.956	ng	# 64
50) Dimethylphthalate	9.63	163	165900	9.947	ng	# 99
57) 2,4-Dinitrotoluene	9.93	165	28432	5.790	ng	# 24
67) 4-Bromophenyl-phenylether	10.72	248	12685	2.447	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.03	149	29463	2.110	ng	# 98

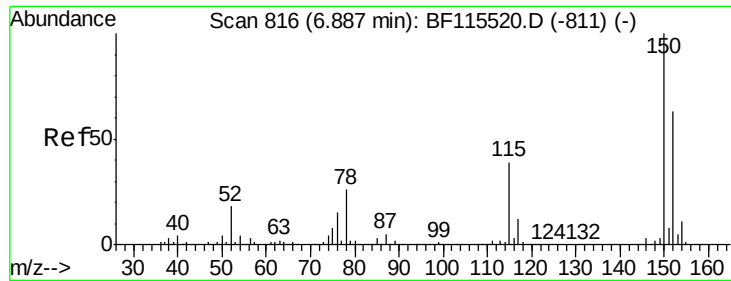
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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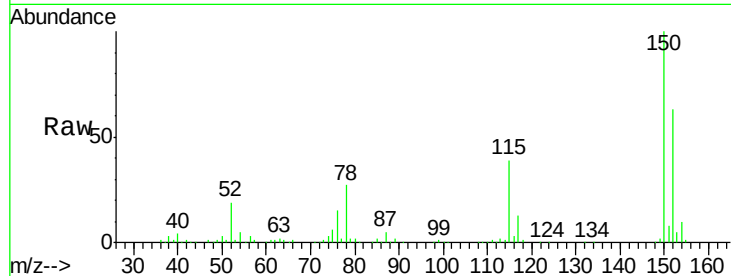


#1

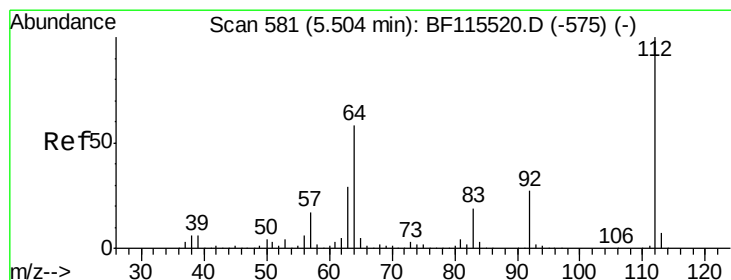
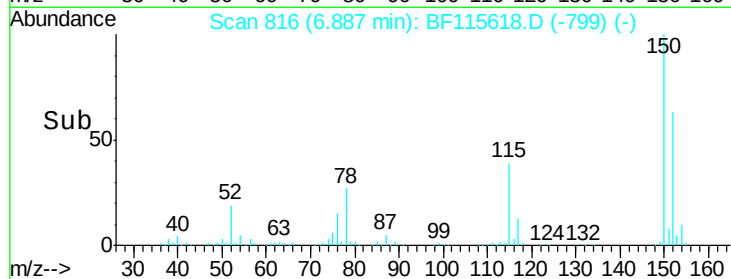
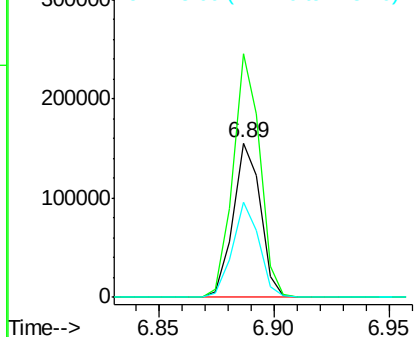
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115618.D
Acq: 17 Jul 2019 00:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128371
Ion Ratio Lower Upper
152 100
150 157.7 129.7 194.5
115 61.4 48.2 72.4



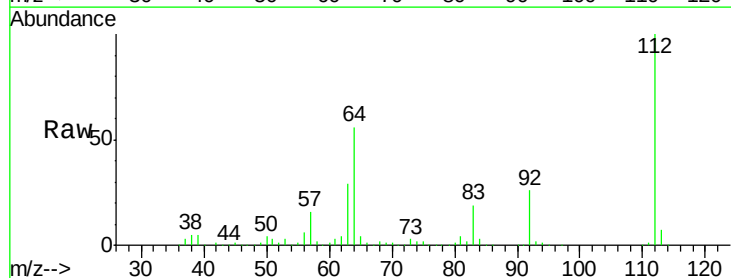
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



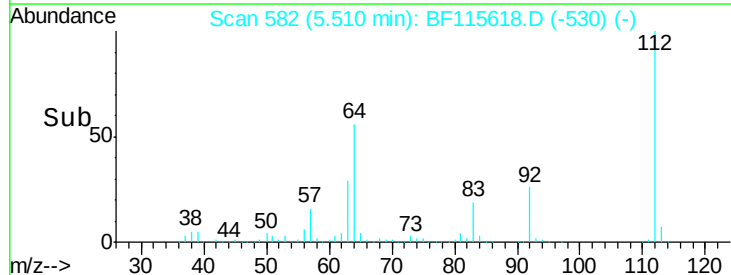
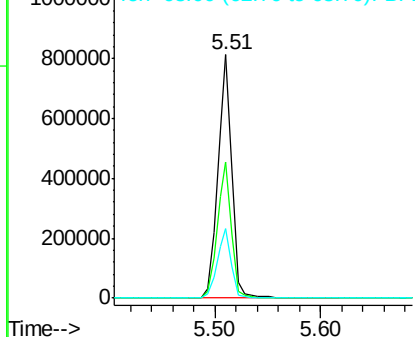
#5

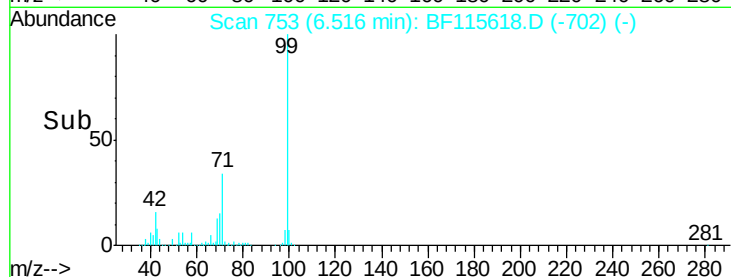
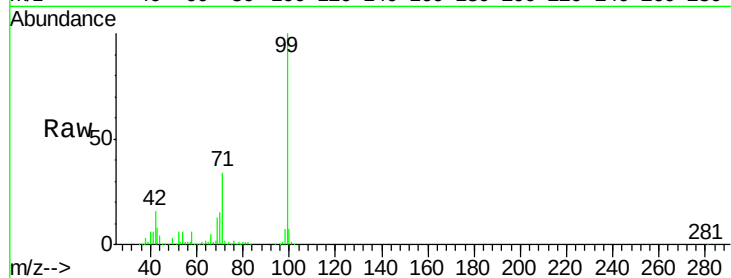
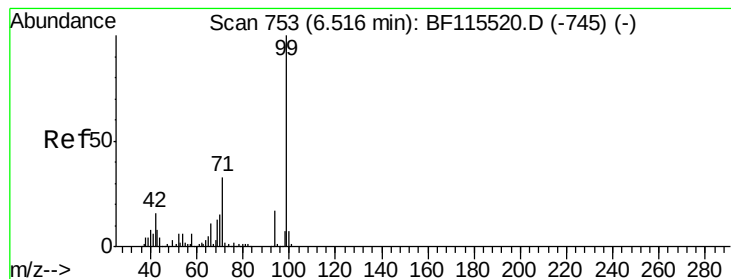
2-Fluorophenol
Concen: 97.207 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115618.D
Acq: 17 Jul 2019 00:38

Tgt Ion:112 Resp: 762880
Ion Ratio Lower Upper
112 100
64 56.0 46.8 70.2
63 28.5 24.1 36.1



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: 83.909 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

Instrument :

BNA_F

ClientSampleId :

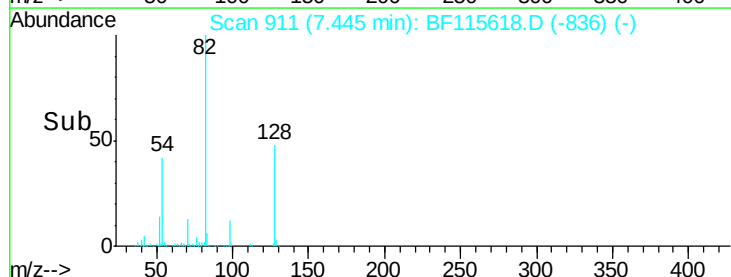
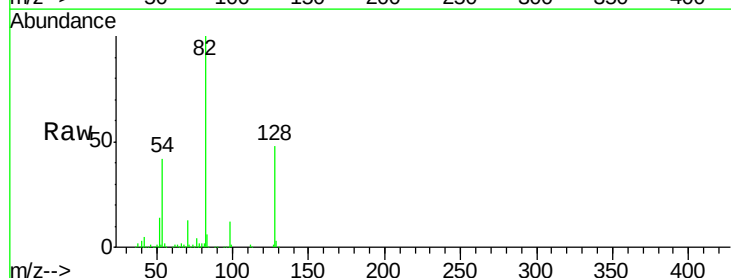
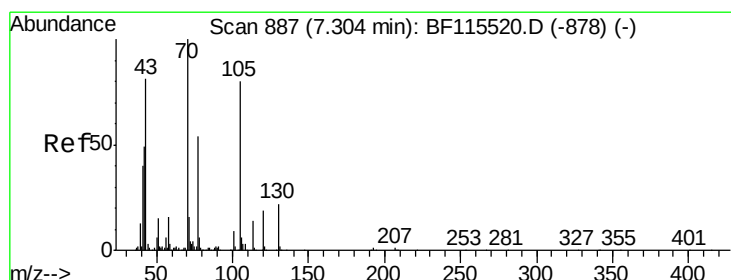
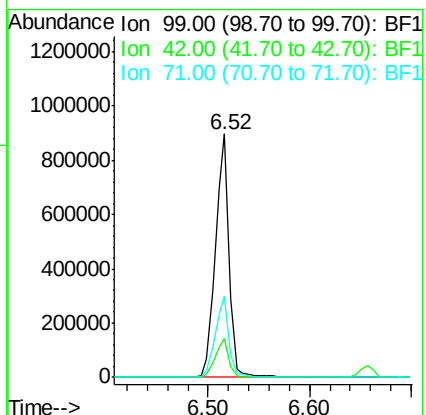
Tot Ion: 99 Resp: 835583

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

71 33.5 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 9.747 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

Tgt Ion: 70 Resp: 63301

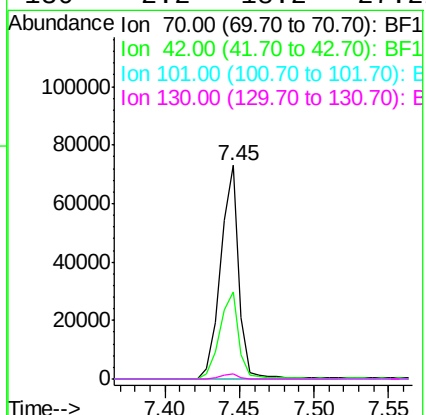
Ion Ratio Lower Upper

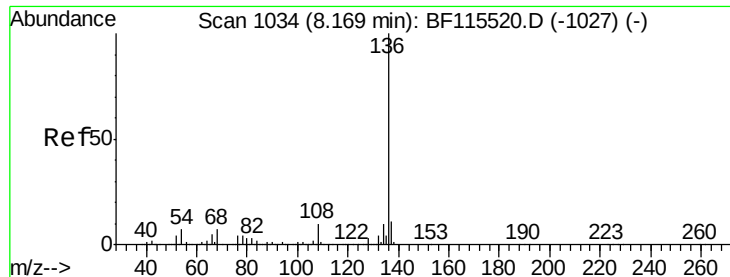
70 100

42 40.8 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

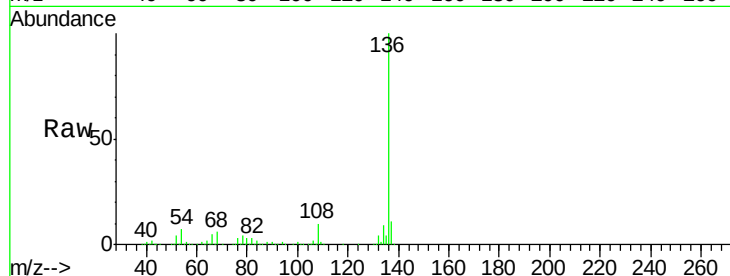




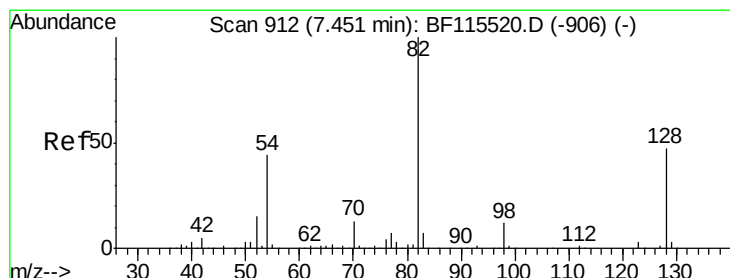
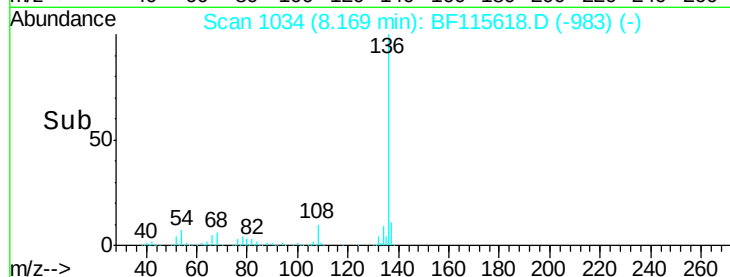
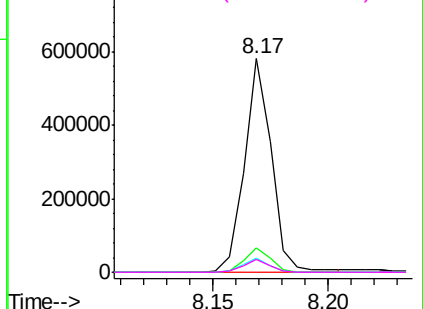
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115618.D
Acq: 17 Jul 2019 00:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	474404	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.0	13.4	
54 6.6	5.6	8.4	
68 6.1	5.0	7.6	

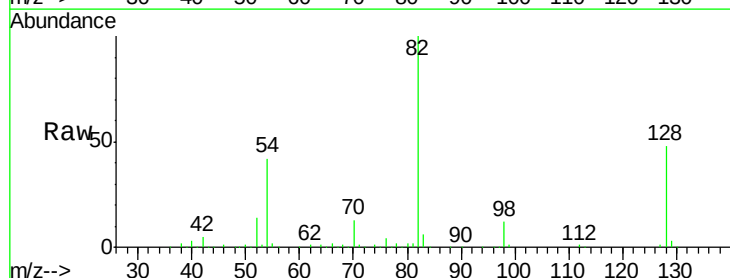


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

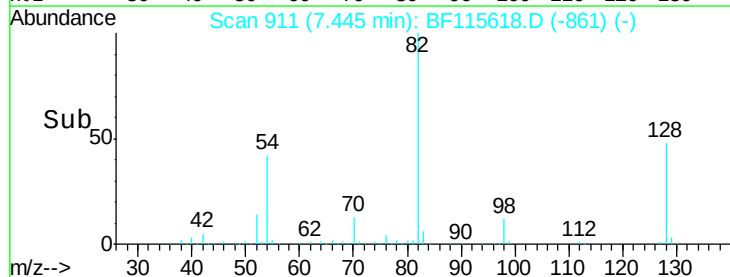
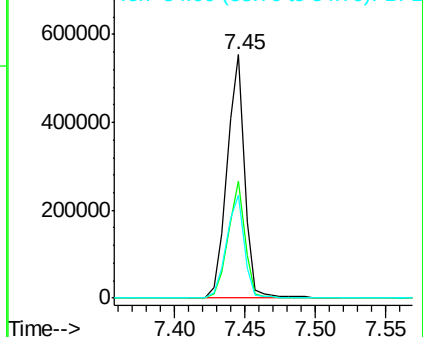


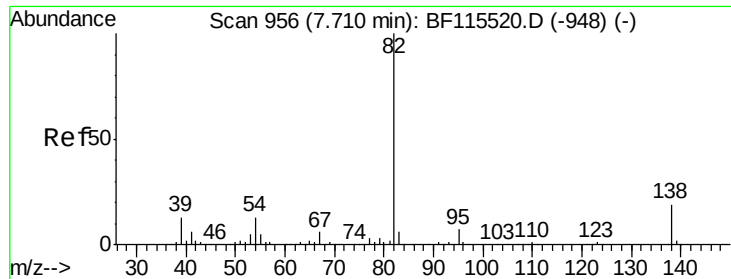
#23
Nitrobenzene-d5
Concen: 58.986 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115618.D
Acq: 17 Jul 2019 00:38

Tgt Ion: 82	Resp: 481250
Ion Ratio	Lower Upper
82 100	
128 48.1	38.6 57.8
54 42.4	35.6 53.4



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

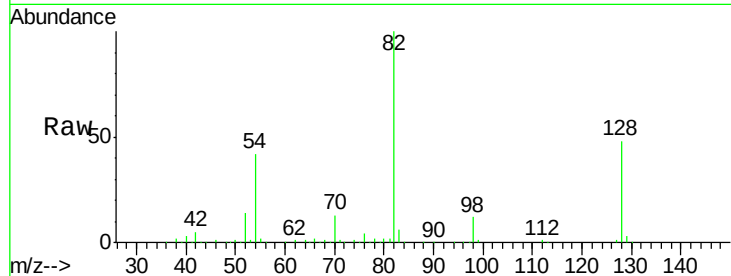




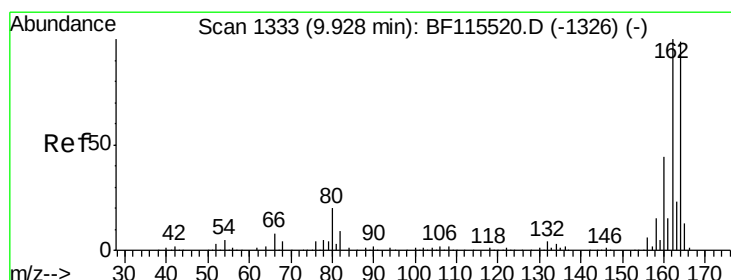
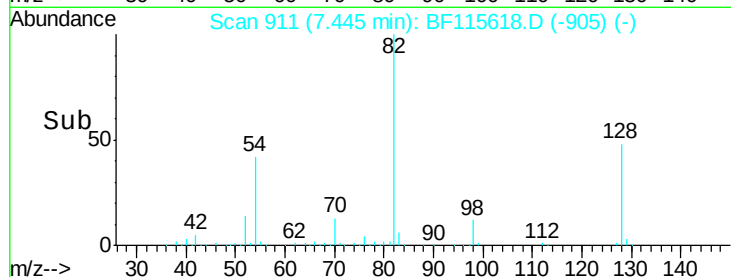
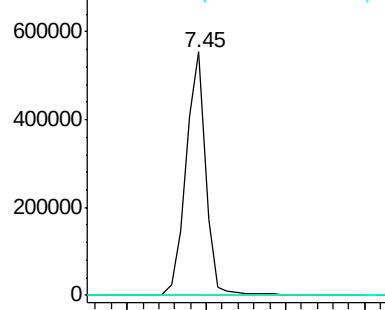
#25
Isophorone
Concen: 28.956 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF115618.D
Acq: 17 Jul 2019 00:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 472732
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.9 22.3#

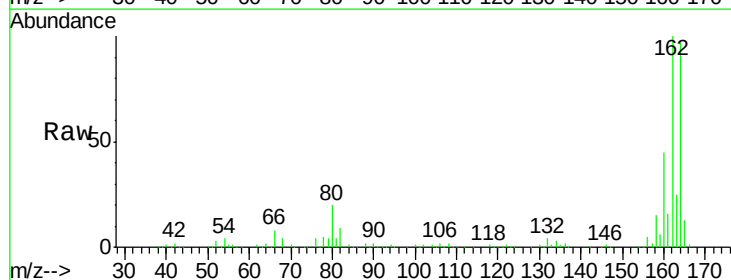


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

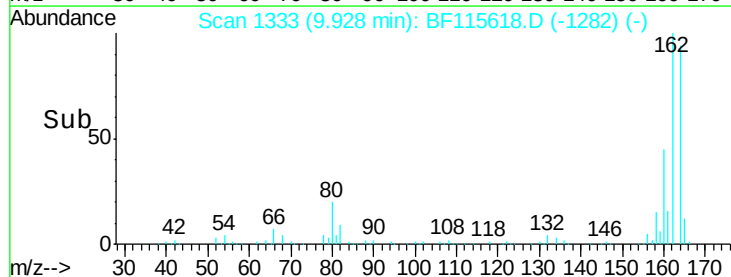
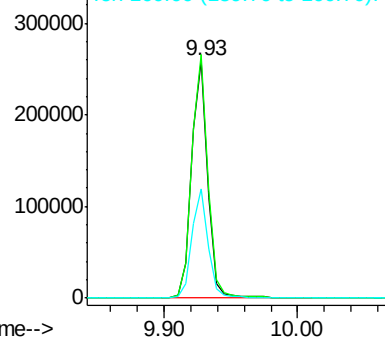


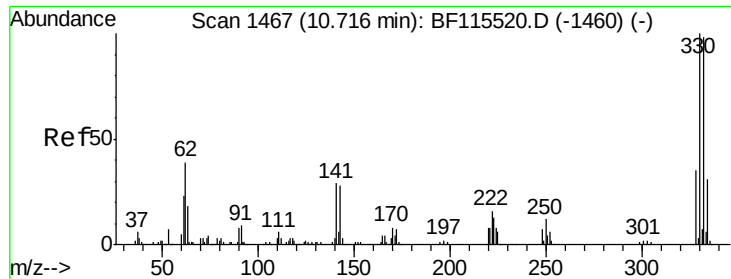
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF115618.D
Acq: 17 Jul 2019 00:38

Tgt Ion:164 Resp: 221688
Ion Ratio Lower Upper
164 100
162 102.6 82.9 124.3
160 45.9 36.8 55.2



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: 80.275 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

Instrument :

BNA_F

ClientSampleId :

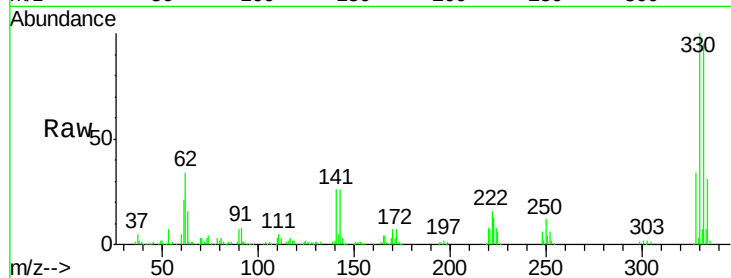
Tot Ion:330 Resp: 207722

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.2

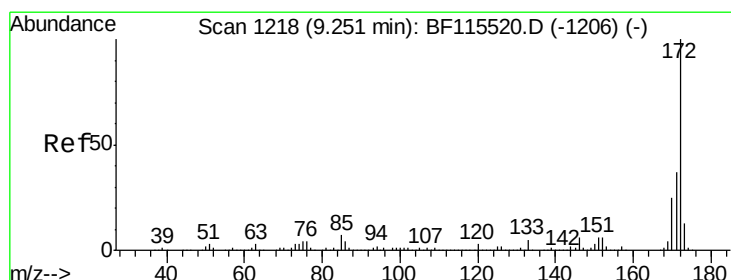
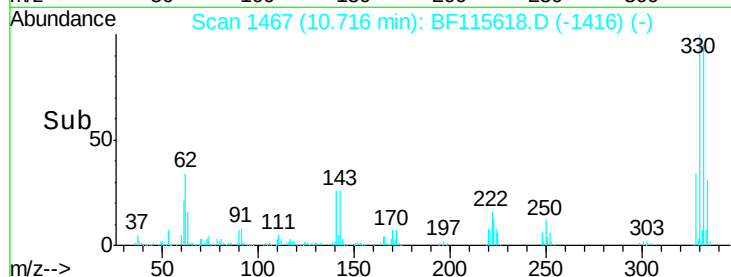
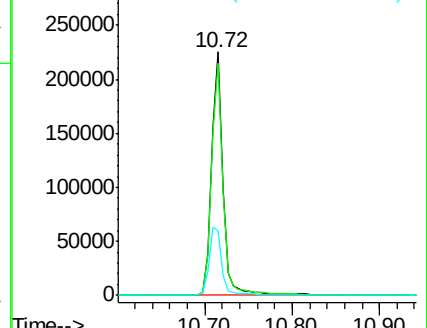
141 31.3 22.4 33.6



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: 59.720 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

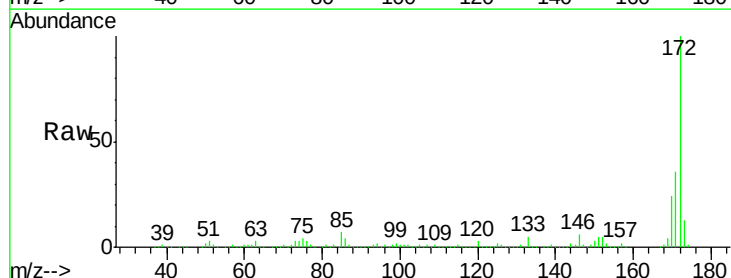
Tgt Ion:172 Resp: 756401

Ion Ratio Lower Upper

172 100

171 35.9 30.6 46.0

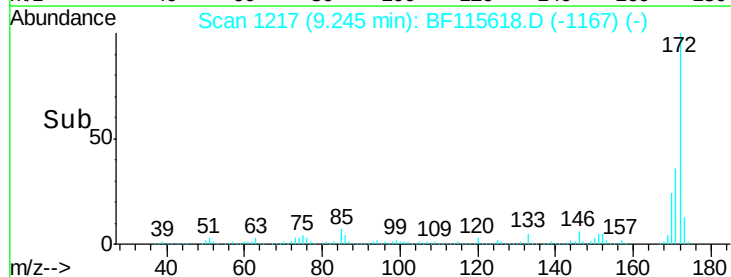
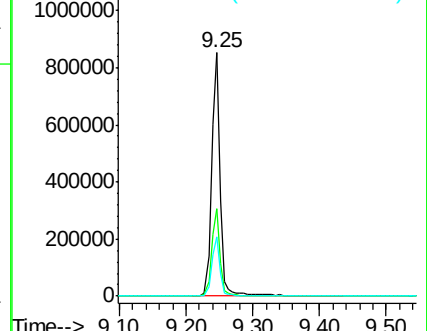
170 24.2 20.5 30.7

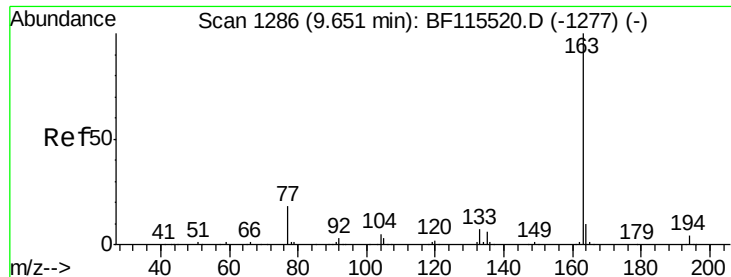


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

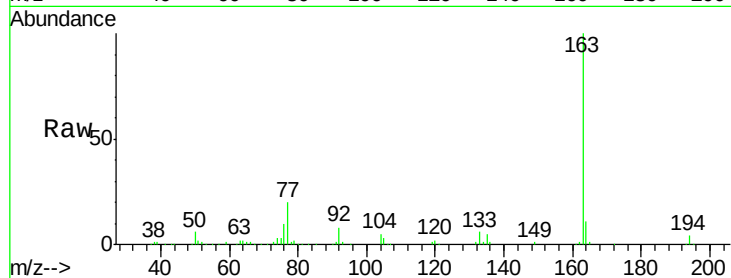




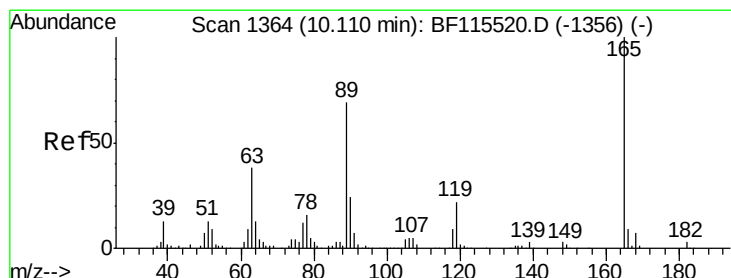
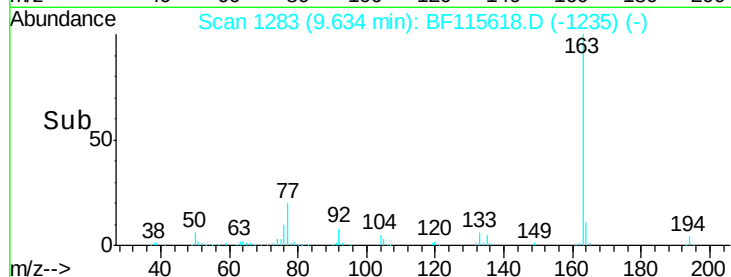
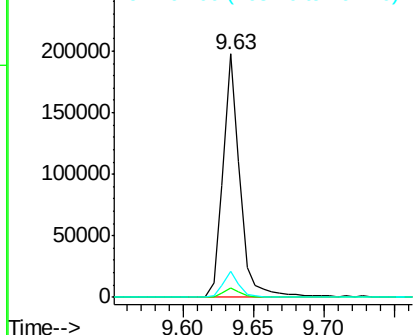
#50
Dimethylphthalate
Concen: 9.947 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF115618.D
Acq: 17 Jul 2019 00:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 165900
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.7 13.1

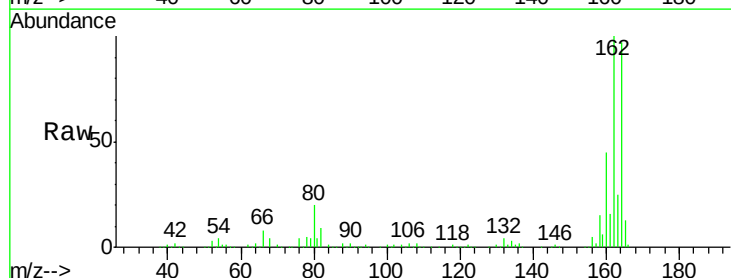


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

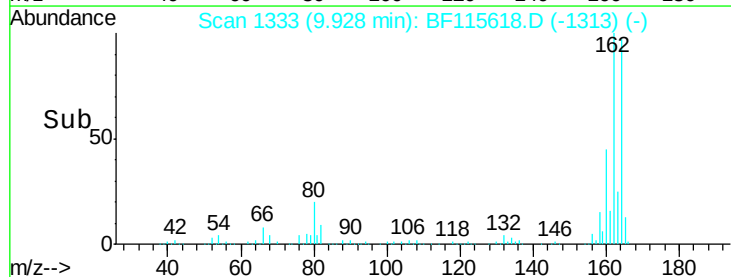
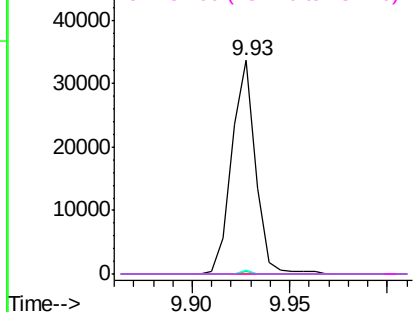


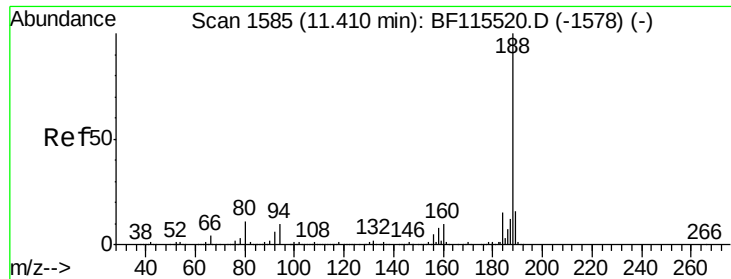
#57
2,4-Dinitrotoluene
Concen: 5.790 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF115618.D
Acq: 17 Jul 2019 00:38

Tgt Ion:165 Resp: 28432
Ion Ratio Lower Upper
165 100
63 1.1 34.9 52.3#
89 1.6 57.5 86.3#
182 0.0 2.2 3.4#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

Instrument :

BNA_F

ClientSampleId :

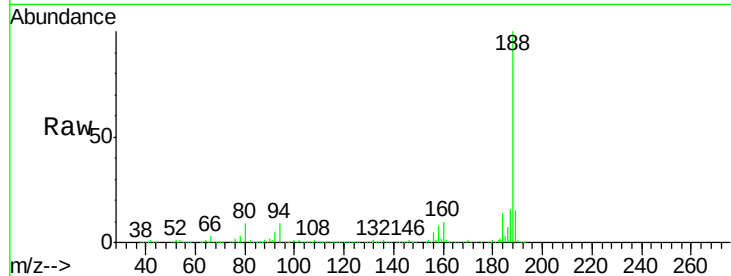
Tot Ion:188 Resp: 453629

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

80 9.4 8.6 13.0



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

11.42

400000

300000

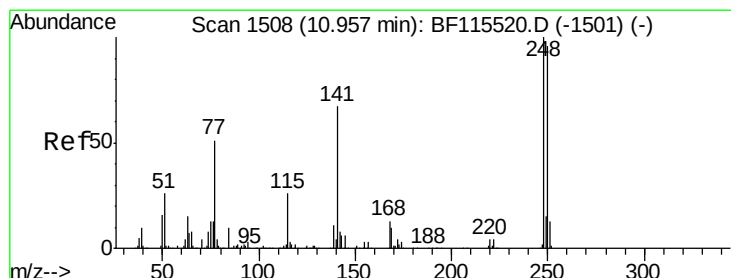
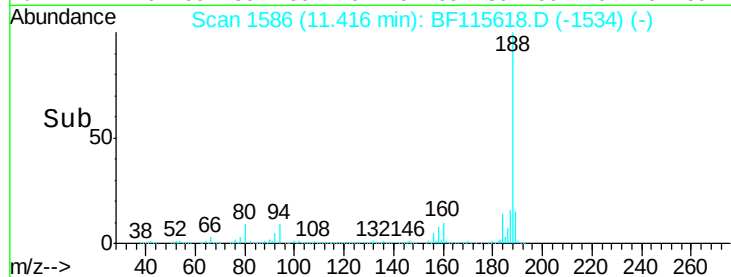
200000

100000

0

11.40 11.50

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.447 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.24 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

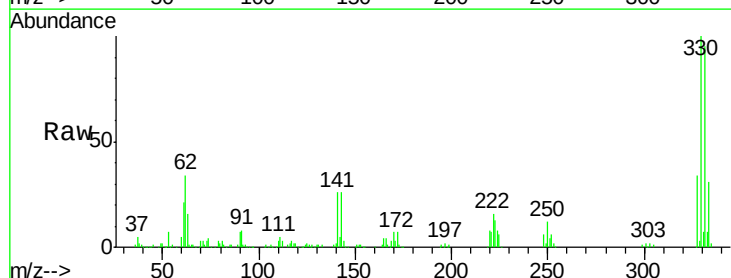
Tgt Ion:248 Resp: 12685

Ion Ratio Lower Upper

248 100

250 205.3 78.0 117.0#

141 446.2 57.7 86.5#



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

10.72

80000

60000

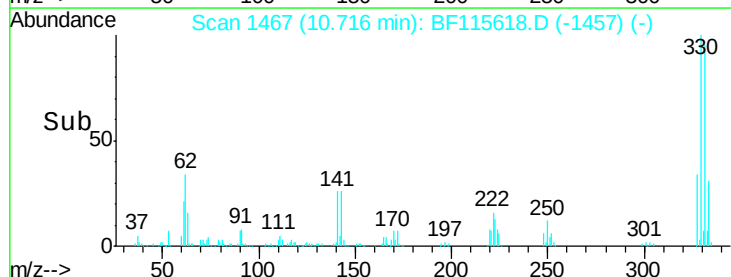
40000

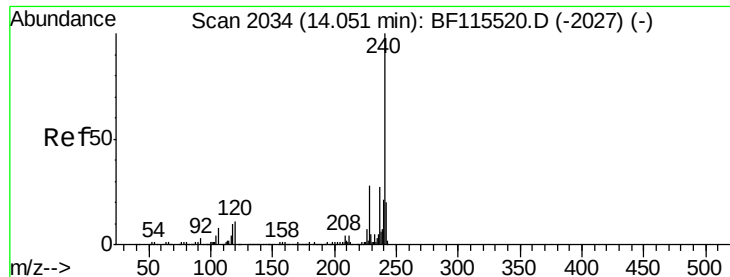
20000

0

10.65 10.70 10.75

Time-->

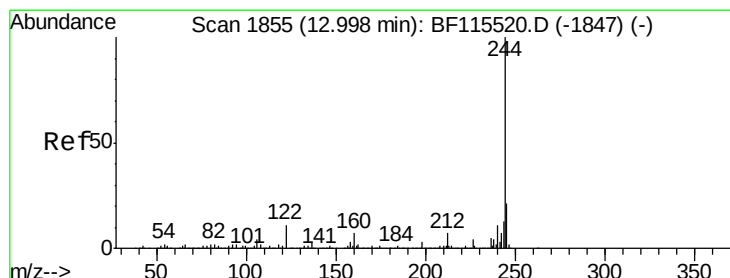
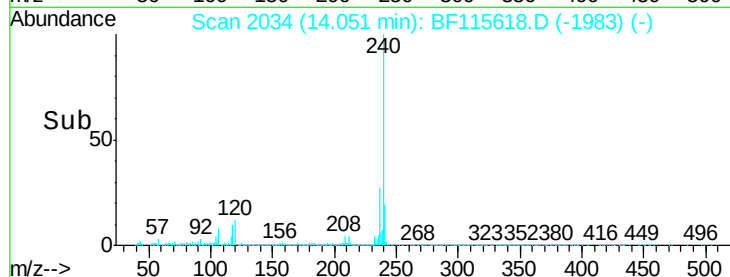
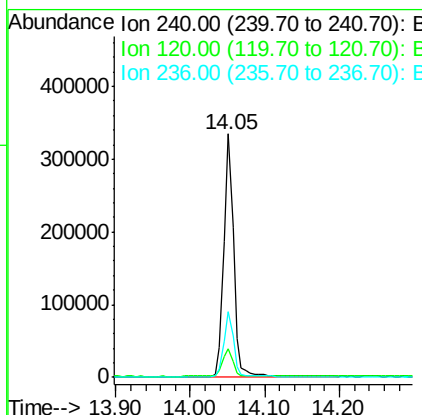
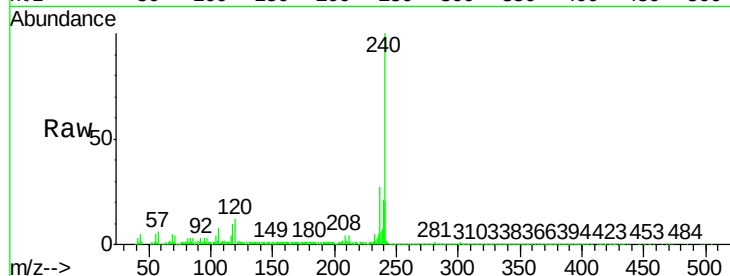




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115618.D
 Acq: 17 Jul 2019 00:38

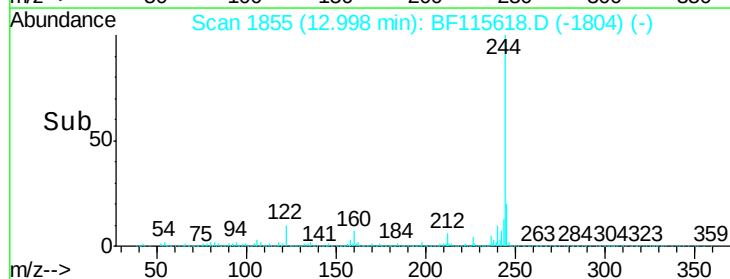
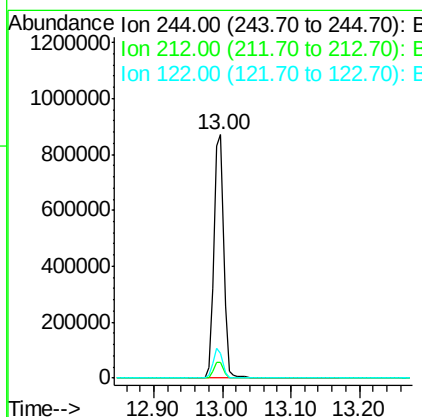
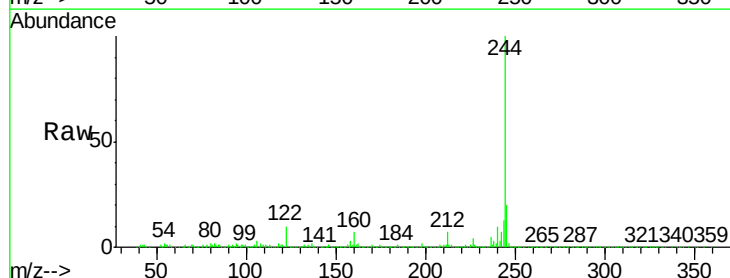
Instrument :
 BNA_F
 ClientSampleId :

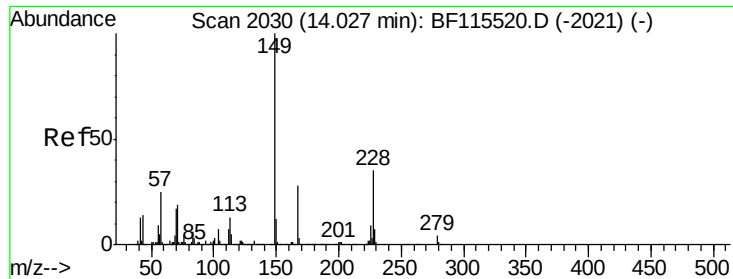
Tot Ion:240 Resp: 312134
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.6 13.0
 236 27.0 21.3 31.9



#79
 Terphenyl-d14
 Concen: 50.199 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF115618.D
 Acq: 17 Jul 2019 00:38

Tgt Ion:244 Resp: 849183
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 10.0 8.6 12.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.110 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

Instrument :

BNA_F

ClientSampleId :

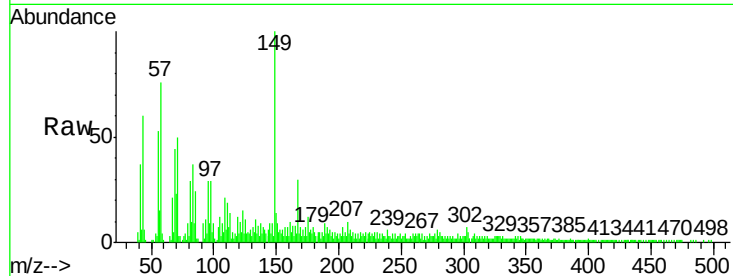
Tot Ion:149 Resp: 29463

Ion Ratio Lower Upper

149 100

167 30.0 23.0 34.4

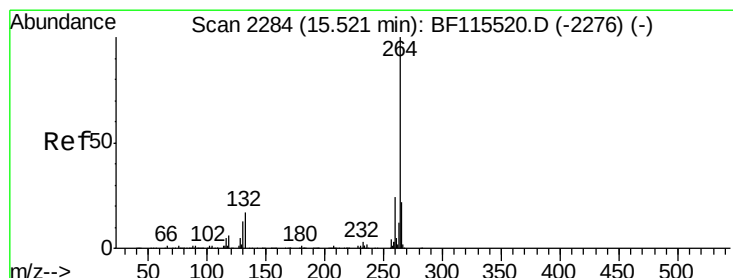
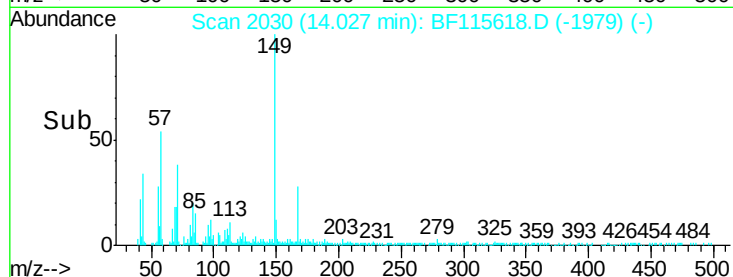
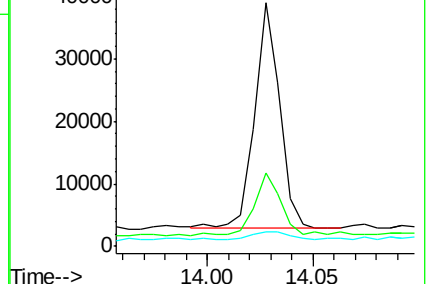
279 5.9 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

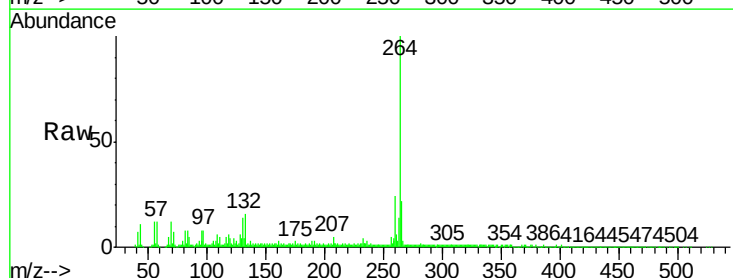
Tgt Ion:264 Resp: 249599

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 21.6 17.7 26.5



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

