

Data File : BF111502.D
Acq On : 16 Dec 2018 8:23
Operator : JU/SJ
Sample : J6438-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
23678

Quant Time: Dec 17 01:01:32 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

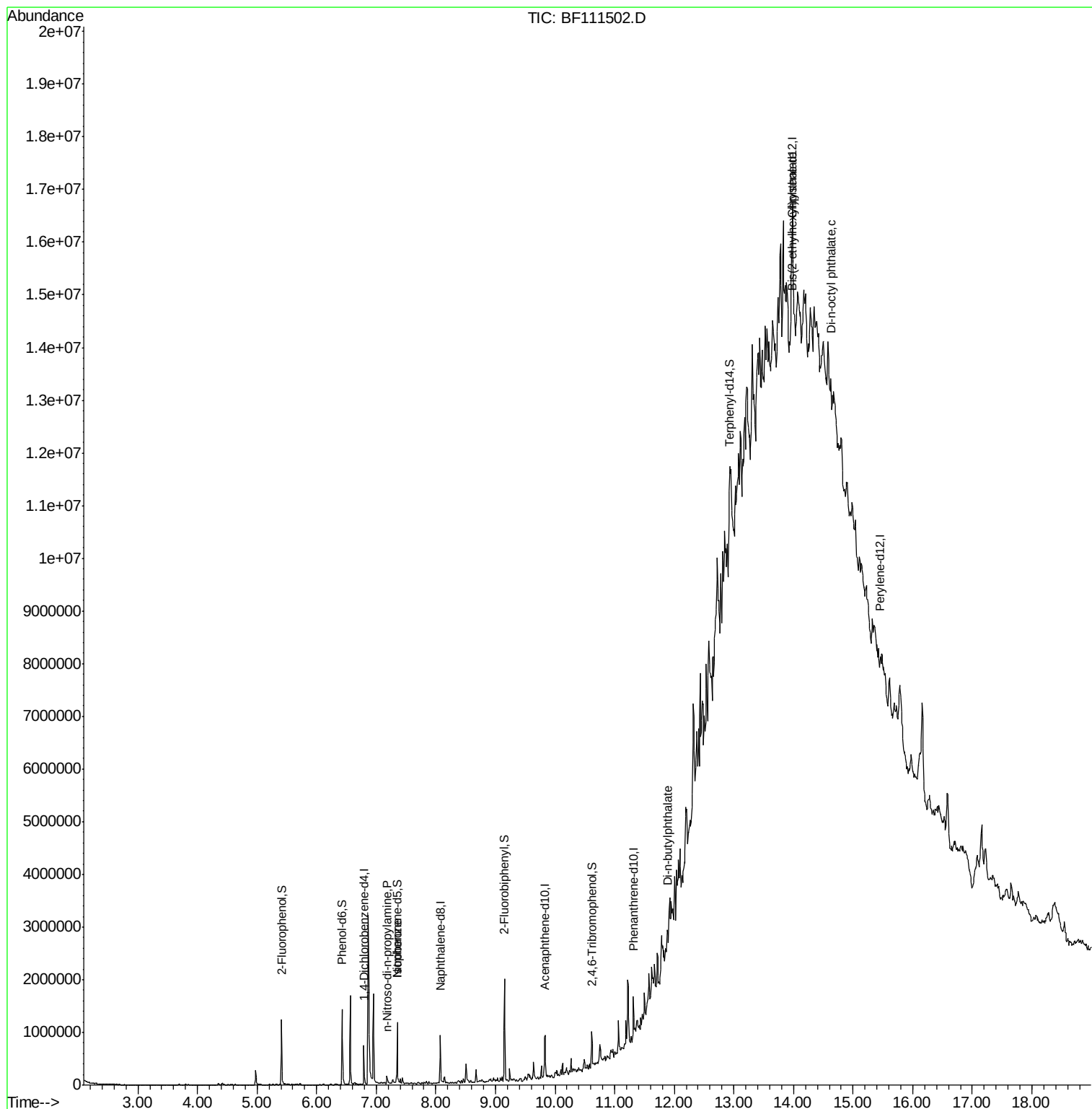
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107362	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	382719	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	166870	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	297806	20.00	ng	0.00
76) Chrysene-d12	13.99	240	144289	20.00	ng	0.04
87) Perylene-d12	15.46	264	128933	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	342156	53.03	ng	0.00
7) Phenol-d6	6.43	99	428226	49.90	ng	-0.01
23) Nitrobenzene-d5	7.35	82	303037	47.15	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	72924	48.79	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	563741	52.18	ng	0.00
79) Terphenyl-d14	12.92	244	464440	75.59	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	14465	2.555	ng	# 49
25) Isophorone	7.35	82	303037	27.866	ng	# 64
74) Di-n-butylphthalate	11.88	149	69185	3.828	ng	# 95
84) Bis(2-ethylhexyl)phthalate	13.98	149	1126285	177.834	ng	# 98
85) Di-n-octyl phthalate	14.63	149	81672	7.645	ng	# 57

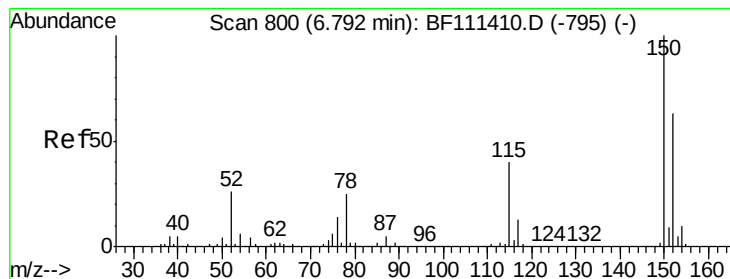
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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ClientSampleId :

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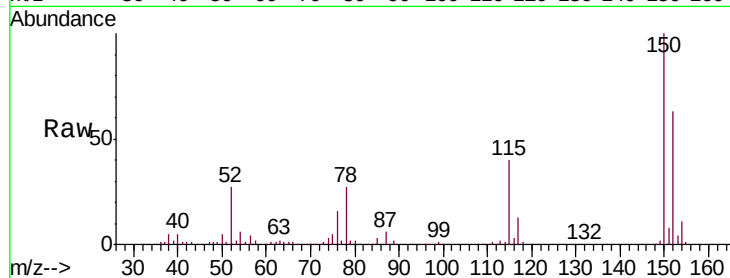
Tgt Ion:152 Resp: 107362

Ion Ratio Lower Upper

152 100

150 157.8 126.6 189.8

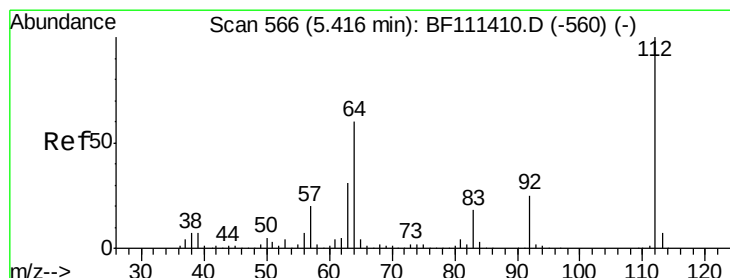
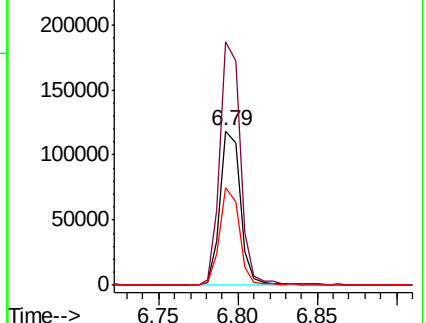
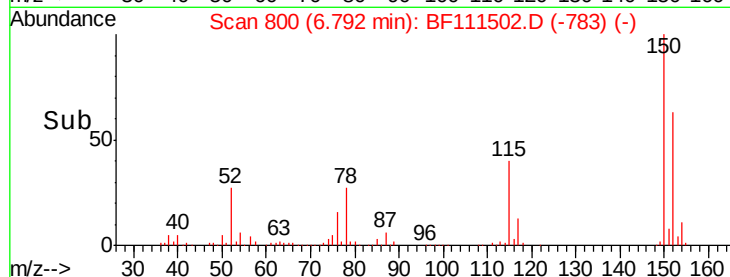
115 63.6 50.7 76.1



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: 53.033 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

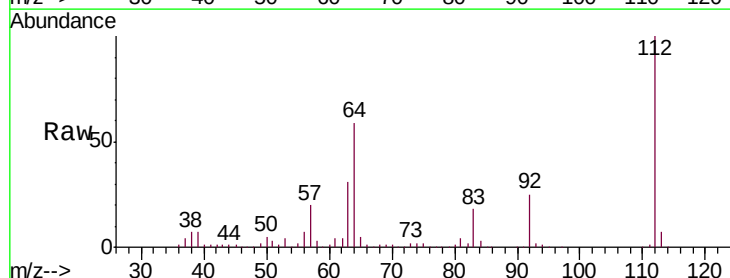
Tgt Ion:112 Resp: 342156

Ion Ratio Lower Upper

112 100

64 59.5 51.8 77.6

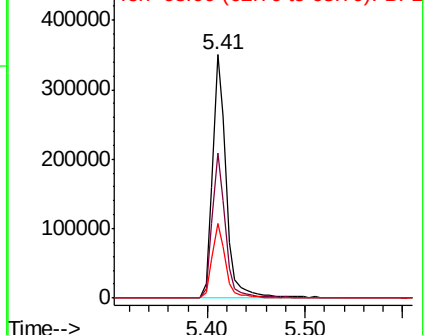
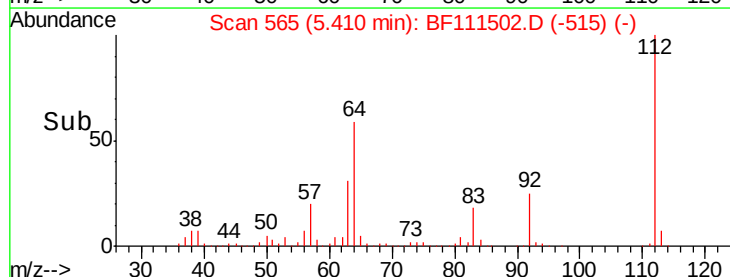
63 30.8 26.8 40.2

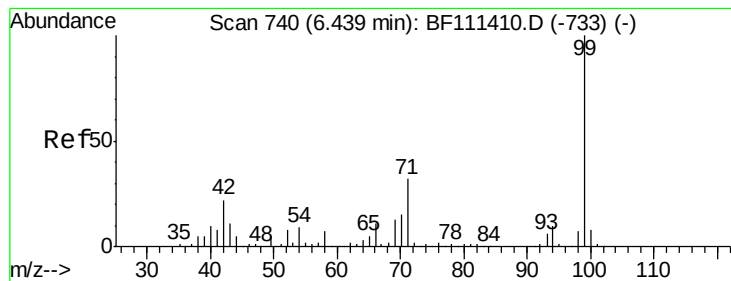


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 49.898 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

Instrument :

BNA_F

ClientSampleId :

23678

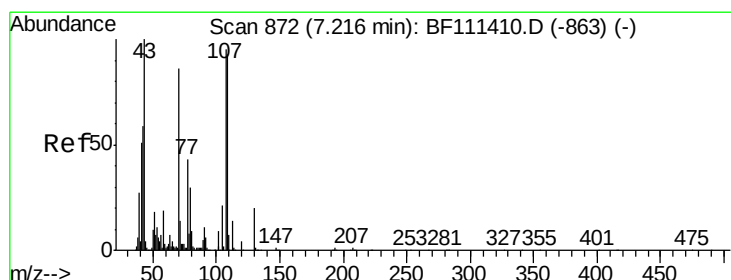
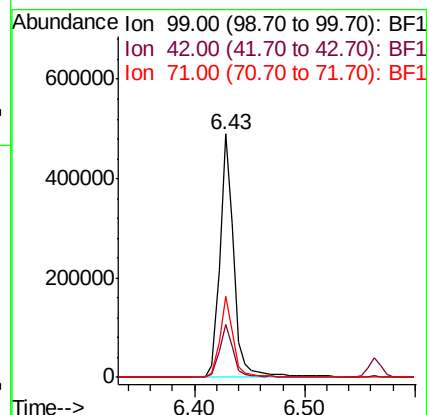
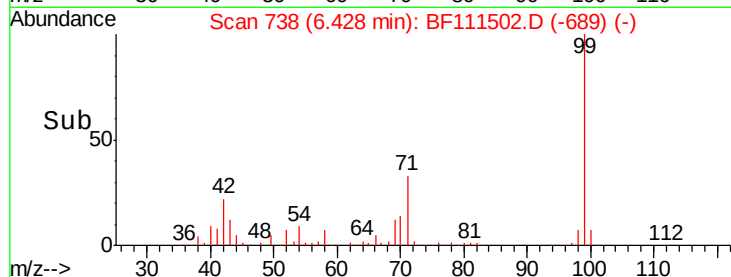
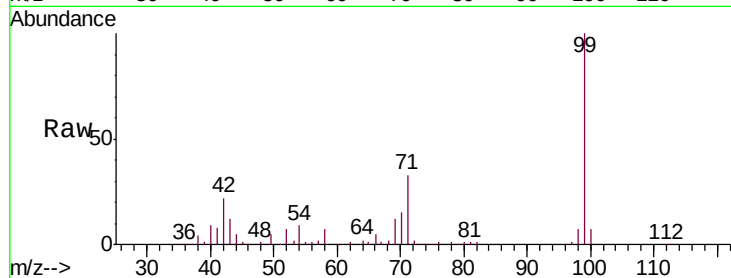
Tgt Ion: 99 Resp: 428226

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

71 33.2 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 2.555 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.04 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

Tgt Ion: 70 Resp: 14465

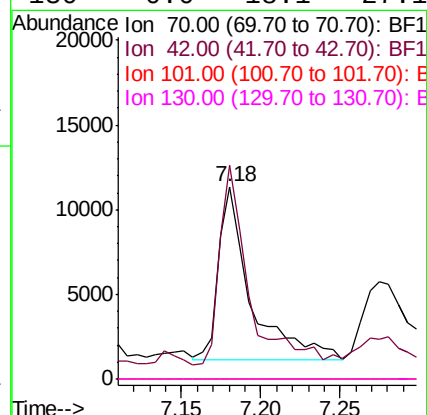
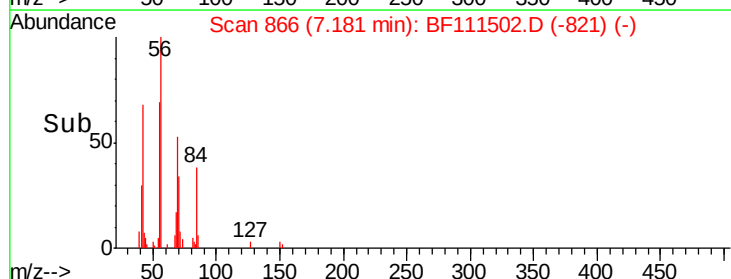
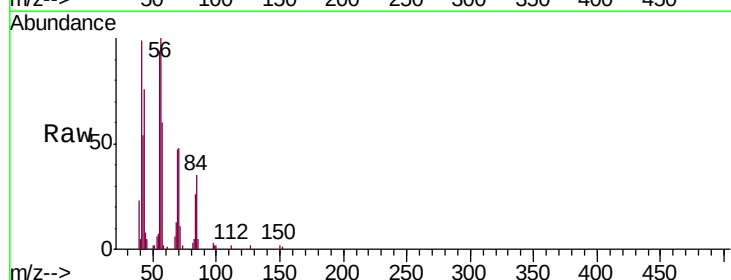
Ion Ratio Lower Upper

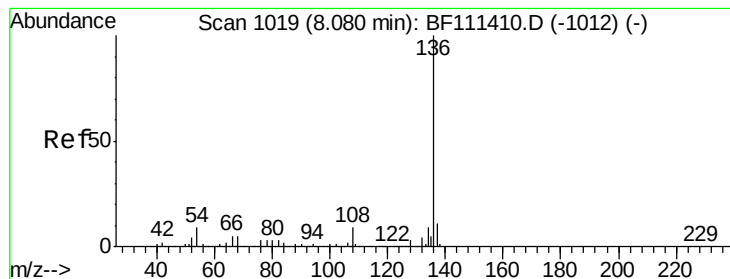
70 100

42 111.1 53.2 79.8#

101 0.0 8.2 12.4#

130 0.0 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: BF111502.D

Acq: 16 Dec 2018 8:23

Instrument :

BNA_F

ClientSampleId :

23678

Tgt Ion:136 Resp: 382719

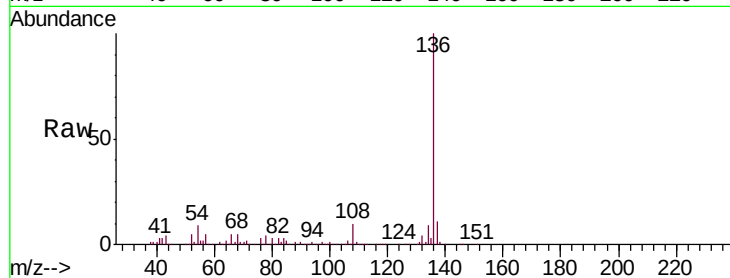
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.3 7.7 11.5

68 5.0 4.9 7.3

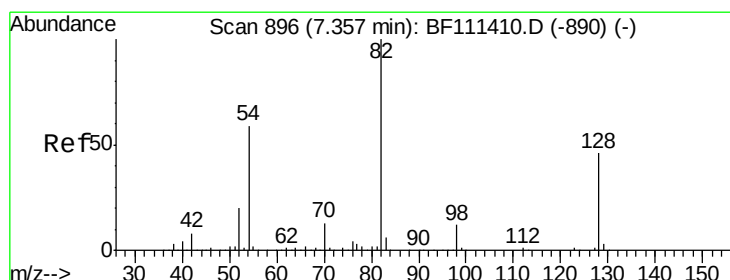
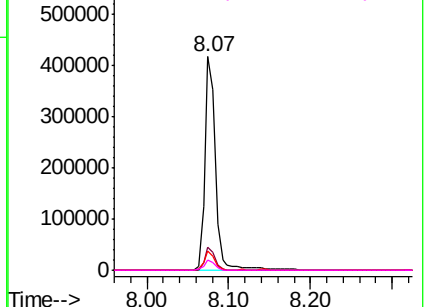
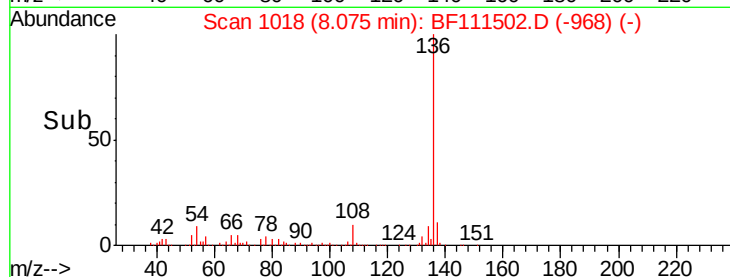


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.151 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

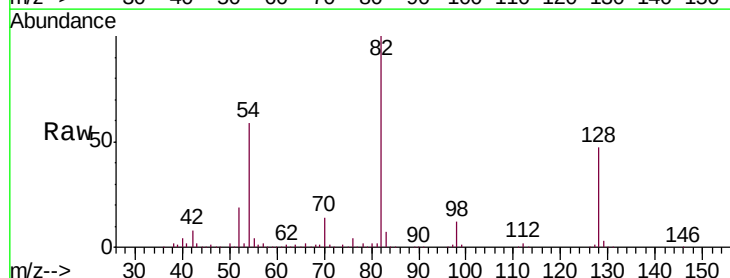
Tgt Ion: 82 Resp: 303037

Ion Ratio Lower Upper

82 100

128 46.6 37.4 56.2

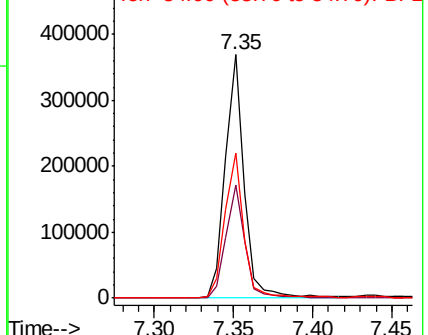
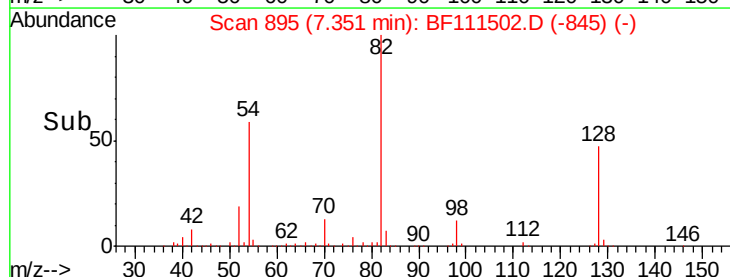
54 59.4 47.6 71.4

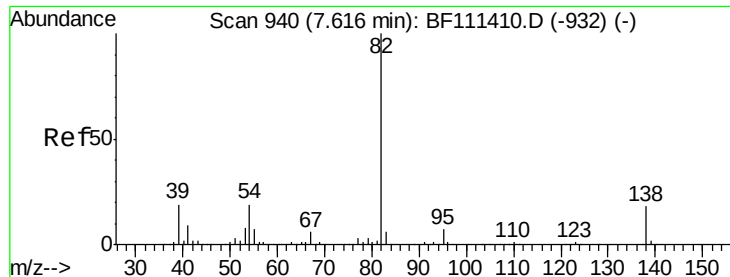


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

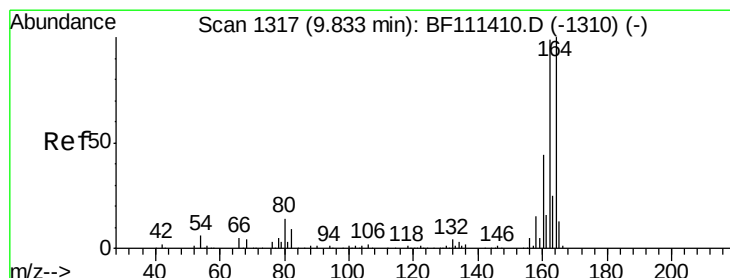
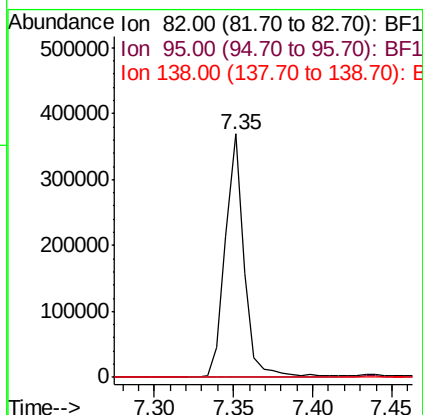
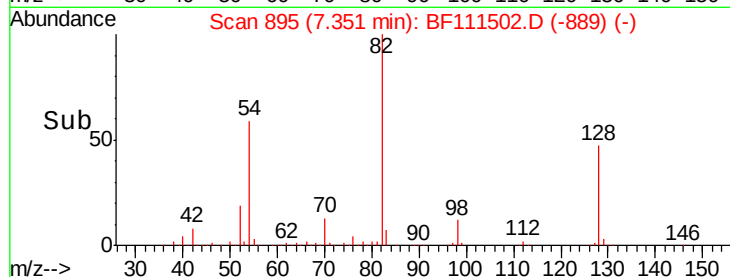
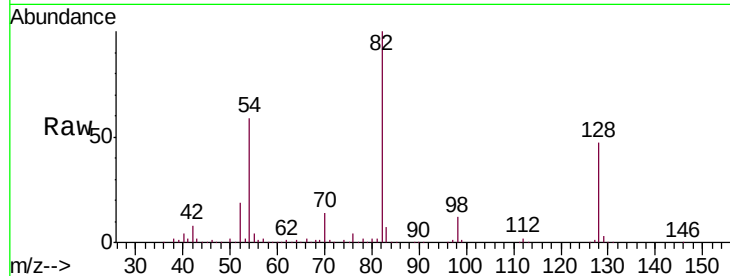




#25
Isophorone
Concen: 27.866 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111502.D
Acq: 16 Dec 2018 8:23

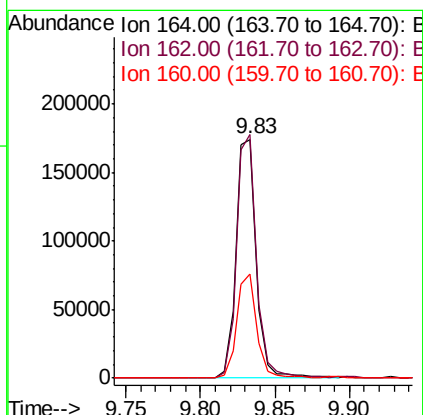
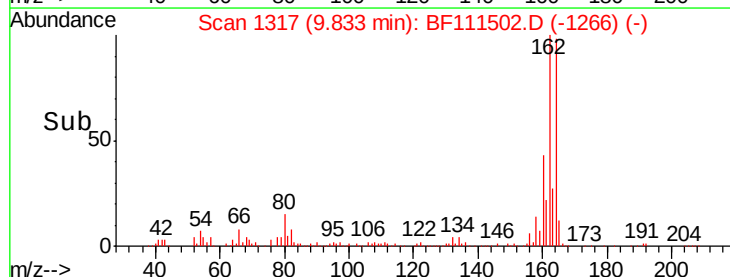
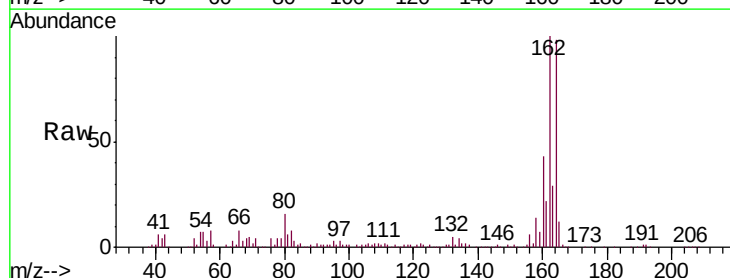
Instrument :
BNA_F
ClientSampled :
23678

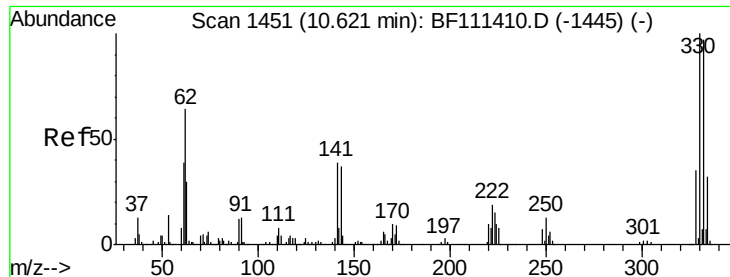
Tgt Ion: 82 Resp: 303037
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111502.D
Acq: 16 Dec 2018 8:23

Tgt Ion: 164 Resp: 166870
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 43.9 35.7 53.5

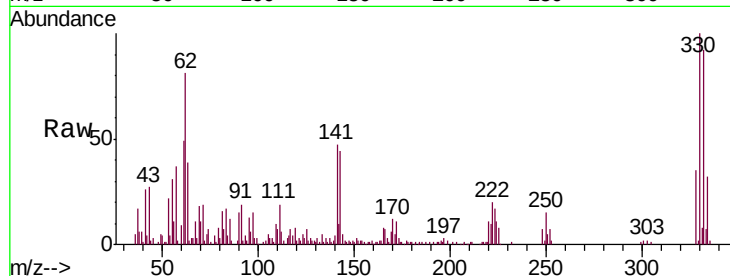




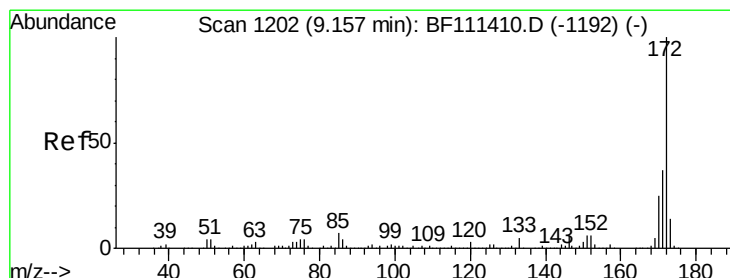
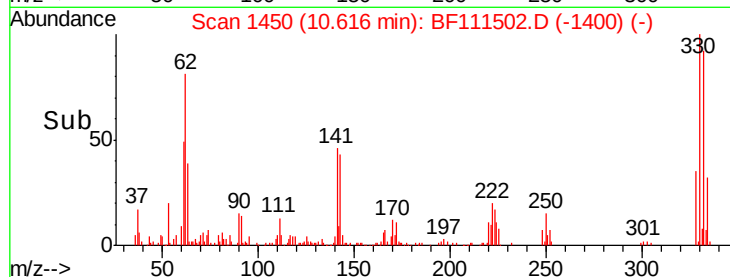
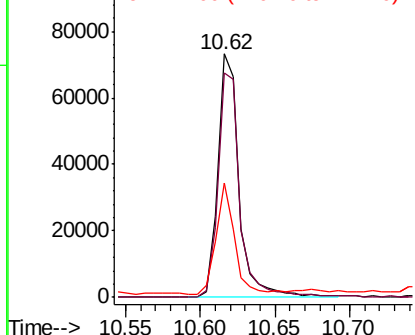
#42
 2,4,6-Tribromophenol
 Concen: 48.785 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111502.D
 Acq: 16 Dec 2018 8:23

Instrument :
 BNA_F
 ClientSampled :
 23678

Tgt Ion: 330 Resp: 72924
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 39.4 31.0 46.6

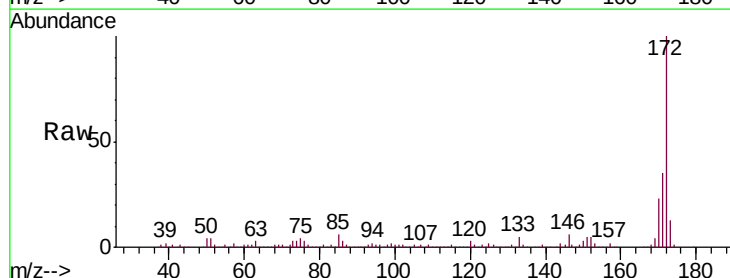


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

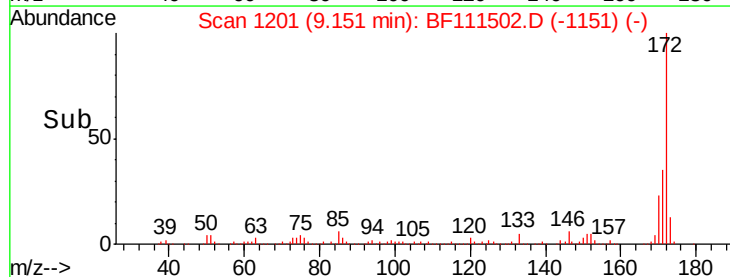
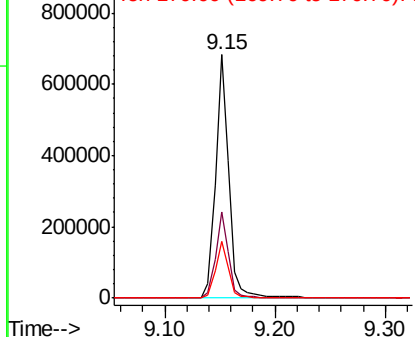


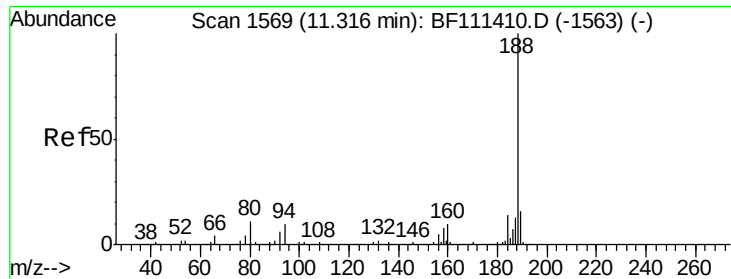
#45
 2-Fluorobiphenyl
 Concen: 52.183 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111502.D
 Acq: 16 Dec 2018 8:23

Tgt Ion: 172 Resp: 563741
 Ion Ratio Lower Upper
 172 100
 171 35.2 33.0 49.4
 170 23.1 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

Instrument :

BNA_F

ClientSampleId :

23678

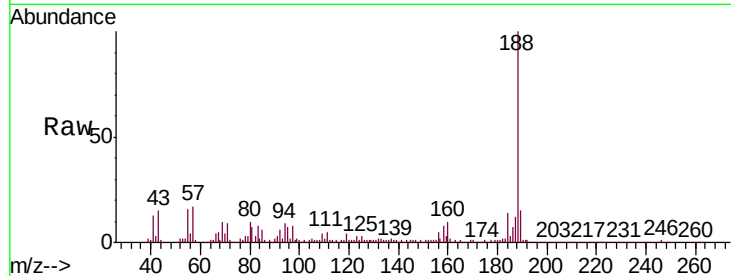
Tgt Ion:188 Resp: 297806

Ion Ratio Lower Upper

188 100

94 9.5 9.6 14.4#

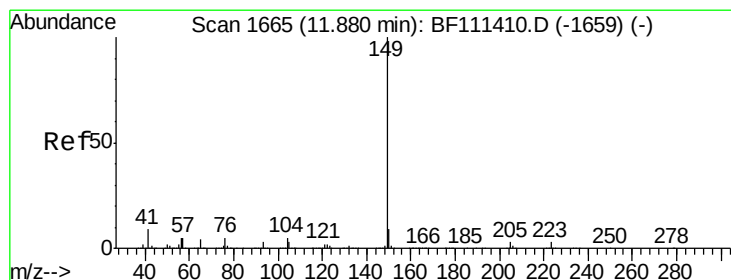
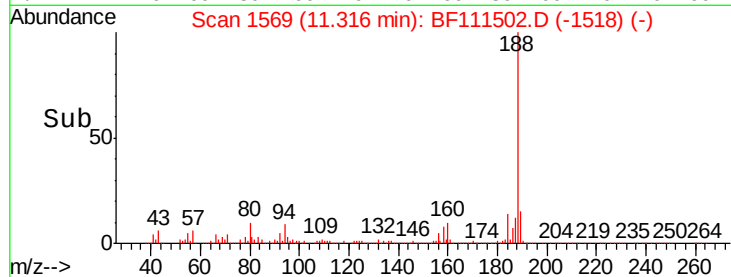
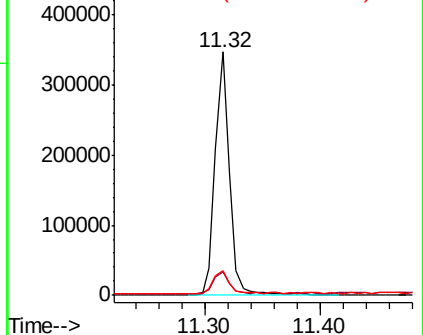
80 10.4 9.8 14.6



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



#74

Di-n-butylphthalate

Concen: 3.828 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

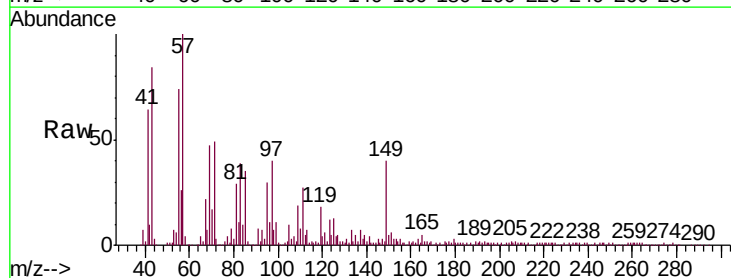
Tgt Ion:149 Resp: 69185

Ion Ratio Lower Upper

149 100

150 13.7 8.8 13.2#

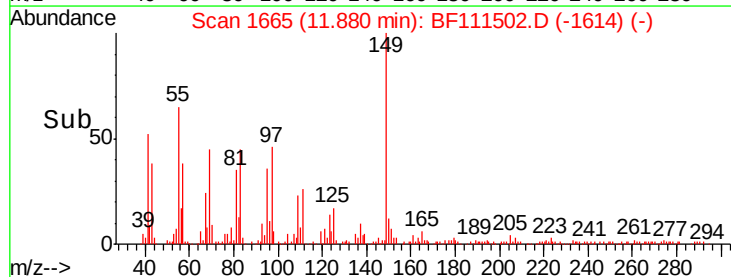
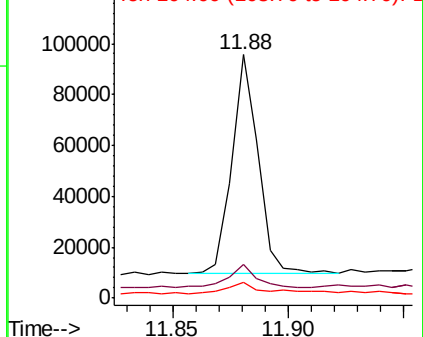
104 6.3 4.5 6.7

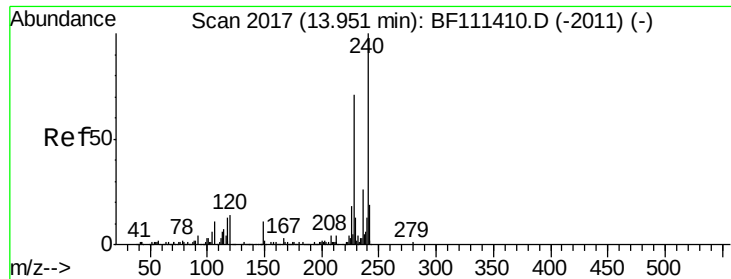


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.04 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

Instrument :

BNA_F

ClientSampleId :

23678

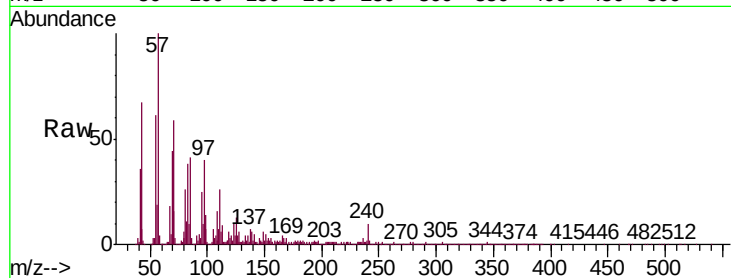
Tgt Ion:240 Resp: 144289

Ion Ratio Lower Upper

240 100

120 35.4 12.2 18.2#

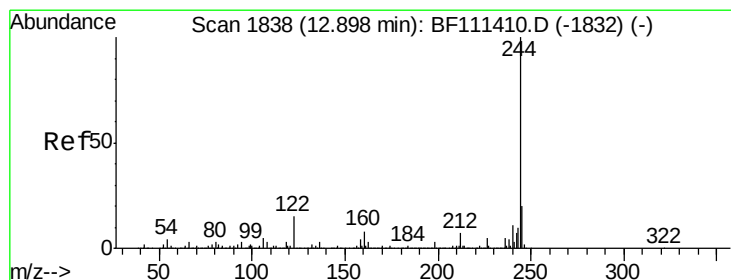
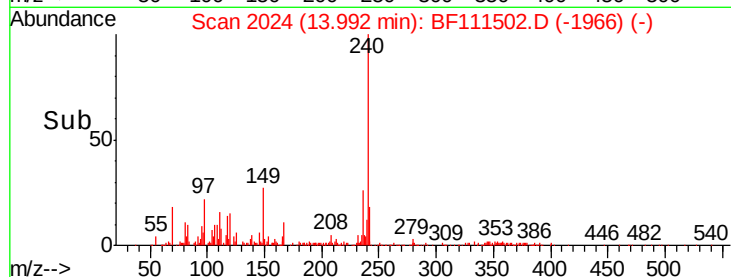
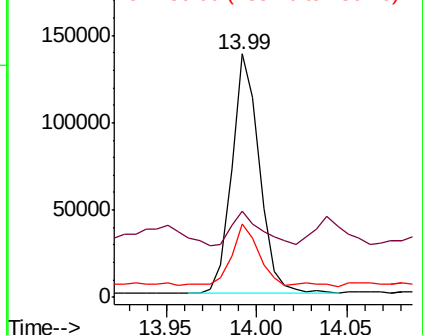
236 30.3 20.2 30.2#



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: 75.585 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.02 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

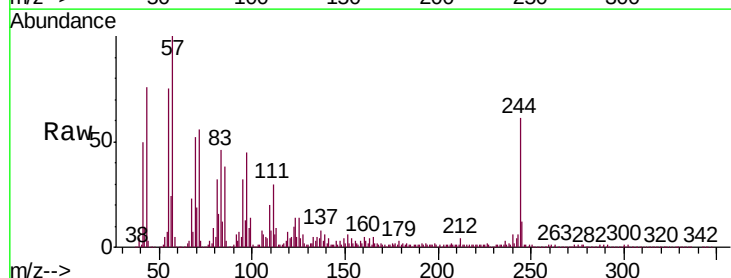
Tgt Ion:244 Resp: 464440

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

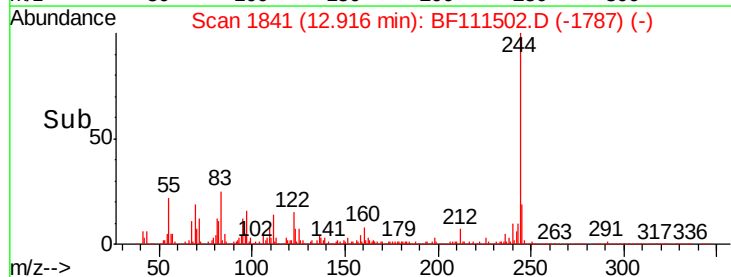
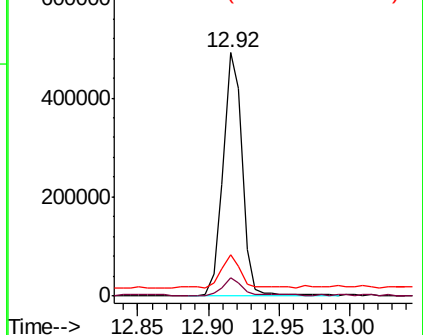
122 17.3 13.1 19.7

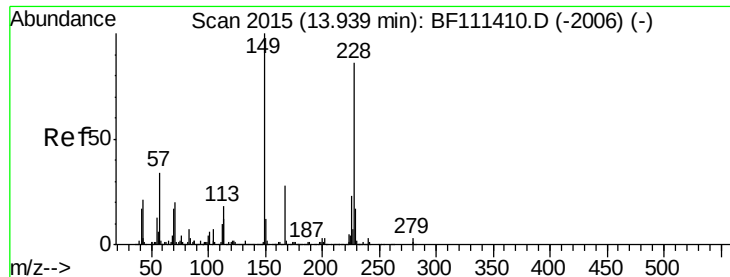


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 177.834 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.04 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

Instrument :

BNA_F

ClientSampleId :

23678

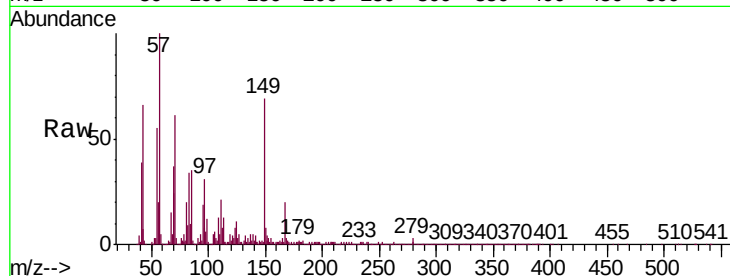
Tgt Ion:149 Resp: 1126285

Ion Ratio Lower Upper

149 100

167 29.2 22.5 33.7

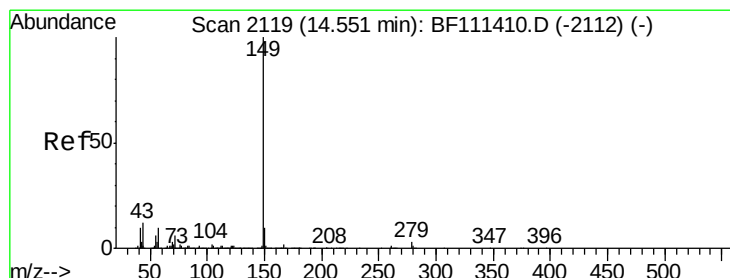
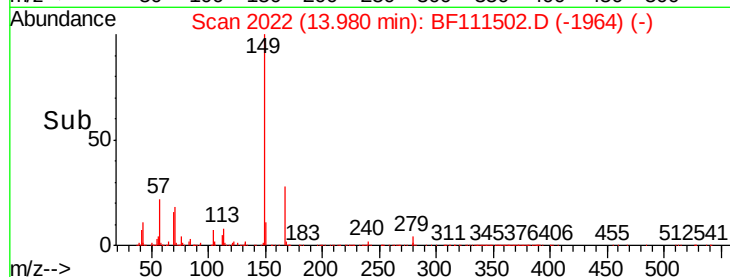
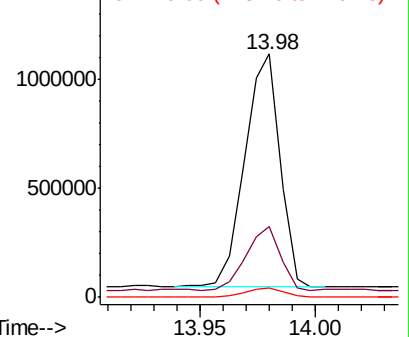
279 4.1 2.6 4.0#



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



#85

Di-n-octyl phthalate

Concen: 7.645 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.08 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

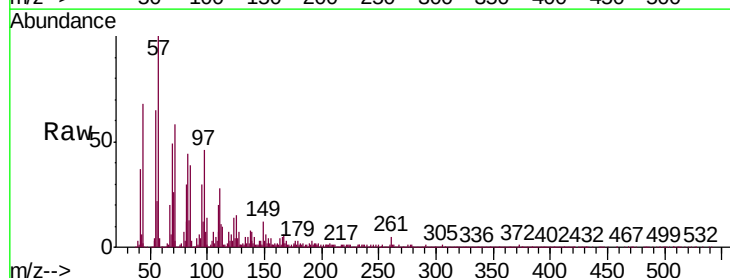
Tgt Ion:149 Resp: 81672

Ion Ratio Lower Upper

149 100

167 47.1 1.3 1.9#

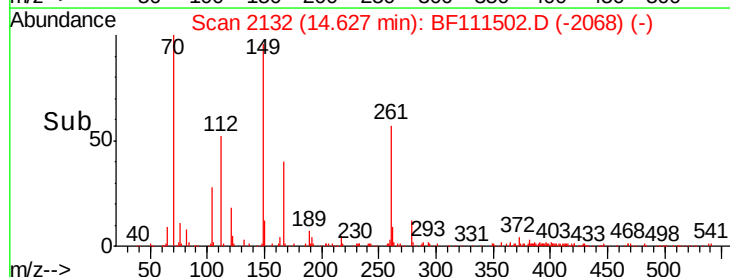
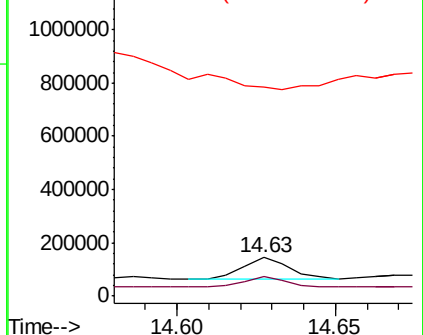
43 0.0 10.9 16.3#

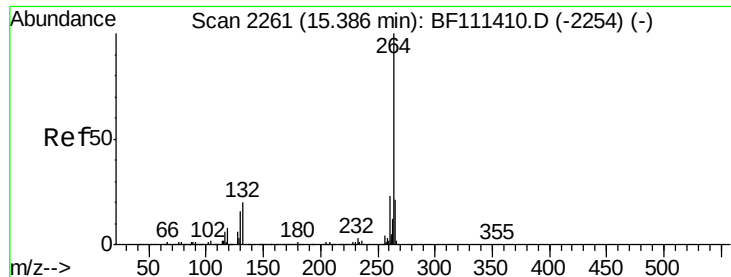


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

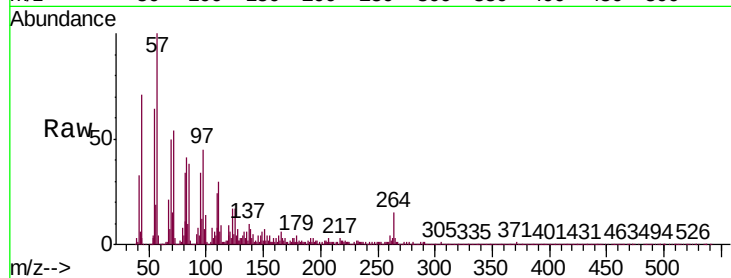




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.07 min
Lab File: BF111502.D
Acq: 16 Dec 2018 8:23

Instrument :
BNA_F
ClientSampleId :
23678

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.3	27.5
265	22.8	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

