

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111175.D
 Acq On : 7 Dec 2018 9:04
 Operator : JU/SJ
 Sample : J6129-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 09:39:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

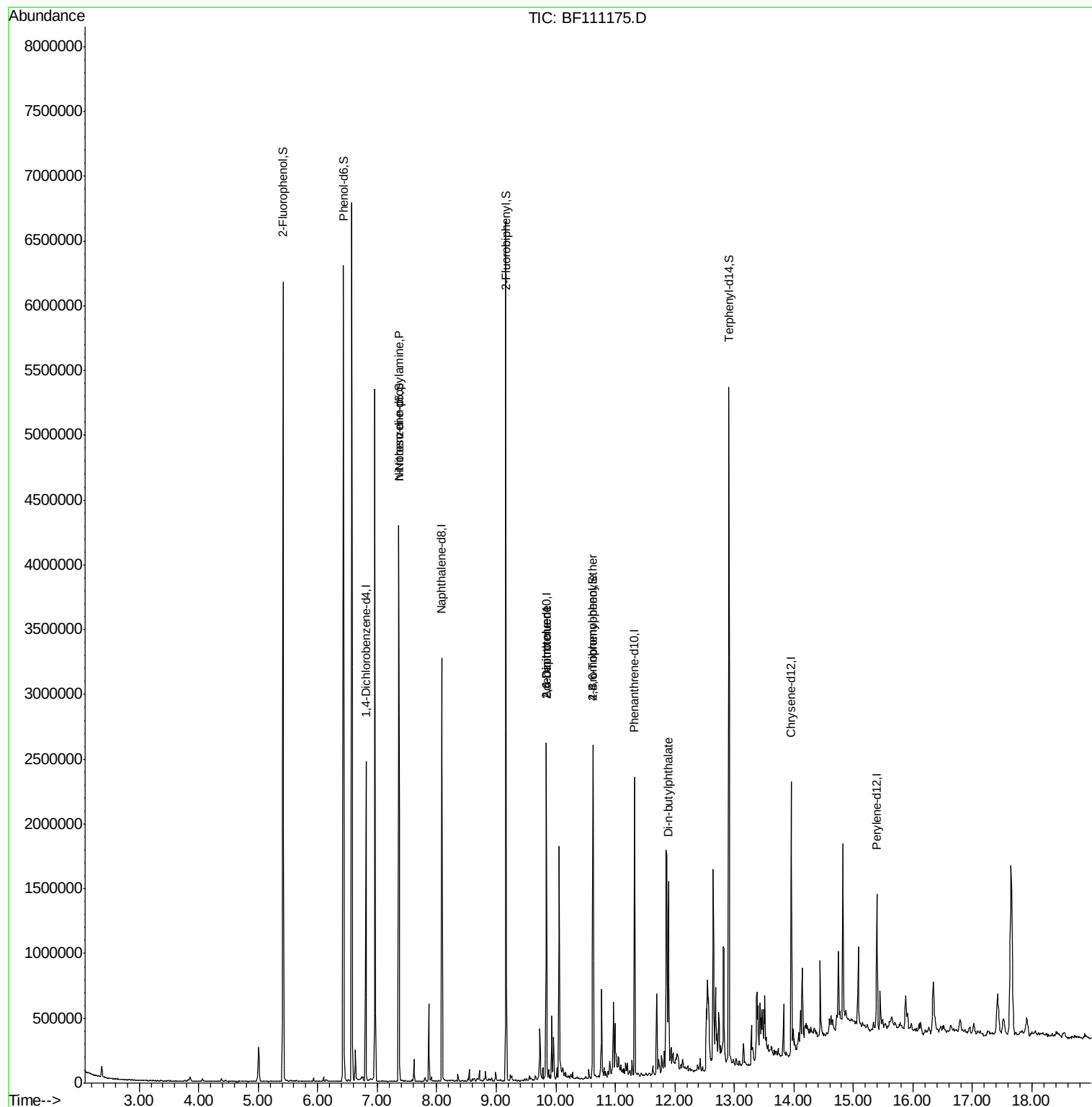
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	371203	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1338829	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	510905	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	789039	20.00	ng	0.00
76) Chrysene-d12	13.96	240	639420	20.00	ng	0.00
87) Perylene-d12	15.40	264	436864	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1580364	66.44	ng	0.00
7) Phenol-d6	6.43	99	1959087	63.93	ng	0.00
23) Nitrobenzene-d5	7.36	82	1152417	50.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	272637	67.13	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1911344	66.04	ng	0.00
79) Terphenyl-d14	12.91	244	1520350	48.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	3664	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	153994	7.478 ng	#	75
51) 2,6-Dinitrotoluene	9.84	165	65232	8.653 ng	#	26
57) 2,4-Dinitrotoluene	9.84	165	65232	6.700 ng	#	23
67) 4-Bromophenyl-phenylether	10.63	248	18040	2.160 ng	#	1
74) Di-n-butylphthalate	11.89	149	547298	11.745 ng		96

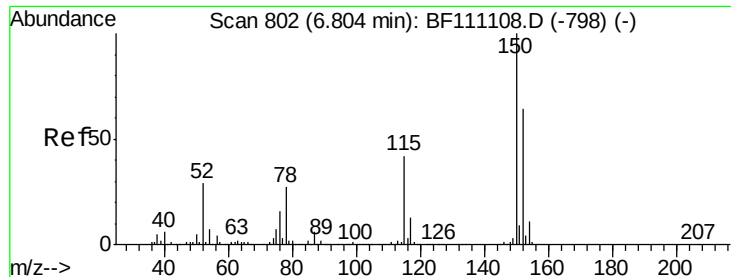
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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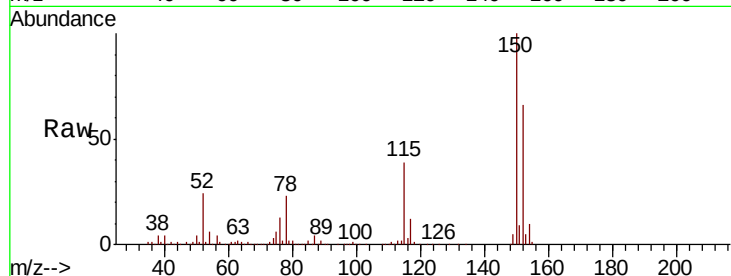


#1

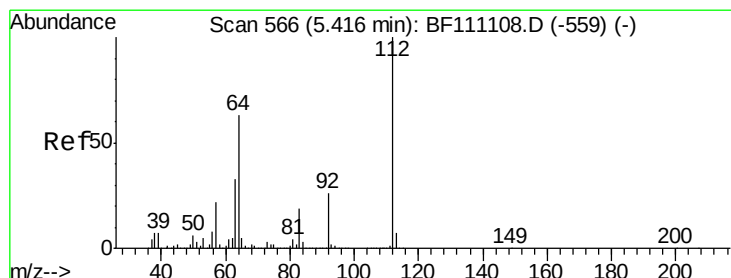
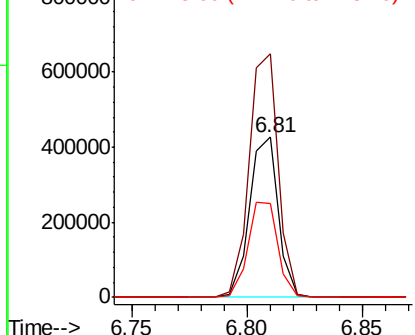
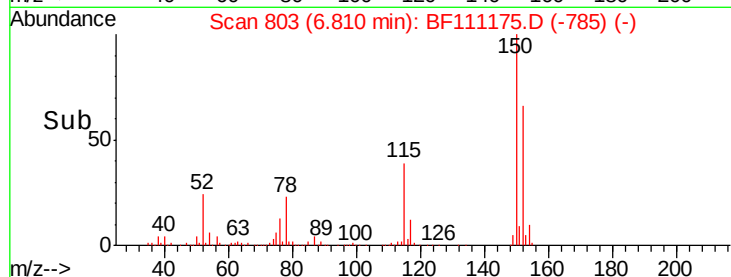
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	187.0
115	58.9	52.2	78.2



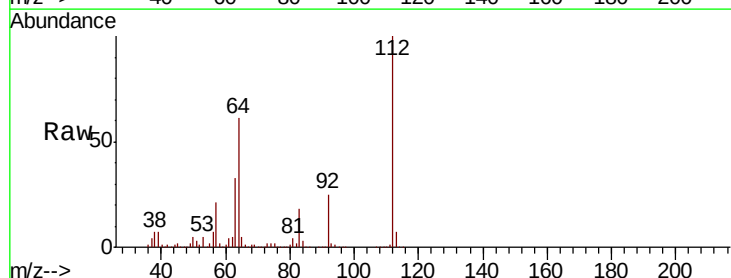
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



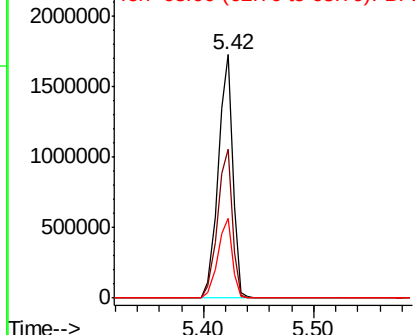
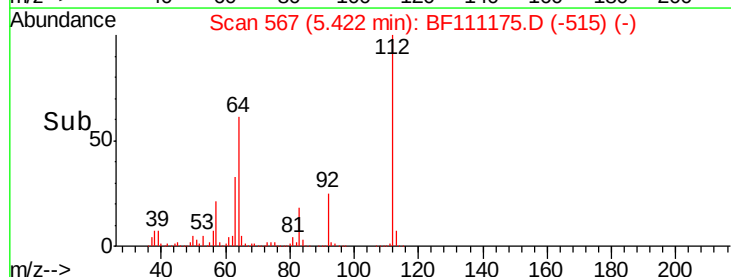
#5

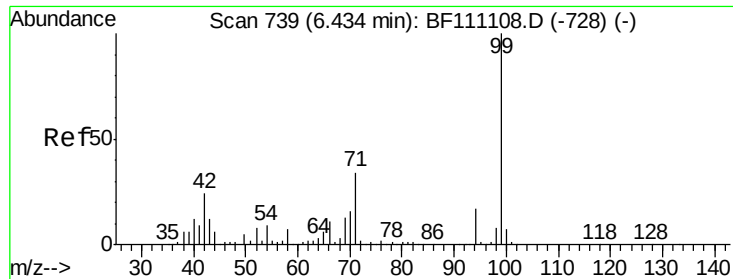
2-Fluorophenol
Concen: 66.435 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	50.2	75.4
63	32.7	26.6	39.8



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: 63.932 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111175.D

Acq: 7 Dec 2018 9:04

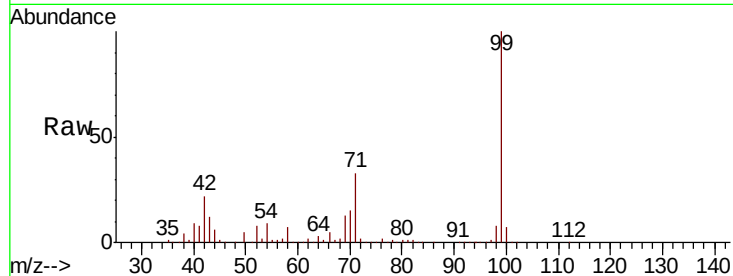
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1959087

Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.3	28.9
71	33.1	27.4	41.2

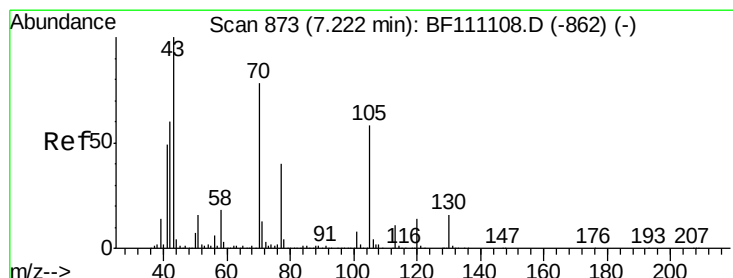
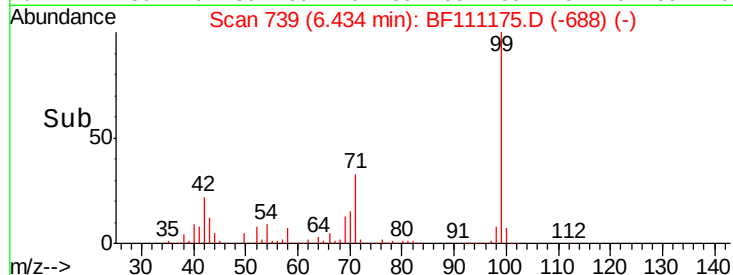
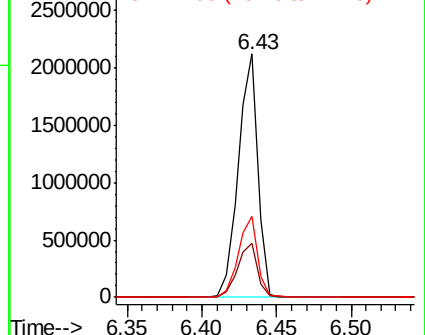


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 7.478 ng

RT: 7.36 min Scan# 897

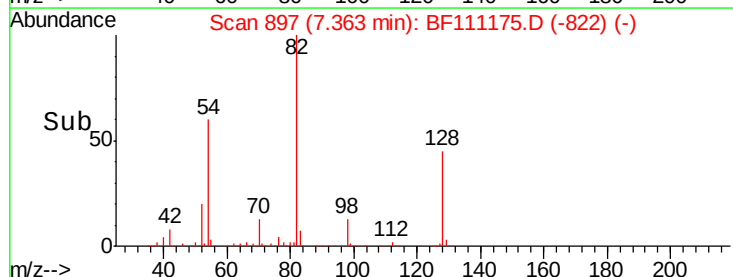
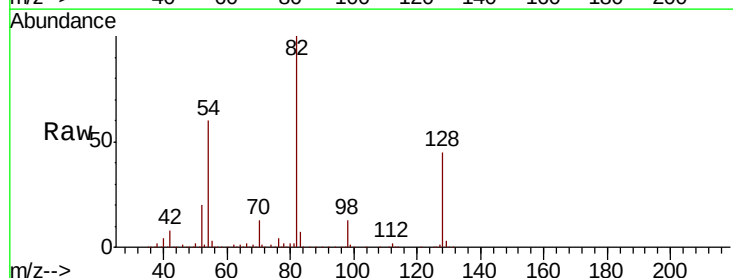
Delta R.T. 0.14 min

Lab File: BF111175.D

Acq: 7 Dec 2018 9:04

Tgt Ion: 70 Resp: 153994

Ion	Ratio	Lower	Upper
70	100		
42	58.0	61.3	91.9#
101	0.0	7.7	11.5#
130	2.2	16.3	24.5#



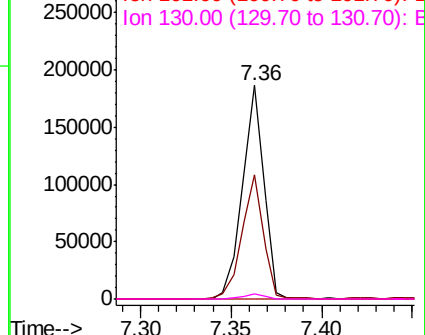
Abundance

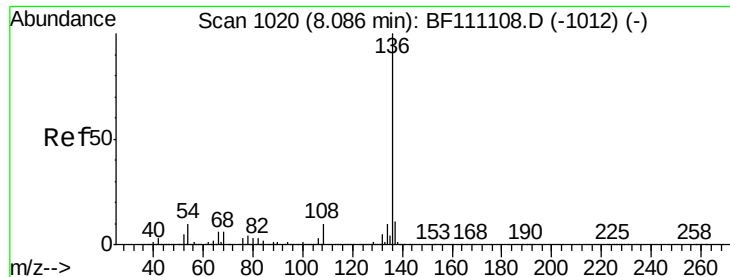
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

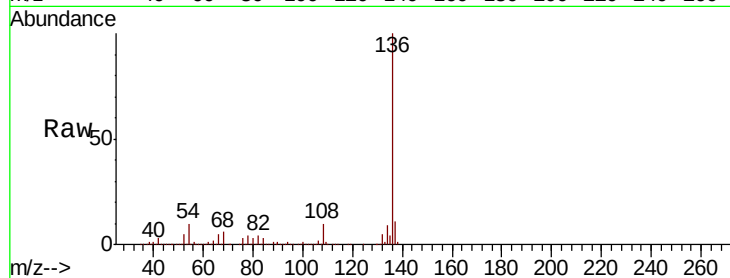




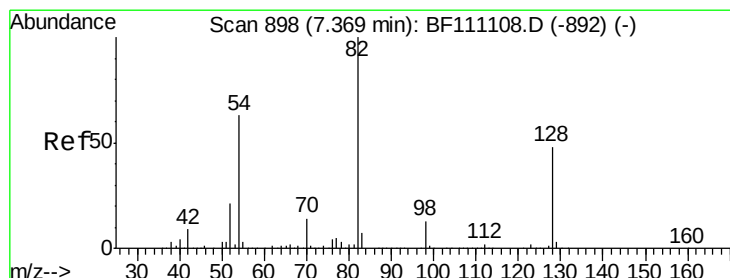
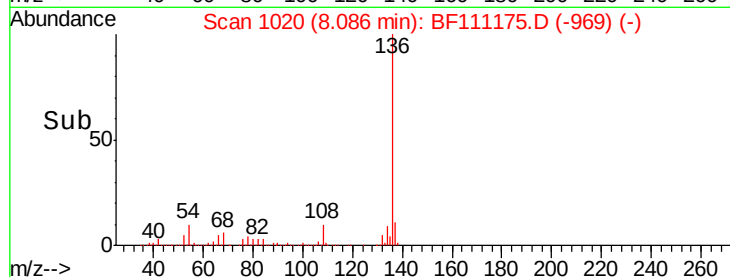
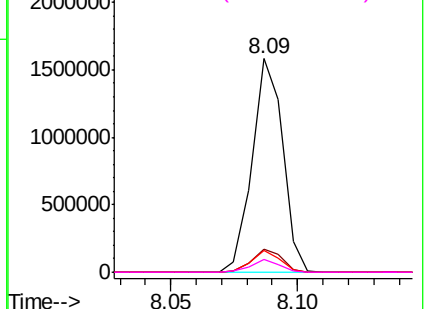
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 1338829
Ion Ratio	Lower Upper
136 100	
137 10.7	9.0 13.6
54 10.0	8.4 12.6
68 6.3	5.0 7.4

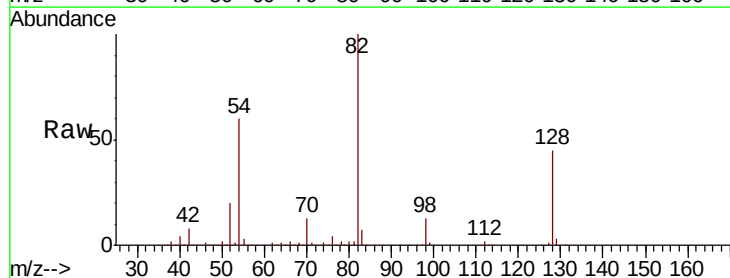


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

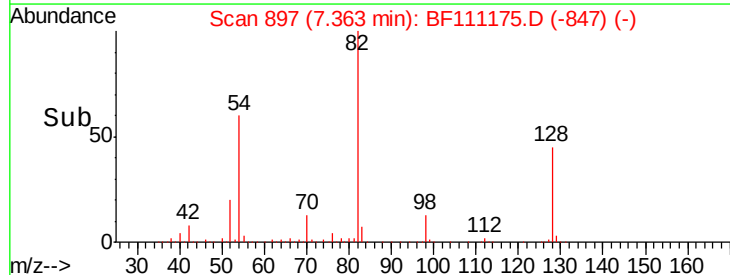
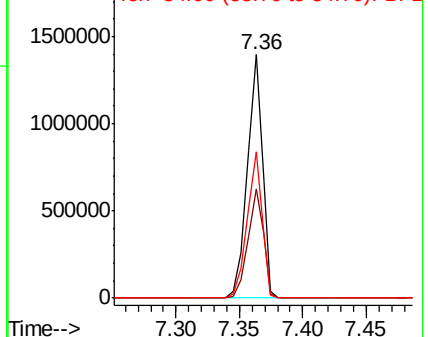


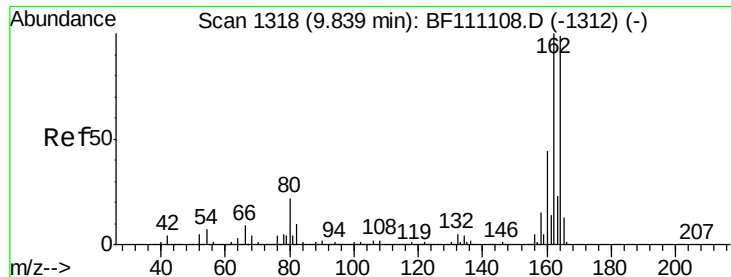
#23
Nitrobenzene-d5
Concen: 50.960 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Tgt	Ion: 82	Resp: 1152417	
Ion	Ratio	Lower	Upper
82	100		
128	45.0	38.1	57.1
54	59.9	50.3	75.5



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

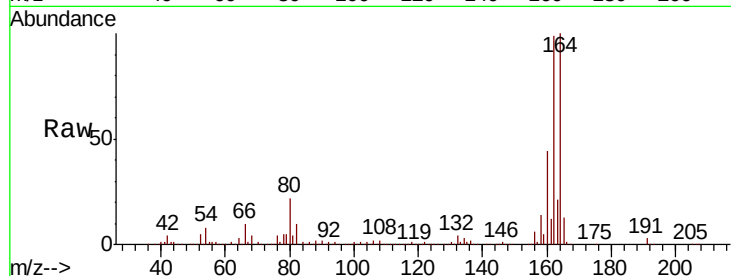




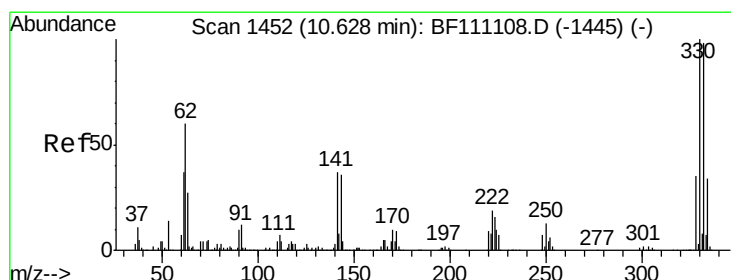
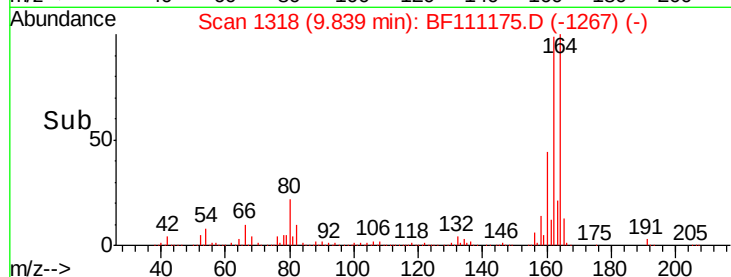
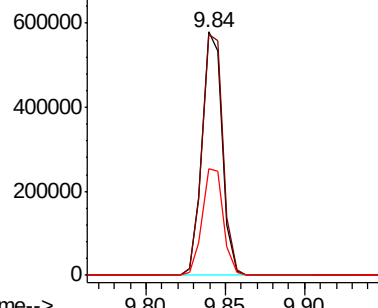
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 510905
Ion Ratio Lower Upper
164 100
162 98.9 80.6 120.8
160 43.6 35.5 53.3

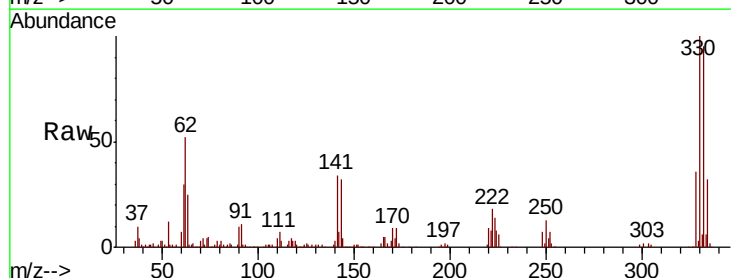


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

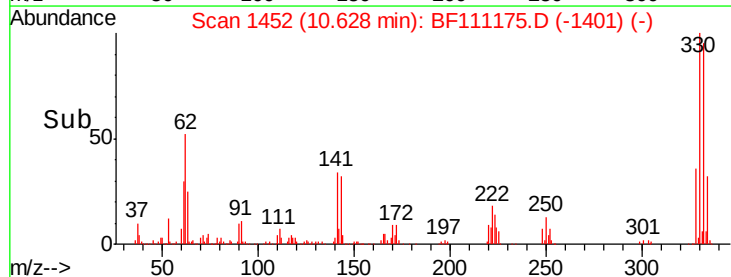
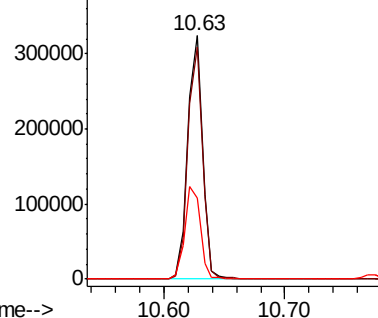


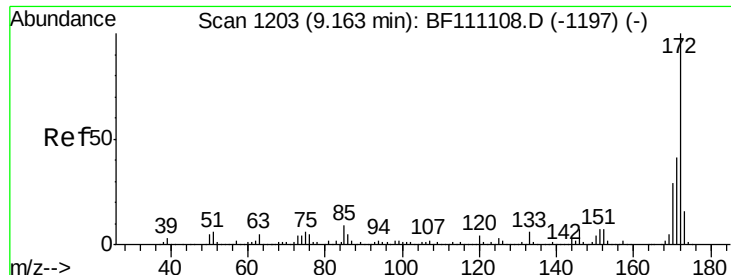
#42
2,4,6-Tribromophenol
Concen: 67.134 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Tgt Ion:330 Resp: 272637
Ion Ratio Lower Upper
330 100
332 95.0 77.2 115.8
141 40.3 36.1 54.1



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

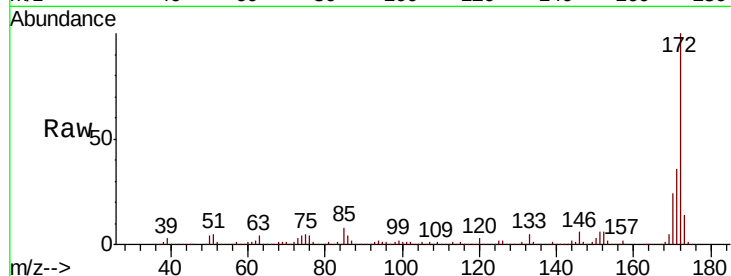




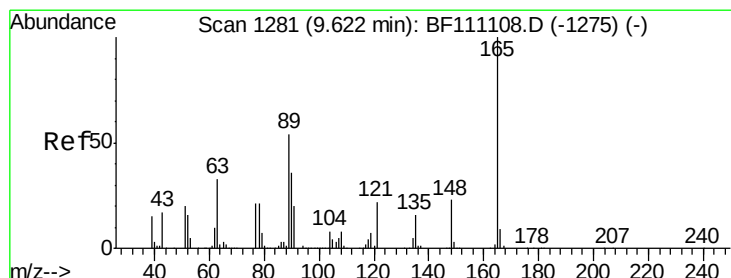
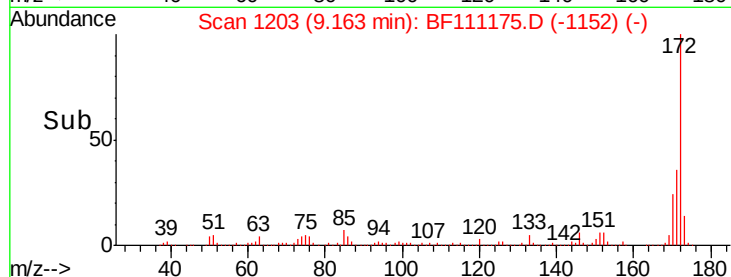
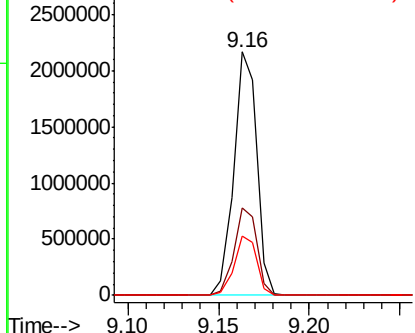
#45
2-Fluorobiphenyl
Concen: 66.044 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1911344
Ion Ratio Lower Upper
172 100
171 35.8 33.2 49.8
170 24.3 22.9 34.3

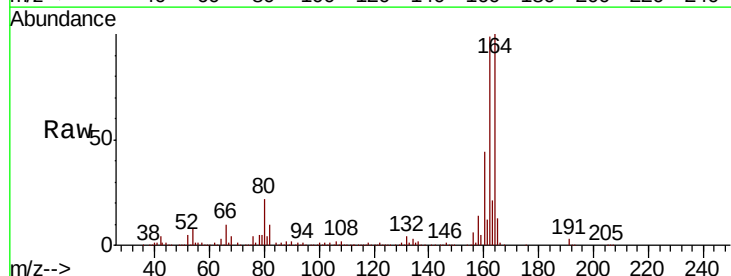


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

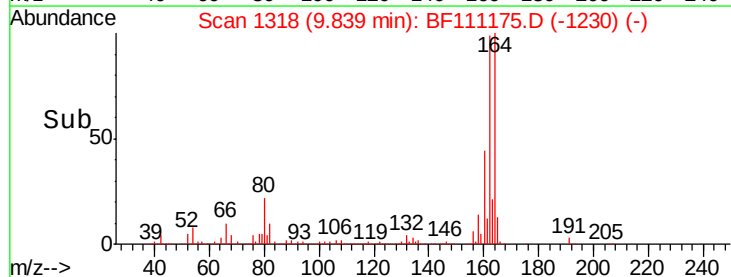
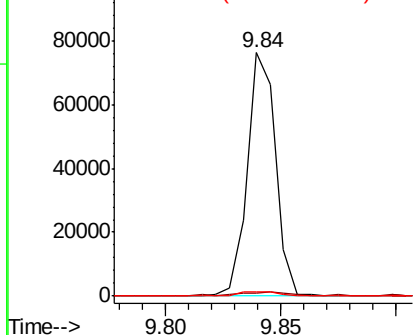


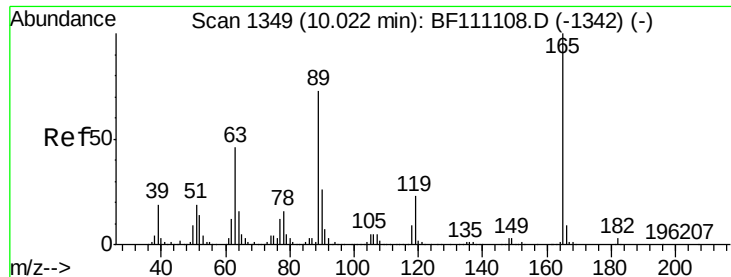
#51
2,6-Dinitrotoluene
Concen: 8.653 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Tgt Ion:165 Resp: 65232
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.8 43.0 64.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

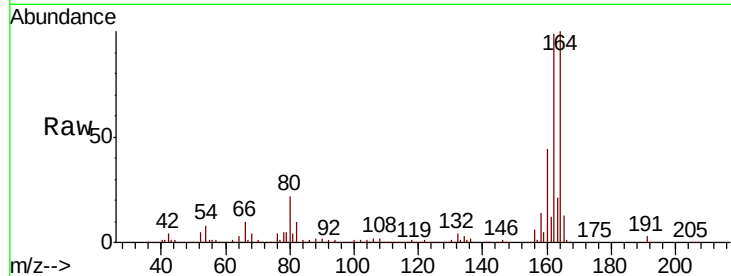




#57
 2,4-Dinitrotoluene
 Concen: 6.700 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111175.D
 Acq: 7 Dec 2018 9:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.8	58.4	87.6#
182	0.0	2.1	3.1#



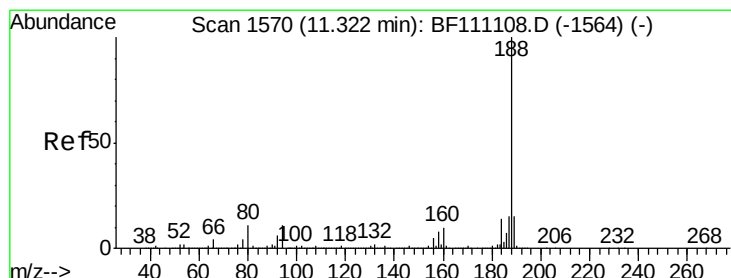
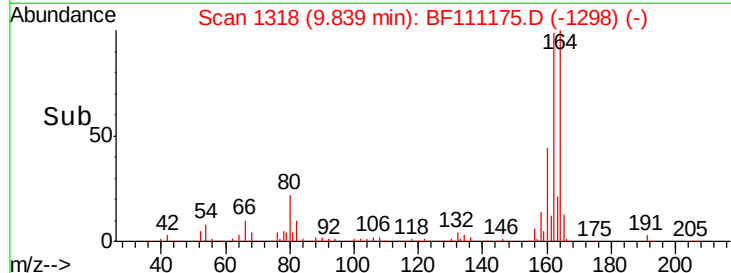
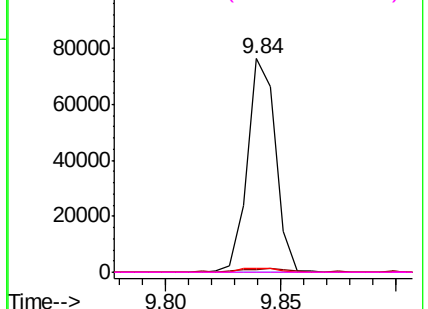
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

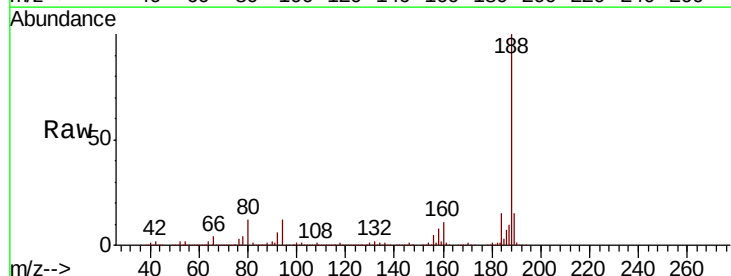
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF111175.D
 Acq: 7 Dec 2018 9:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.3	9.0	13.6

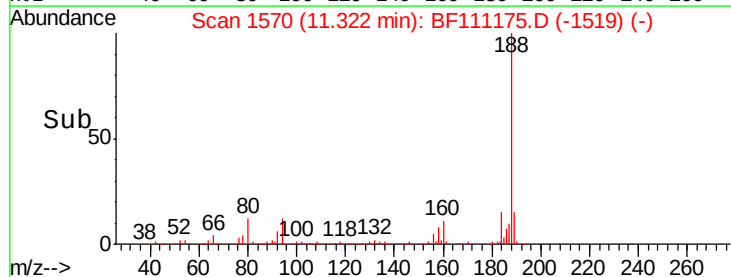
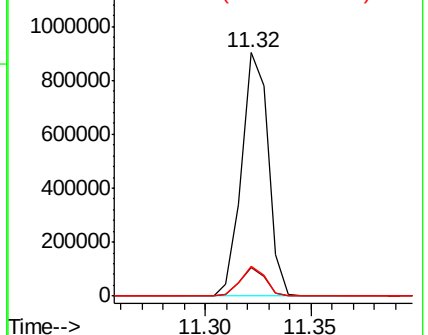


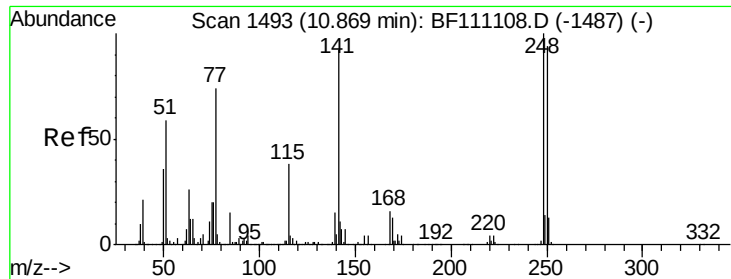
Abundance

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





#67

4-Bromophenyl-phenylether

Concen: 2.160 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF111175.D

Acq: 7 Dec 2018 9:04

Instrument :

BNA_F

ClientSampleId :

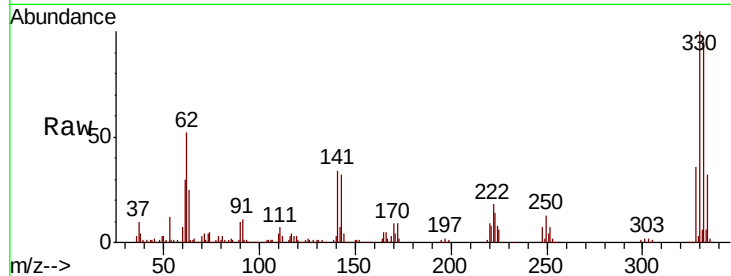
Tot Ion:248 Resp: 18040

Ion Ratio Lower Upper

248 100

250 198.4 75.4 113.0#

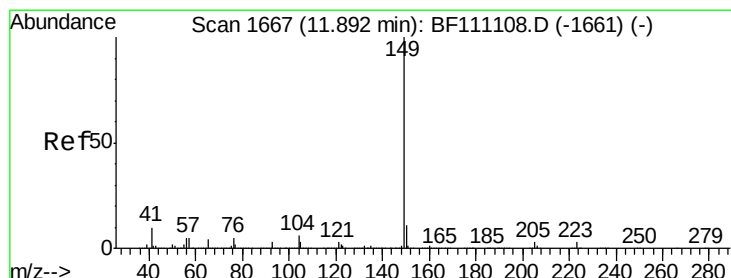
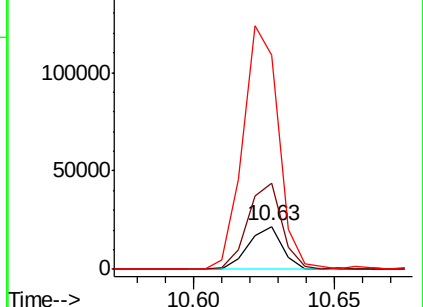
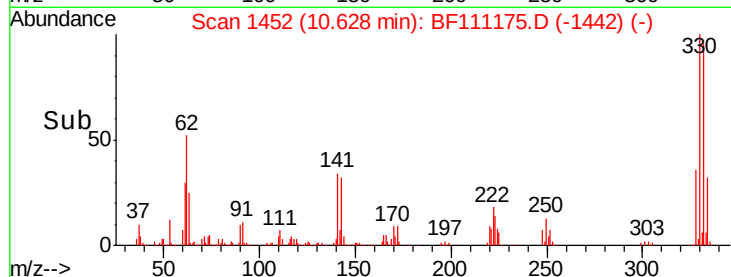
141 496.0 73.8 110.6#



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



#74

Di-n-butylphthalate

Concen: 11.745 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF111175.D

Acq: 7 Dec 2018 9:04

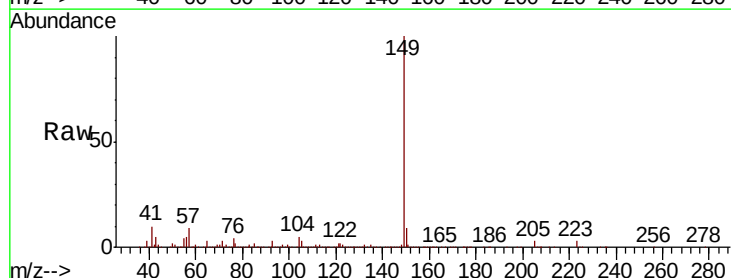
Tgt Ion:149 Resp: 547298

Ion Ratio Lower Upper

149 100

150 9.0 8.6 12.8

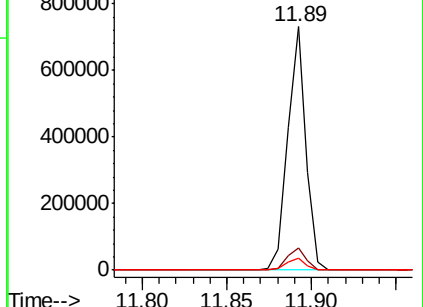
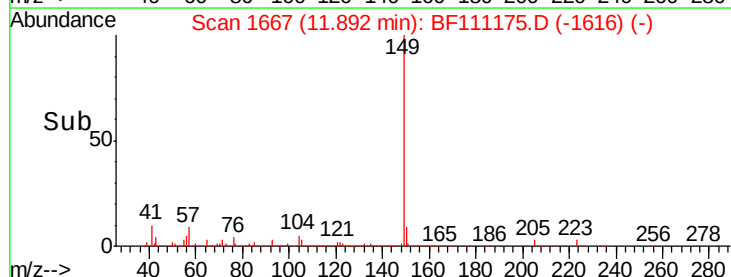
104 4.8 4.5 6.7

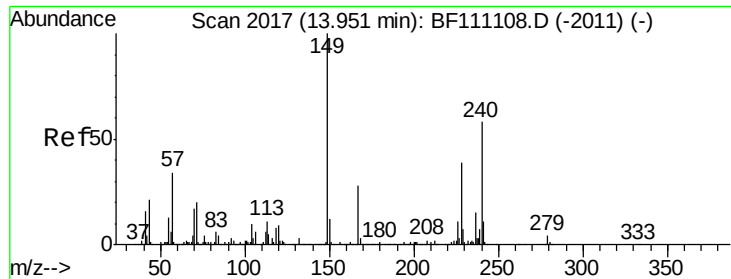


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

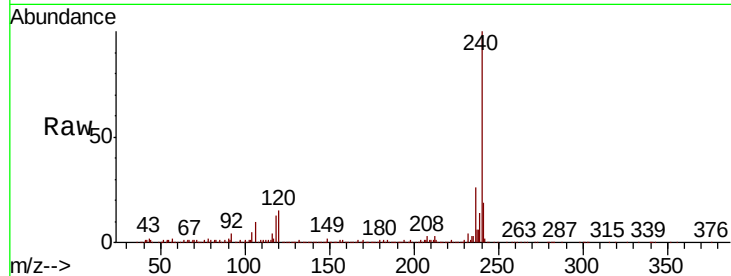




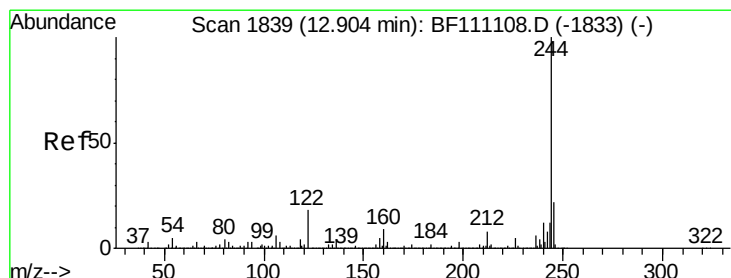
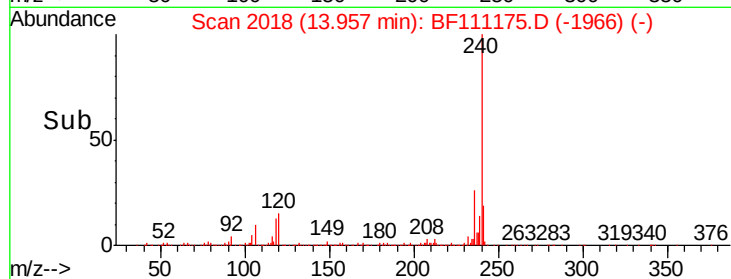
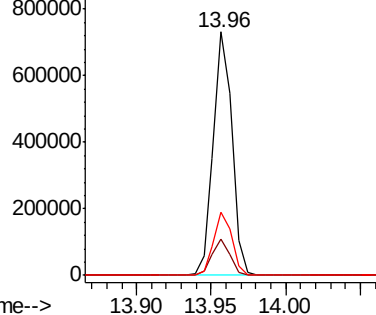
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 639420
Ion Ratio Lower Upper
240 100
120 14.9 12.8 19.2
236 25.9 21.1 31.7

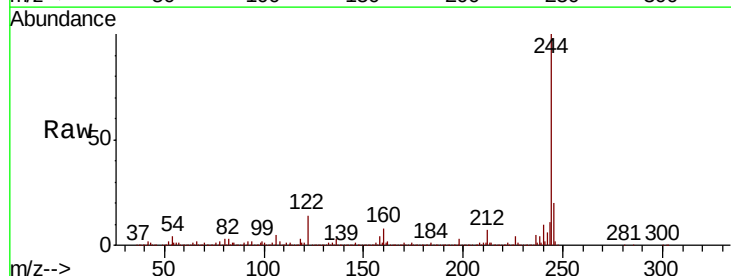


Abundance Ion 240.00 (239.70 to 240.70): E
1000000 Ion 120.00 (119.70 to 120.70): E
800000 Ion 236.00 (235.70 to 236.70): E

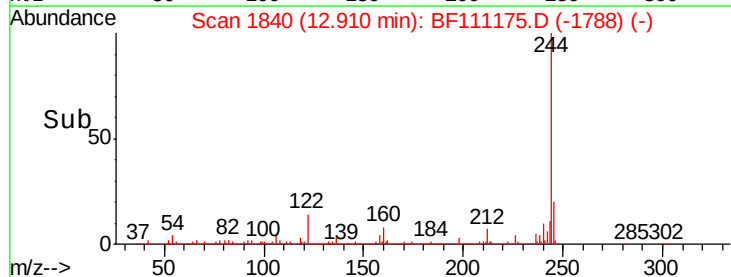
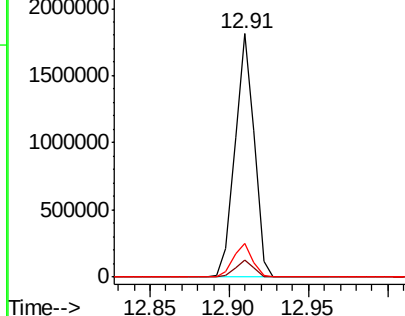


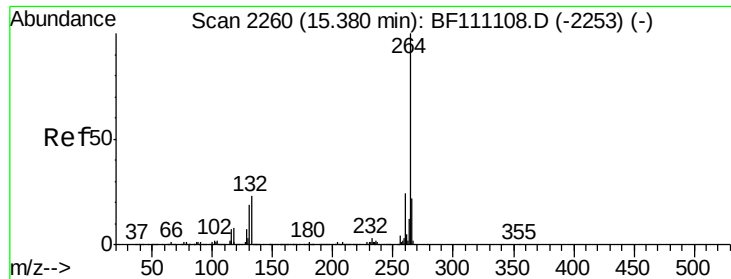
#79
Terphenyl-d14
Concen: 48.695 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Tgt Ion:244 Resp: 1520350
Ion Ratio Lower Upper
244 100
212 7.1 6.6 9.8
122 13.8 14.2 21.2#



Abundance Ion 244.00 (243.70 to 244.70): E
2500000 Ion 212.00 (211.70 to 212.70): E
2000000 Ion 122.00 (121.70 to 122.70): E

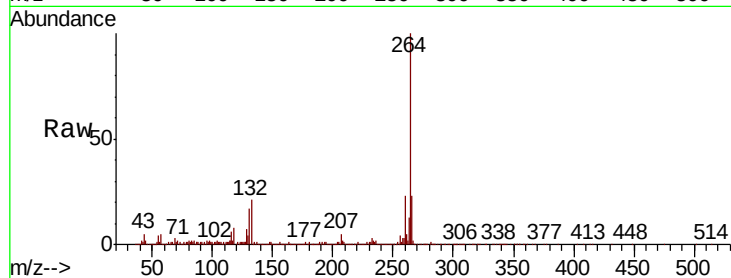




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	22.9	17.4	26.0



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

