

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111515.D
 Acq On : 16 Dec 2018 18:23
 Operator : JU/SJ
 Sample : J6353-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01

Quant Time: Dec 17 06:43:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

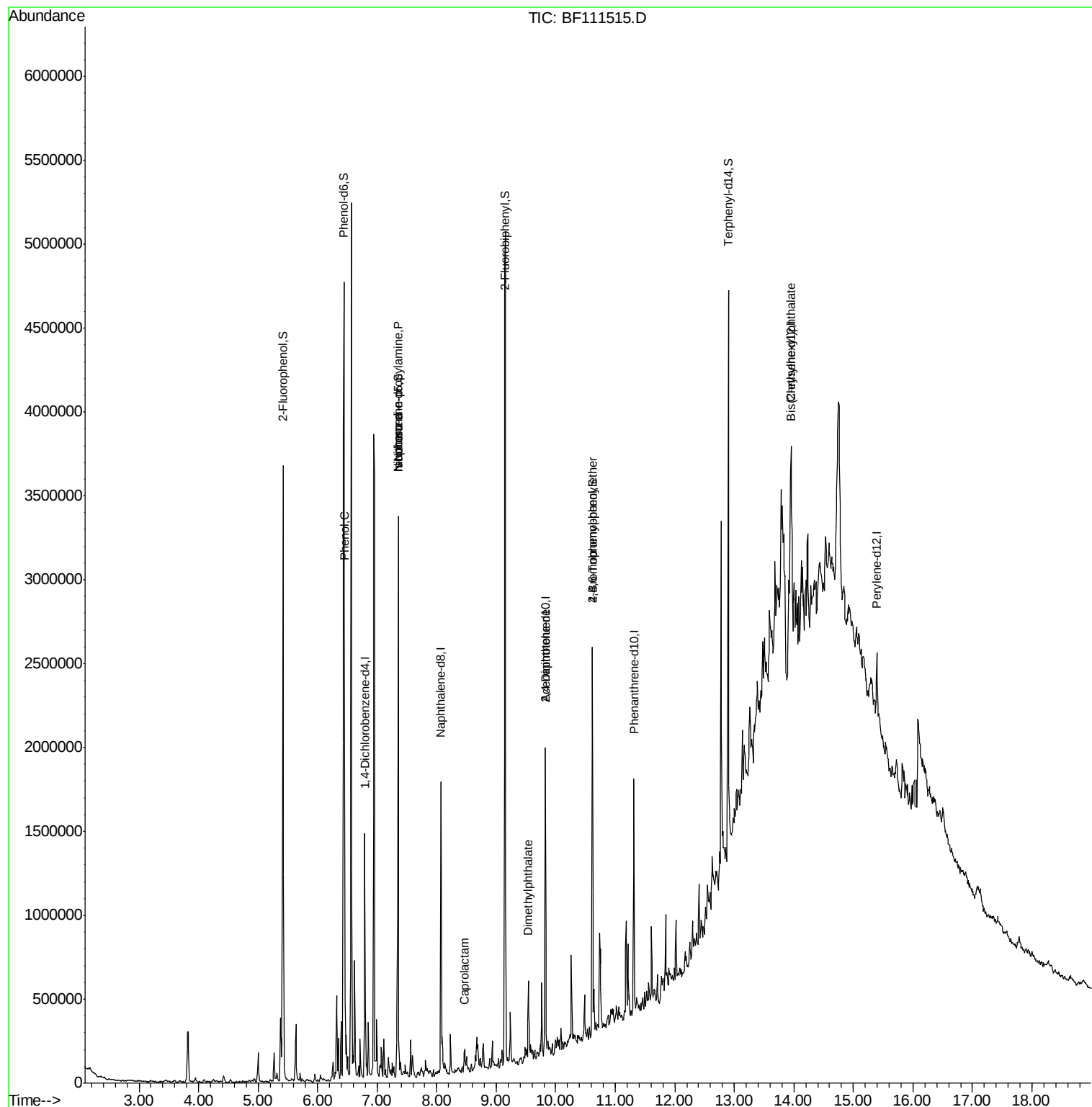
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	218137	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	838938	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	346645	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	491354	20.00	ng	0.00
76) Chrysene-d12	13.95	240	324830	20.00	ng	0.00
87) Perylene-d12	15.39	264	205794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	992982	75.75	ng	0.00
7) Phenol-d6	6.44	99	1797595	103.09	ng	0.00
23) Nitrobenzene-d5	7.35	82	1058424	75.13	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	254383	81.92	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1665761	74.23	ng	0.00
79) Terphenyl-d14	12.90	244	1150125	83.14	ng	0.00
Target Compounds						
10) Phenol	6.45	94	236319	12.166	ng	91
19) n-Nitroso-di-n-propylamine	7.35	70	135807	11.805	ng	# 76
25) Isophorone	7.35	82	1053656	44.201	ng	# 64
35) Caprolactam	8.47	113	13962	3.260	ng	# 89
50) Dimethylphthalate	9.54	163	142859	5.722	ng	96
57) 2,4-Dinitrotoluene	9.83	165	47094	6.385	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	16029	3.027	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.94	149	229832	16.120	ng	99

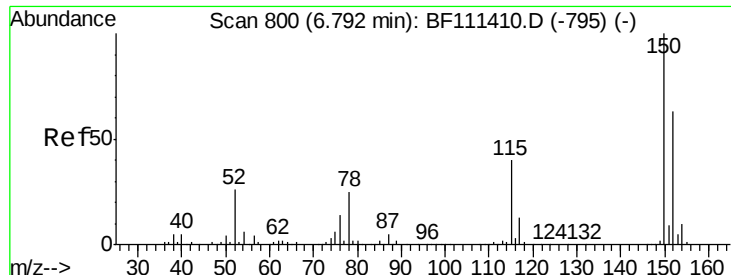
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 14 13:26:17 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01

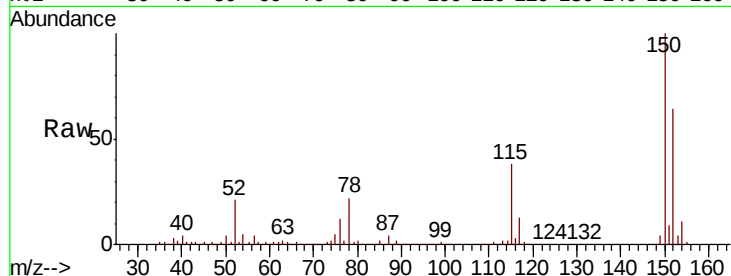
Tgt Ion:152 Resp: 218137

Ion Ratio Lower Upper

152 100

150 155.4 126.6 189.8

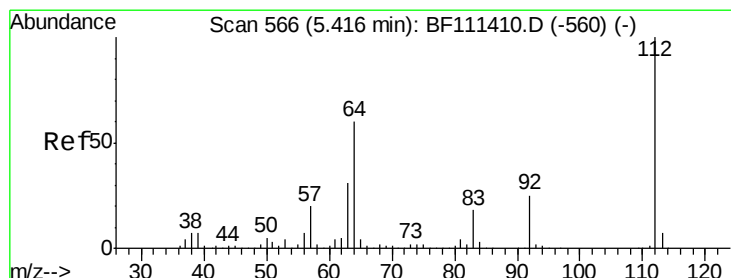
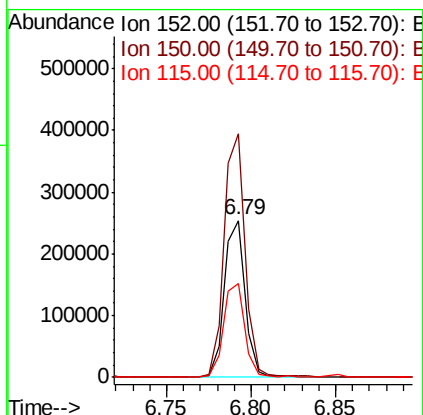
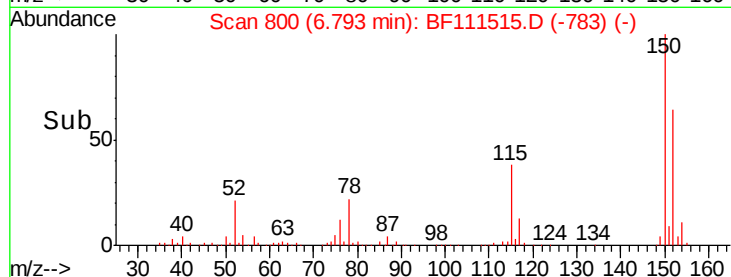
115 59.5 50.7 76.1



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: 75.750 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

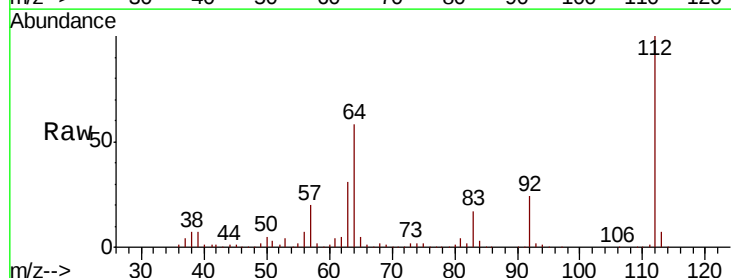
Tgt Ion:112 Resp: 992982

Ion Ratio Lower Upper

112 100

64 58.2 51.8 77.6

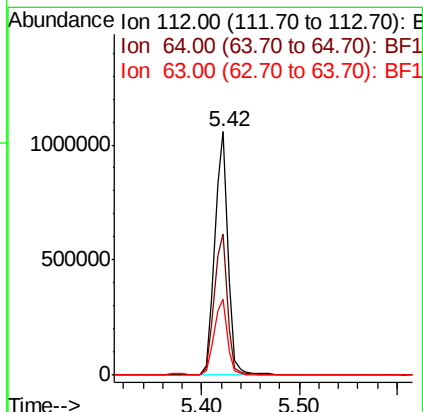
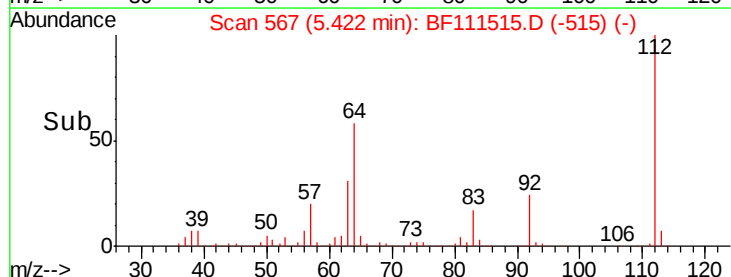
63 30.9 26.8 40.2

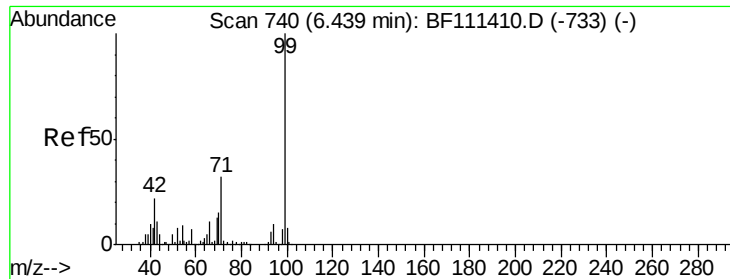


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.091 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01

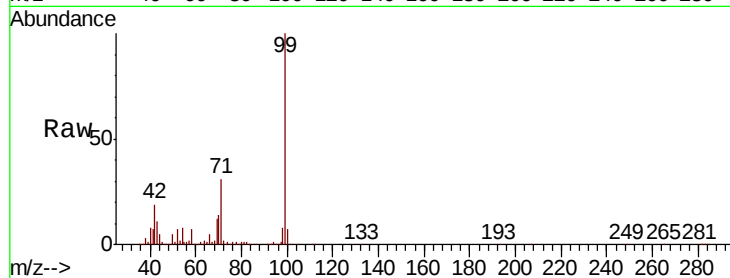
Tgt Ion: 99 Resp: 1797595

Ion Ratio Lower Upper

99 100

42 19.4 17.4 26.0

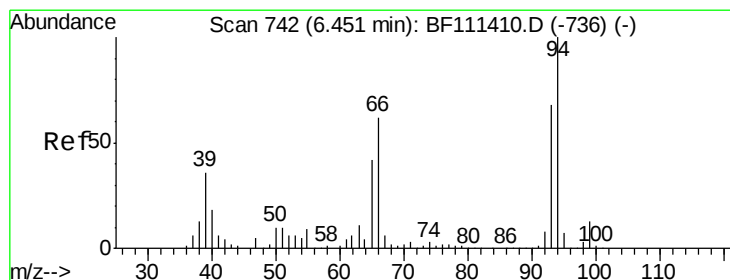
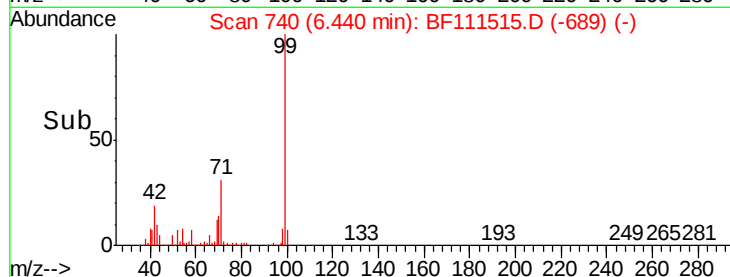
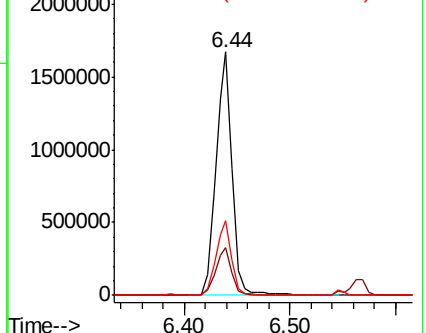
71 30.8 26.1 39.1



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



#10

Phenol

Concen: 12.166 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

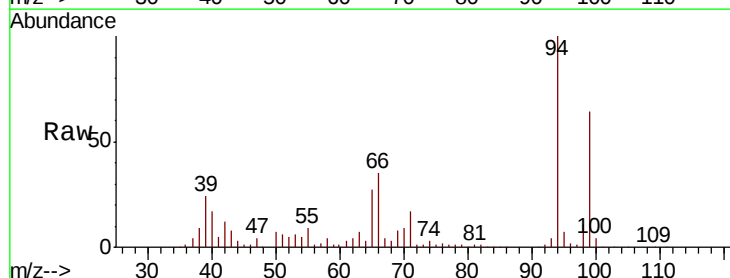
Tgt Ion: 94 Resp: 236319

Ion Ratio Lower Upper

94 100

65 27.1 11.7 51.7

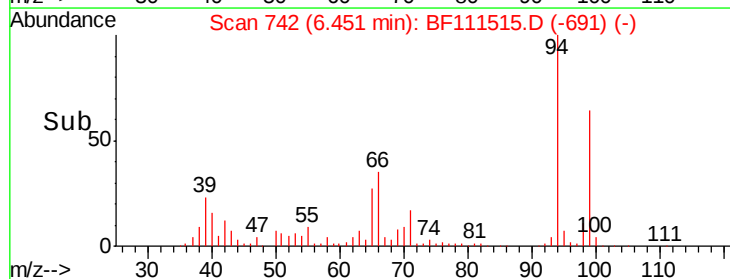
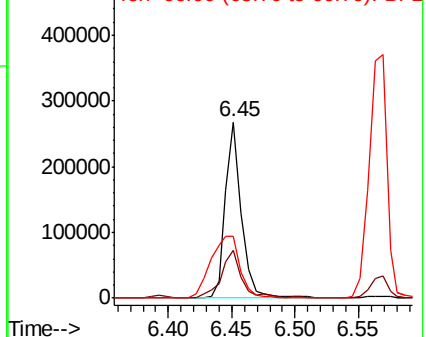
66 35.4 21.0 61.0

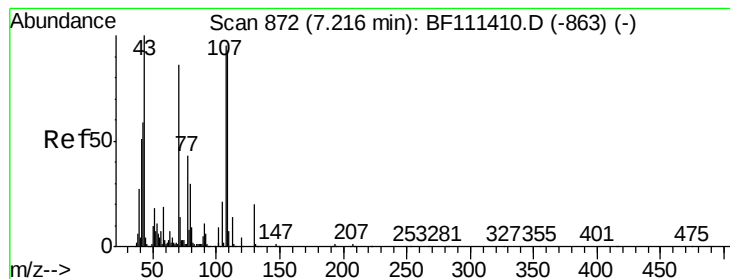


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 11.805 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01

Tgt Ion: 70 Resp: 135807

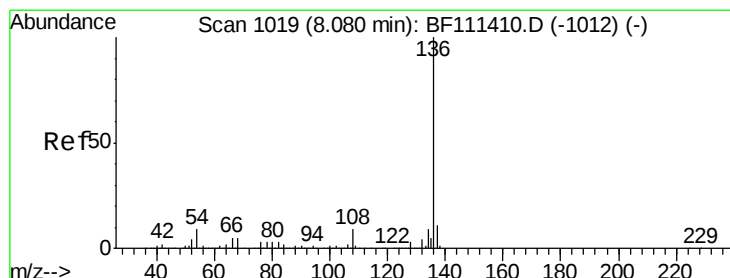
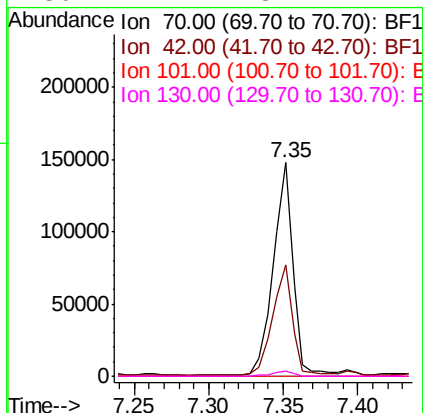
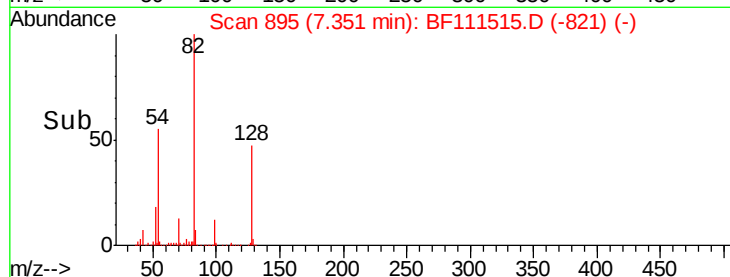
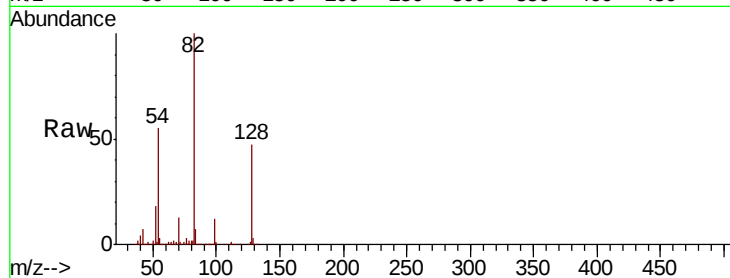
Ion Ratio Lower Upper

70 100

42 52.4 53.2 79.8#

101 0.0 8.2 12.4#

130 2.4 18.1 27.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

Tgt Ion: 136 Resp: 838938

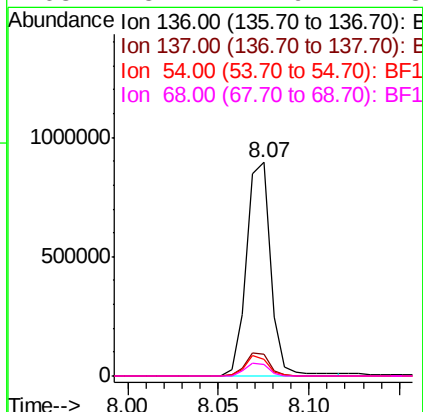
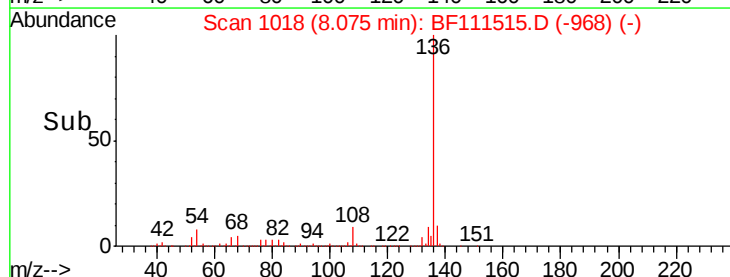
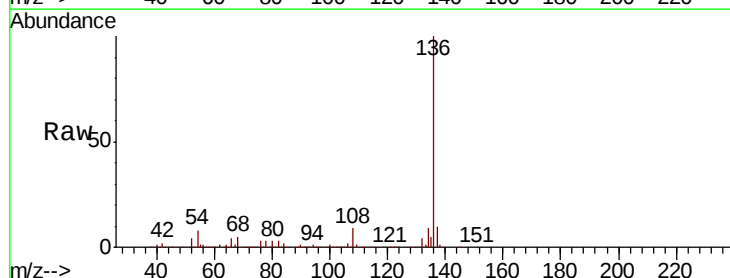
Ion Ratio Lower Upper

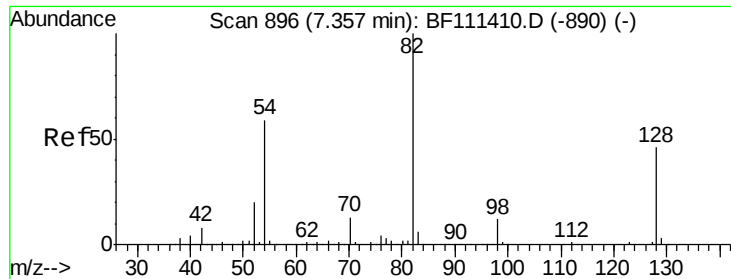
136 100

137 10.4 9.1 13.7

54 7.7 7.7 11.5

68 5.4 4.9 7.3

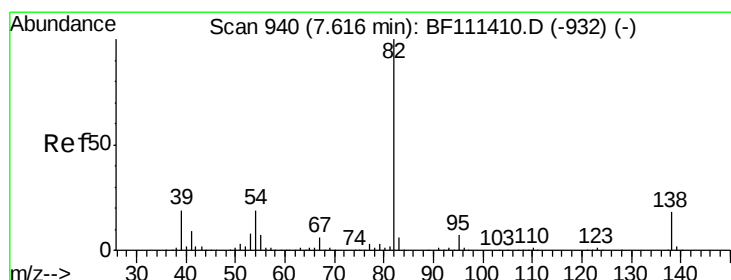
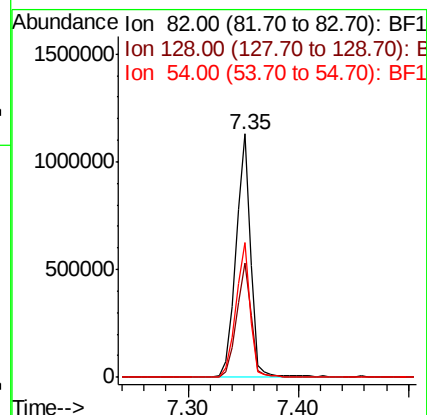
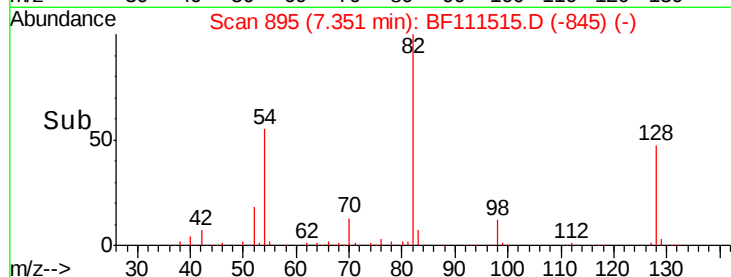
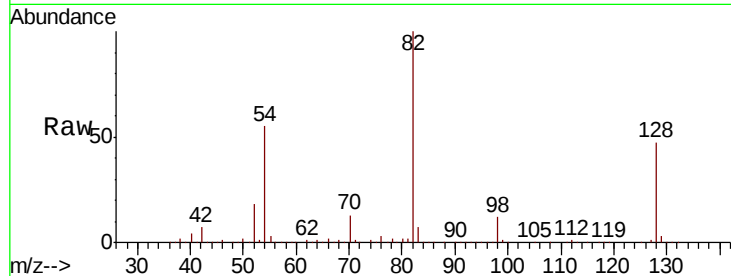




#23
Nitrobenzene-d5
Concen: 75.128 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

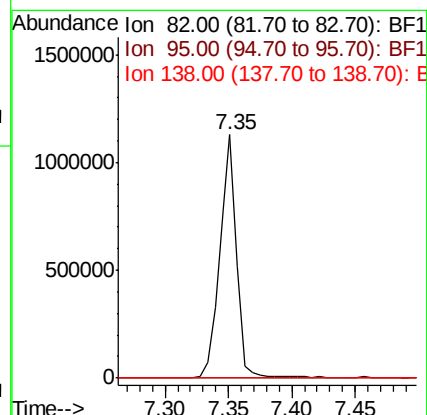
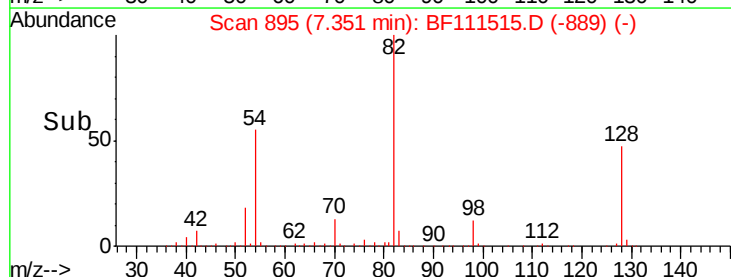
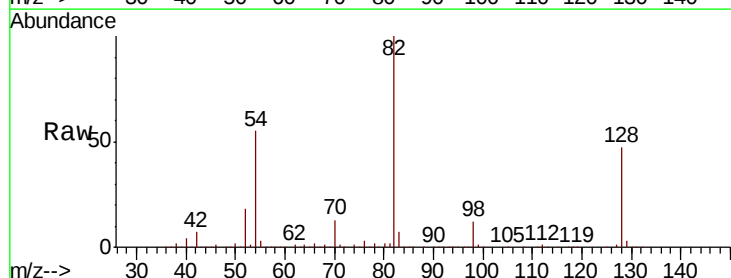
Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01

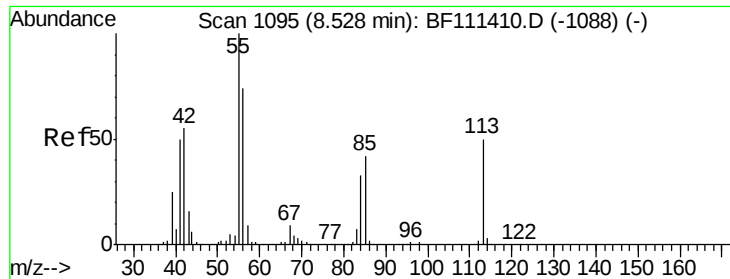
Tgt Ion: 82 Resp: 1058424
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.2
54 55.2 47.6 71.4



#25
Isophorone
Concen: 44.201 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Tgt Ion: 82 Resp: 1053656
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#

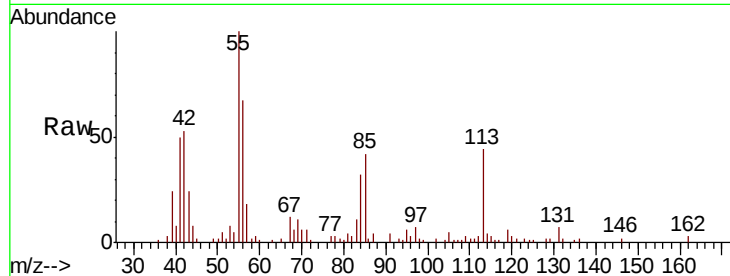




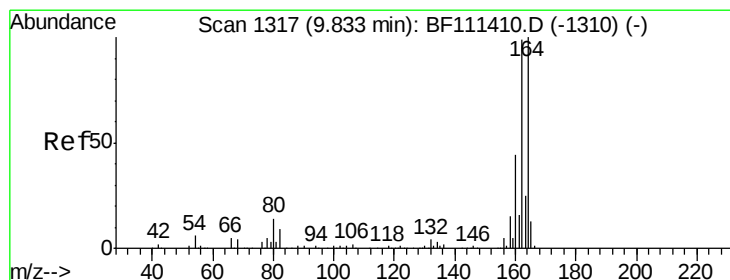
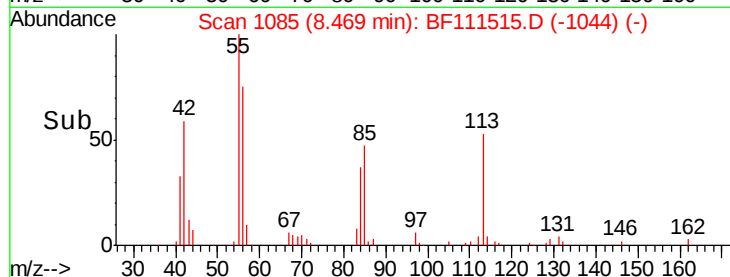
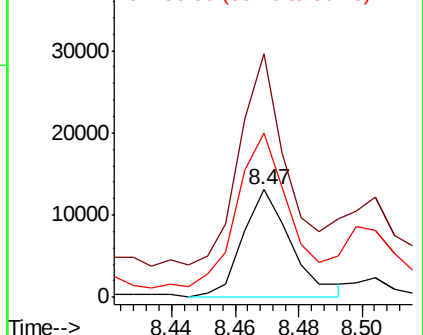
#35
Caprolactam
Concen: 3.260 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.06 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01

Tgt Ion:113 Resp: 13962
Ion Ratio Lower Upper
113 100
55 226.8 184.1 224.1#
56 152.6 126.0 166.0

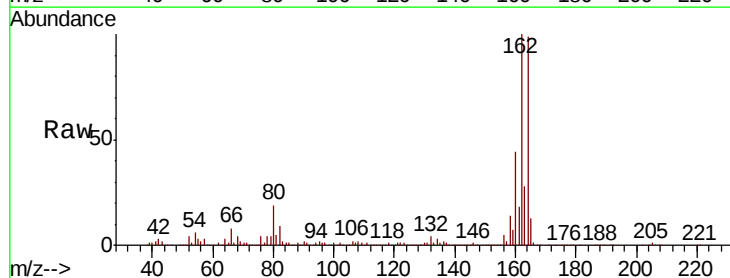


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

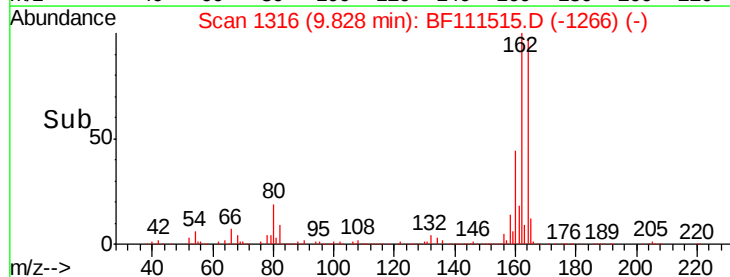
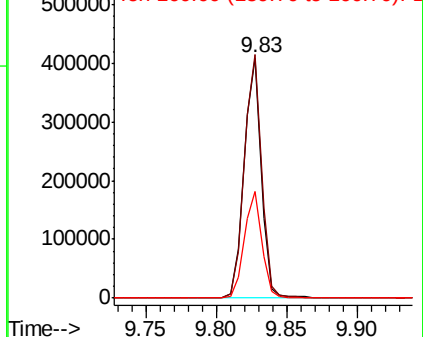


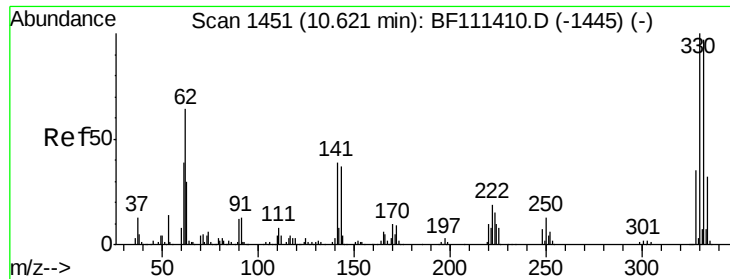
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Tgt Ion:164 Resp: 346645
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.6 35.7 53.5



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

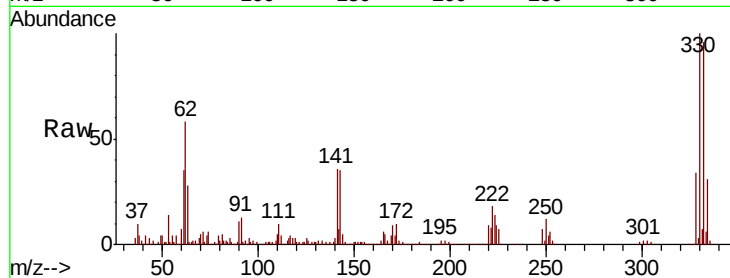




#42
 2,4,6-Tribromophenol
 Concen: 81.922 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111515.D
 Acq: 16 Dec 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	36.4	31.0	46.6

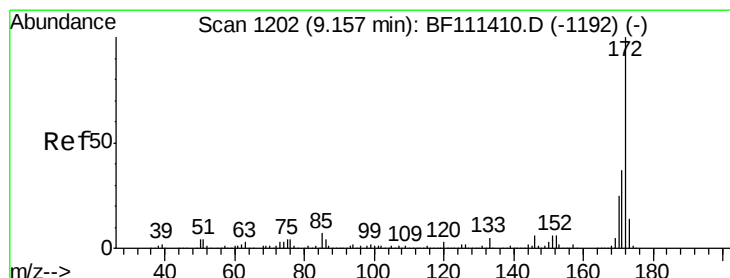
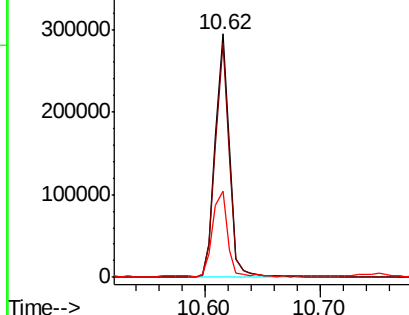
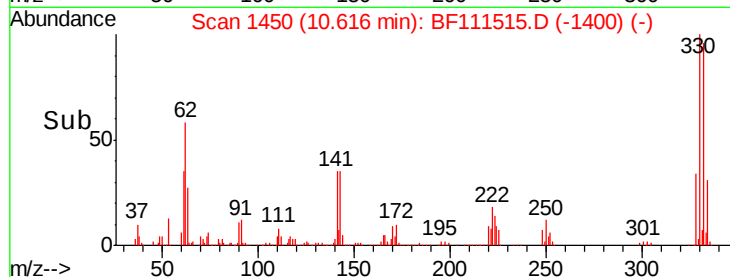


Abundance

Ion 329.80 (329.50 to 330.50): E

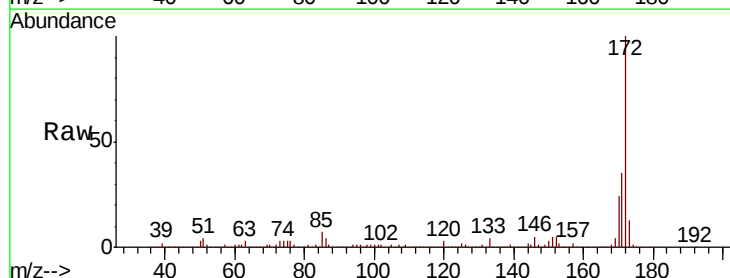
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.226 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111515.D
 Acq: 16 Dec 2018 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	23.9	22.3	33.5

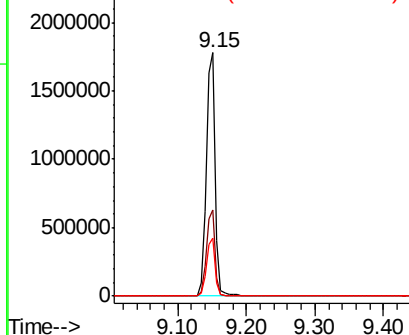
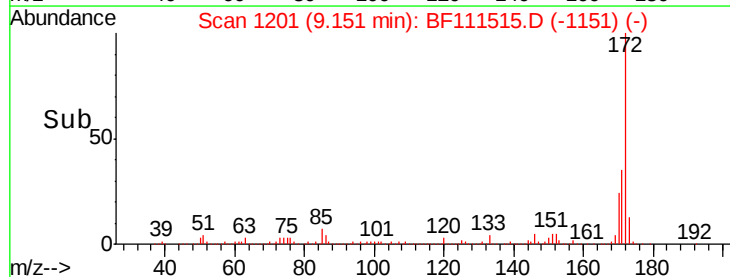


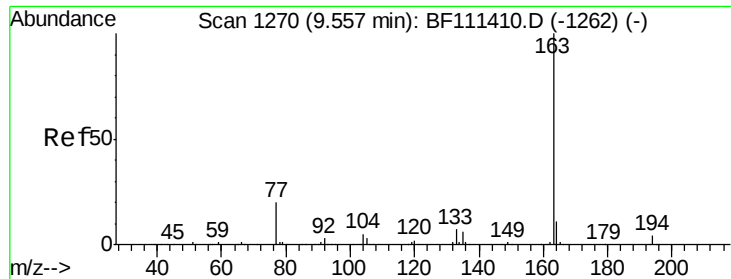
Abundance

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

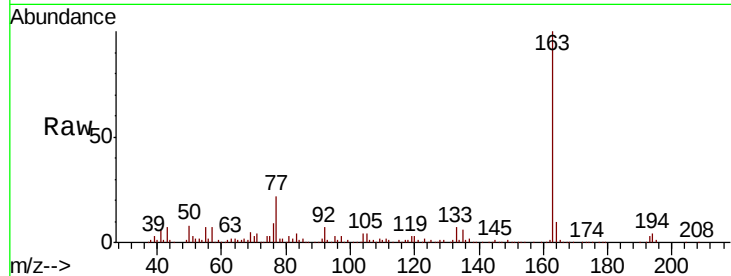




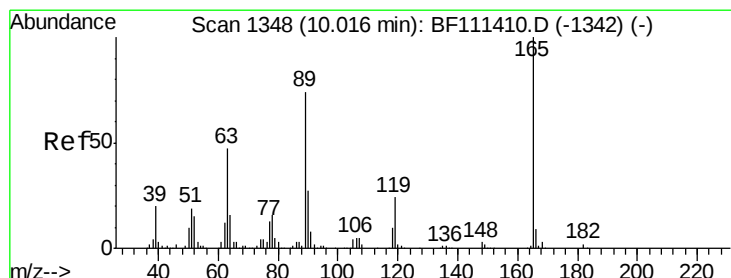
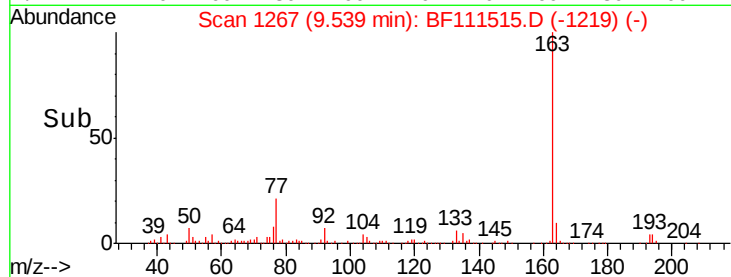
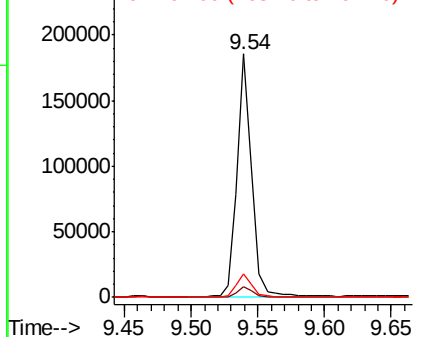
#50
Dimethylphthalate
Concen: 5.722 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01

Tgt Ion:	163	Resp:	142859
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	9.5	8.9	13.3

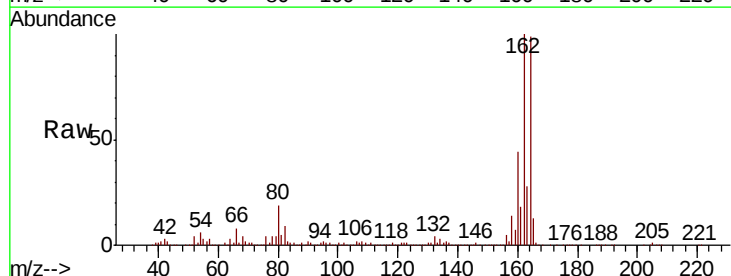


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

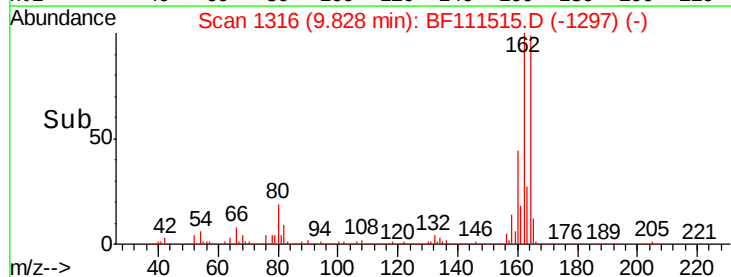
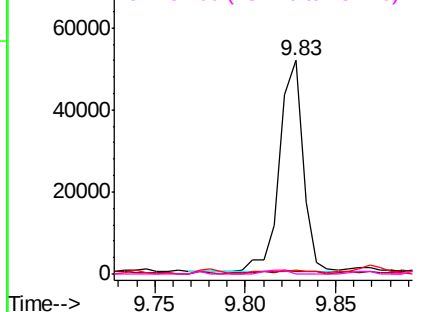


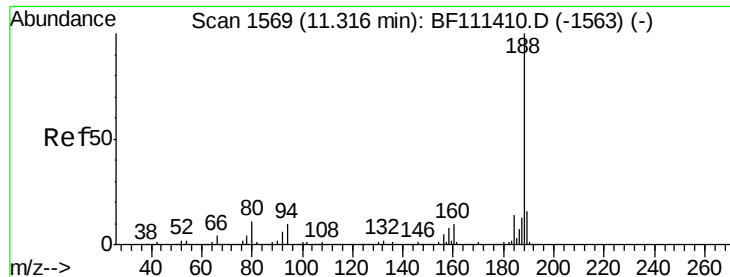
#57
2,4-Dinitrotoluene
Concen: 6.385 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Tgt Ion:	165	Resp:	47094
Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#



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
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01

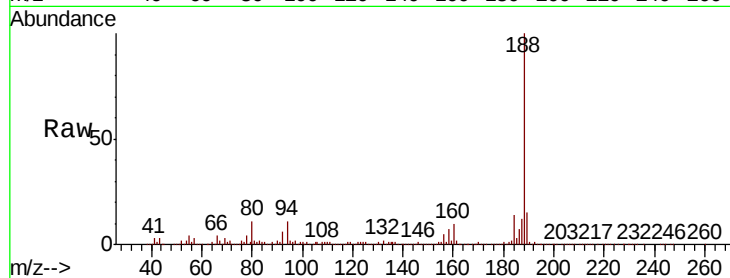
Tgt Ion:188 Resp: 491354

Ion Ratio Lower Upper

188 100

94 10.9 9.6 14.4

80 11.1 9.8 14.6



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

800000

600000

400000

200000

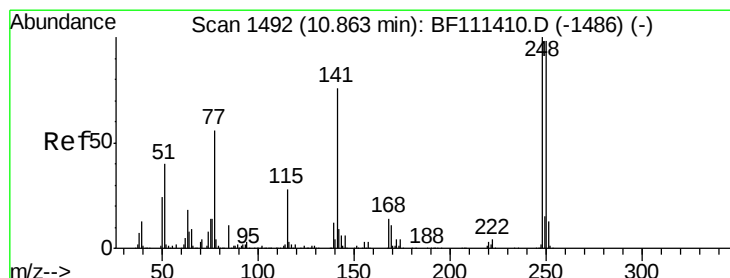
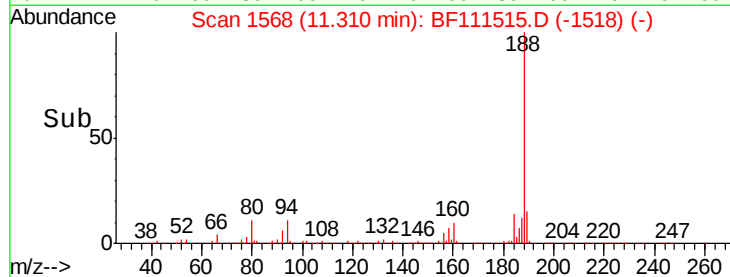
0

11.31

11.30

11.40

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.027 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.25 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

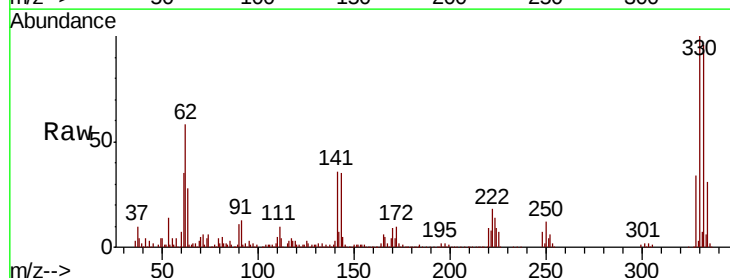
Tgt Ion:248 Resp: 16029

Ion Ratio Lower Upper

248 100

250 181.3 77.0 115.4#

141 526.1 63.0 94.6#



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

100000

50000

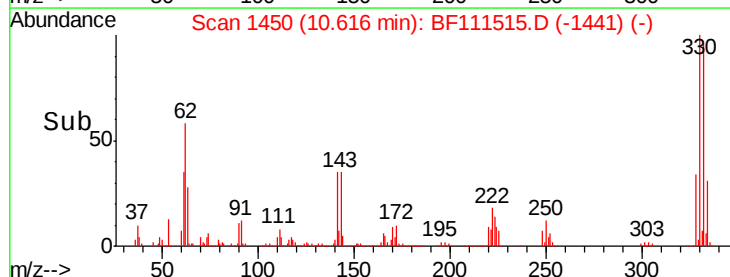
0

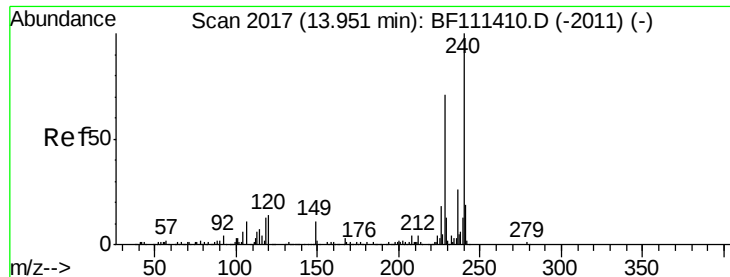
10.62

10.60

10.65

Time-->

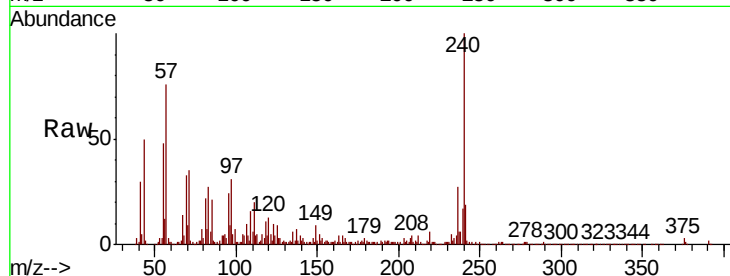




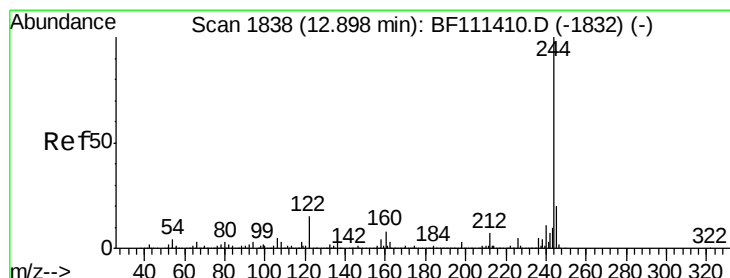
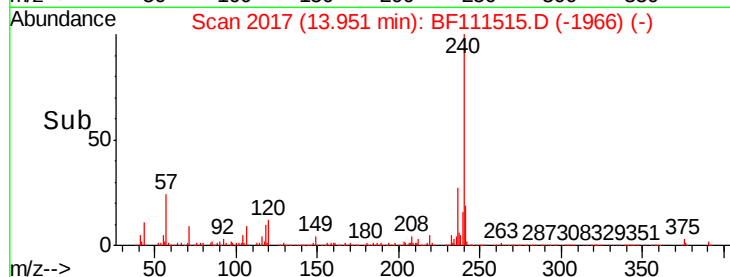
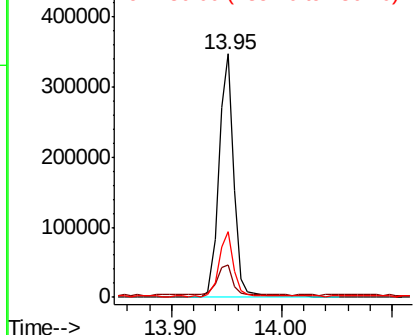
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	12.2	18.2
236	27.1	20.2	30.2

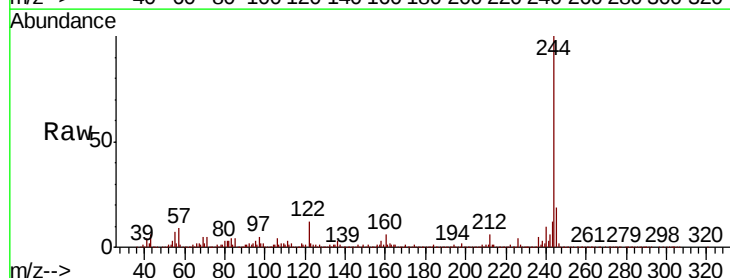


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

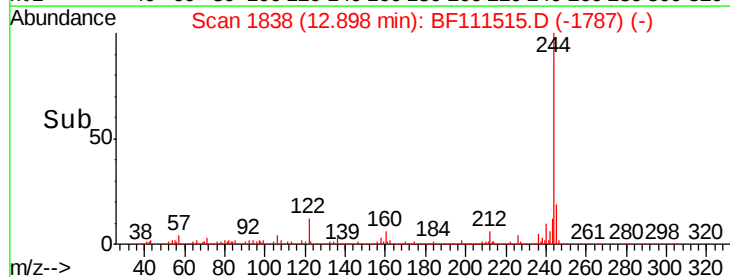
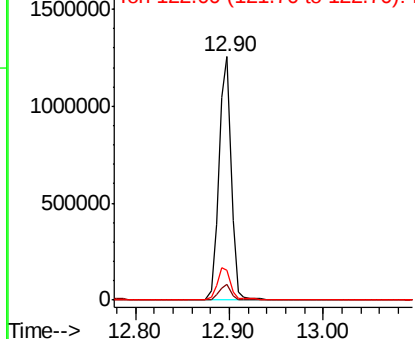


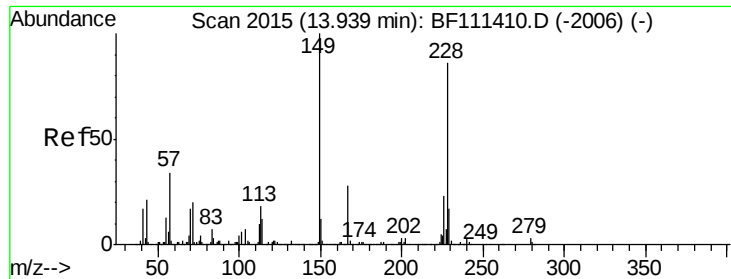
#79
Terphenyl-d14
Concen: 83.144 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111515.D
Acq: 16 Dec 2018 18:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	12.4	13.1	19.7#



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 16.120 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01

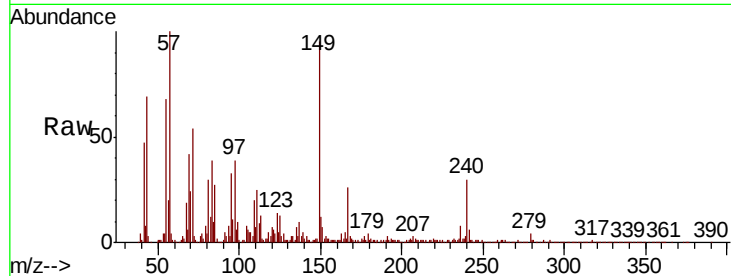
Tgt Ion:149 Resp: 229832

Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

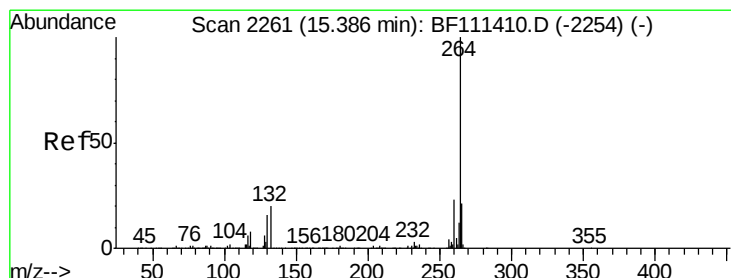
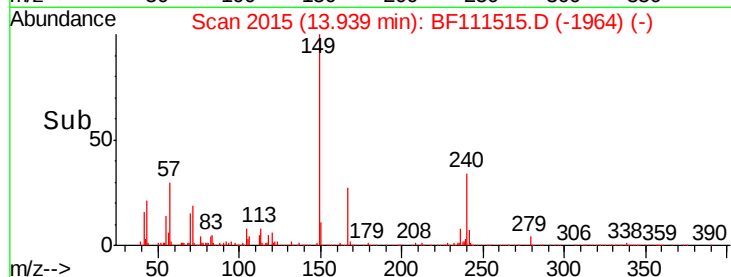
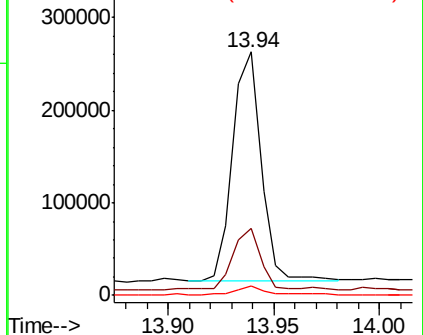
279 3.7 2.6 4.0



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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111515.D

Acq: 16 Dec 2018 18:23

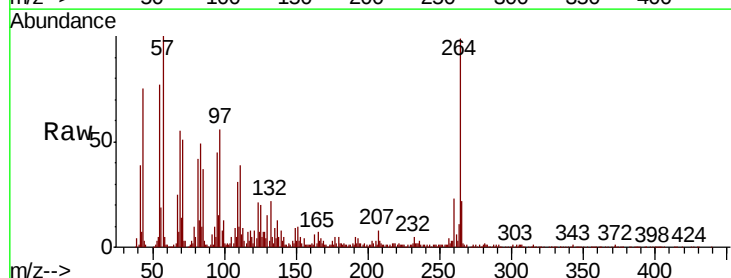
Tgt Ion:264 Resp: 205794

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 22.0 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

