

Data File : BF111449.D
Acq On : 15 Dec 2018 5:44
Operator : JU/SJ
Sample : J6305-03DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01DL

Quant Time: Dec 15 23:33:19 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	148240	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	549423	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	215576	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	342882	20.00	ng	0.00
76) Chrysene-d12	13.95	240	287147	20.00	ng	0.00
87) Perylene-d12	15.39	264	190503	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	66256	7.44	ng	0.00
7) Phenol-d6	6.43	99	49715	4.20	ng	0.00
23) Nitrobenzene-d5	7.35	82	99118	10.74	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	26596	13.77	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	182595	13.08	ng	0.00
79) Terphenyl-d14	12.90	244	132379	10.83	ng	0.00

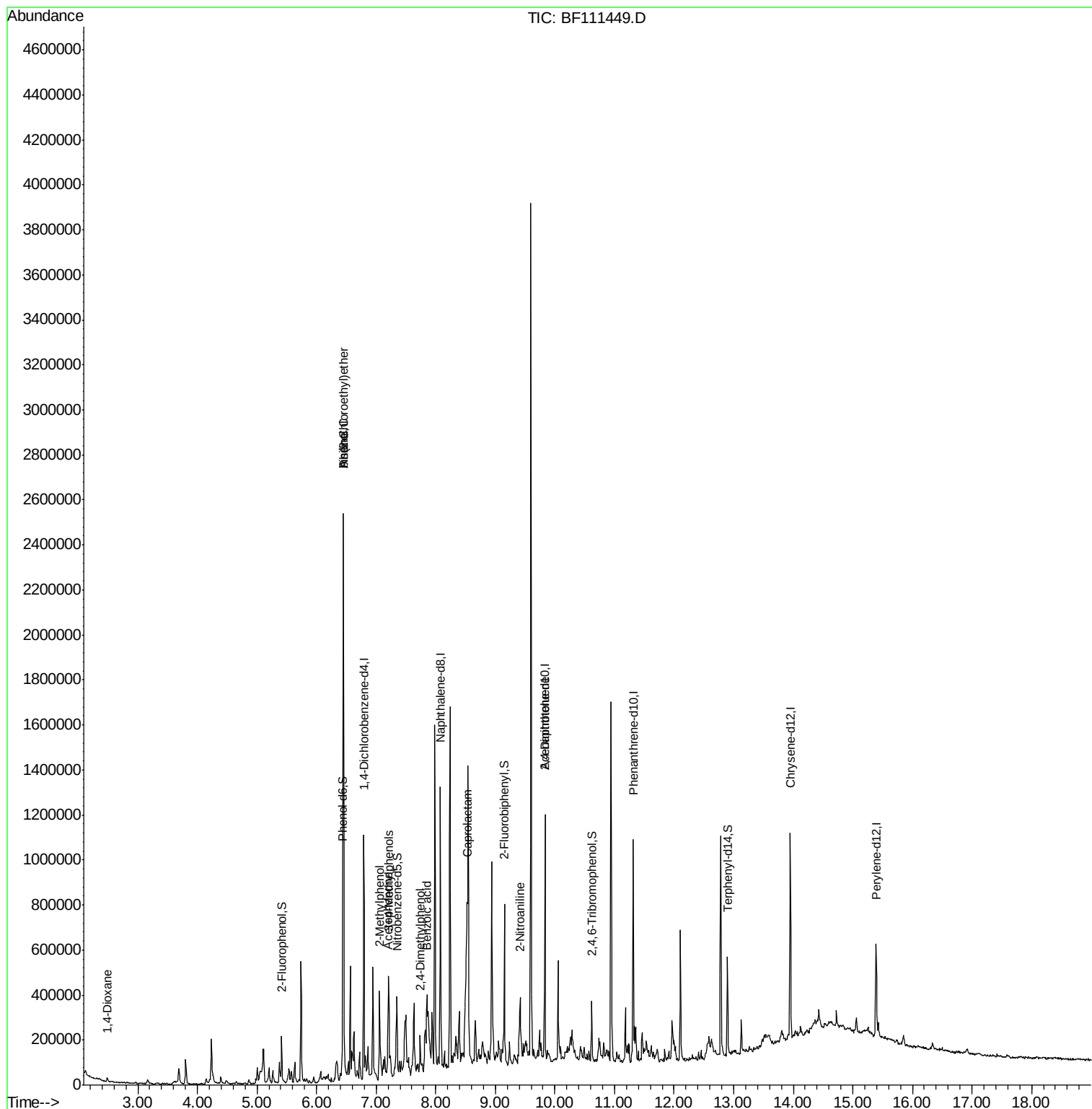
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	9137	2.124	ng	# 86
6) Aniline	6.45	93	97136	6.608	ng	# 1
10) Phenol	6.45	94	762932	57.797	ng	98
11) bis(2-Chloroethyl)ether	6.45	93	97136	9.387	ng	75
17) 2-Methylphenol	7.06	107	67981	7.936	ng	98
20) 3+4-Methylphenols	7.21	107	107291	9.985	ng	# 60
22) Acetophenone	7.20	105	45143	3.681	ng	# 90
27) 2,4-Dimethylphenol	7.73	122	24308	3.435	ng	95
32) Benzoic acid	7.85	122	83325	13.627	ng	# 65
35) Caprolactam	8.53	113	114128	40.694	ng	98
48) 2-Nitroaniline	9.42	65	15267	3.387	ng	# 31
57) 2,4-Dinitrotoluene	9.83	165	27413	5.977	ng	# 28

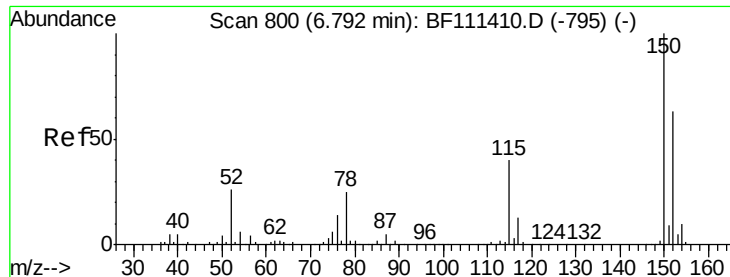
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF111449.D
Acq On : 15 Dec 2018 5:44
Operator : JU/SJ
Sample : J6305-03DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01DL

Quant Time: Dec 15 23:33:19 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



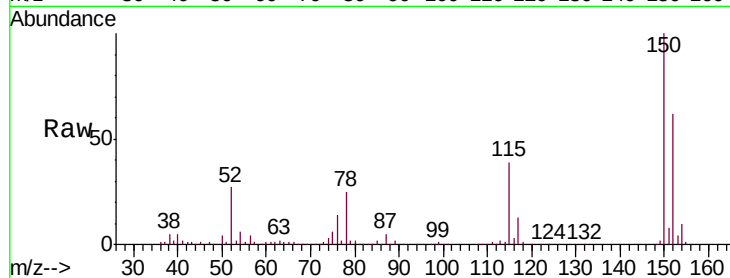


#1

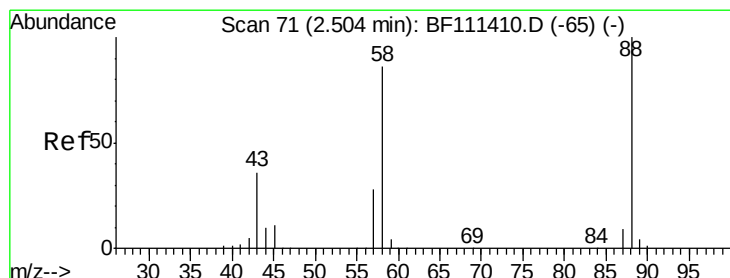
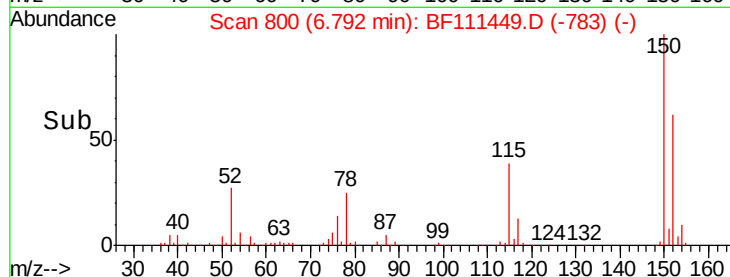
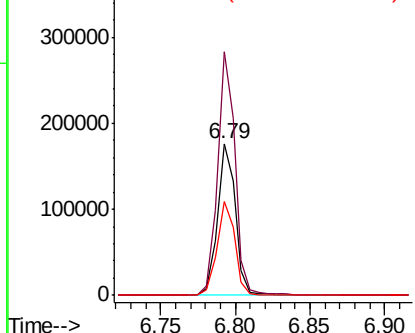
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01DL

Tgt Ion: 152 Resp: 148240
Ion Ratio Lower Upper
152 100
150 160.2 126.6 189.8
115 62.0 50.7 76.1



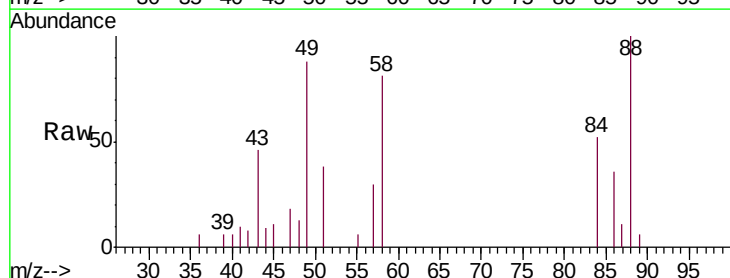
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



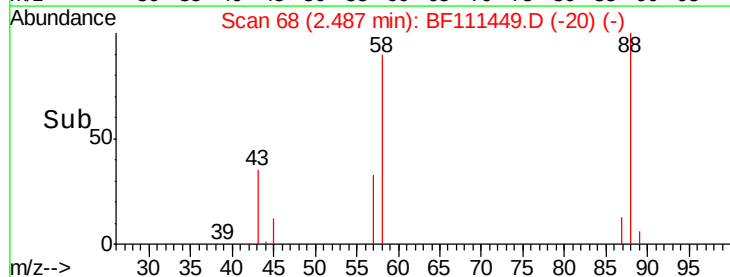
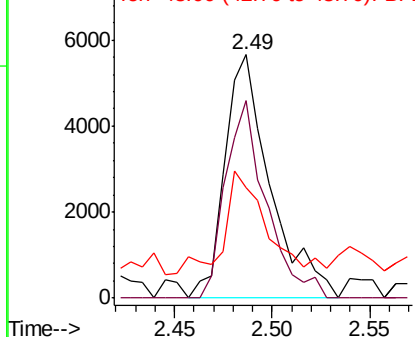
#2

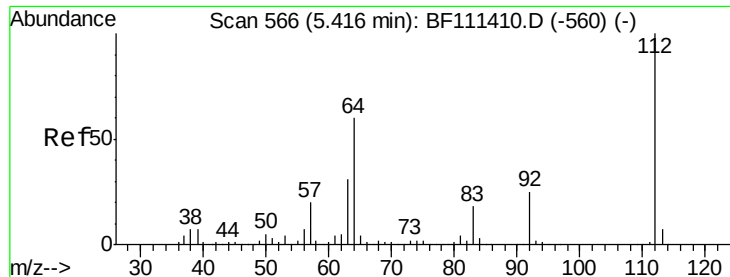
1,4-Dioxane
Concen: 2.124 ng
RT: 2.49 min Scan# 68
Delta R.T. -0.02 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Tgt Ion: 88 Resp: 9137
Ion Ratio Lower Upper
88 100
58 72.2 68.9 103.3
43 38.6 25.8 38.6#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 7.438 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111449.D

Acq: 15 Dec 2018 5:44

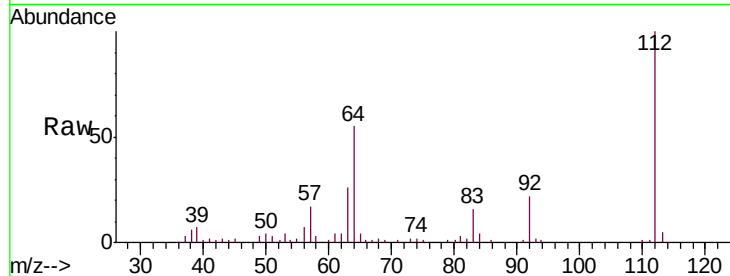
Instrument :

BNA_F

ClientSampleId :

P001-SW003-01DL

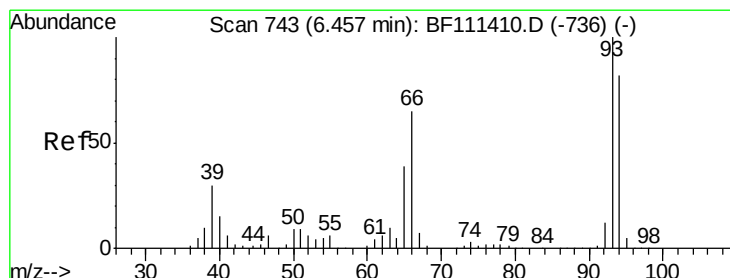
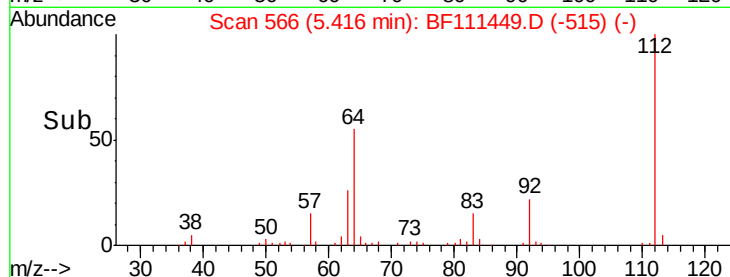
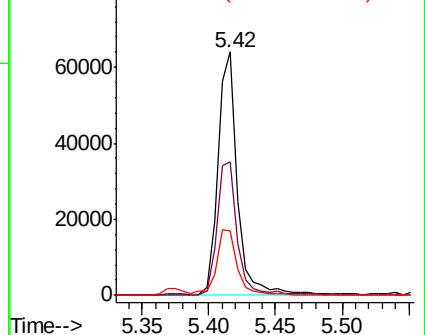
Tgt Ion:	112	Resp:	66256
Ion	Ratio	Lower	Upper
112	100		
64	54.9	51.8	77.6
63	26.2	26.8	40.2#



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



#6

Aniline

Concen: 6.608 ng

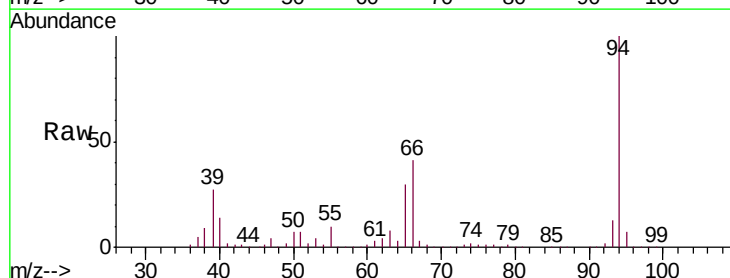
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111449.D

Acq: 15 Dec 2018 5:44

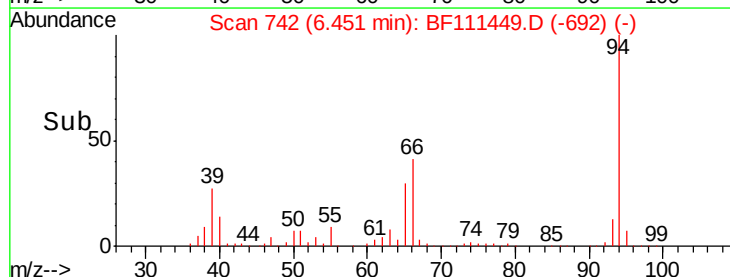
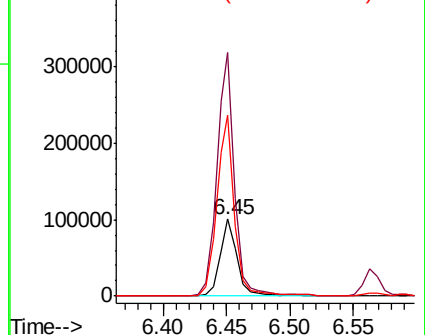
Tgt Ion:	93	Resp:	97136
Ion	Ratio	Lower	Upper
93	100		
66	316.4	33.2	49.8#
65	234.4	17.0	25.4#

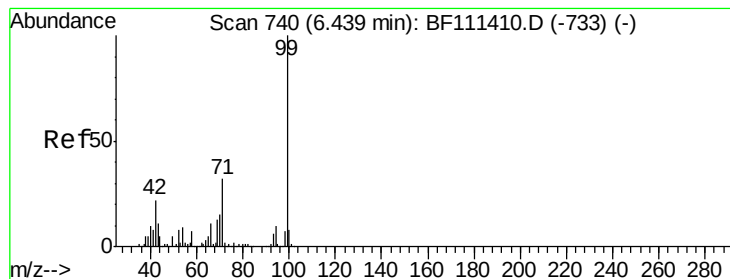


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 4.195 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111449.D

Acq: 15 Dec 2018 5:44

Instrument :

BNA_F

ClientSampleId :

P001-SW003-01DL

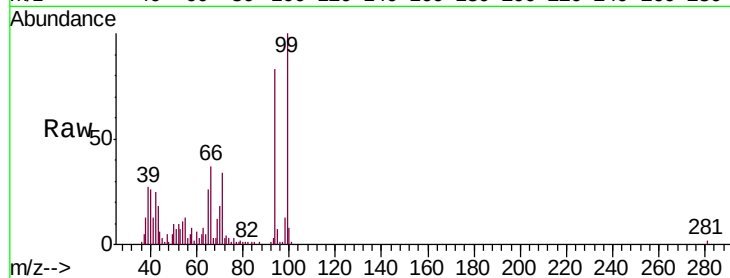
Tgt Ion: 99 Resp: 49715

Ion Ratio Lower Upper

99 100

42 25.0 17.4 26.0

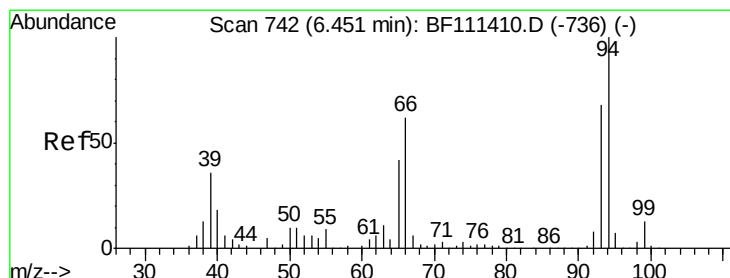
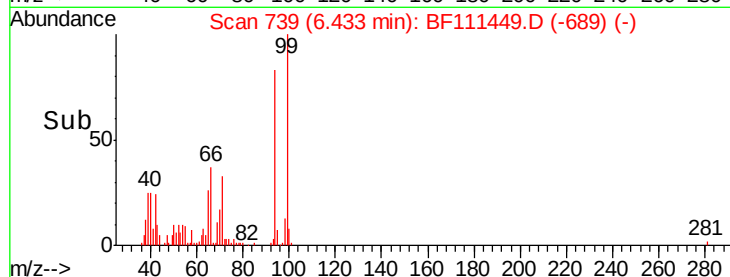
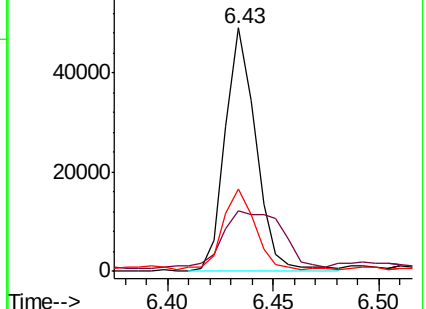
71 33.6 26.1 39.1



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: 57.797 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111449.D

Acq: 15 Dec 2018 5:44

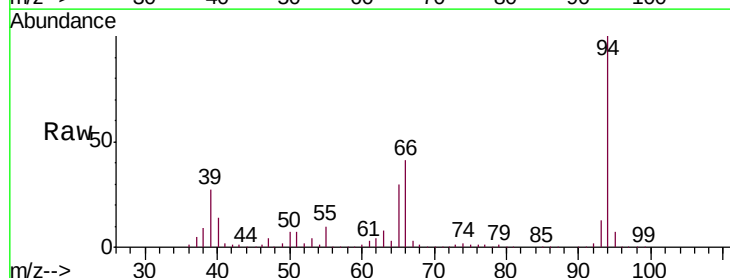
Tgt Ion: 94 Resp: 762932

Ion Ratio Lower Upper

94 100

65 30.1 11.7 51.7

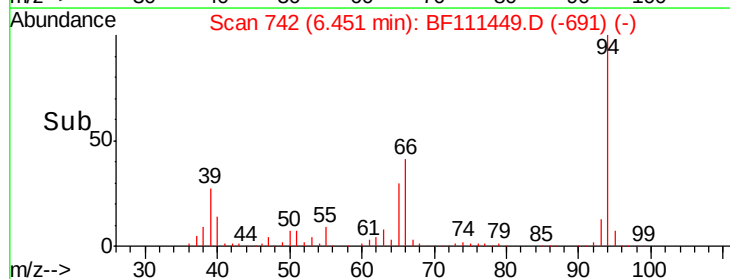
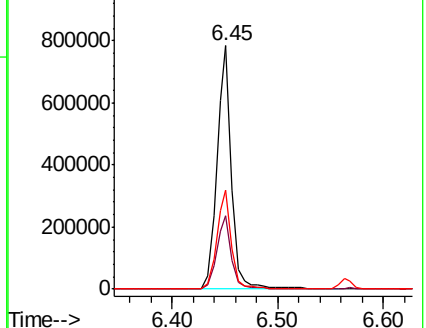
66 40.6 21.0 61.0

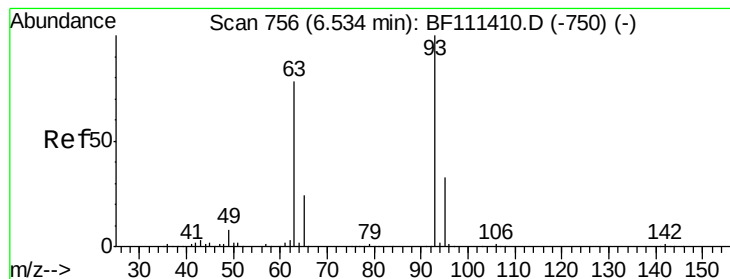


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

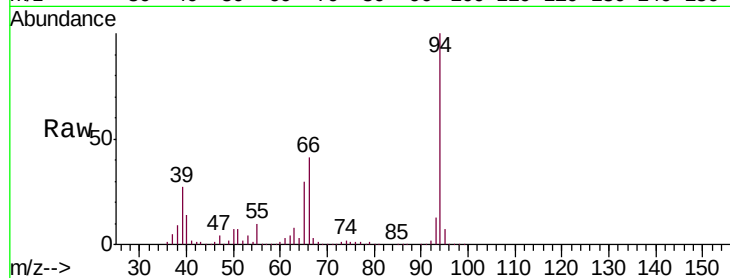




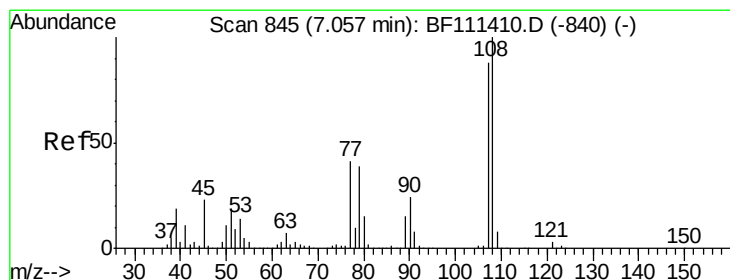
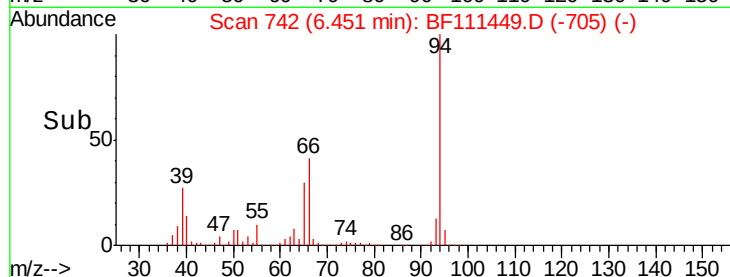
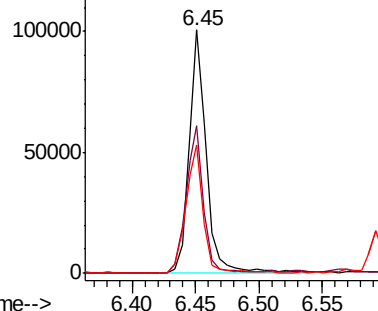
#11
bis(2-Chloroethyl)ether
Concen: 9.387 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.08 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01DL

Tgt Ion:	93	Resp:	97136
Ion	Ratio	Lower	Upper
93	100		
63	60.8	60.0	100.0
95	52.5	13.4	53.4

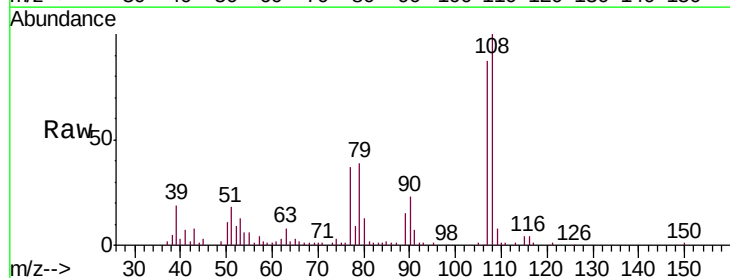


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

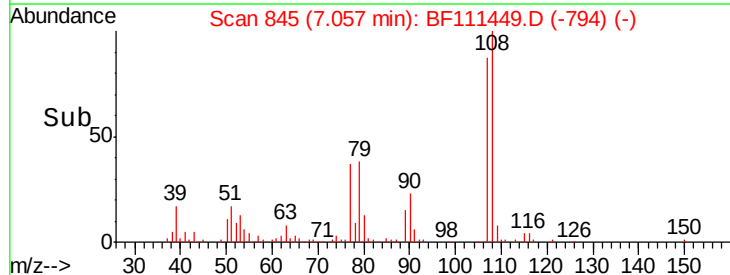
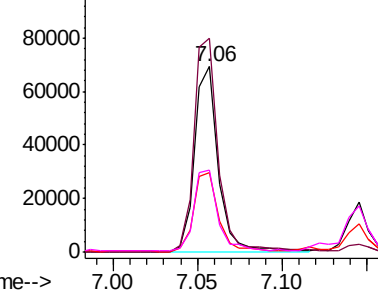


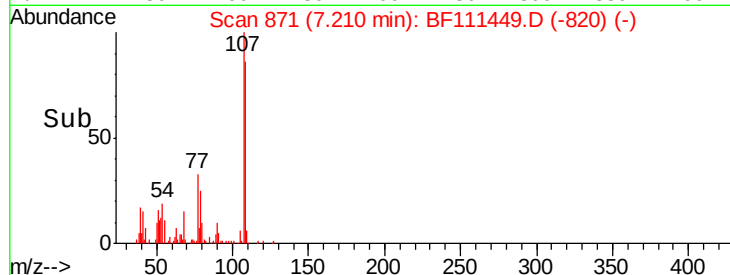
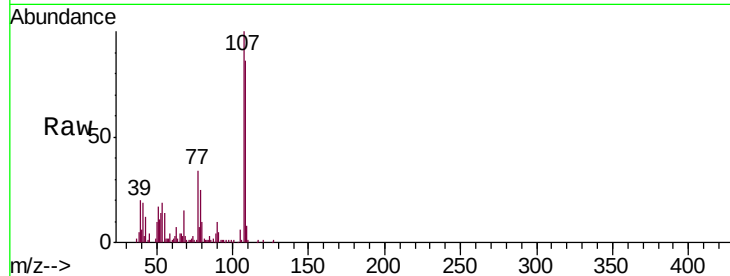
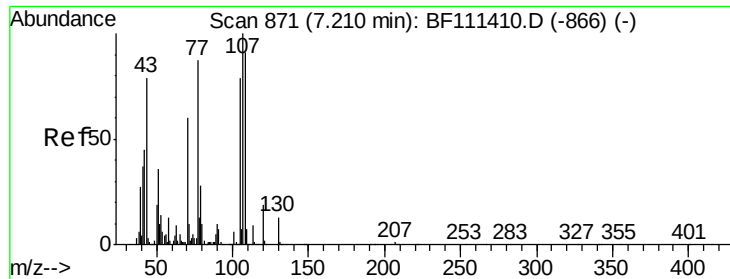
#17
2-Methylphenol
Concen: 7.936 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Tgt Ion:	107	Resp:	67981
Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.0	136.4
77	43.2	33.5	50.3
79	44.5	33.3	49.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

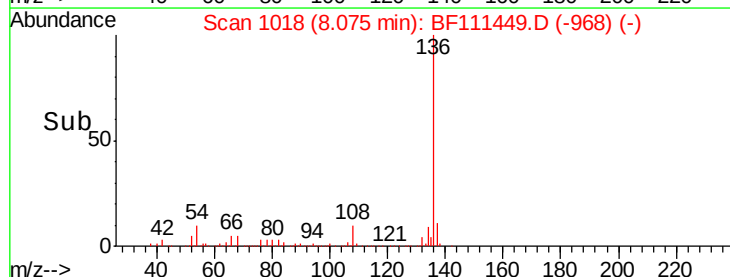
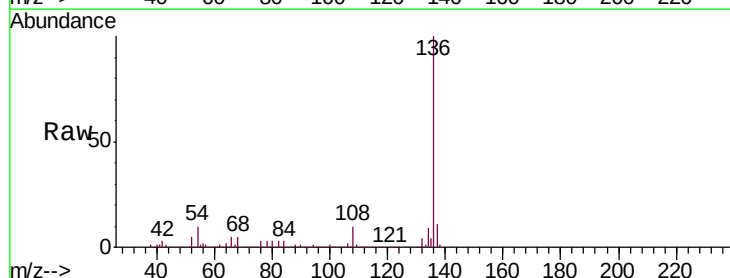
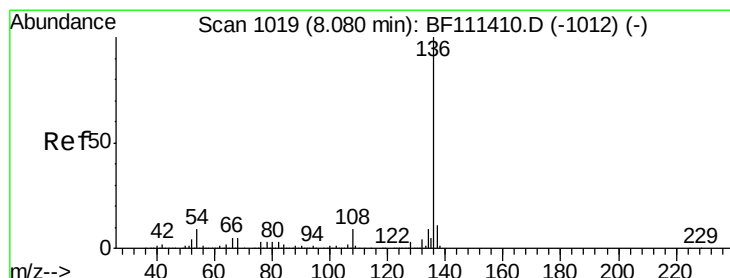
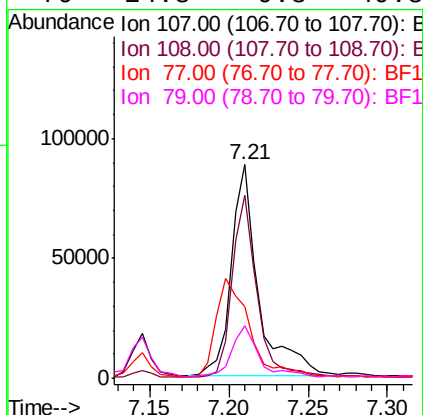




#20
3+4-Methylphenols
Concen: 9.985 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

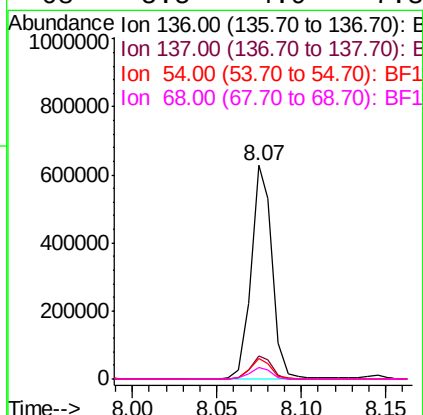
Instrument :
BNA_F
ClientSampleId :
P001-SW003-01DL

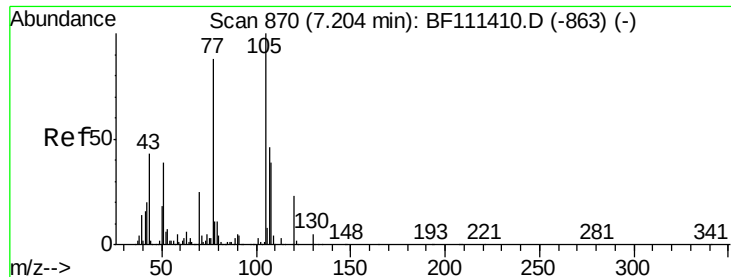
Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	72.1	112.1
77	33.6	94.1	134.1#
79	24.8	9.8	49.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.8	7.7	11.5
68	5.5	4.9	7.3

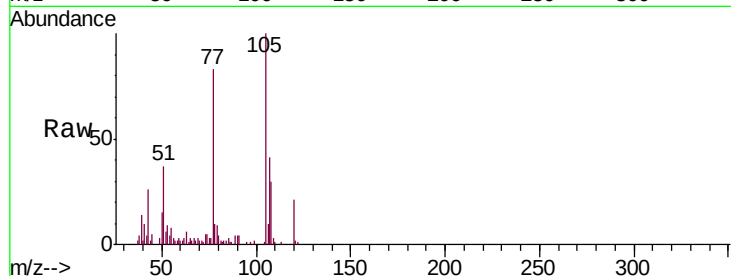




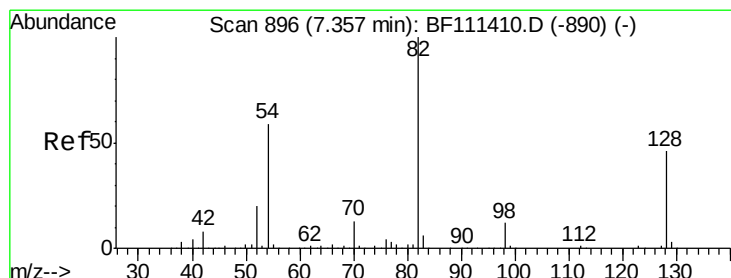
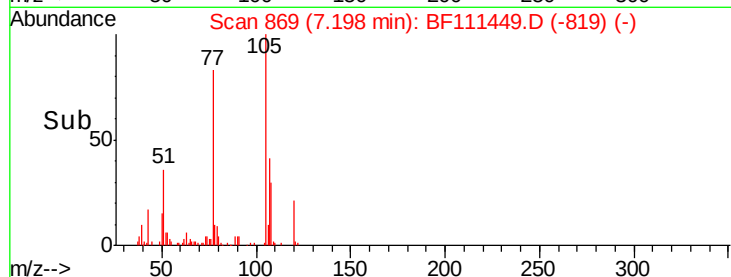
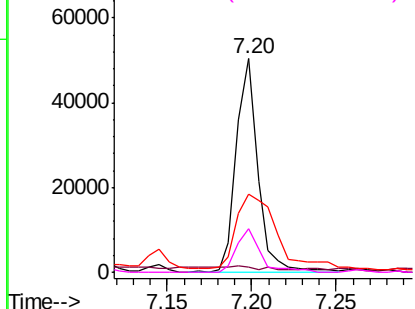
#22
Acetophenone
Concen: 3.681 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01DL

Tgt Ion: 105 Resp: 45143
Ion Ratio Lower Upper
105 100
71 2.3 3.1 4.7#
51 36.7 36.6 54.8
120 20.5 18.2 27.4

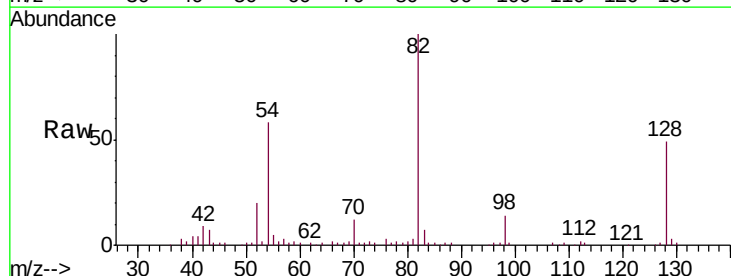


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

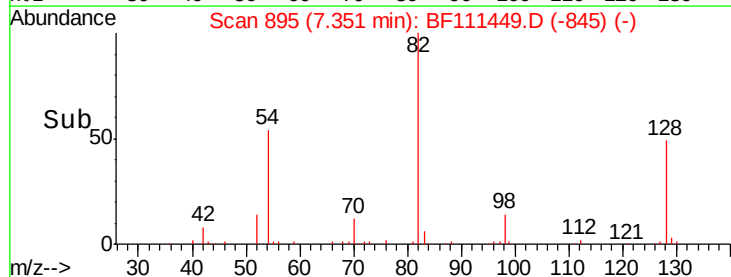
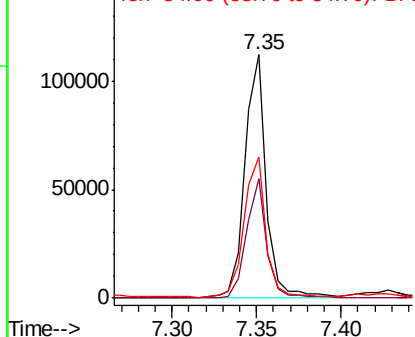


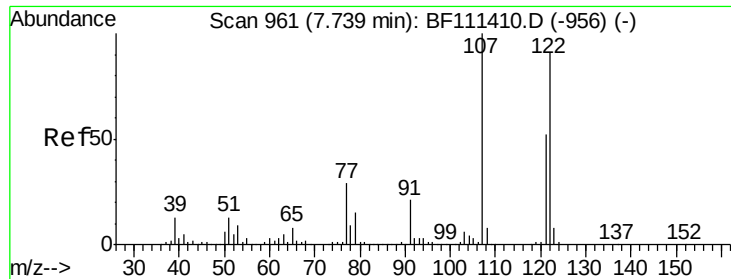
#23
Nitrobenzene-d5
Concen: 10.743 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Tgt Ion: 82 Resp: 99118
Ion Ratio Lower Upper
82 100
128 49.0 37.4 56.2
54 58.2 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

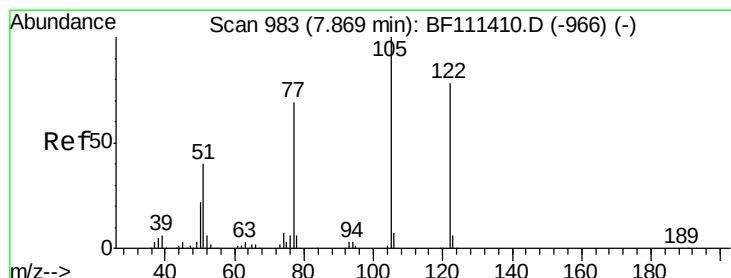
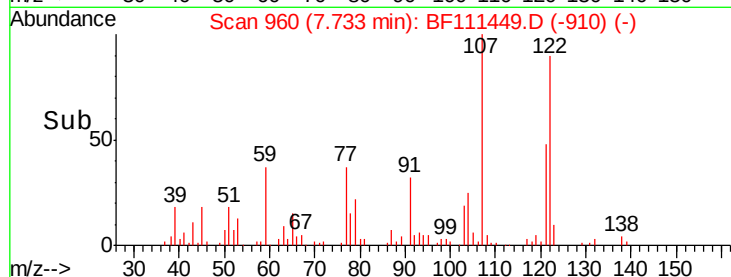
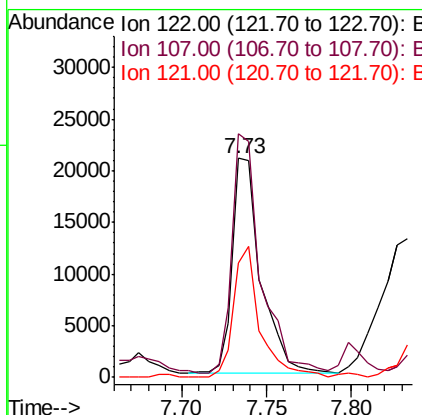
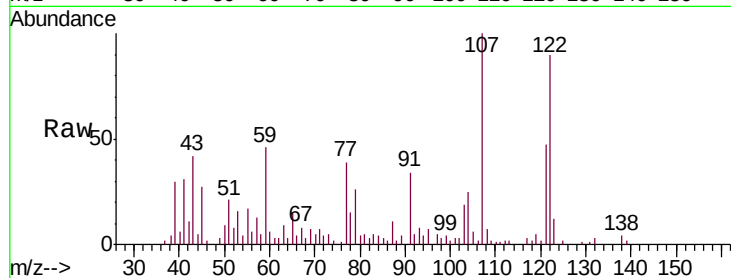




#27
2,4-Dimethylphenol
Concen: 3.435 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

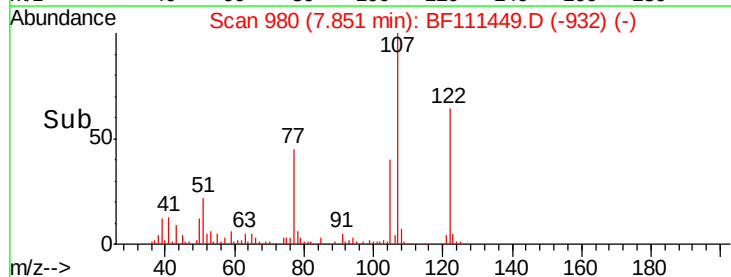
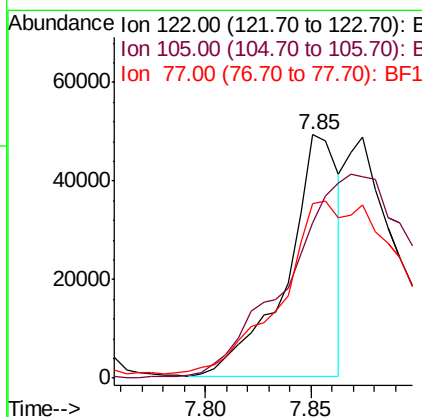
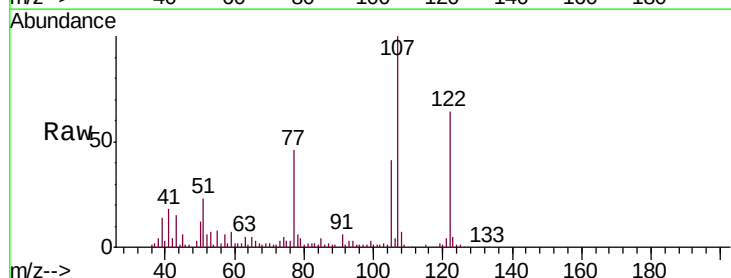
Instrument :
BNA_F
ClientSampleId :
P001-SW003-01DL

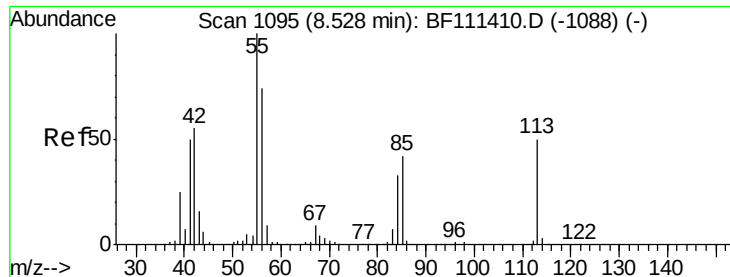
Tgt Ion:122 Resp: 24308
Ion Ratio Lower Upper
122 100
107 111.1 85.5 128.3
121 52.3 46.6 70.0



#32
Benzoic acid
Concen: 13.627 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Tgt Ion:122 Resp: 83325
Ion Ratio Lower Upper
122 100
105 63.6 97.0 137.0#
77 71.8 65.7 105.7

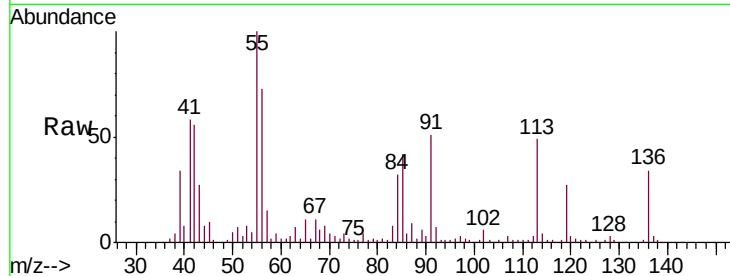




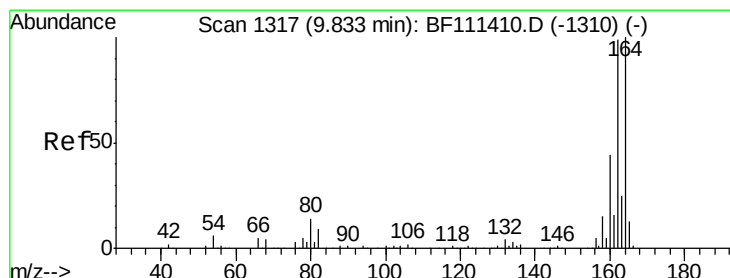
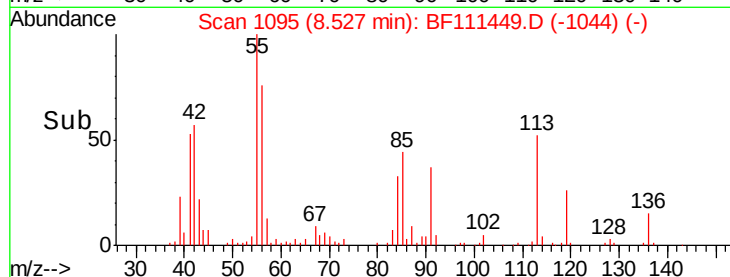
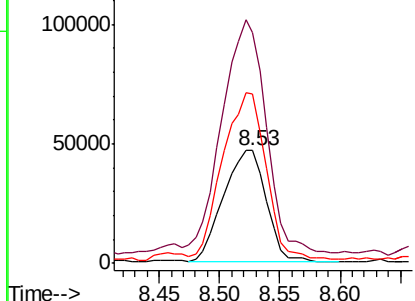
#35
 Caprolactam
 Concen: 40.694 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF111449.D
 Acq: 15 Dec 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW003-01DL

Tgt Ion:113 Resp: 114128
 Ion Ratio Lower Upper
 113 100
 55 204.8 184.1 224.1
 56 150.3 126.0 166.0

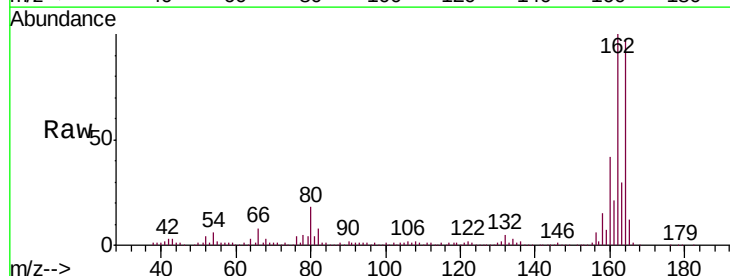


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

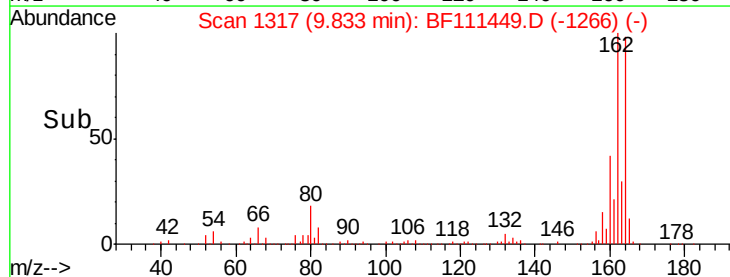
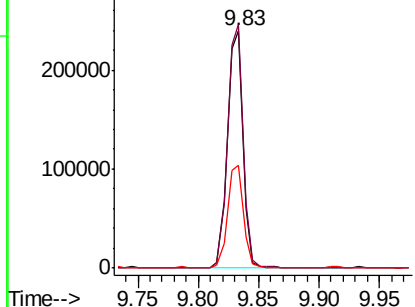


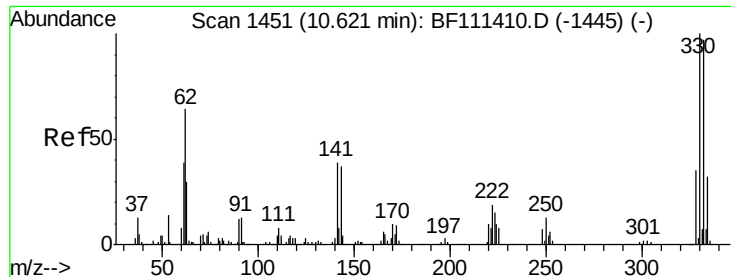
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF111449.D
 Acq: 15 Dec 2018 5:44

Tgt Ion:164 Resp: 215576
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.4 122.0
 160 43.2 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

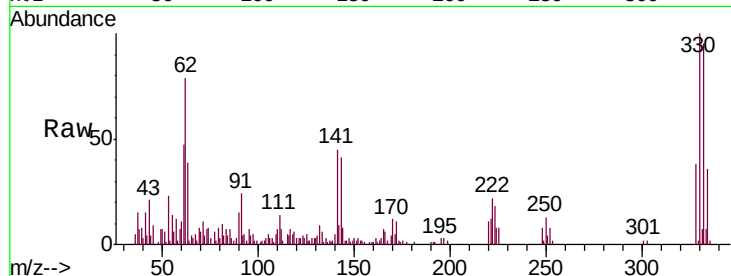




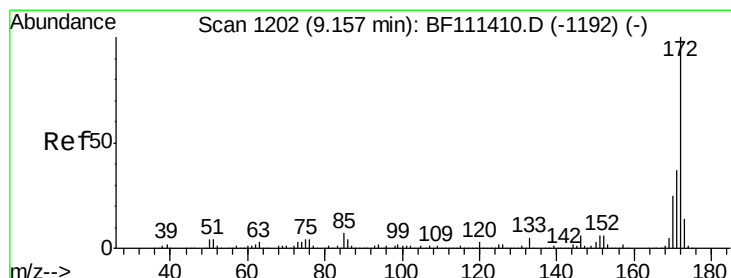
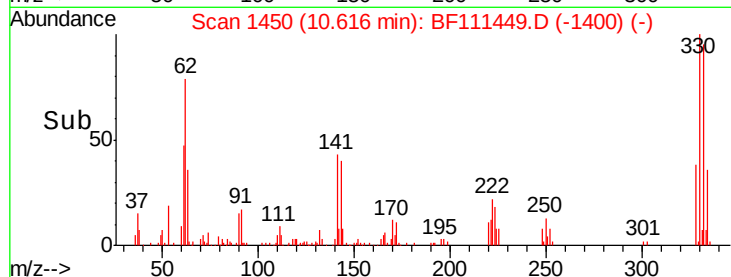
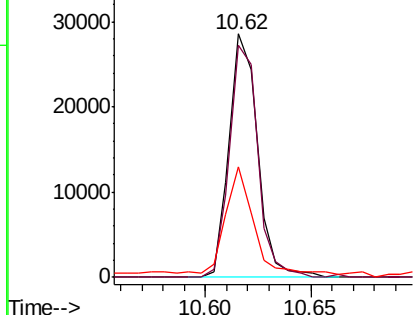
#42
 2,4,6-Tribromophenol
 Concen: 13.772 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111449.D
 Acq: 15 Dec 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW003-01DL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	50.6	31.0	46.6

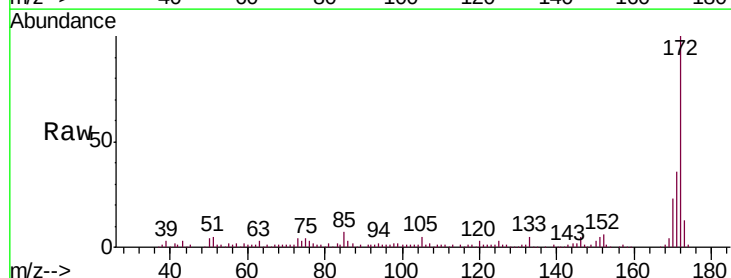


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

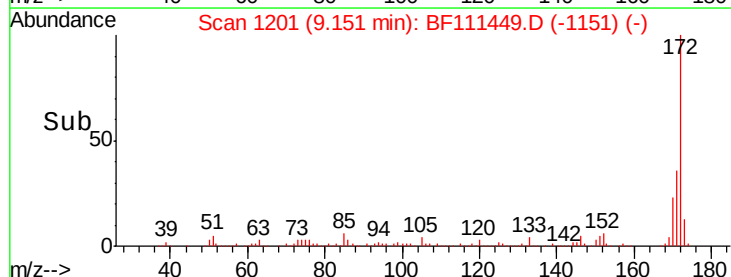
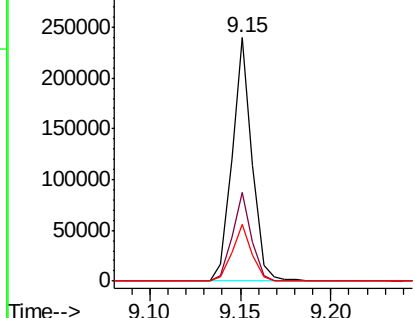


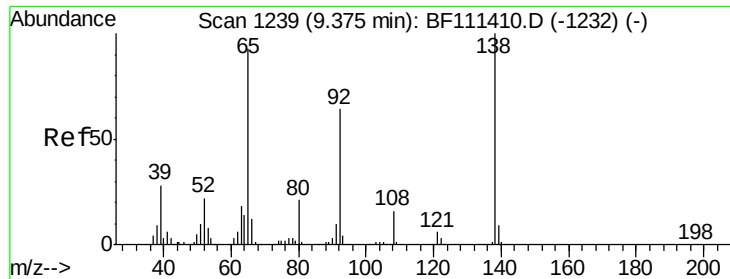
#45
 2-Fluorobiphenyl
 Concen: 13.083 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111449.D
 Acq: 15 Dec 2018 5:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	33.0	49.4
170	23.4	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

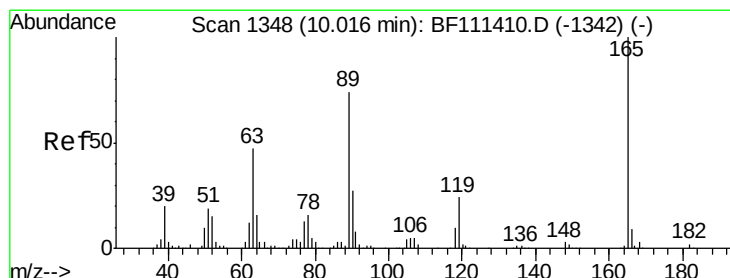
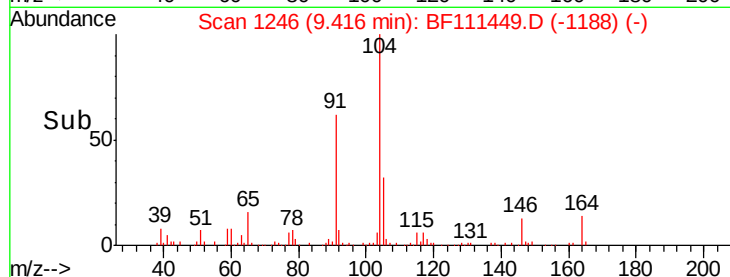
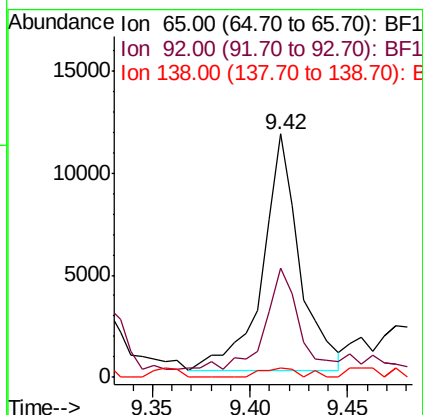
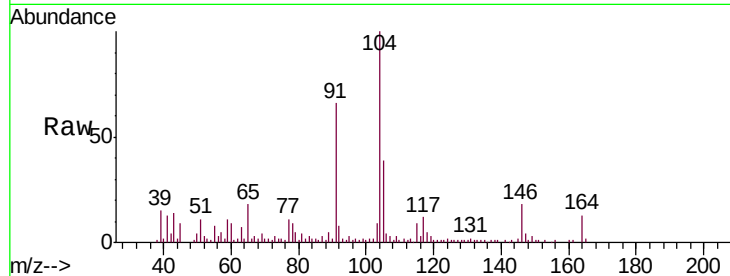




#48
2-Nitroaniline
Concen: 3.387 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.04 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

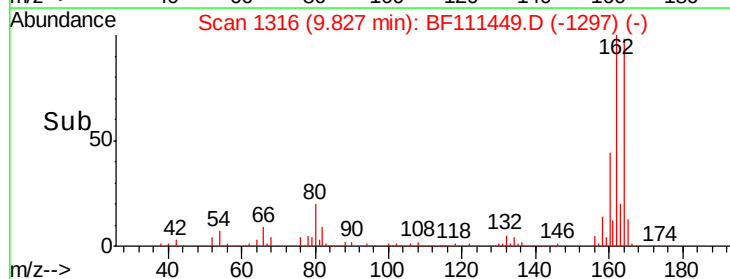
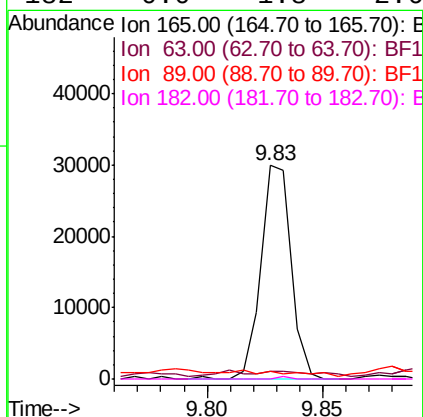
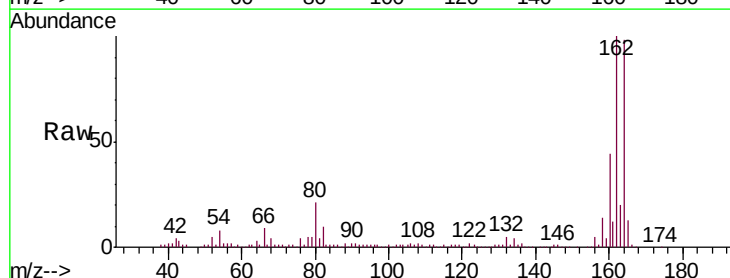
Instrument :
BNA_F
ClientSampleId :
P001-SW003-01DL

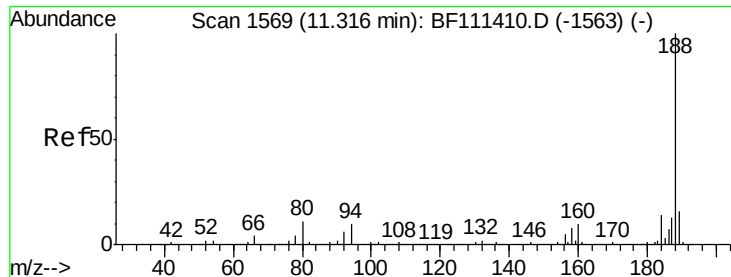
Tgt Ion: 65 Resp: 15267
Ion Ratio Lower Upper
65 100
92 45.1 53.5 80.3#
138 3.8 80.9 121.3#



#57
2,4-Dinitrotoluene
Concen: 5.977 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Tgt Ion: 165 Resp: 27413
Ion Ratio Lower Upper
165 100
63 3.8 34.6 52.0#
89 3.6 56.2 84.4#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF111449.D

Acq: 15 Dec 2018 5:44

Instrument :

BNA_F

ClientSampleId :

P001-SW003-01DL

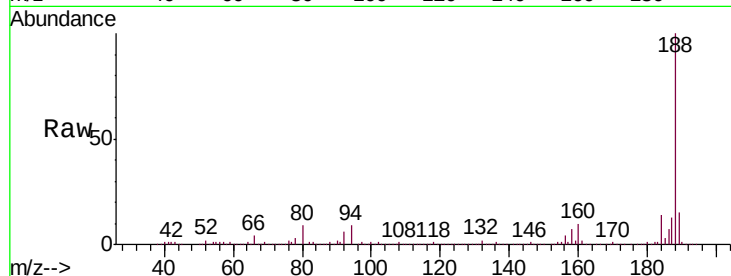
Tgt Ion:188 Resp: 342882

Ion Ratio Lower Upper

188 100

94 9.0 9.6 14.4#

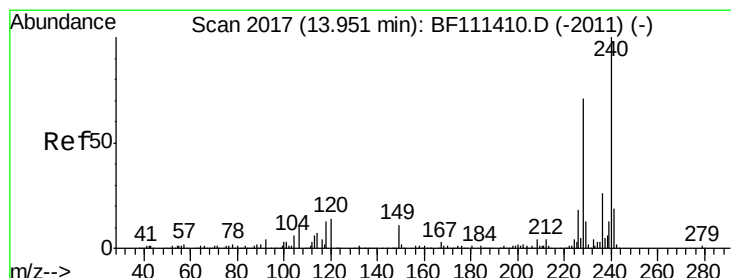
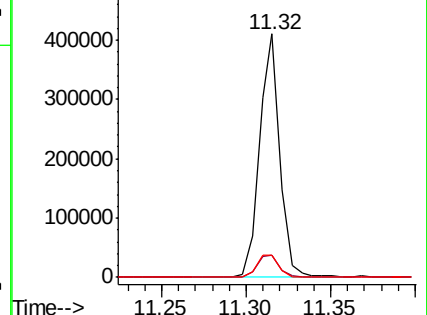
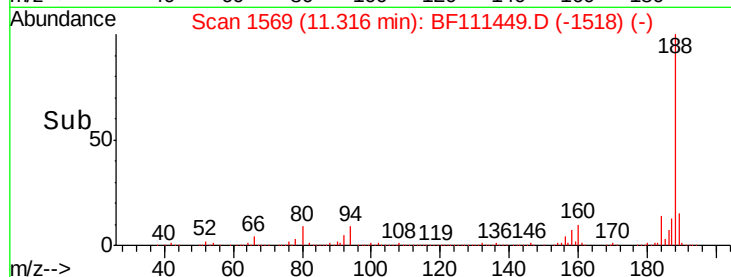
80 9.2 9.8 14.6#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF111449.D

Acq: 15 Dec 2018 5:44

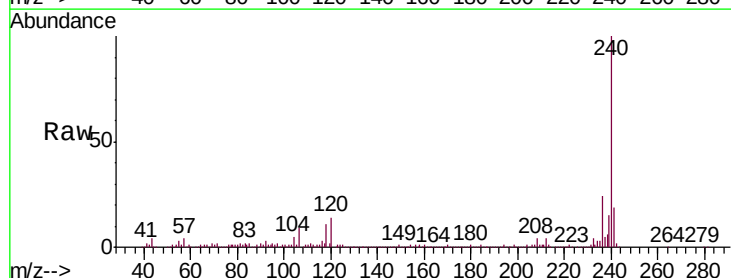
Tgt Ion:240 Resp: 287147

Ion Ratio Lower Upper

240 100

120 13.5 12.2 18.2

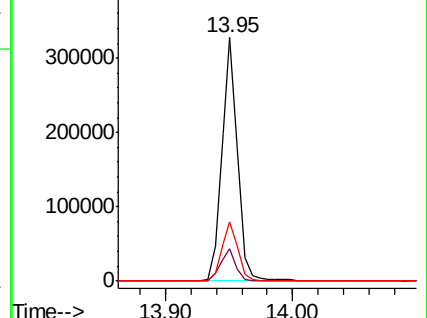
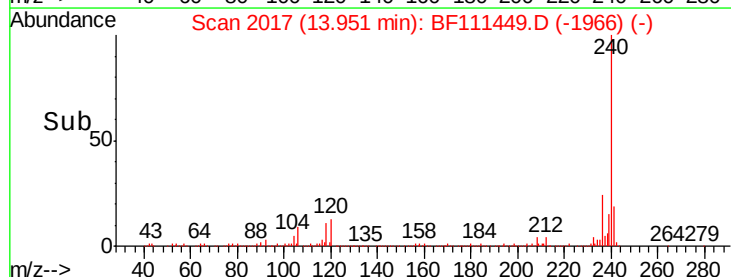
236 24.5 20.2 30.2

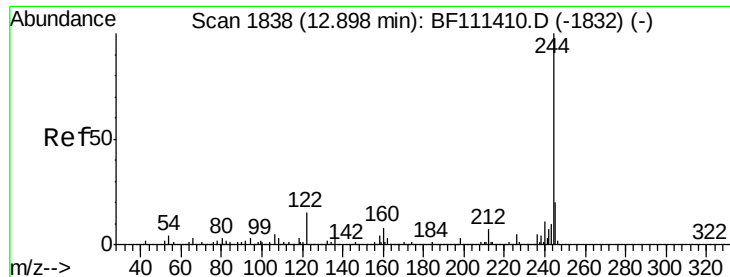


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

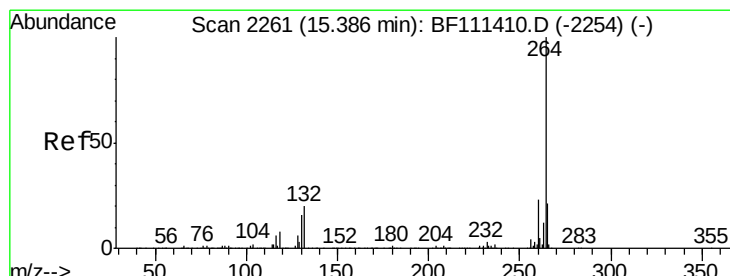
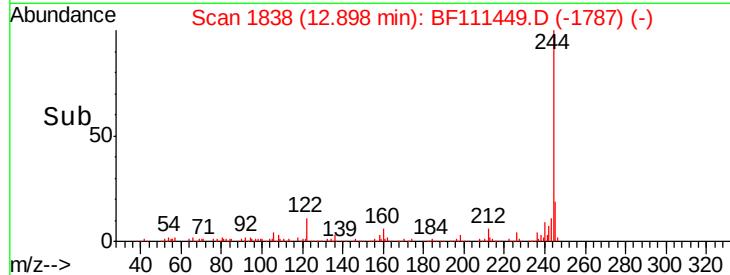
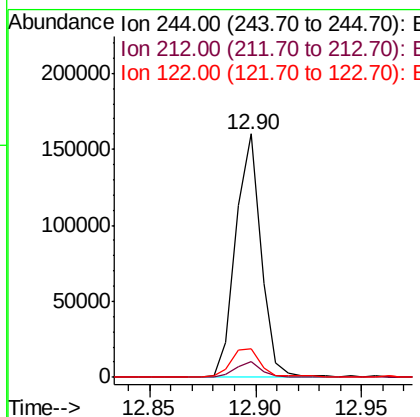
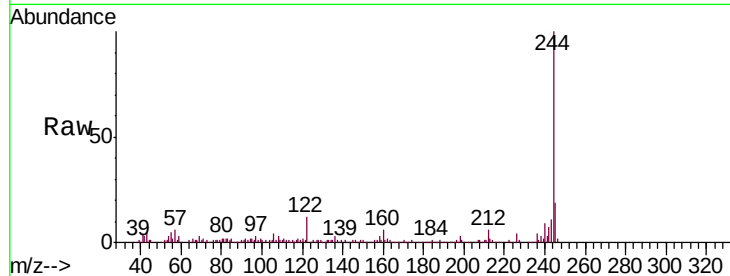




#79
 Terphenyl-d14
 Concen: 10.826 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF111449.D
 Acq: 15 Dec 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW003-01DL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	11.6	13.1	19.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111449.D
 Acq: 15 Dec 2018 5:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.1	17.7	26.5

