

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111733.D
 Acq On : 27 Dec 2018 00:13
 Operator : JU/SJ
 Sample : J6388-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 02:17:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

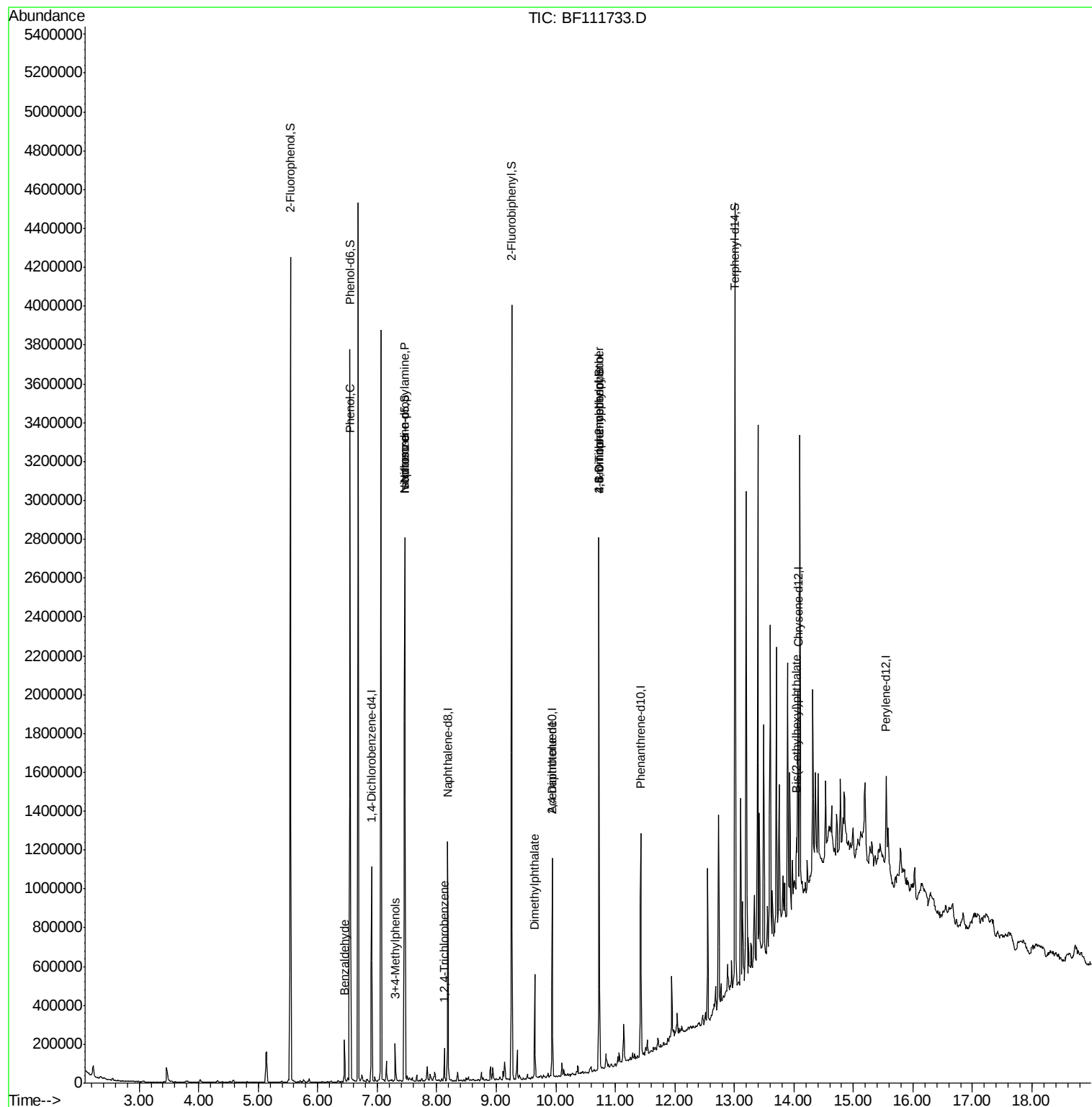
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	141302	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	477287	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	211372	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	376317	20.00	ng	0.01
76) Chrysene-d12	14.07	240	317303	20.00	ng	0.02
87) Perylene-d12	15.55	264	241663	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1082237	130.55	ng	0.03
7) Phenol-d6	6.55	99	1350781	128.04	ng	0.02
23) Nitrobenzene-d5	7.46	82	843956	102.92	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	333068	133.36	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1302008	89.78	ng	0.00
79) Terphenyl-d14	13.01	244	1217542	72.77	ng	0.01
Target Compounds						
9) Benzaldehyde	6.45	77	36194	4.988	ng	100
10) Phenol	6.56	94	110581	9.290	ng	99
19) n-Nitroso-di-n-propylamine	7.46	70	115243	16.448	ng	# 79
20) 3+4-Methylphenols	7.30	107	43820	4.716	ng	# 57
25) Isophorone	7.46	82	841313	57.795	ng	# 64
30) 1,2,4-Trichlorobenzene	8.13	180	25732	3.125	ng	92
50) Dimethylphthalate	9.65	163	206165	13.338	ng	97
57) 2,4-Dinitrotoluene	9.94	165	29381	7.932	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	808	7.140	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	20678	4.430	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.04	149	23215	2.018	ng	# 93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111733.D
Acq On : 27 Dec 2018 00:13
Operator : JU/SJ
Sample : J6388-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Dec 27 02:17:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



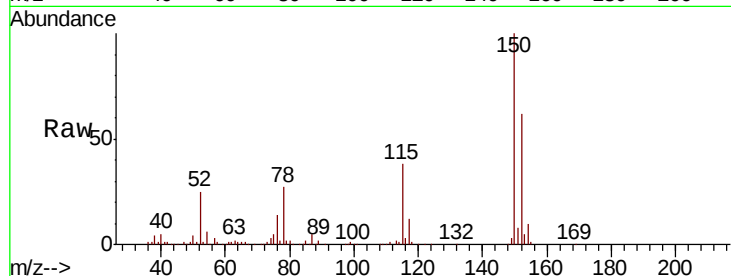


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.6	189.8
115	60.8	50.7	76.1

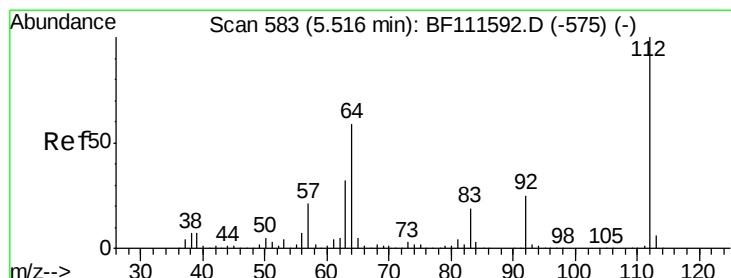
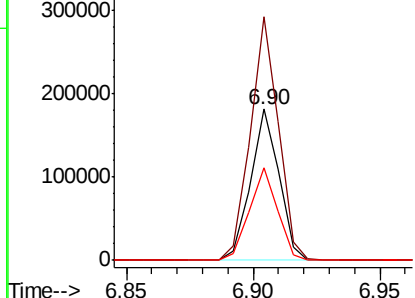
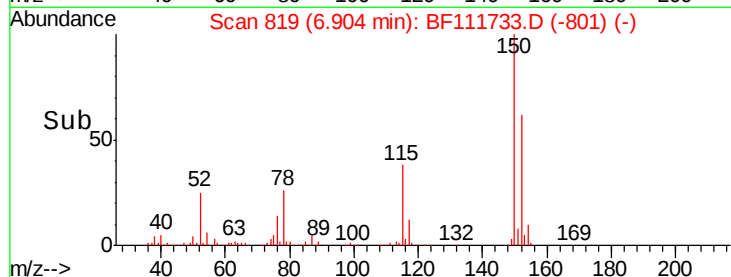


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

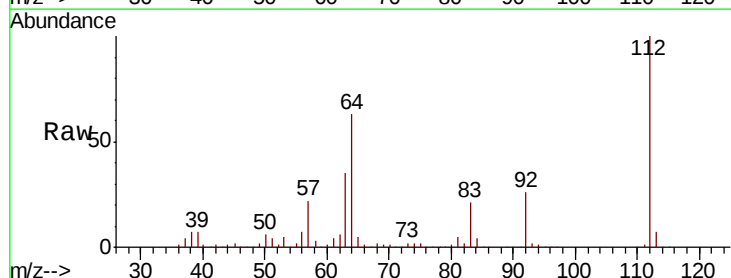
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.551 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	51.8	77.6
63	34.9	26.8	40.2

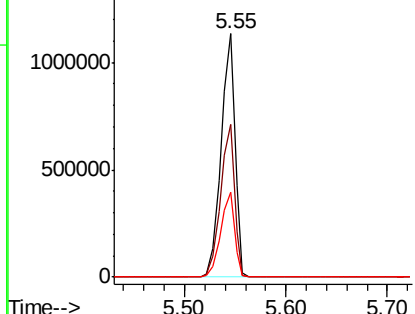
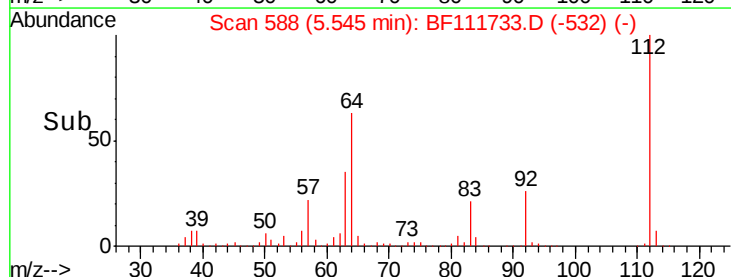


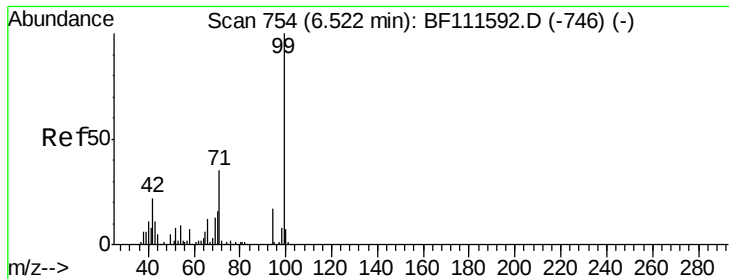
Abundance

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: 128.036 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

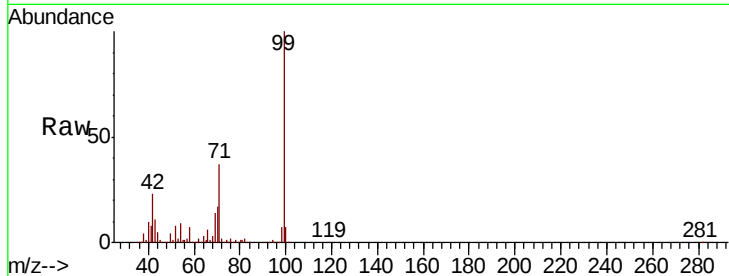
Tot Ion: 99 Resp: 1350781

Ion Ratio Lower Upper

99 100

42 23.0 17.4 26.0

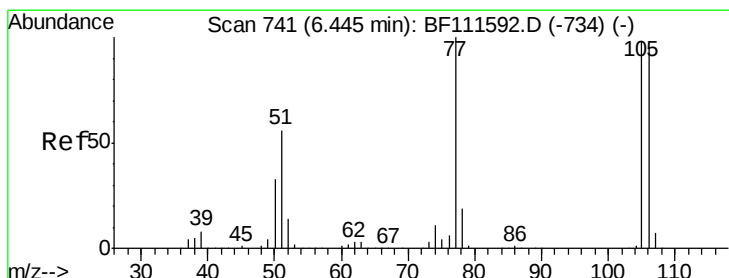
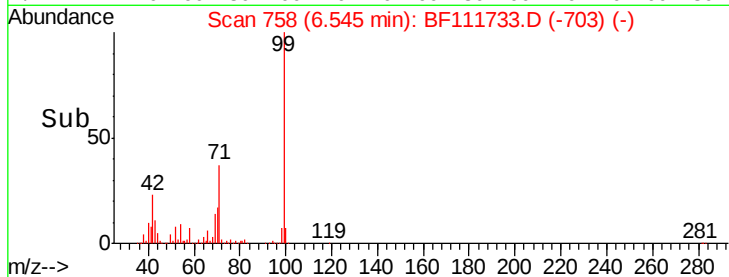
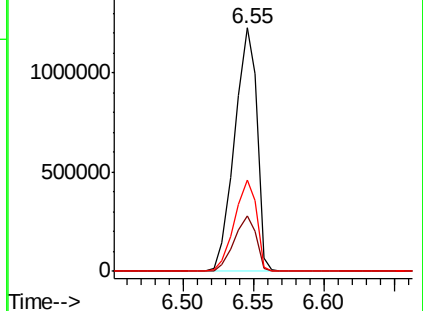
71 37.5 26.1 39.1



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



#9

Benzaldehyde

Concen: 4.988 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

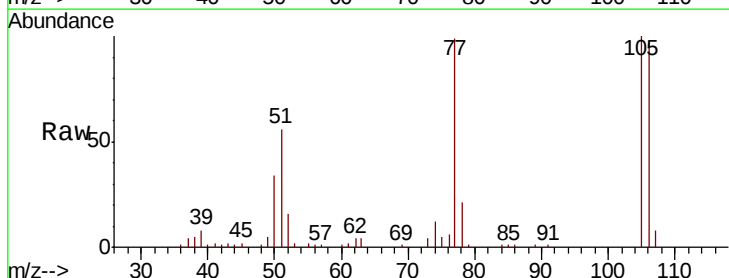
Tgt Ion: 77 Resp: 36194

Ion Ratio Lower Upper

77 100

105 101.0 81.4 121.4

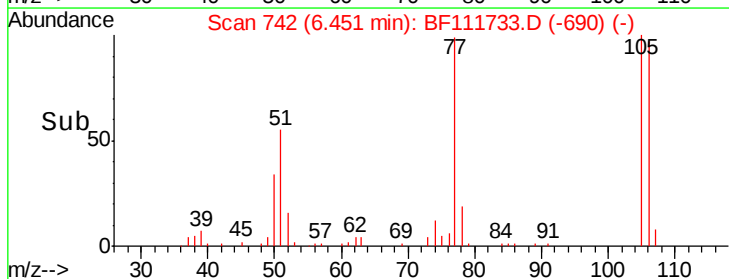
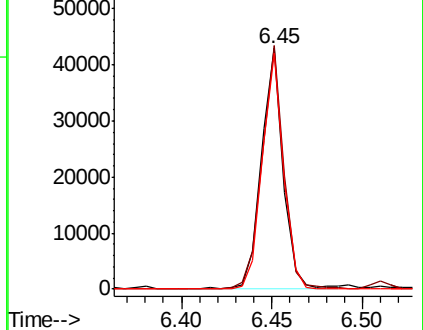
106 97.8 77.9 117.9

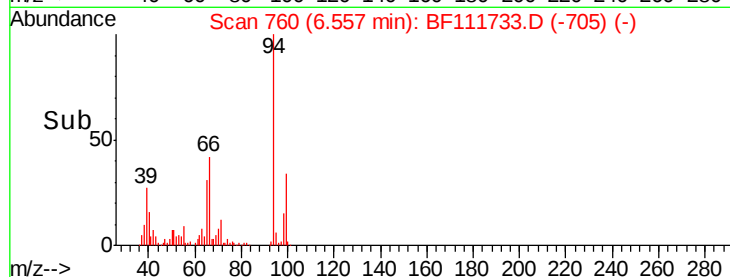
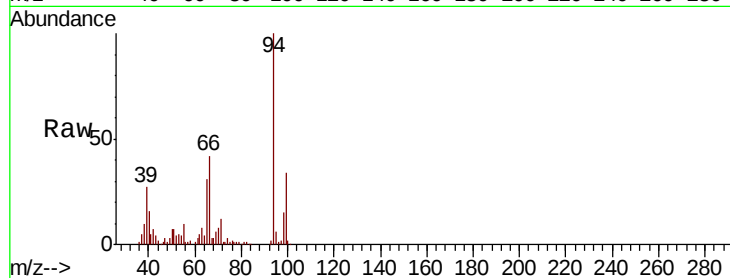
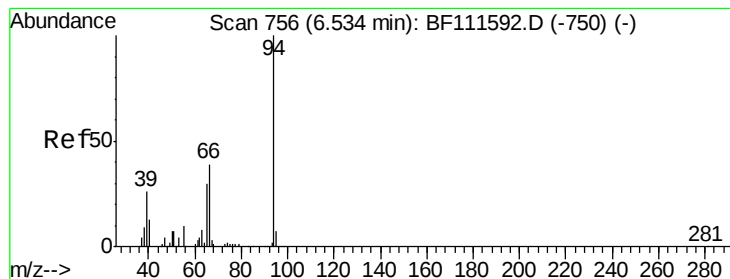


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 9.290 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

Instrument :

BNA_F

ClientSampled :

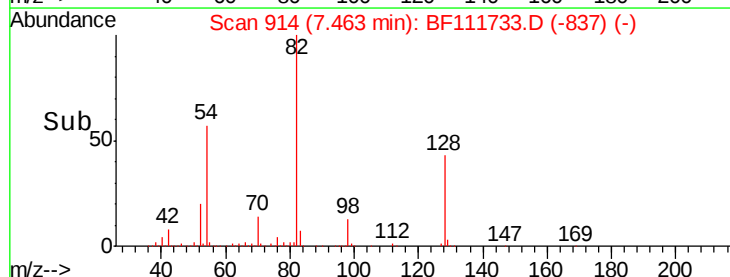
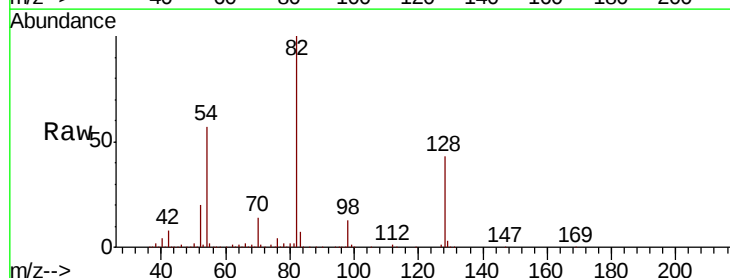
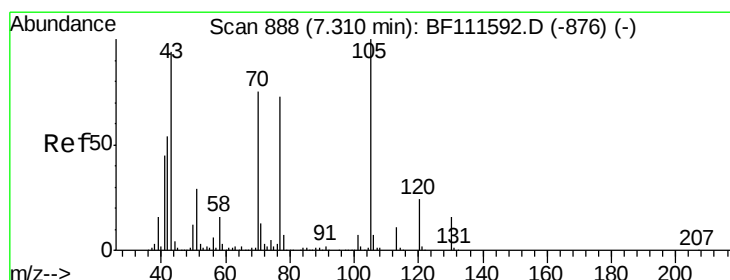
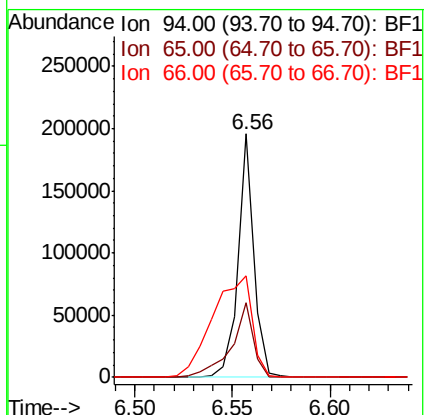
Tot Ion: 94 Resp: 110581

Ion Ratio Lower Upper

94 100

65 30.6 11.7 51.7

66 41.5 21.0 61.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.448 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

Tgt Ion: 70 Resp: 115243

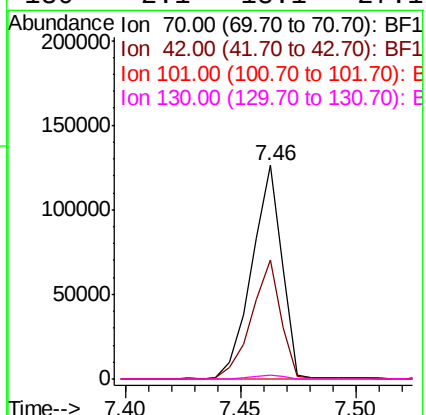
Ion Ratio Lower Upper

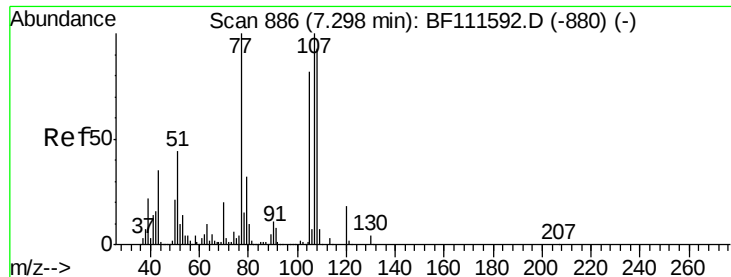
70 100

42 55.8 53.2 79.8

101 0.0 8.2 12.4#

130 2.1 18.1 27.1#





#20

3+4-Methylphenols

Concen: 4.716 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 43820

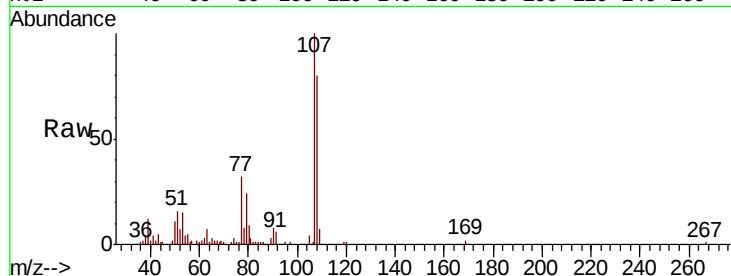
Ion Ratio Lower Upper

107 100

108 80.5 72.1 112.1

77 32.3 94.1 134.1#

79 24.1 9.8 49.8

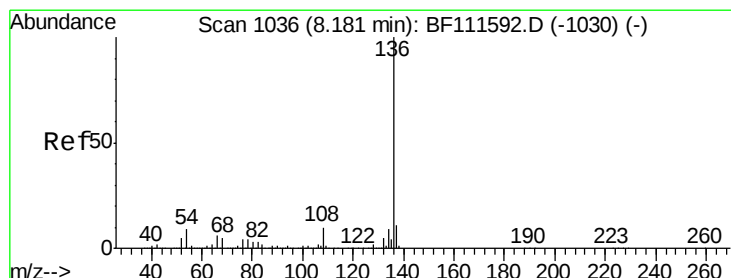
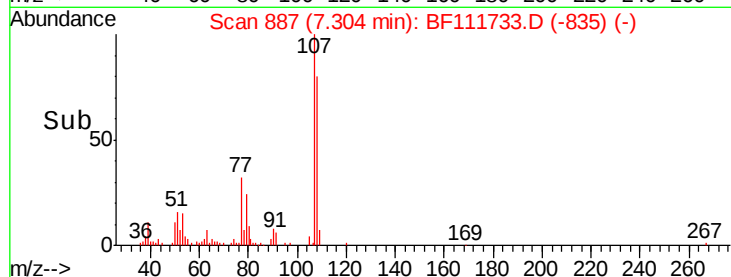
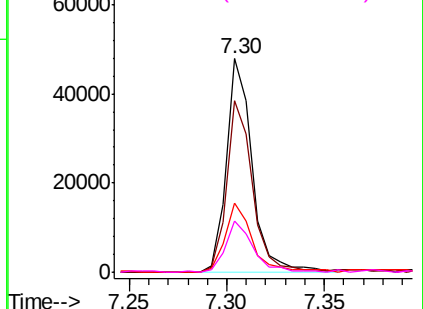


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

Tgt Ion:136 Resp: 477287

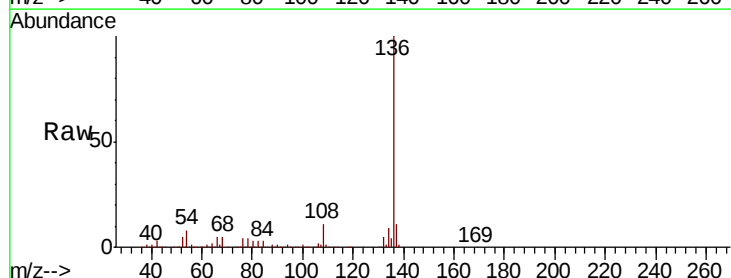
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.3 7.7 11.5

68 4.9 4.9 7.3

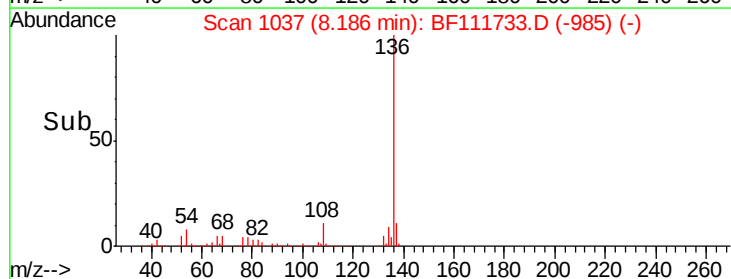
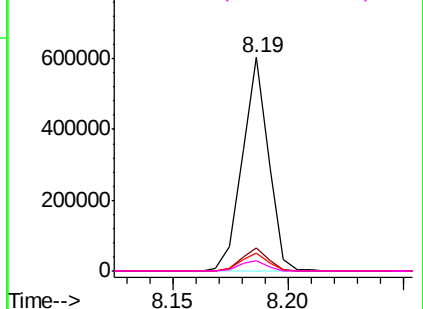


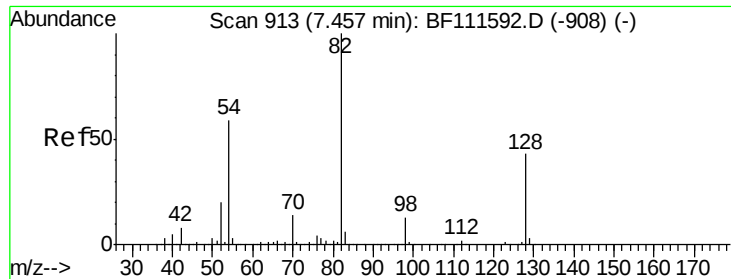
Abundance Ion 136.00 (135.70 to 136.70): E

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

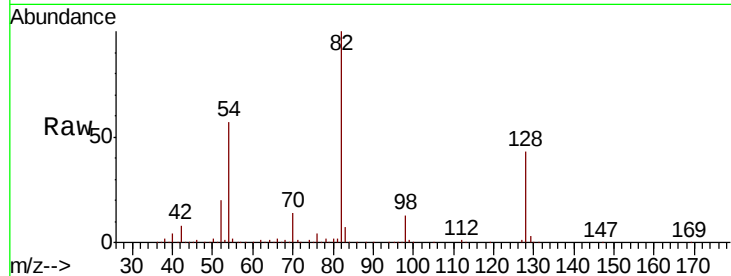




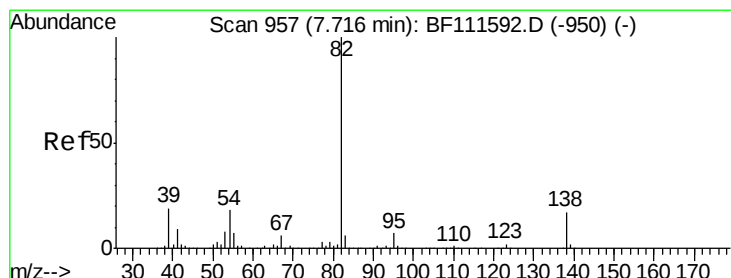
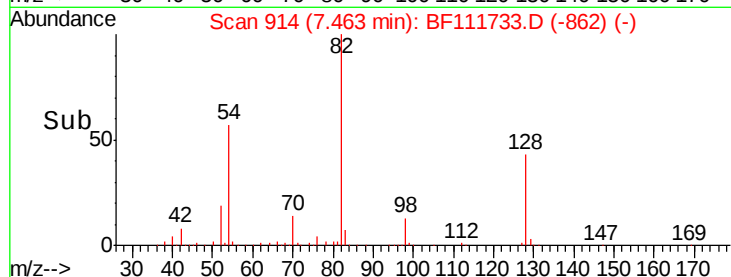
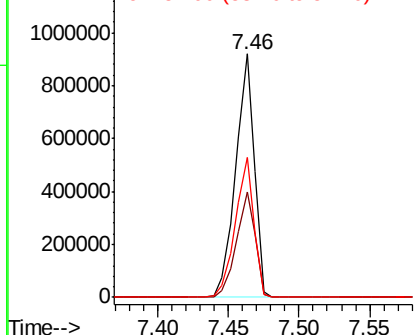
#23
 Nitrobenzene-d5
 Concen: 102.925 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	843956
Ion Ratio	Lower	Upper	
82	100		
128	43.3	37.4	56.2
54	57.5	47.6	71.4

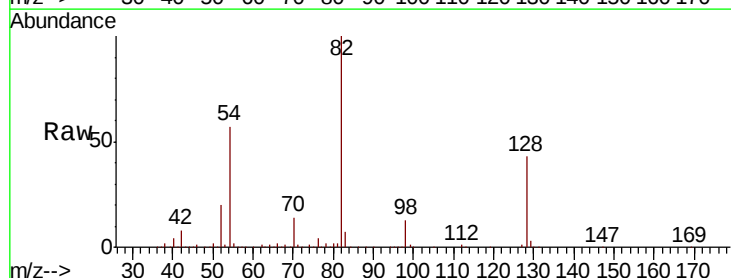


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

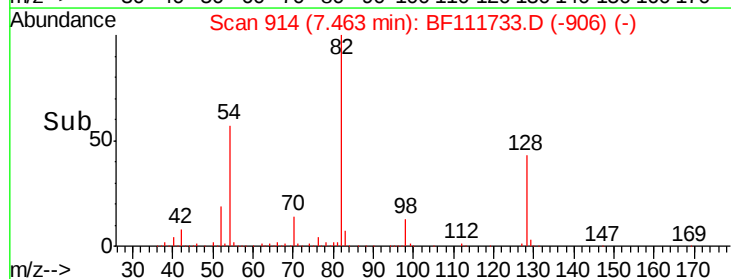
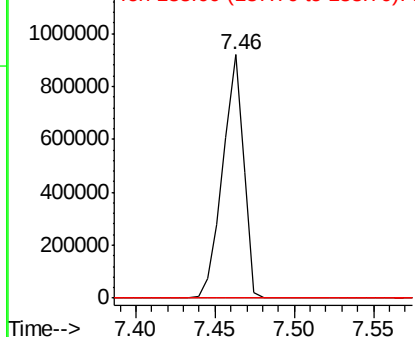


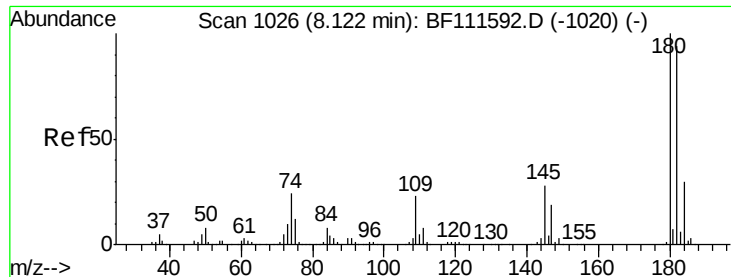
#25
 Isophorone
 Concen: 57.795 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.25 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

Tgt Ion	82	Resp	841313
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



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

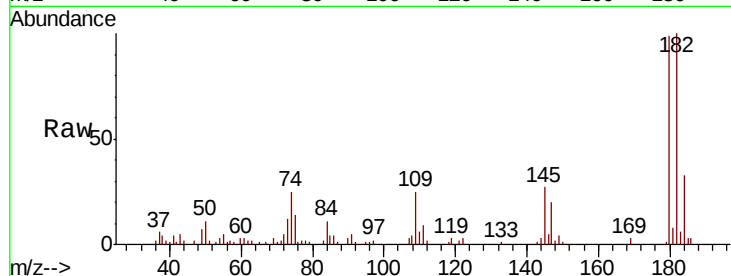




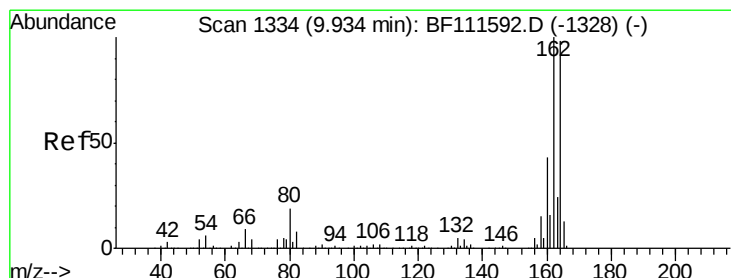
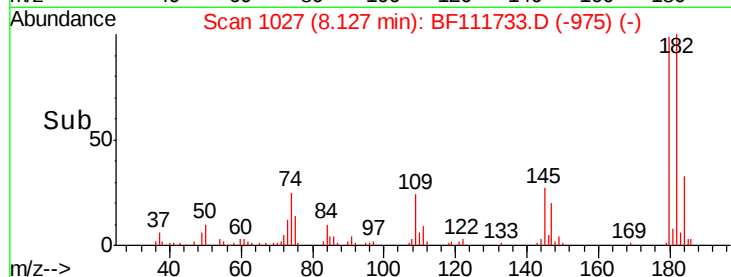
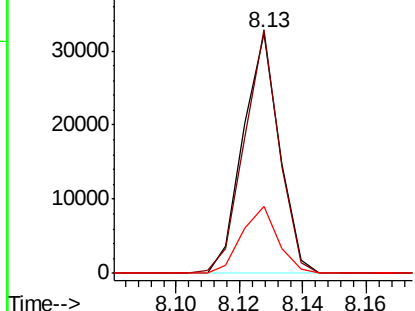
#30
 1,2,4-Trichlorobenzene
 Concen: 3.125 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 25732
 Ion Ratio Lower Upper
 180 100
 182 101.4 75.6 113.4
 145 27.7 26.7 40.1

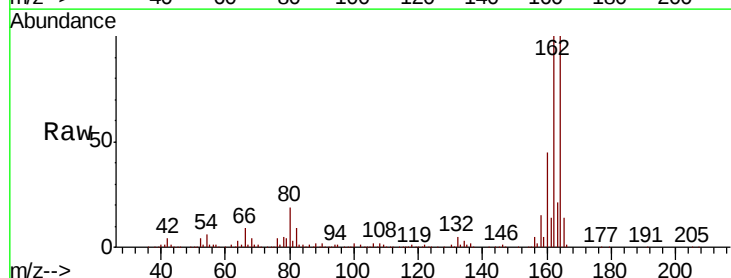


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

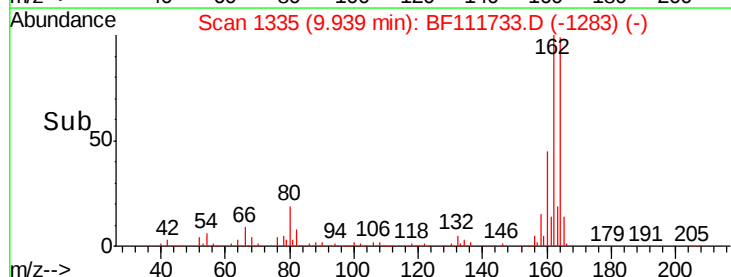
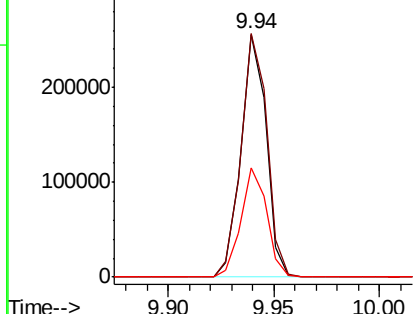


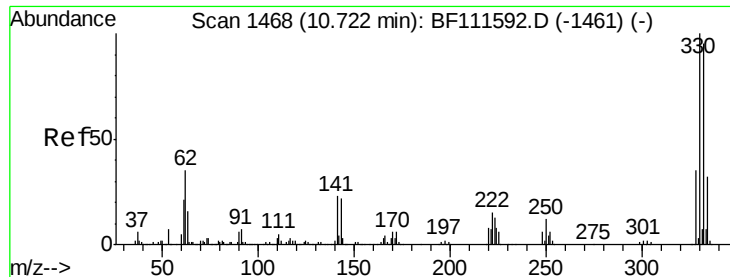
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

Tgt Ion:164 Resp: 211372
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.4 122.0
 160 45.0 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

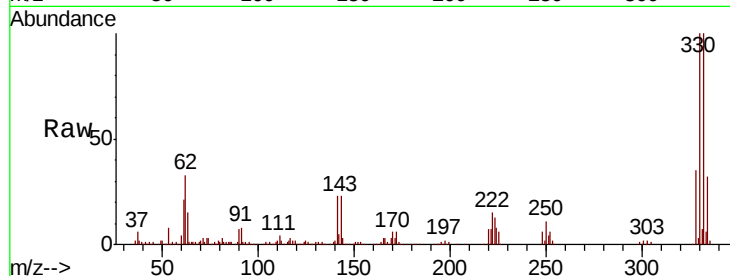




#42
 2,4,6-Tribromophenol
 Concen: 133.359 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.0	114.0
141	31.3	31.0	46.6

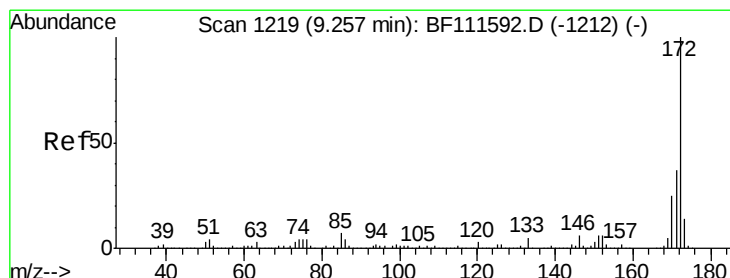
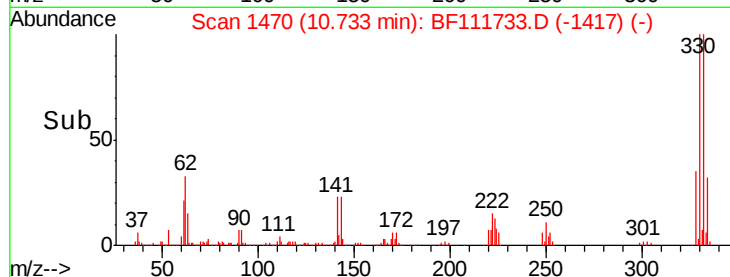
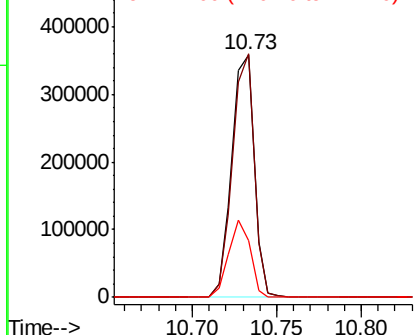


Abundance

Ion 329.80 (329.50 to 330.50): E

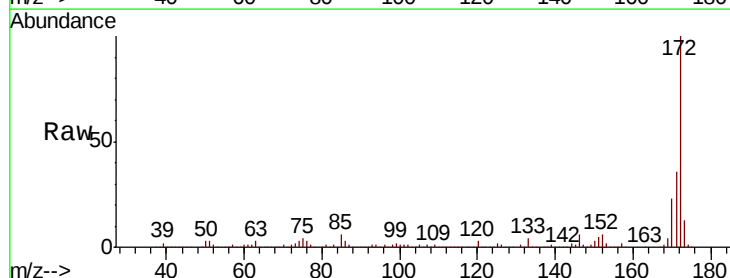
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.784 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111733.D
 Acq: 27 Dec 2018 00:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	23.5	22.3	33.5

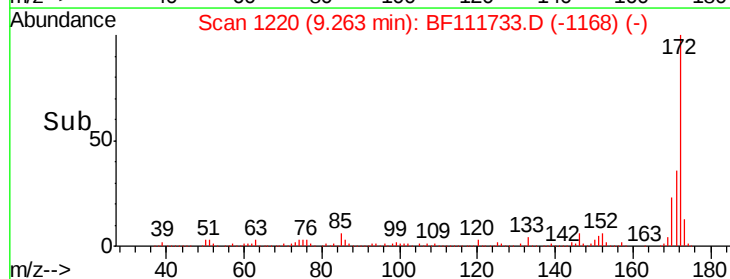
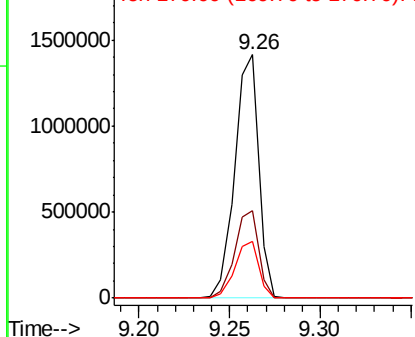


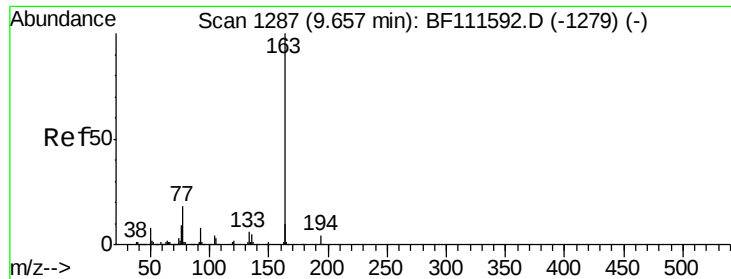
Abundance

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

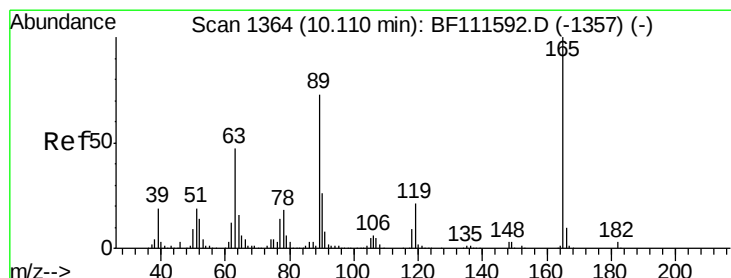
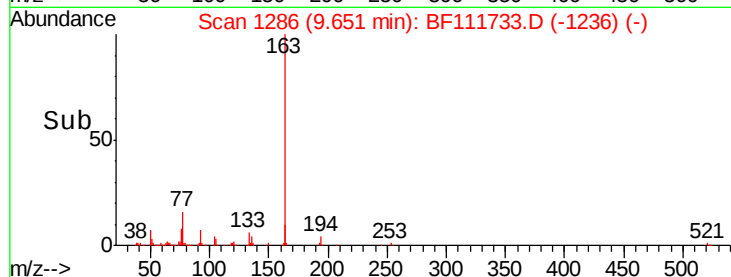
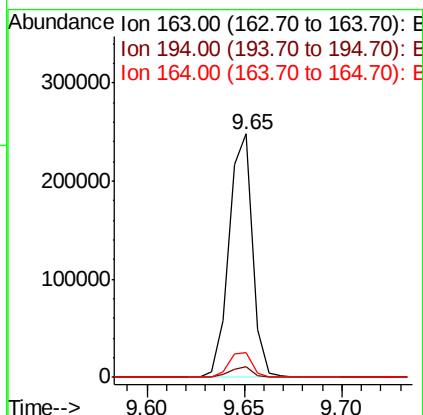
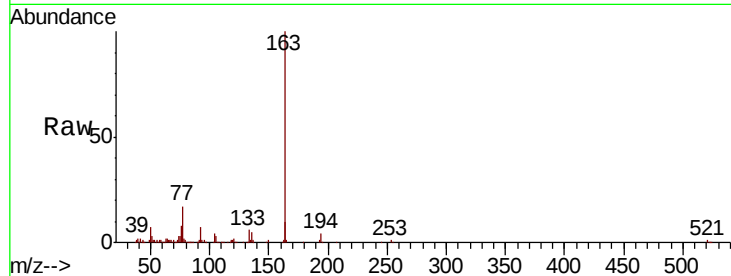




#50
Dimethylphthalate
Concen: 13.338 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

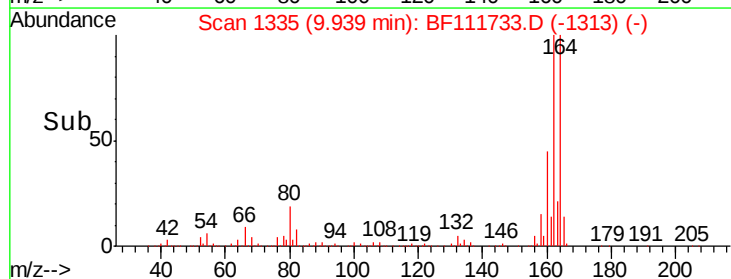
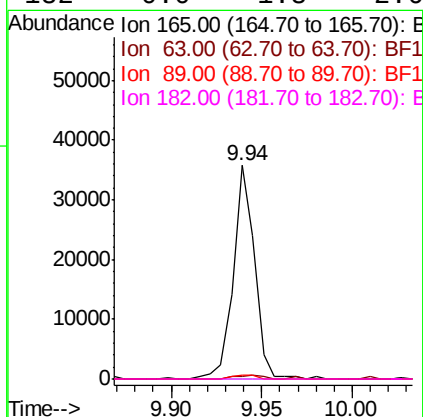
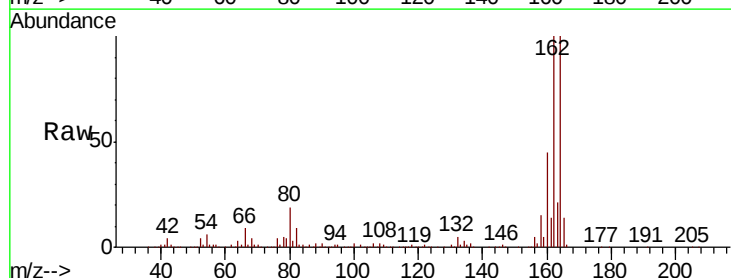
Instrument :
BNA_F
ClientSampleId :

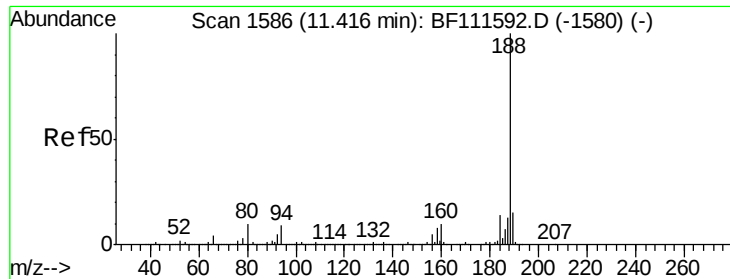
Tot Ion:163 Resp: 206165
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 9.9 8.9 13.3



#57
2,4-Dinitrotoluene
Concen: 7.932 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

Tgt Ion:165 Resp: 29381
Ion Ratio Lower Upper
165 100
63 1.2 34.6 52.0#
89 1.8 56.2 84.4#
182 0.0 1.8 2.6#

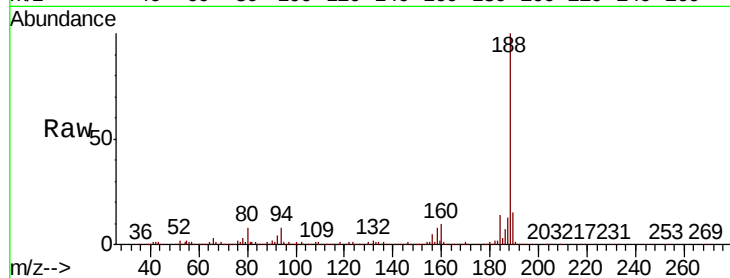




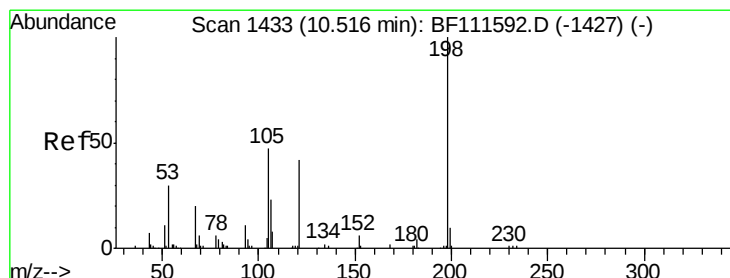
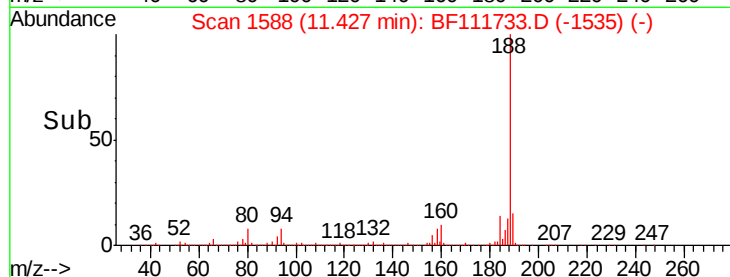
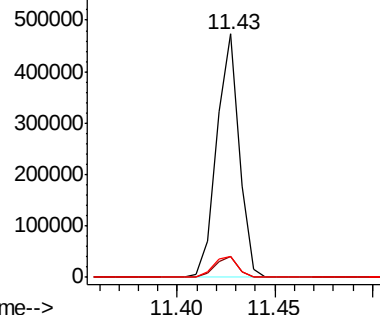
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 376317
Ion Ratio Lower Upper
188 100
94 8.5 9.6 14.4#
80 8.5 9.8 14.6#

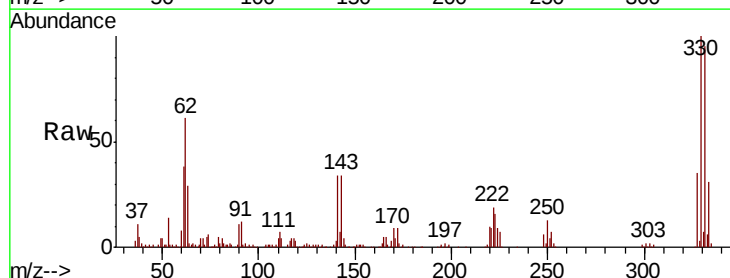


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

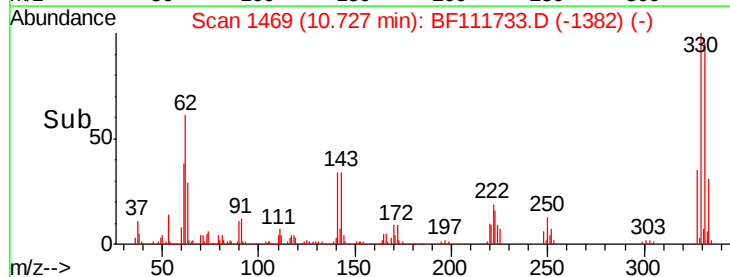
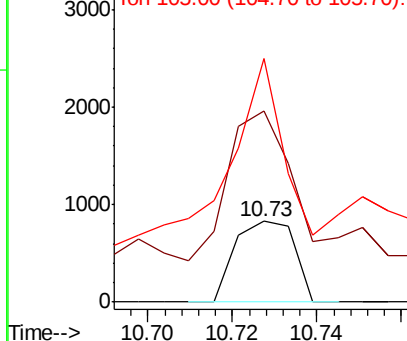


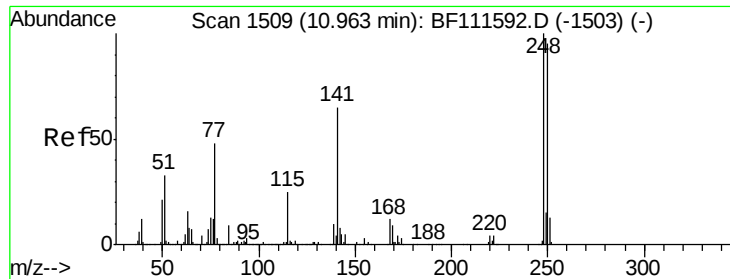
#65
4,6-Dinitro-2-methylphenol
Concen: 7.140 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

Tgt Ion:198 Resp: 808
Ion Ratio Lower Upper
198 100
51 238.1 48.0 88.0#
105 302.8 34.0 74.0#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

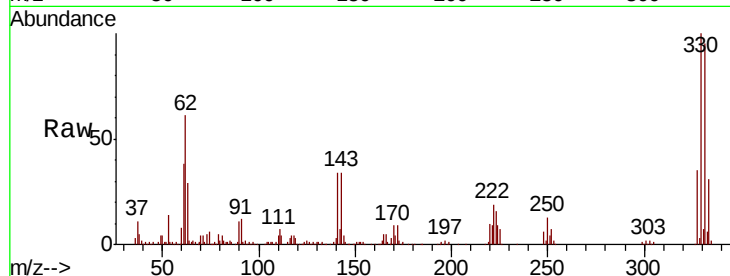




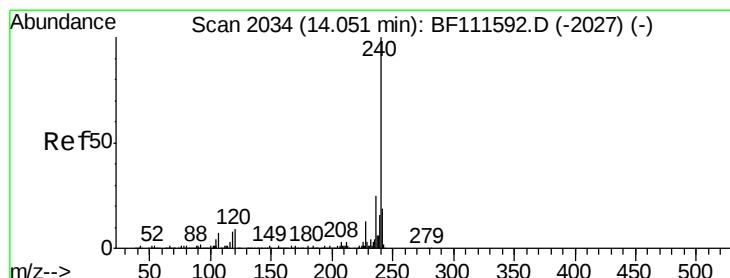
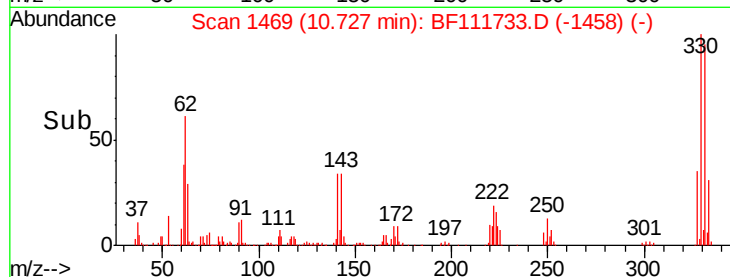
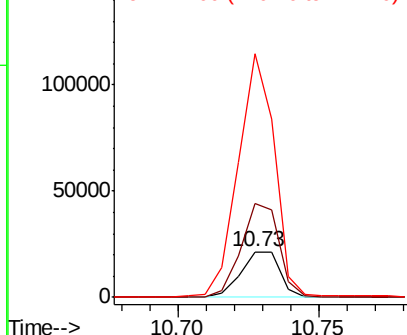
#67
4-Bromophenyl-phenylether
Concen: 4.430 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 20678
Ion Ratio Lower Upper
248 100
250 208.8 77.0 115.4#
141 538.4 63.0 94.6#

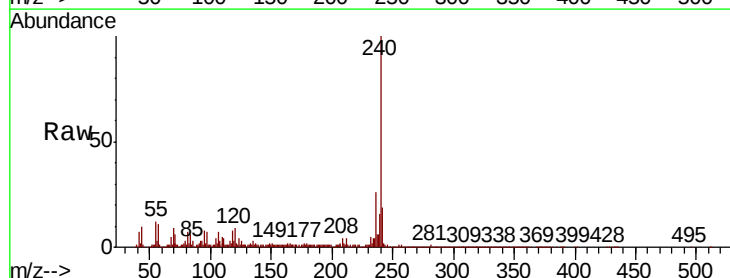


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

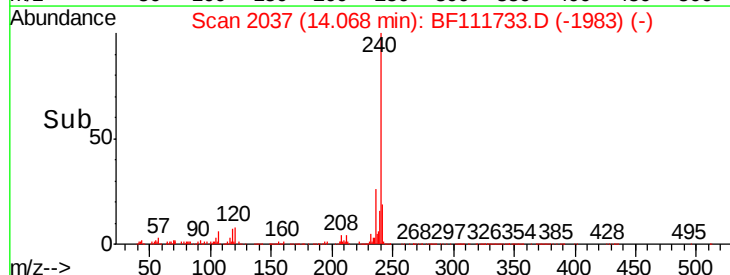
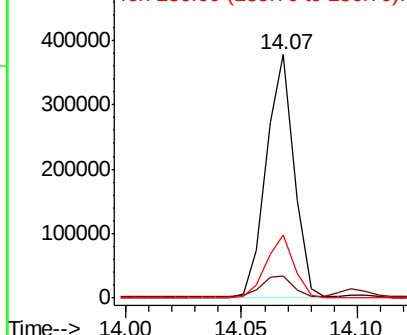


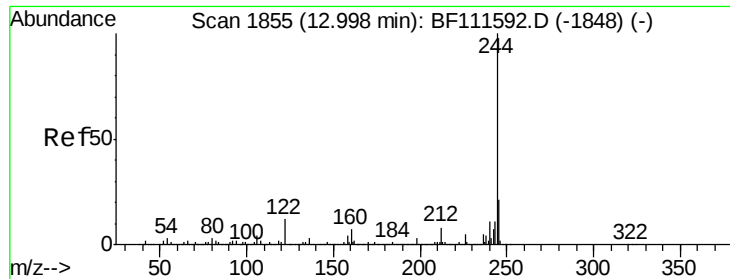
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

Tgt Ion:240 Resp: 317303
Ion Ratio Lower Upper
240 100
120 9.4 12.2 18.2#
236 25.8 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: 72.769 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

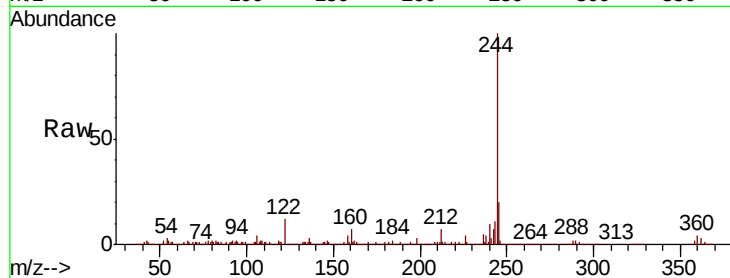
Tot Ion:244 Resp: 1217542

Ion Ratio Lower Upper

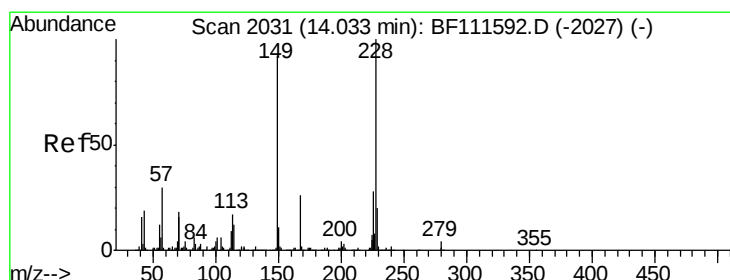
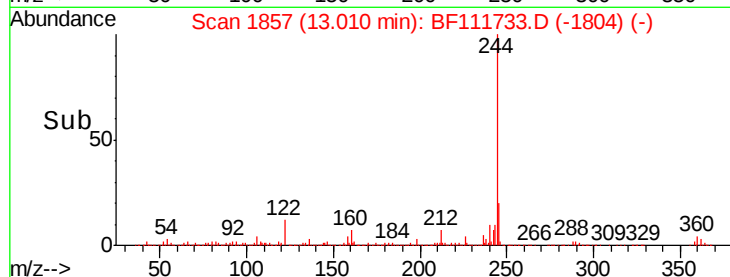
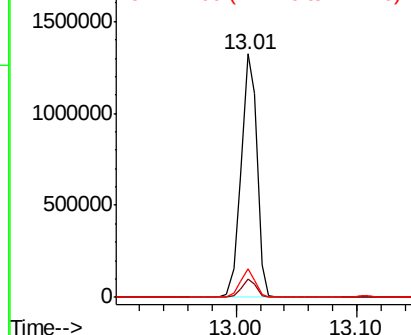
244 100

212 7.3 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: 2.018 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111733.D

Acq: 27 Dec 2018 00:13

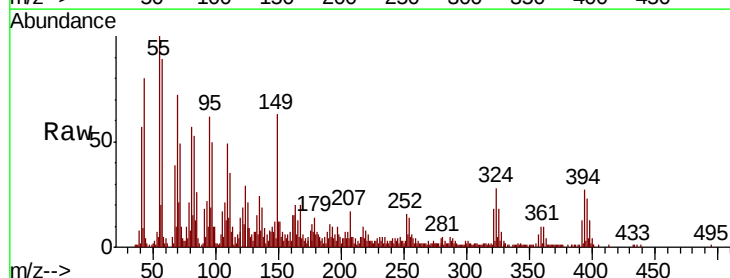
Tgt Ion:149 Resp: 23215

Ion Ratio Lower Upper

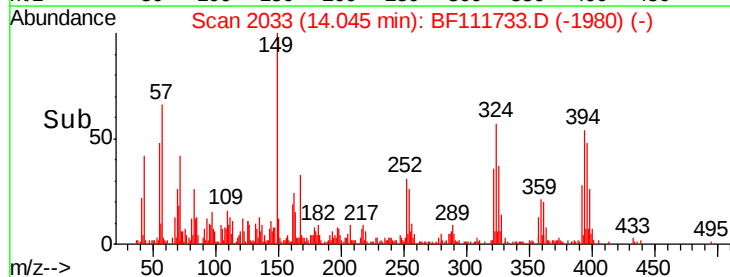
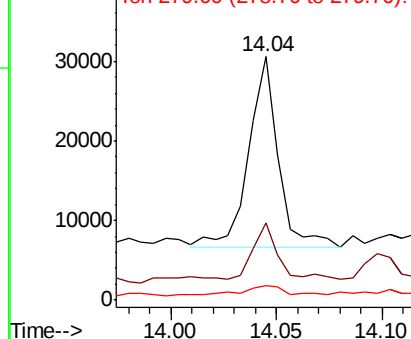
149 100

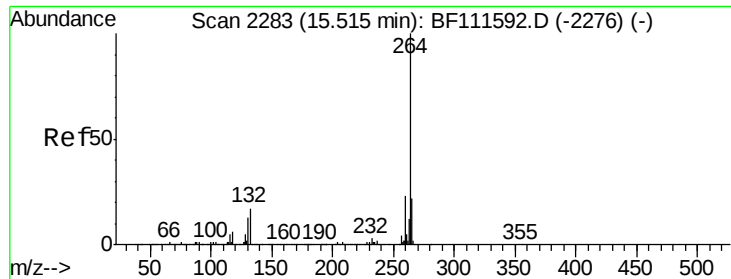
167 31.6 22.5 33.7

279 6.0 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

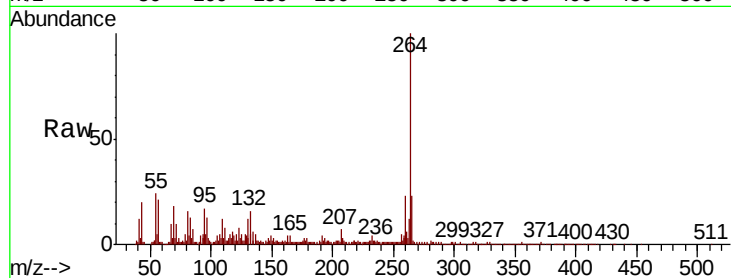




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111733.D
Acq: 27 Dec 2018 00:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	22.6	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

