

Data File : BF111448.D
Acq On : 15 Dec 2018 5:16
Operator : JU/SJ
Sample : J6305-01DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01DL

Quant Time: Dec 15 23:32:59 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	137189	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	510026	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	192999	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	308992	20.00	ng	0.00
76) Chrysene-d12	13.95	240	276410	20.00	ng	0.00
87) Perylene-d12	15.39	264	183165	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	47101	5.71	ng	0.00
7) Phenol-d6	6.43	99	37293	3.40	ng	0.00
23) Nitrobenzene-d5	7.35	82	70811	8.27	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	17899	10.35	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	122331	9.79	ng	0.00
79) Terphenyl-d14	12.90	244	89612	7.61	ng	0.00

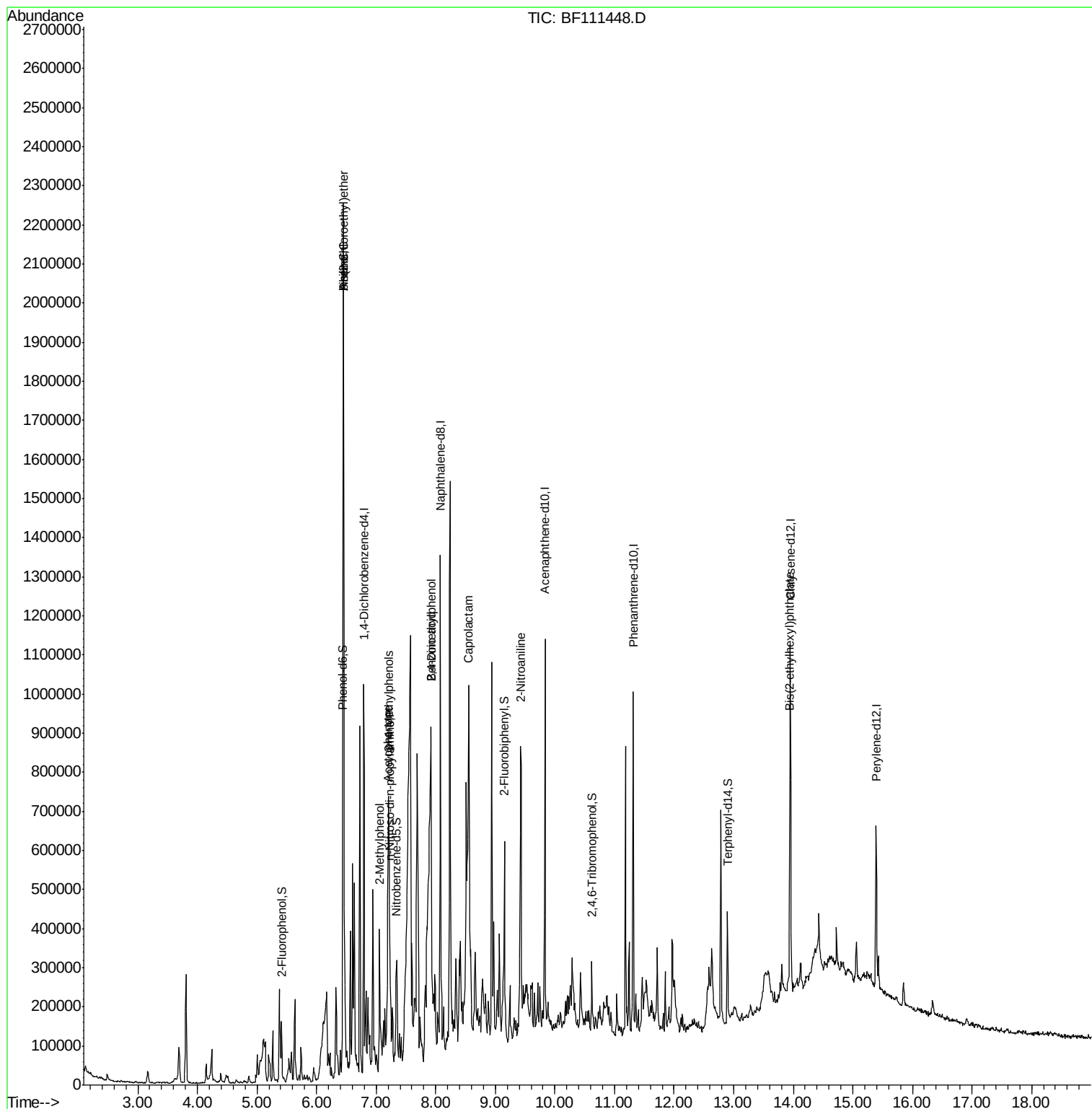
Target Compounds				Qvalue		
6) Aniline	6.45	93	49922	3.670	ng	# 1
10) Phenol	6.45	94	741622	60.708	ng	# 96
11) bis(2-Chloroethyl)ether	6.45	93	49922	5.213	ng	# 37
17) 2-Methylphenol	7.06	107	64927	8.190	ng	# 98
19) n-Nitroso-di-n-propylamine	7.23	70	21939	3.032	ng	# 19
20) 3+4-Methylphenols	7.21	107	93922	9.445	ng	# 65
22) Acetophenone	7.20	105	88601	7.782	ng	# 87
27) 2,4-Dimethylphenol	7.92	122	538932	82.045	ng	# 7
32) Benzoic acid	7.92	122	538932	94.943	ng	# 99
35) Caprolactam	8.55	113	139632	53.633	ng	# 95
48) 2-Nitroaniline	9.43	65	42146	10.443	ng	# 26
84) Bis(2-ethylhexyl)phthalate	13.94	149	52907	4.361	ng	# 98

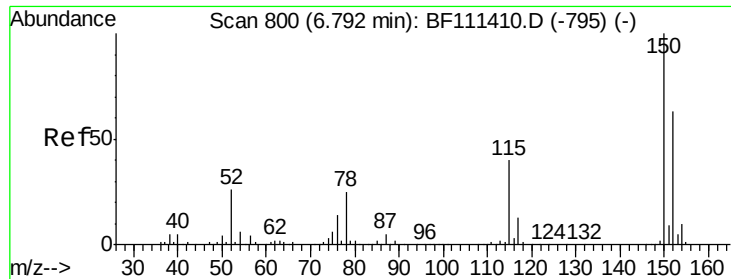
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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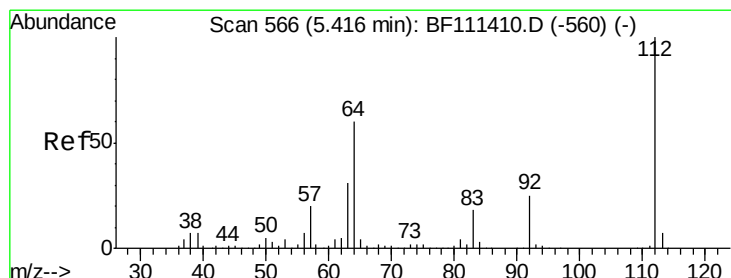
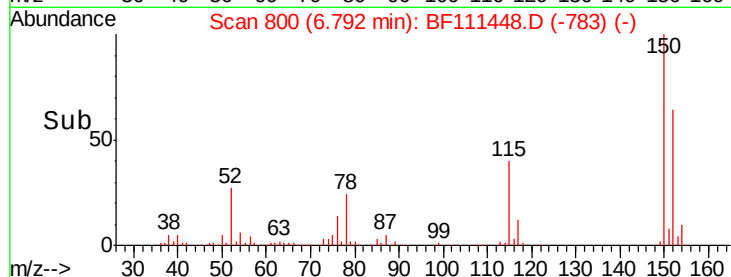
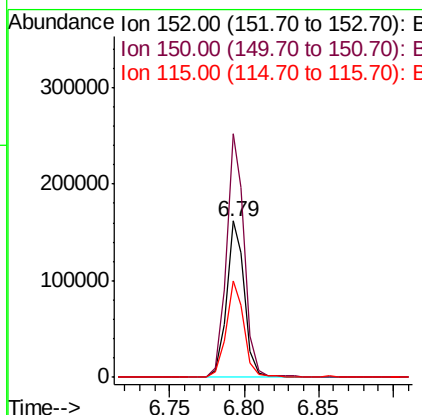
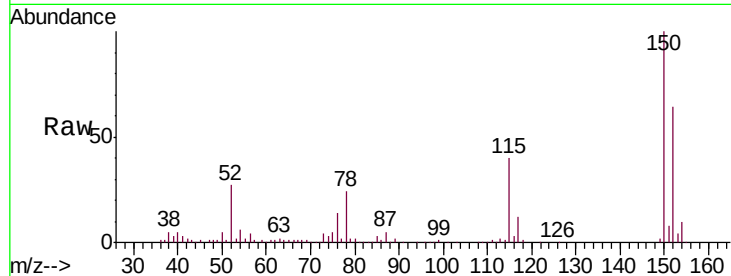




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111448.D
 Acq: 15 Dec 2018 5:16

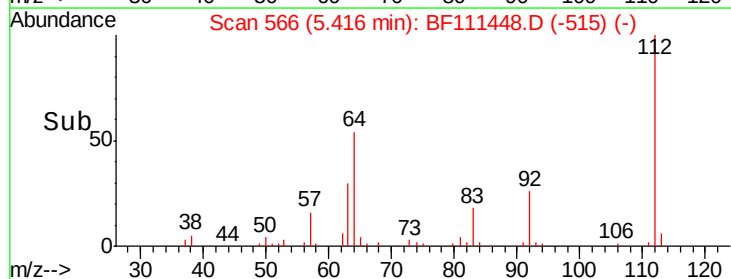
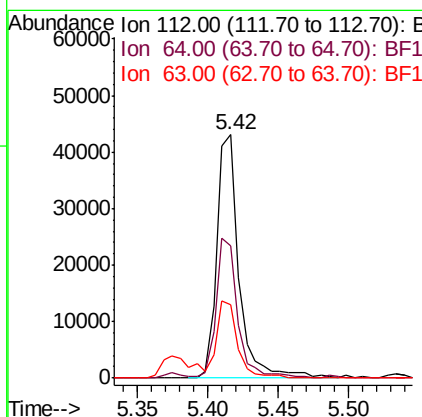
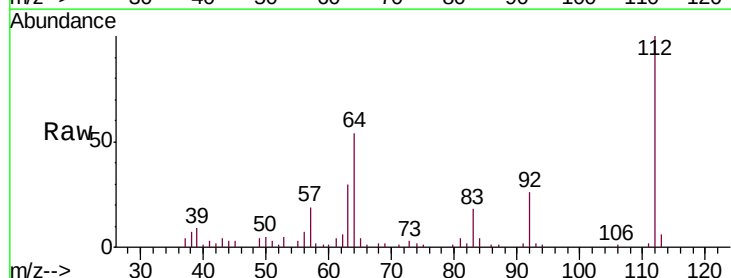
Instrument :
 BNA_F
 ClientSampleId :
 P001-SW001-01DL

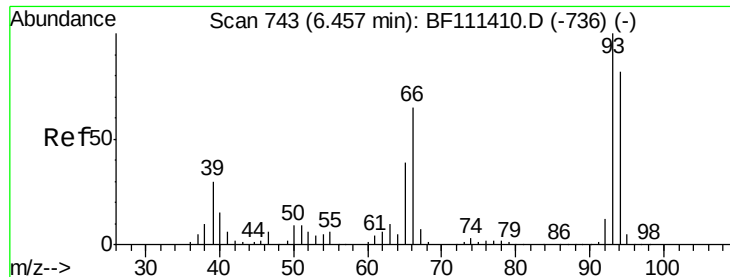
Tgt Ion:152 Resp: 137189
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.6 189.8
 115 61.8 50.7 76.1



#5
 2-Fluorophenol
 Concen: 5.713 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111448.D
 Acq: 15 Dec 2018 5:16

Tgt Ion:112 Resp: 47101
 Ion Ratio Lower Upper
 112 100
 64 54.3 51.8 77.6
 63 30.2 26.8 40.2





#6

Aniline

Concen: 3.670 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

Instrument :

BNA_F

ClientSampleId :

P001-SW001-01DL

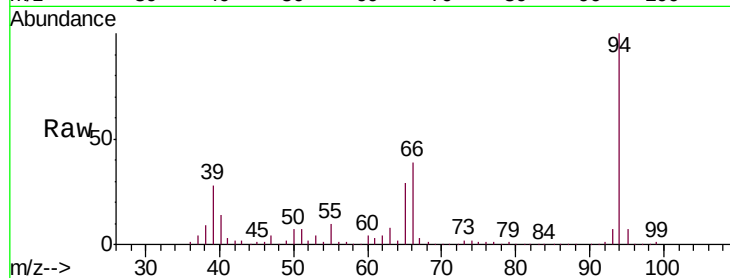
Tgt Ion: 93 Resp: 49922

Ion Ratio Lower Upper

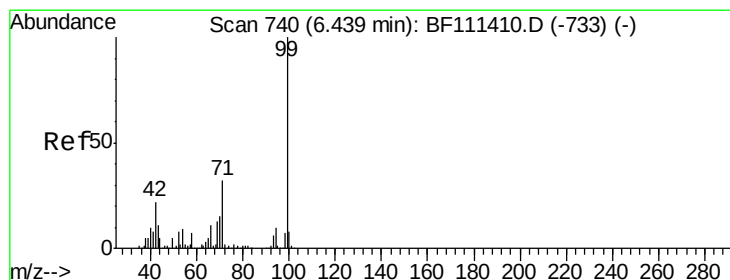
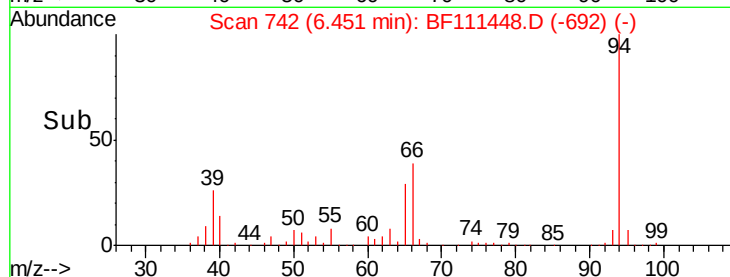
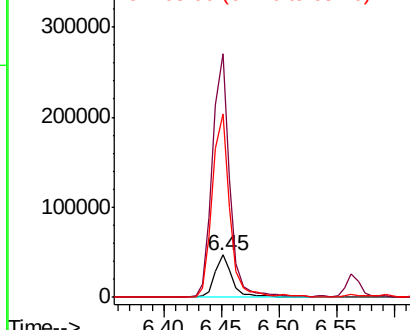
93 100

66 578.0 33.2 49.8#

65 436.0 17.0 25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 3.401 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

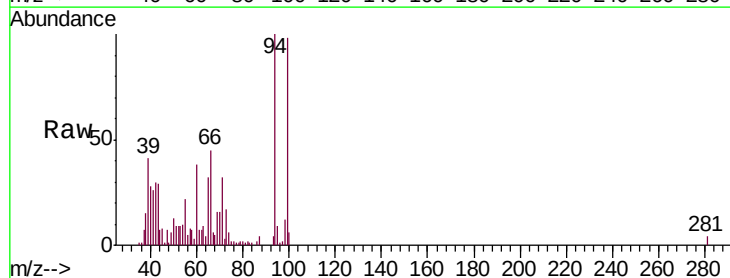
Tgt Ion: 99 Resp: 37293

Ion Ratio Lower Upper

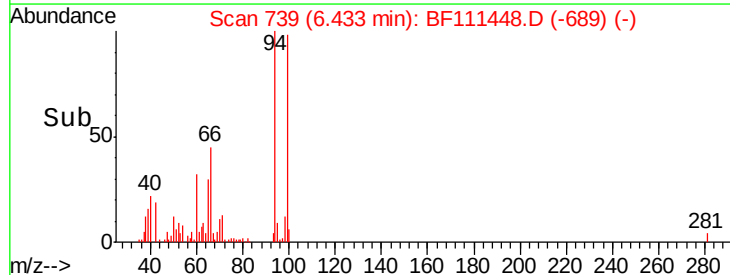
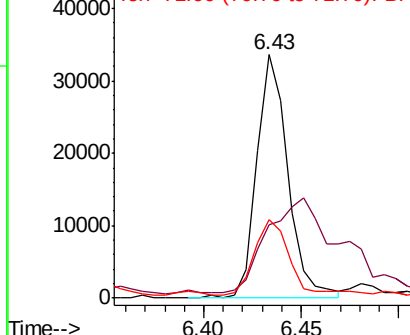
99 100

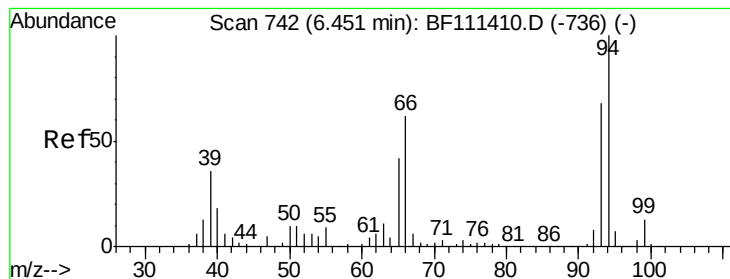
42 30.1 17.4 26.0#

71 32.1 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: 60.708 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

Instrument :

BNA_F

ClientSampleId :

P001-SW001-01DL

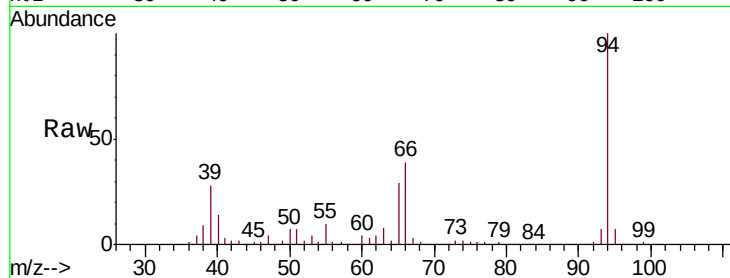
Tgt Ion: 94 Resp: 741622

Ion Ratio Lower Upper

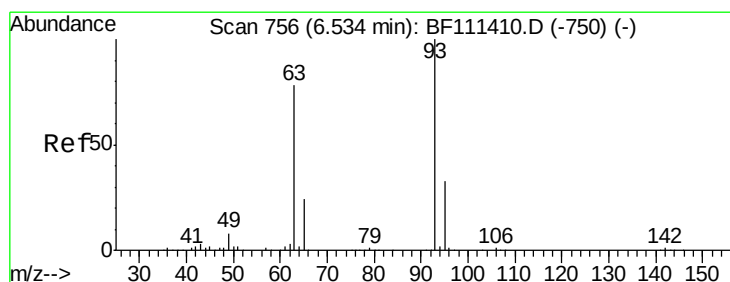
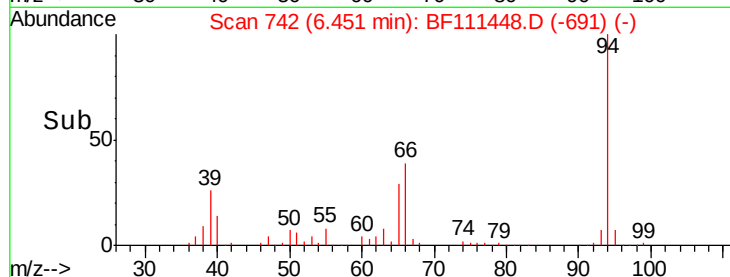
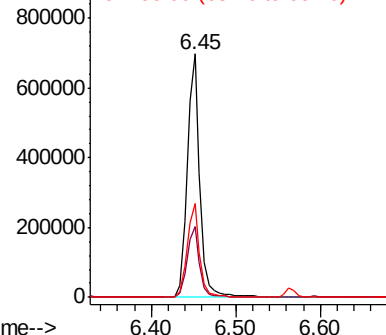
94 100

65 29.2 11.7 51.7

66 38.7 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



#11

bis(2-Chloroethyl)ether

Concen: 5.213 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.08 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

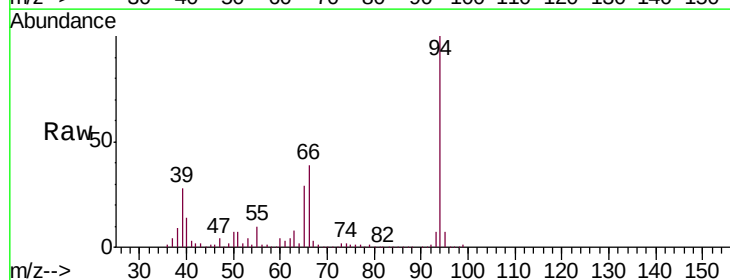
Tgt Ion: 93 Resp: 49922

Ion Ratio Lower Upper

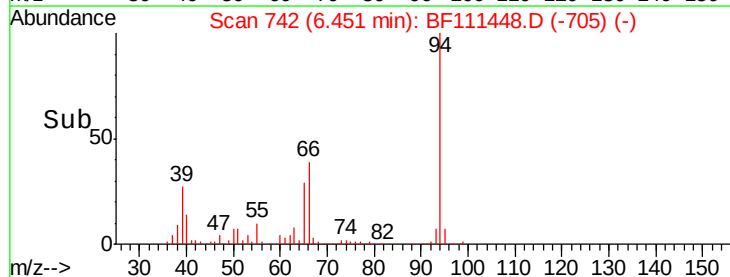
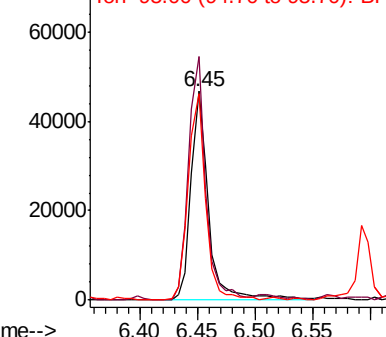
93 100

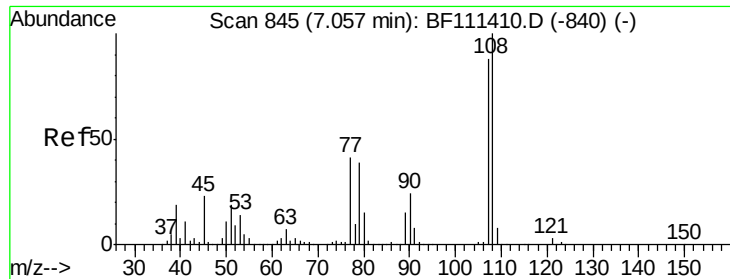
63 116.5 60.0 100.0#

95 99.1 13.4 53.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

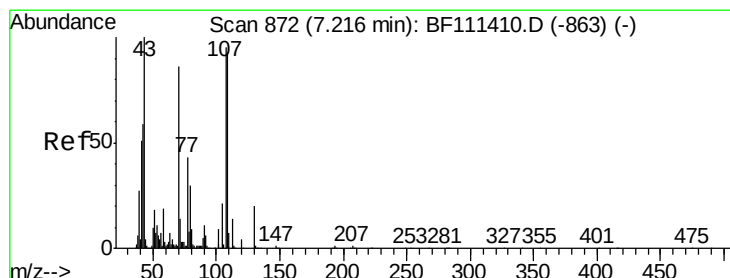
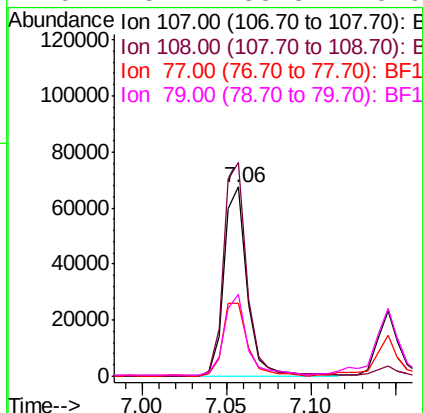
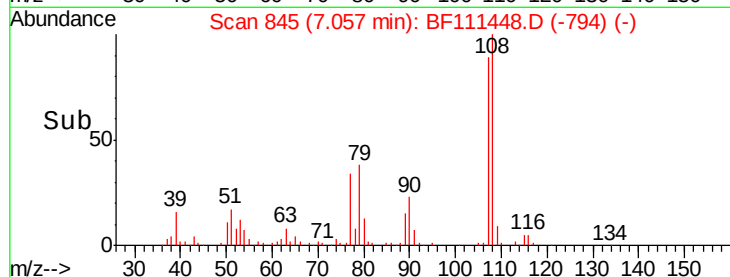
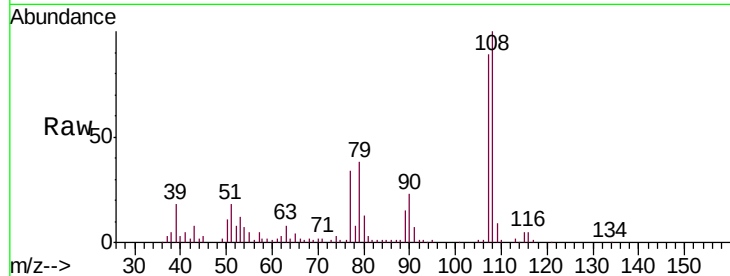




#17
2-Methylphenol
Concen: 8.190 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

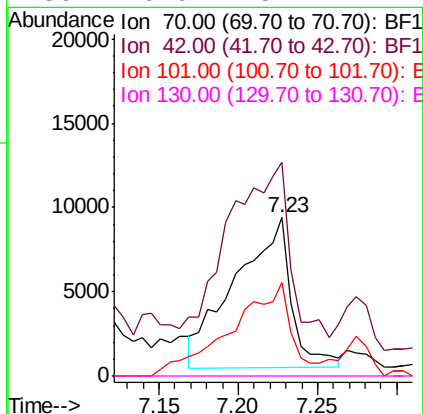
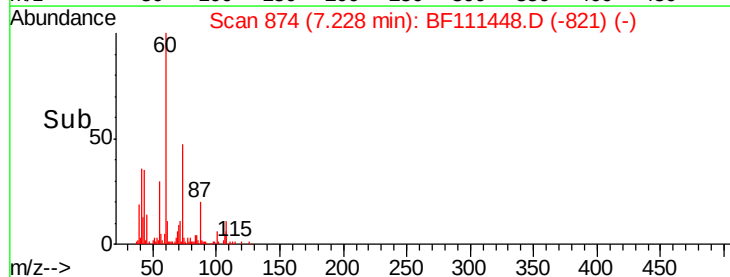
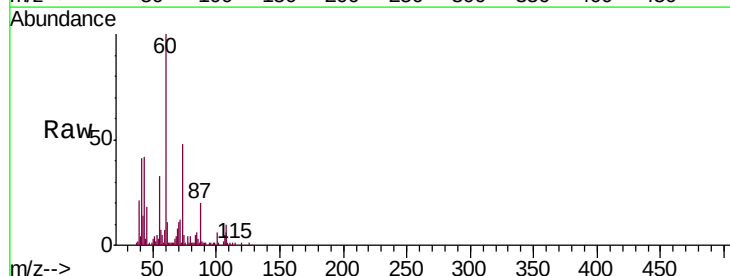
Instrument :
BNA_F
ClientSampleId :
P001-SW001-01DL

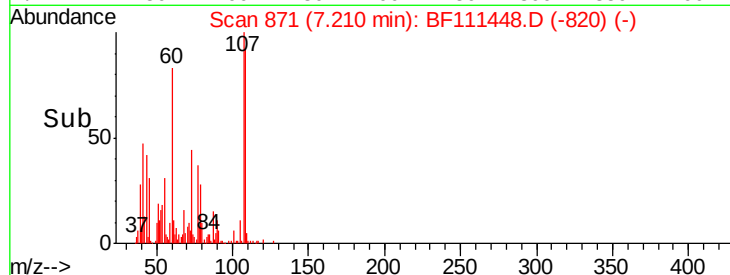
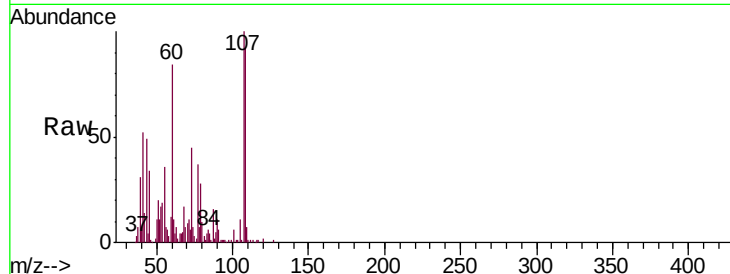
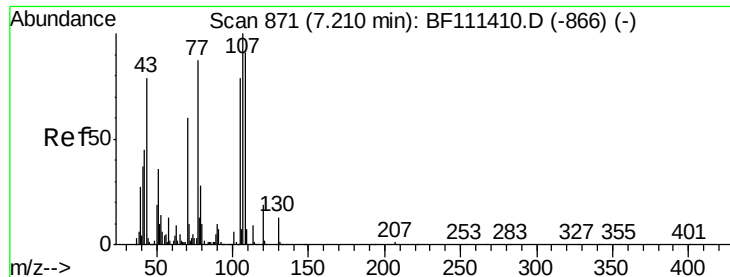
Tgt Ion:	107	Resp:	64927
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.0	136.4
77	38.5	33.5	50.3
79	43.1	33.3	49.9



#19
n-Nitroso-di-n-propylamine
Concen: 3.032 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

Tgt Ion:	70	Resp:	21939
Ion	Ratio	Lower	Upper
70	100		
42	134.8	53.2	79.8#
101	59.1	8.2	12.4#
130	0.0	18.1	27.1#

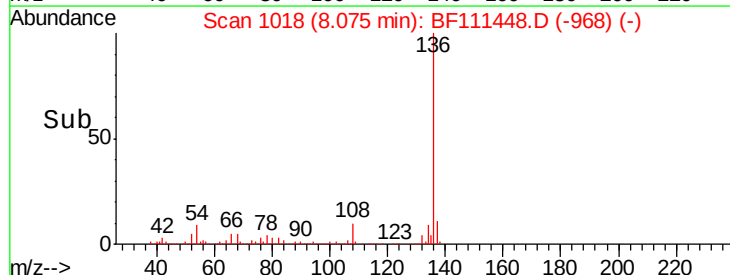
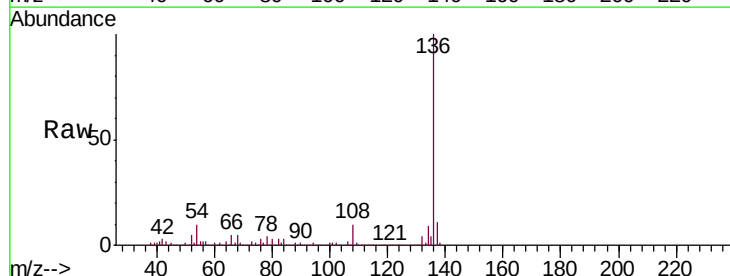
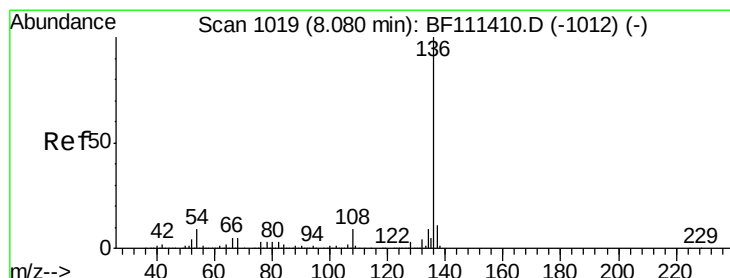
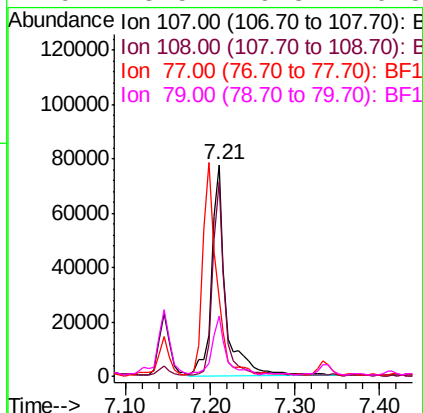




#20
3+4-Methylphenols
Concen: 9.445 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

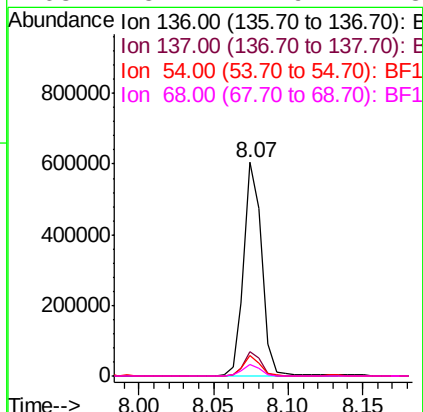
Instrument :
BNA_F
ClientSampleId :
P001-SW001-01DL

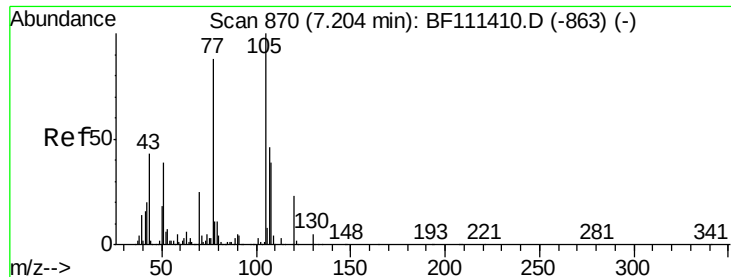
Tgt Ion:	107	Resp:	93922
Ion Ratio	Lower	Upper	
107	100		
108	92.1	72.1	112.1
77	37.1	94.1	134.1#
79	28.5	9.8	49.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

Tgt Ion:	136	Resp:	510026
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	9.6	7.7	11.5
68	5.4	4.9	7.3

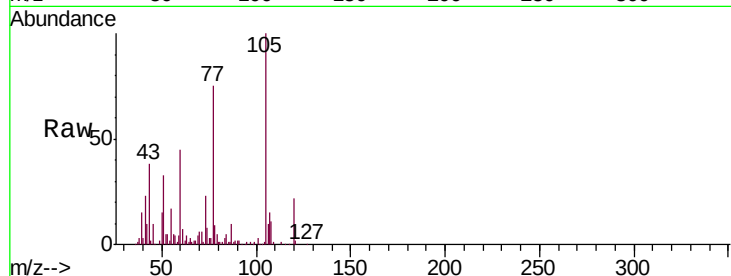




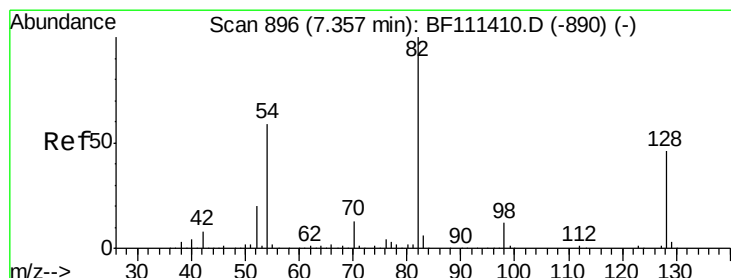
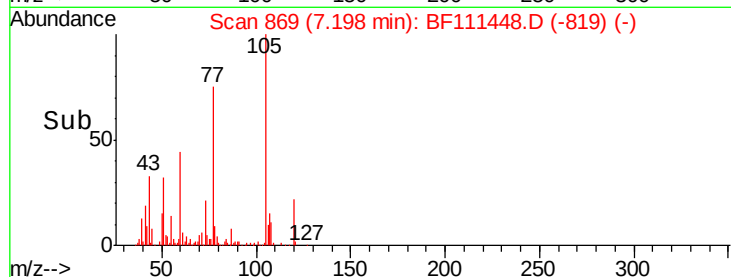
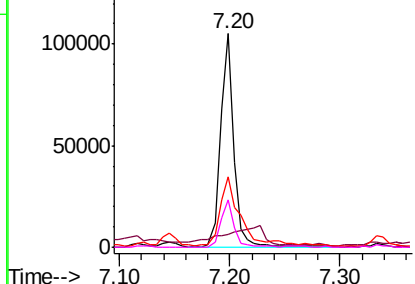
#22
Acetophenone
Concen: 7.782 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01DL

Tgt Ion:105 Resp: 88601
Ion Ratio Lower Upper
105 100
71 6.3 3.1 4.7#
51 32.8 36.6 54.8#
120 22.0 18.2 27.4

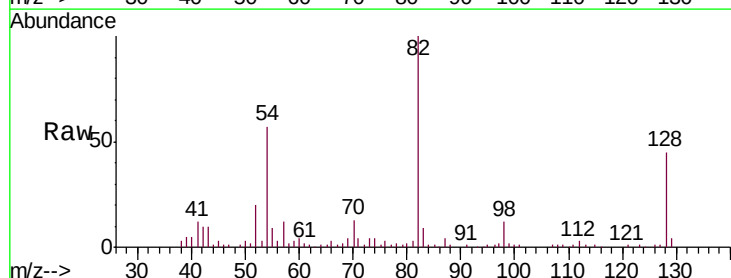


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

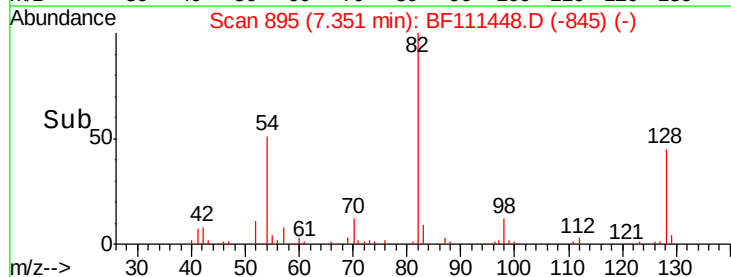
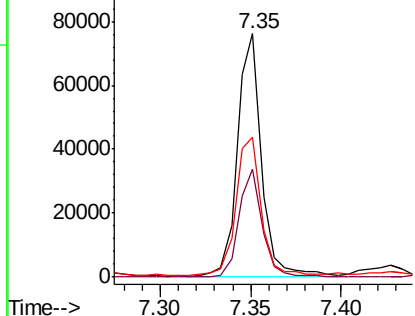


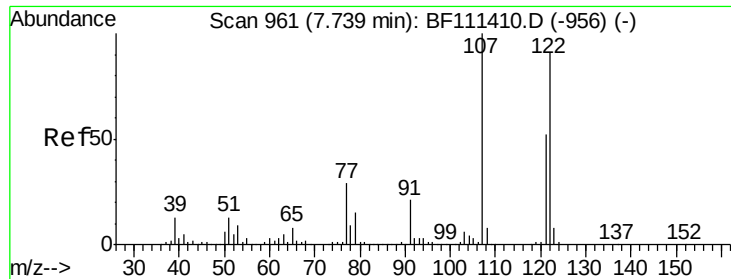
#23
Nitrobenzene-d5
Concen: 8.268 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

Tgt Ion: 82 Resp: 70811
Ion Ratio Lower Upper
82 100
128 44.6 37.4 56.2
54 57.3 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

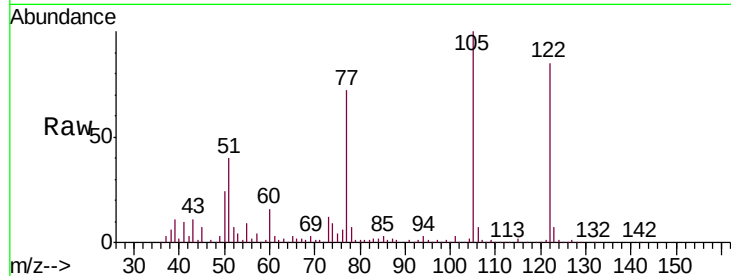




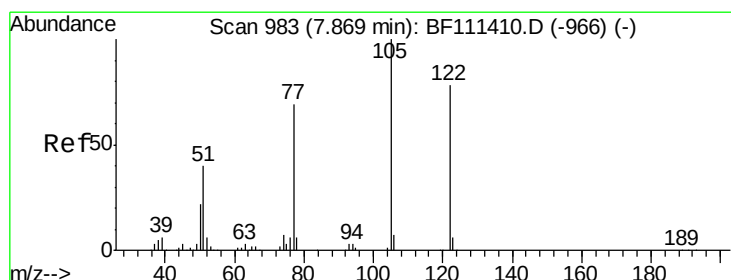
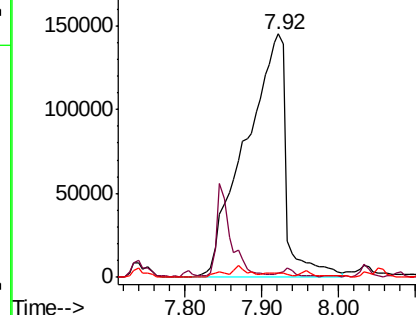
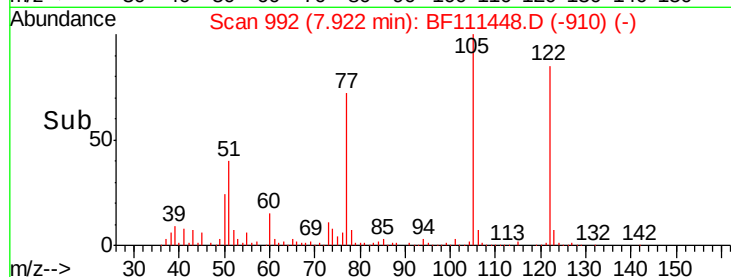
#27
2,4-Dimethylphenol
Concen: 82.045 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.18 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01DL

Tgt Ion	Ratio	Lower	Upper
122	100		
107	1.5	85.5	128.3#
121	1.5	46.6	70.0#

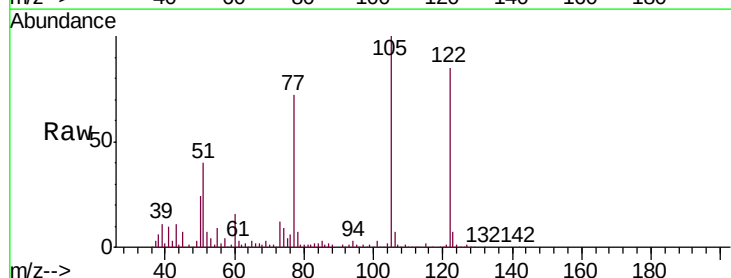


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

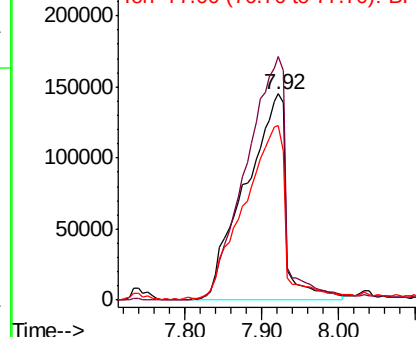
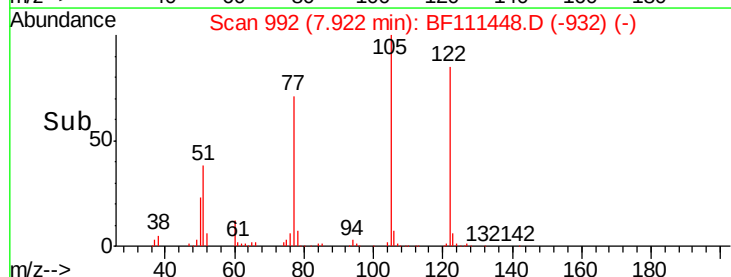


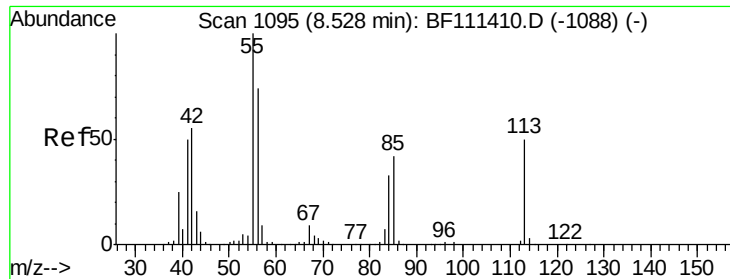
#32
Benzoic acid
Concen: 94.943 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.05 min
Lab File: BF111448.D
Acq: 15 Dec 2018 5:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.0	97.0	137.0
77	84.9	65.7	105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

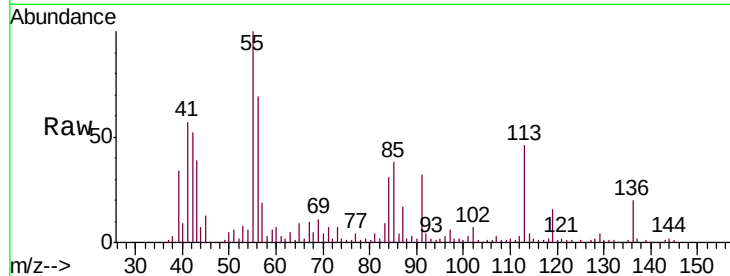




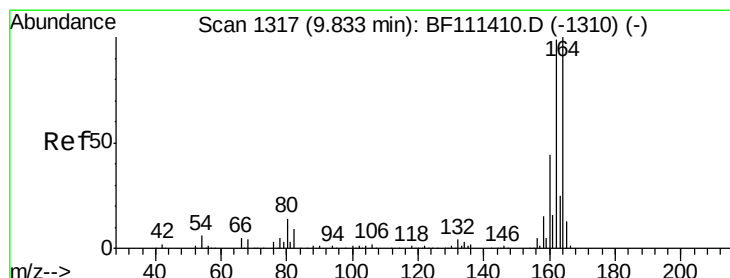
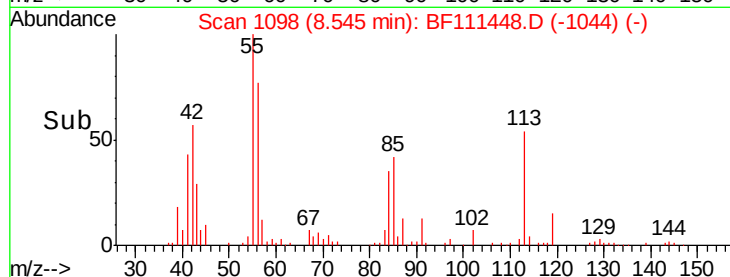
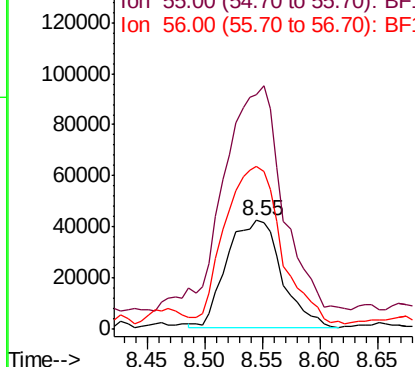
#35
 Caprolactam
 Concen: 53.633 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.02 min
 Lab File: BF111448.D
 Acq: 15 Dec 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW001-01DL

Tgt Ion:113 Resp: 139632
 Ion Ratio Lower Upper
 113 100
 55 215.2 184.1 224.1
 56 149.5 126.0 166.0

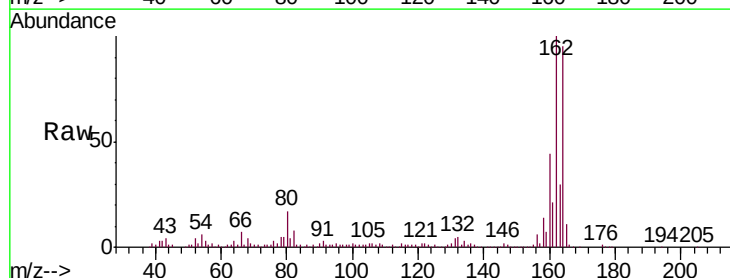


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

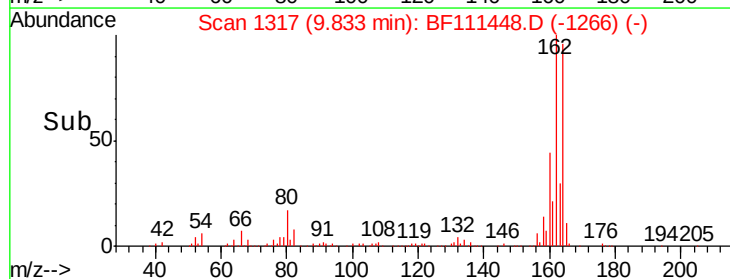
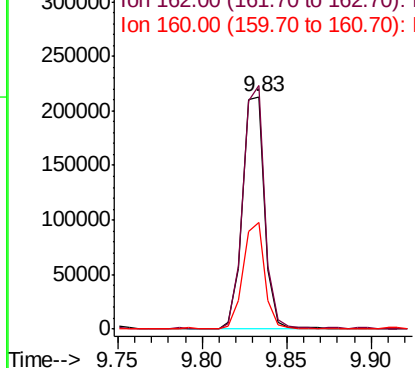


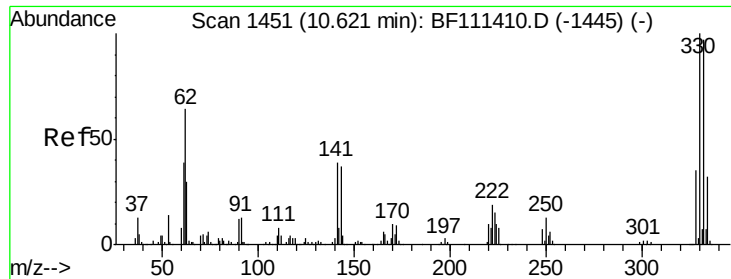
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF111448.D
 Acq: 15 Dec 2018 5:16

Tgt Ion:164 Resp: 192999
 Ion Ratio Lower Upper
 164 100
 162 104.8 81.4 122.0
 160 46.2 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: 10.353 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

Instrument :

BNA_F

ClientSampleId :

P001-SW001-01DL

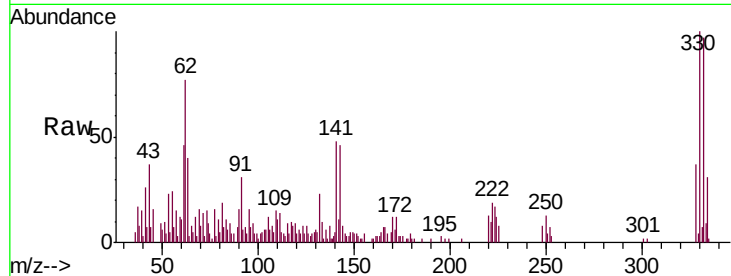
Tgt Ion:330 Resp: 17899

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

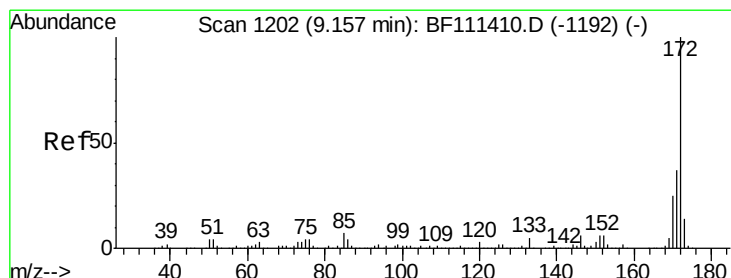
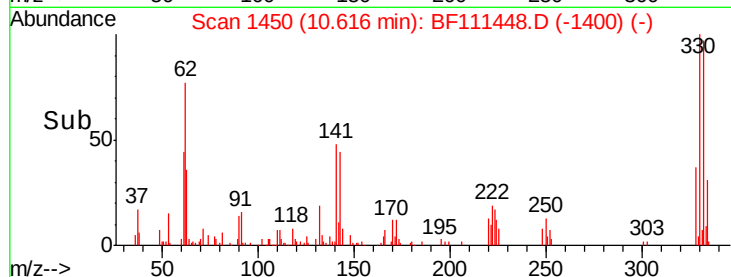
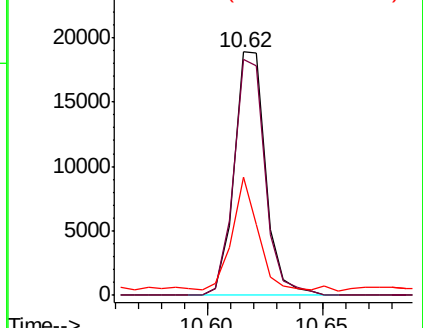
141 40.1 31.0 46.6



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: 9.791 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

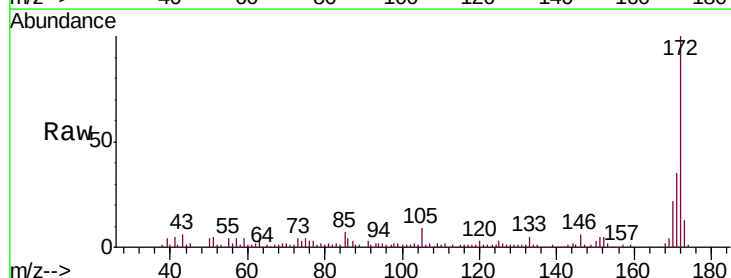
Tgt Ion:172 Resp: 122331

Ion Ratio Lower Upper

172 100

171 34.7 33.0 49.4

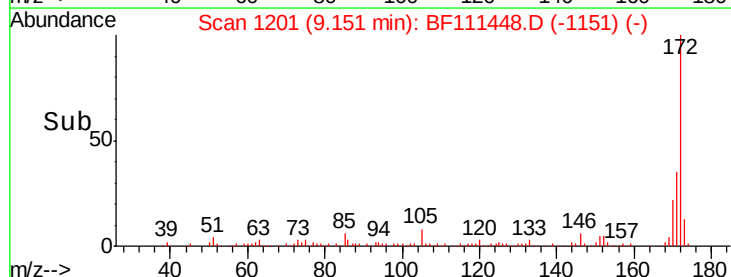
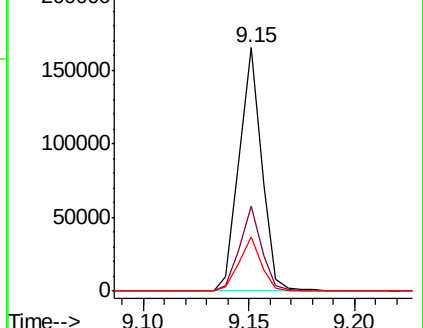
170 22.2 22.3 33.5#

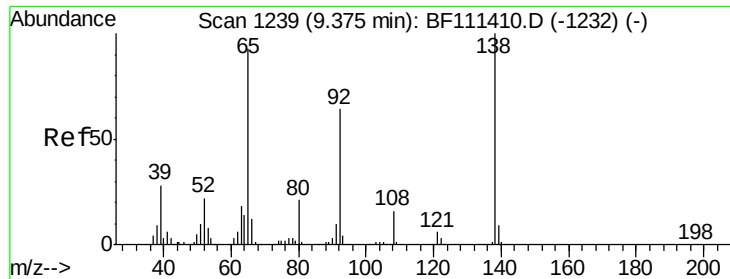


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

2-Nitroaniline

Concen: 10.443 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.05 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

Instrument :

BNA_F

ClientSampleId :

P001-SW001-01DL

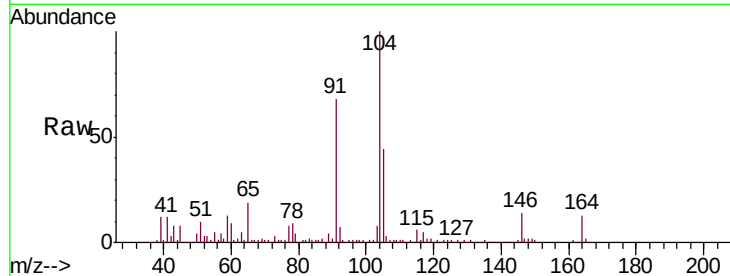
Tgt Ion: 65 Resp: 42146

Ion Ratio Lower Upper

65 100

92 36.8 53.5 80.3#

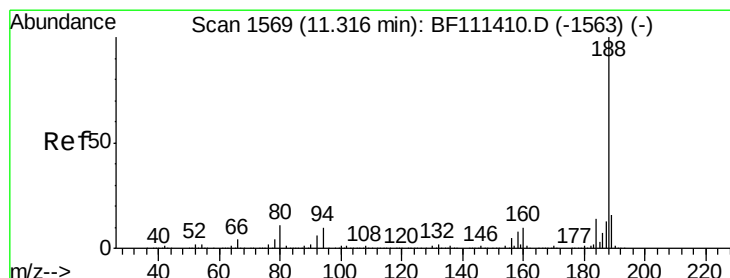
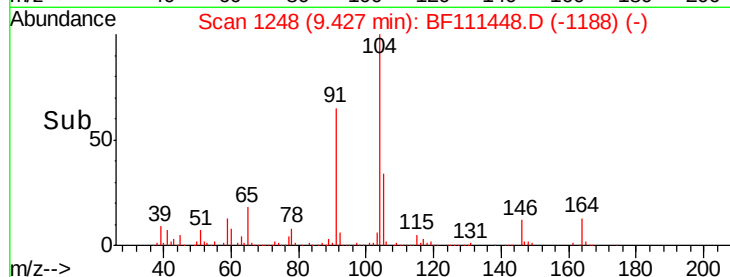
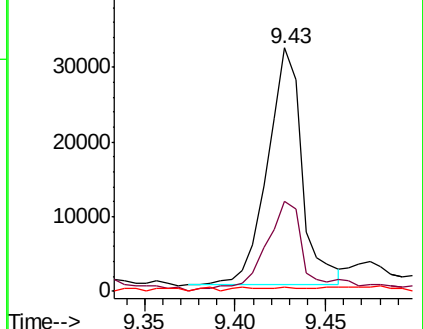
138 2.0 80.9 121.3#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

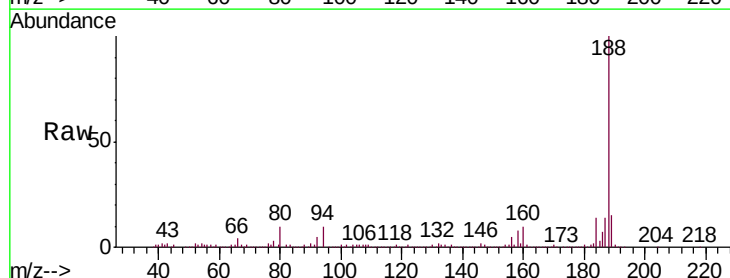
Tgt Ion: 188 Resp: 308992

Ion Ratio Lower Upper

188 100

94 9.7 9.6 14.4

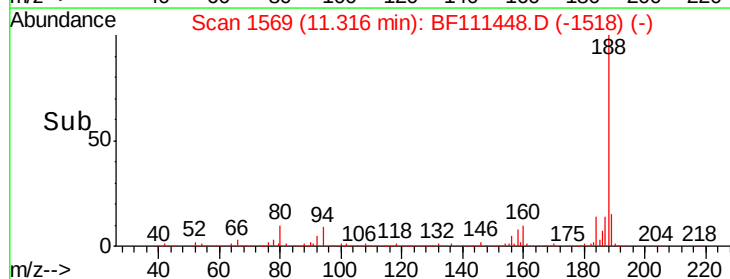
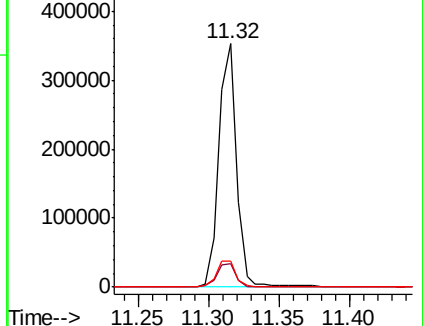
80 10.5 9.8 14.6

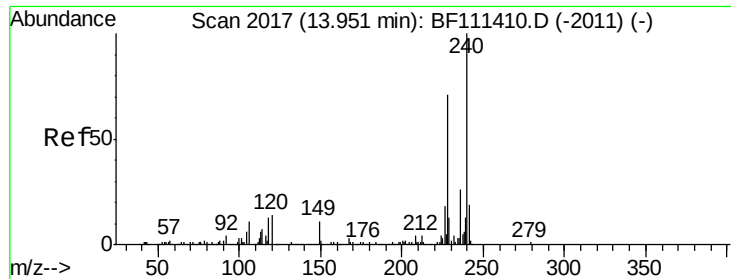


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

Instrument :

BNA_F

ClientSampleId :

P001-SW001-01DL

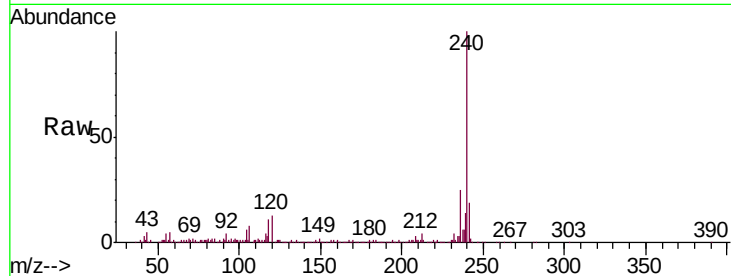
Tgt Ion:240 Resp: 276410

Ion Ratio Lower Upper

240 100

120 12.9 12.2 18.2

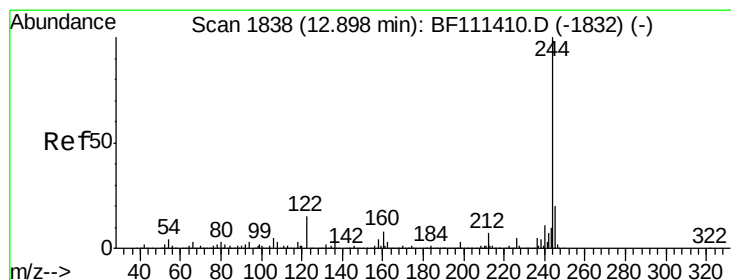
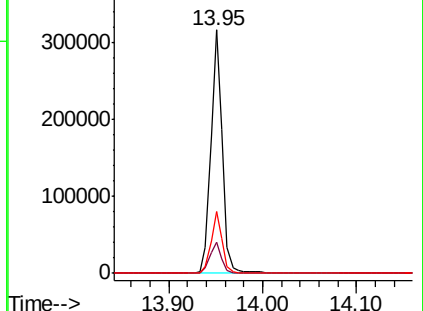
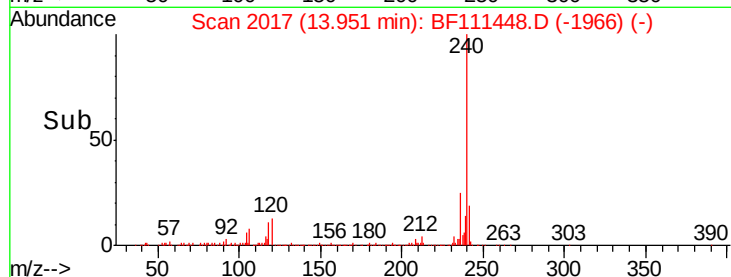
236 25.3 20.2 30.2



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: 7.613 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

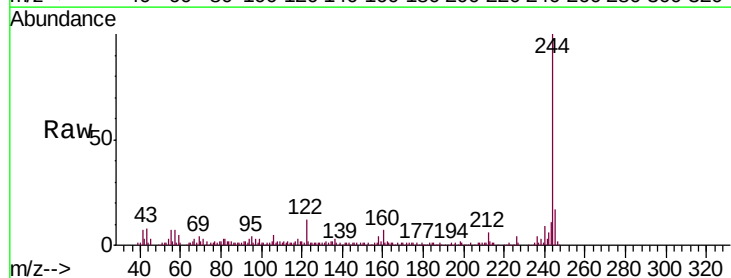
Tgt Ion:244 Resp: 89612

Ion Ratio Lower Upper

244 100

212 6.2 5.7 8.5

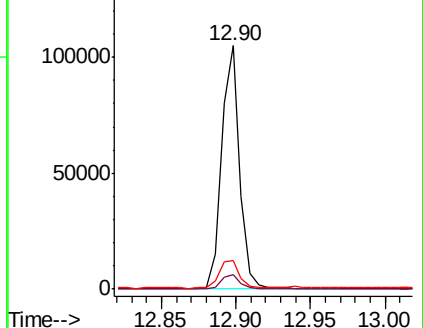
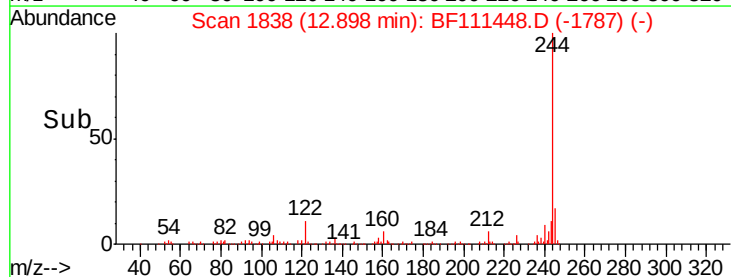
122 11.6 13.1 19.7#

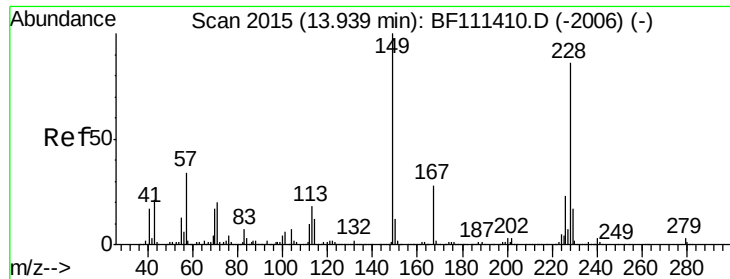


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.361 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF111448.D

Acq: 15 Dec 2018 5:16

Instrument :

BNA_F

ClientSampleId :

P001-SW001-01DL

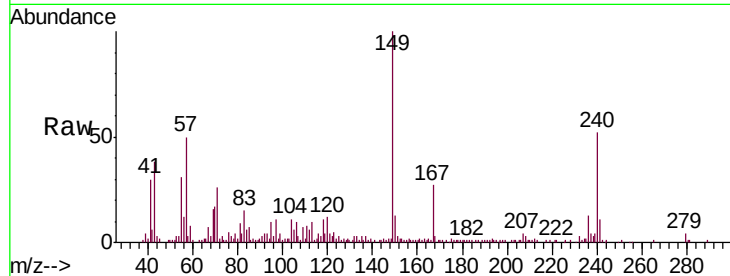
Tgt Ion:149 Resp: 52907

Ion Ratio Lower Upper

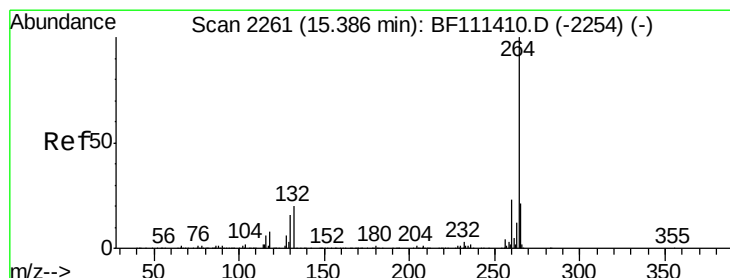
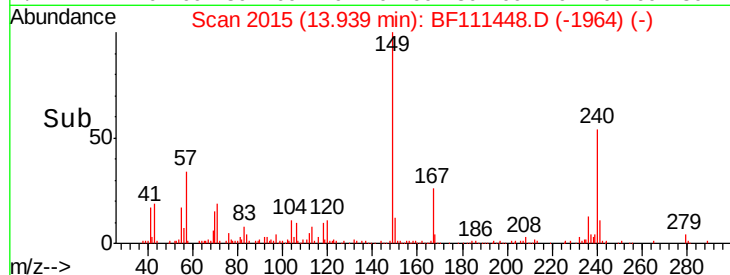
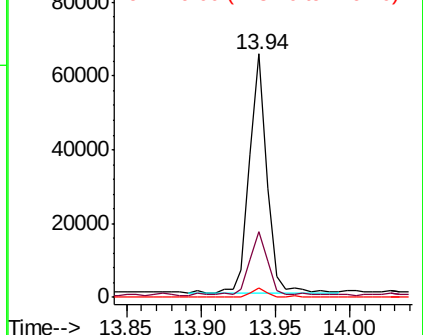
149 100

167 27.1 22.5 33.7

279 3.9 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: BF111448.D

Acq: 15 Dec 2018 5:16

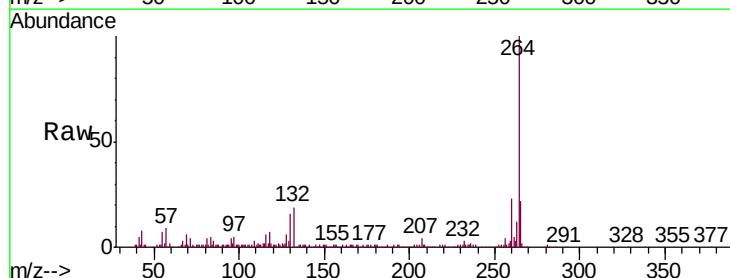
Tgt Ion:264 Resp: 183165

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 21.8 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

