

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111311.D
 Acq On : 12 Dec 2018 8:08
 Operator : JU/SJ
 Sample : J6328-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 09:45:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

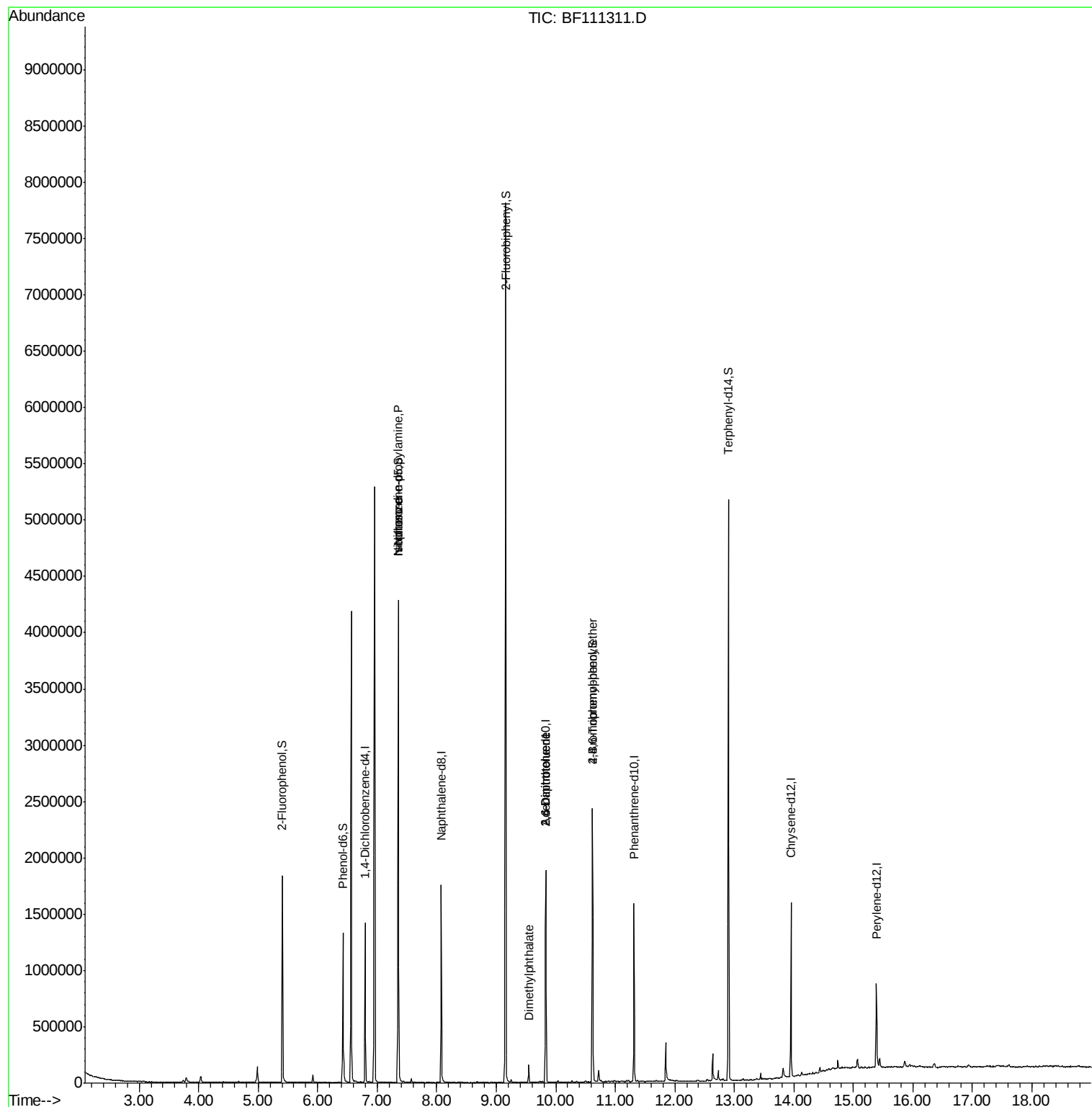
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	209035	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	831839	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	347451	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	515241	20.00	ng	0.00
76) Chrysene-d12	13.95	240	475255	20.00	ng	0.00
87) Perylene-d12	15.39	264	332360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	534180	40.35	ng	0.00
7) Phenol-d6	6.42	99	403401	24.52	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1335327	90.04	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	235882	76.64	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	2210155	130.30	ng	0.00
79) Terphenyl-d14	12.90	244	1614816	81.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	1070	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	174333	15.819 ng	#	1
25) Isophorone	7.36	82	1317174	52.145 ng	#	79
46) 1,1'-Biphenyl	9.26	154	6144	Below Cal		64
50) Dimethylphthalate	9.55	163	54969	2.144 ng		90
51) 2,6-Dinitrotoluene	9.83	165	45767	8.084 ng	#	97
57) 2,4-Dinitrotoluene	9.83	165	45767	6.557 ng	#	29
67) 4-Bromophenyl-phenylether	10.62	248	15035	2.664 ng	#	25
						1

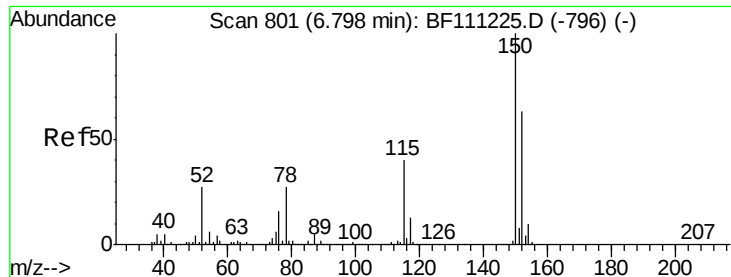
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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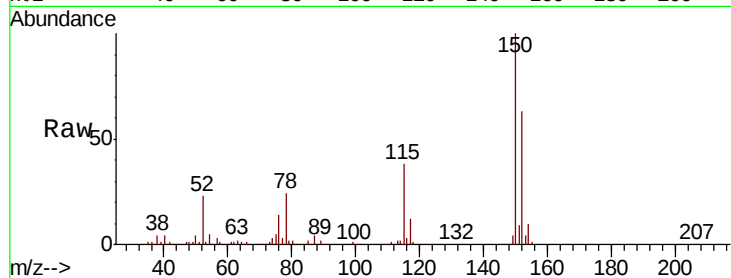


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.6	189.8
115	60.9	50.7	76.1

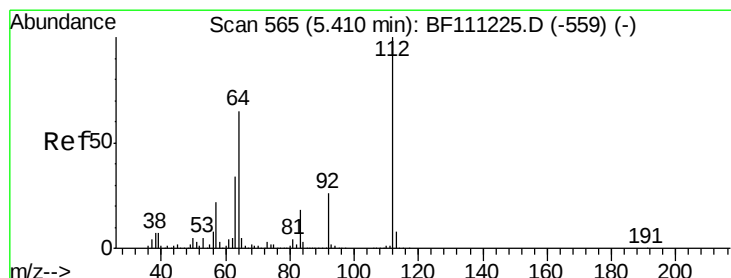
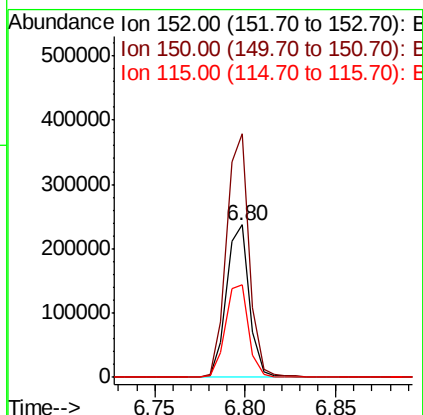
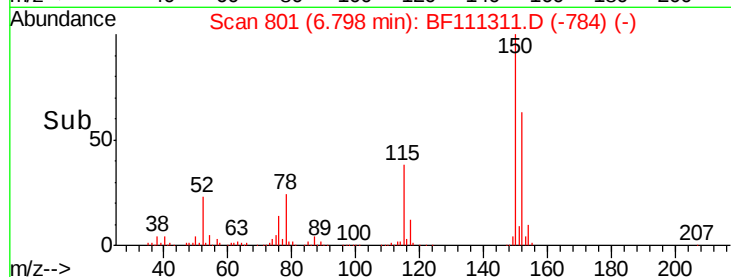


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

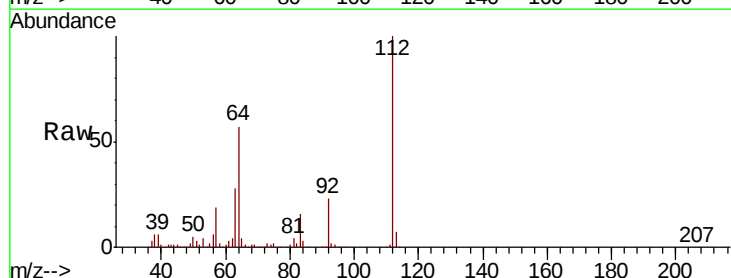
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.352 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	51.8	77.6
63	28.3	26.8	40.2

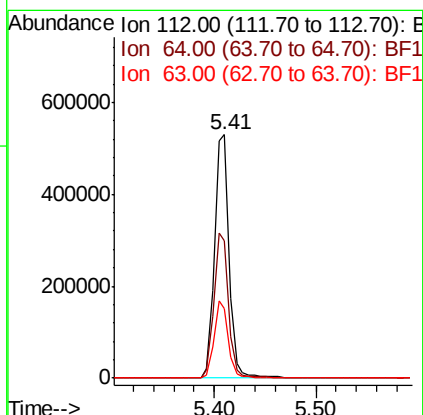
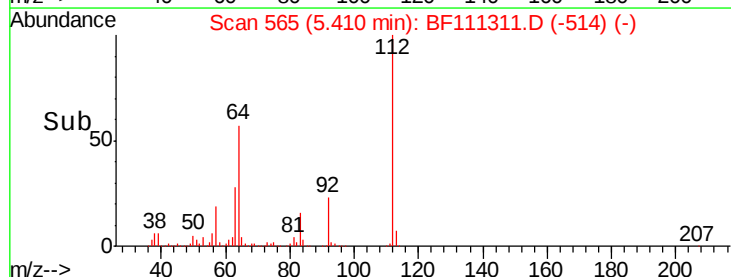


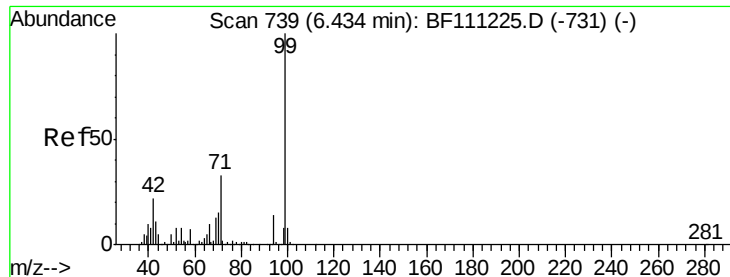
Abundance

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: 24.521 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111311.D

Acq: 12 Dec 2018 8:08

Instrument :

BNA_F

ClientSampleId :

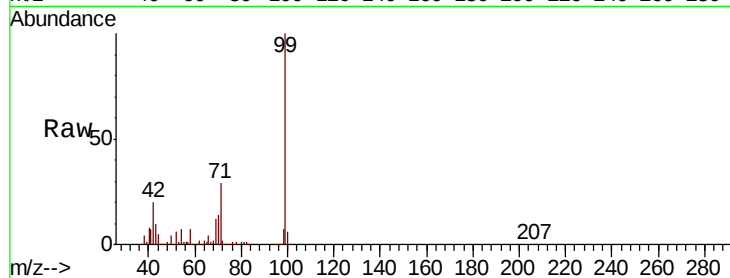
Tot Ion: 99 Resp: 403401

Ion Ratio Lower Upper

99 100

42 19.8 17.4 26.0

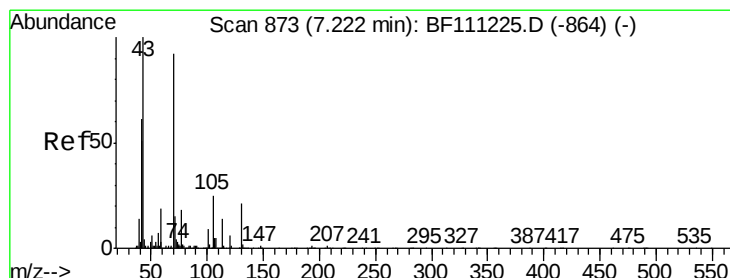
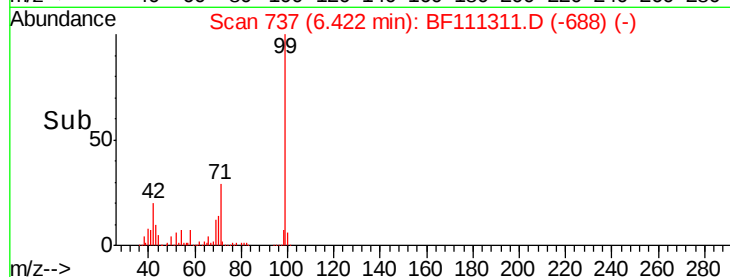
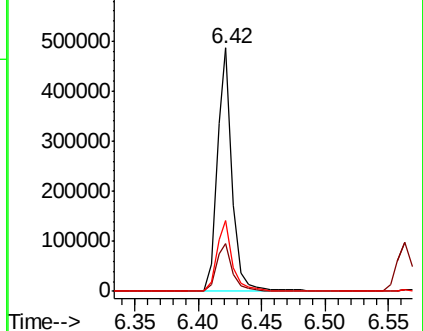
71 28.9 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.819 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF111311.D

Acq: 12 Dec 2018 8:08

Tgt Ion: 70 Resp: 174333

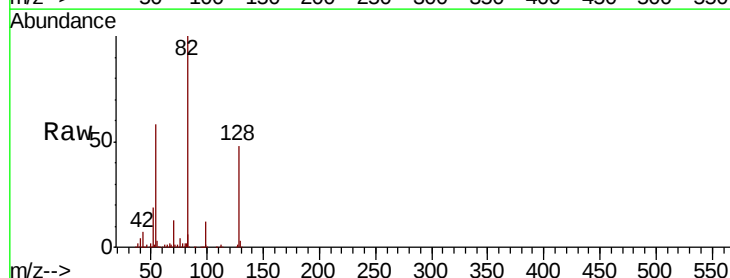
Ion Ratio Lower Upper

70 100

42 56.7 53.2 79.8

101 0.0 8.2 12.4#

130 2.0 18.1 27.1#

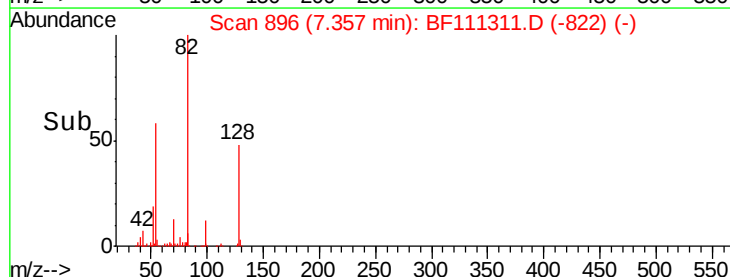
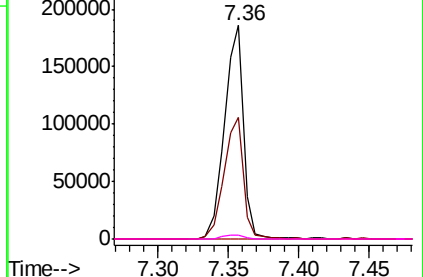


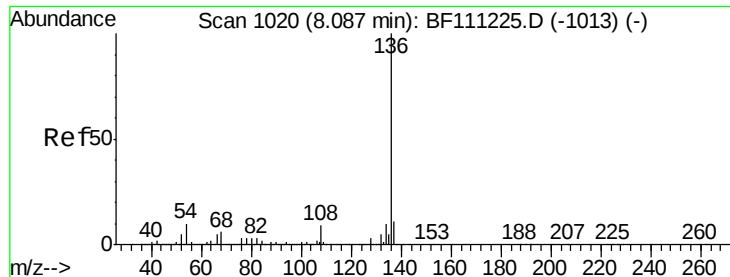
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

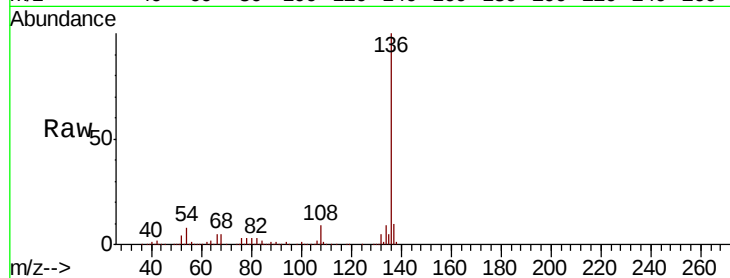




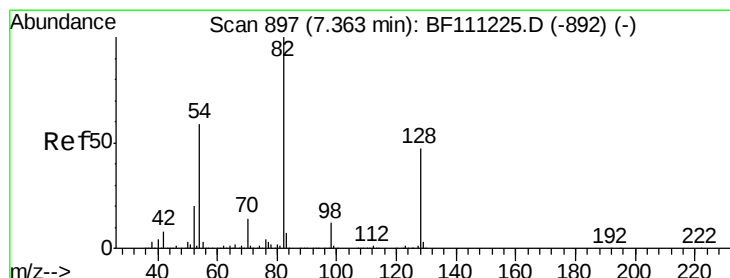
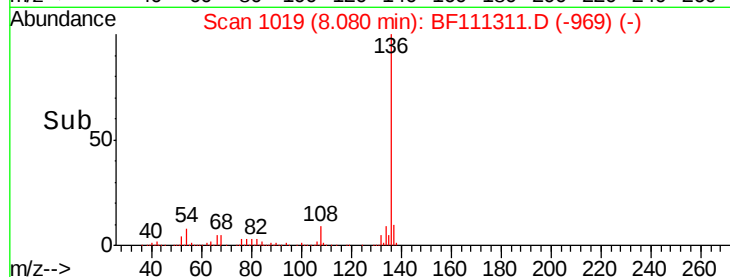
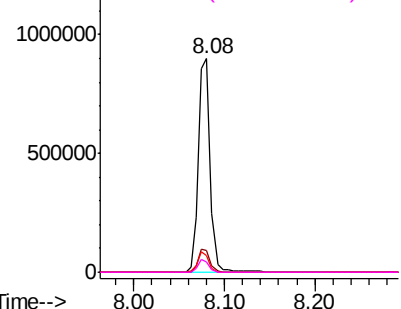
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	831839
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.1 13.7
54	8.1	7.7 11.5
68	5.0	4.9 7.3

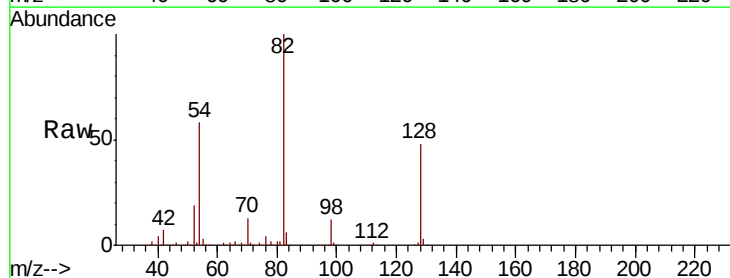


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

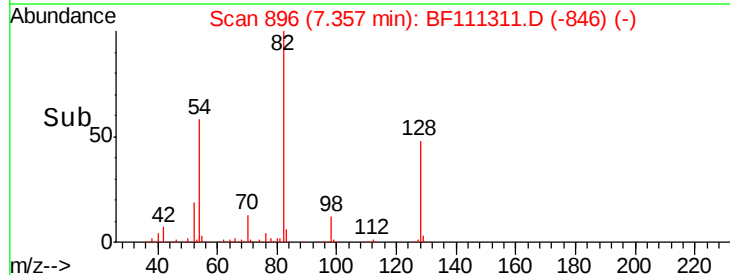
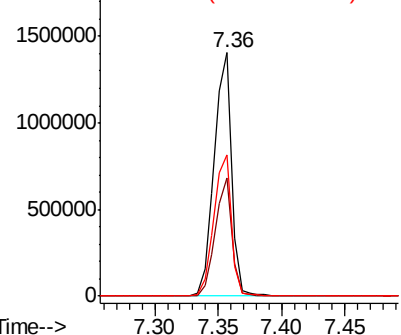


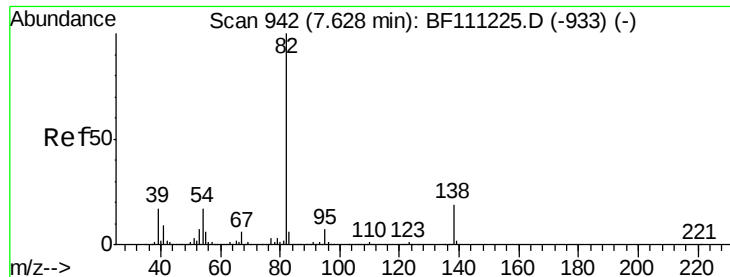
#23
Nitrobenzene-d5
Concen: 90.037 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion: 82	Resp:	1335327
Ion Ratio	Lower	Upper
82	100	
128	48.5	37.4 56.2
54	58.0	47.6 71.4



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





#25

Isophorone

Concen: 52.145 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF111311.D

Acq: 12 Dec 2018 8:08

Instrument :

BNA_F

ClientSampleId :

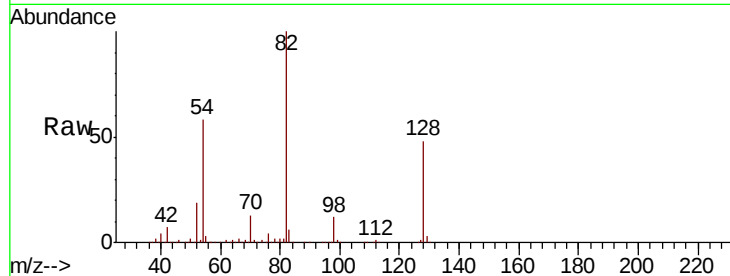
Tot Ion: 82 Resp: 1317174

Ion Ratio Lower Upper

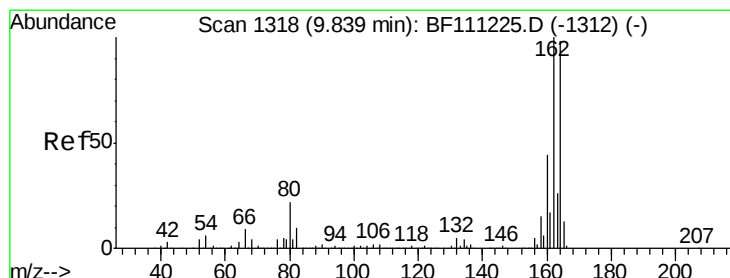
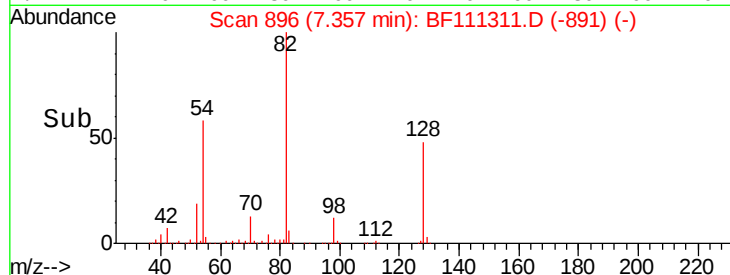
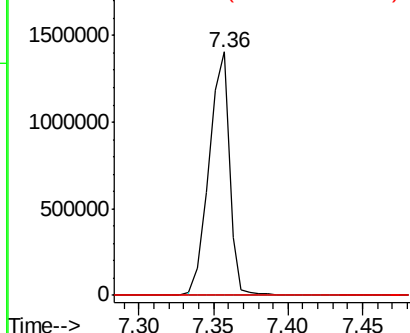
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF111311.D

Acq: 12 Dec 2018 8:08

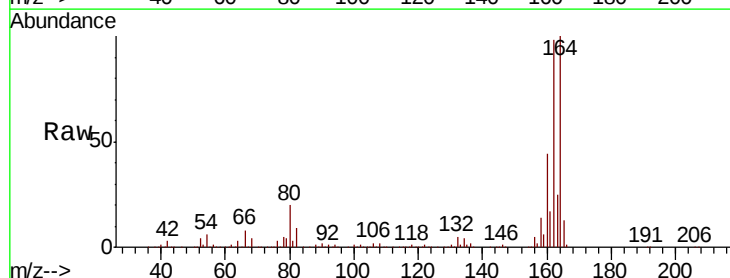
Tgt Ion:164 Resp: 347451

Ion Ratio Lower Upper

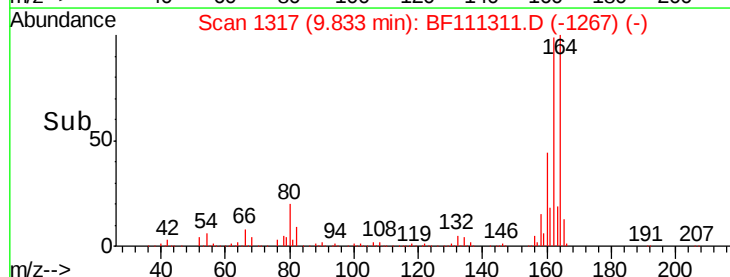
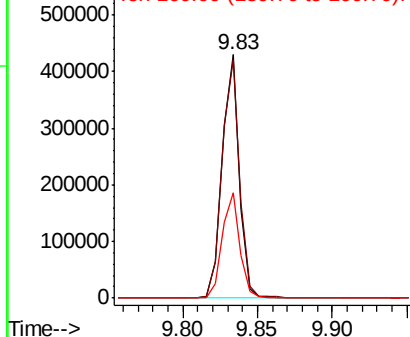
164 100

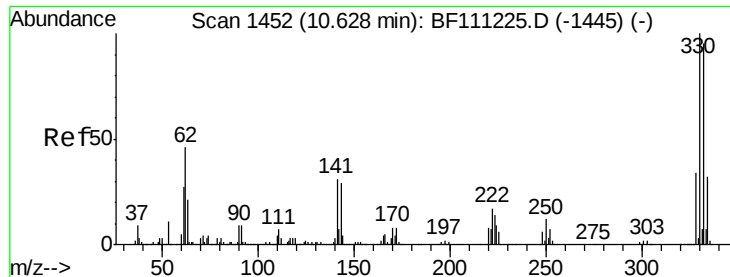
162 97.9 81.4 122.0

160 43.5 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

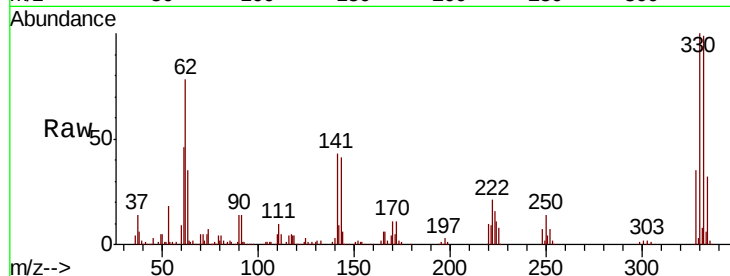




#42
 2,4,6-Tribromophenol
 Concen: 76.641 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111311.D
 Acq: 12 Dec 2018 8:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	39.2	31.0	46.6

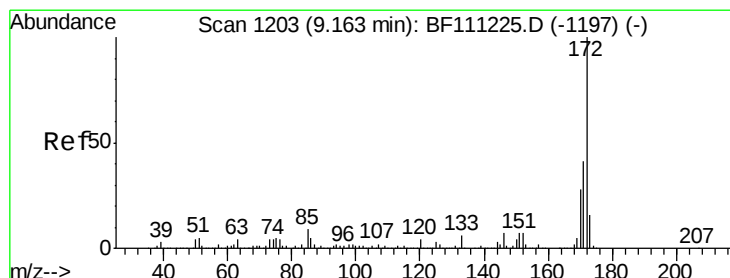
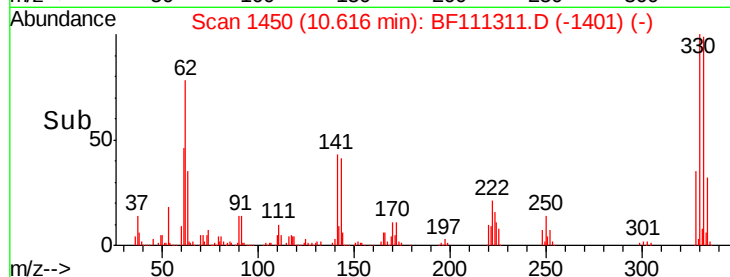
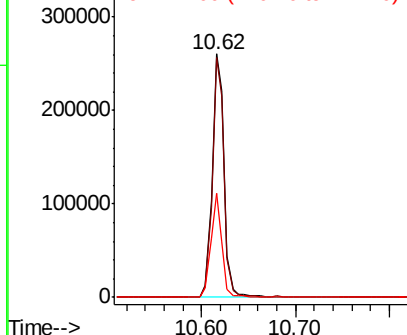


Abundance

Ion 329.80 (329.50 to 330.50): E

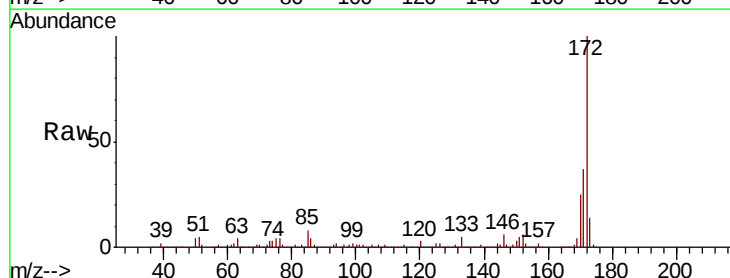
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 130.303 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF111311.D
 Acq: 12 Dec 2018 8:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	33.0	49.4
170	24.9	22.3	33.5

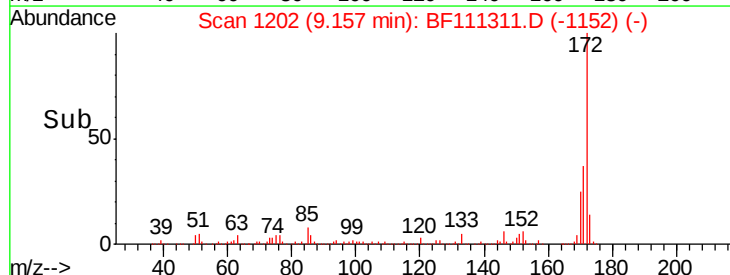
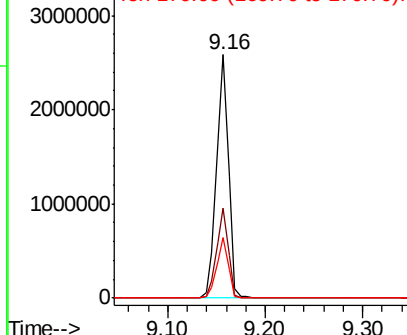


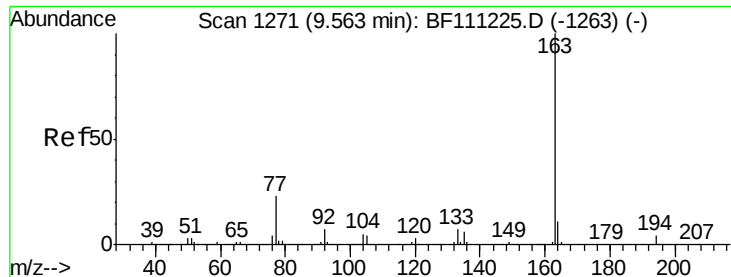
Abundance

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

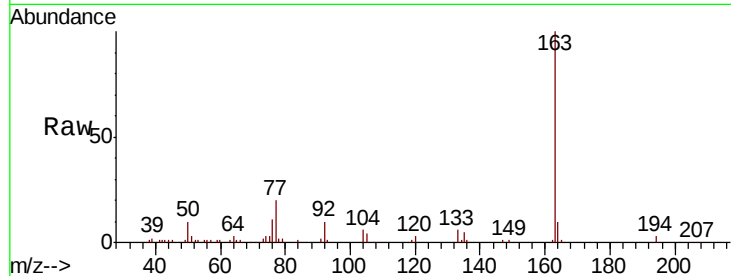




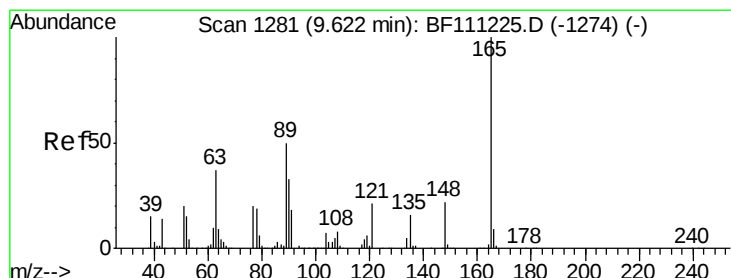
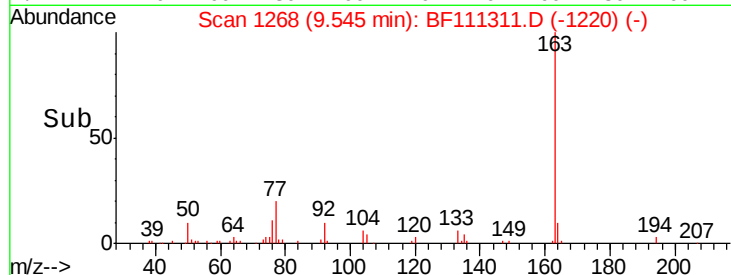
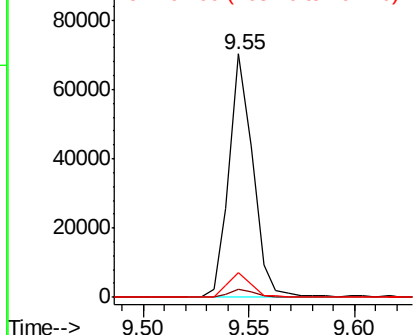
#50
Dimethylphthalate
Concen: 2.144 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.6
164	10.1	8.9	13.3

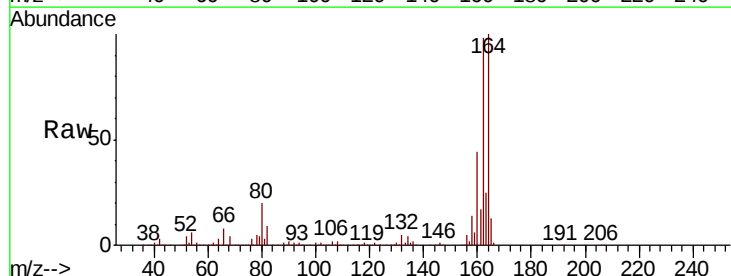


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

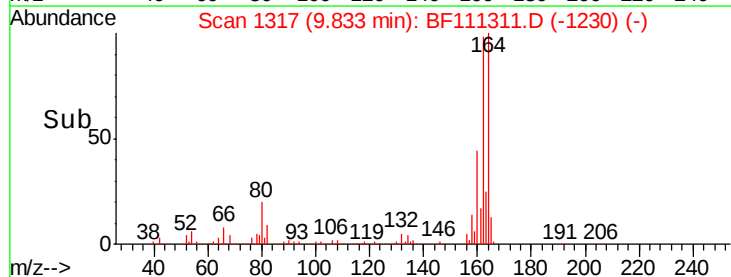
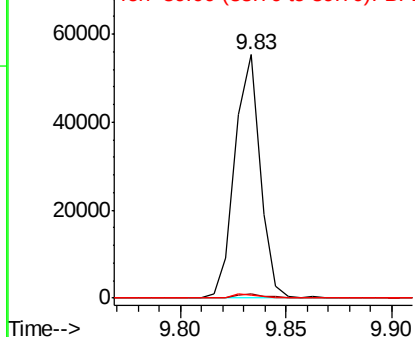


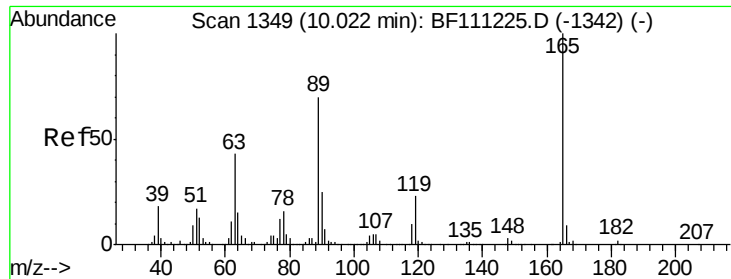
#51
2,6-Dinitrotoluene
Concen: 8.084 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.5	60.7#
89	1.1	40.0	60.0#



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

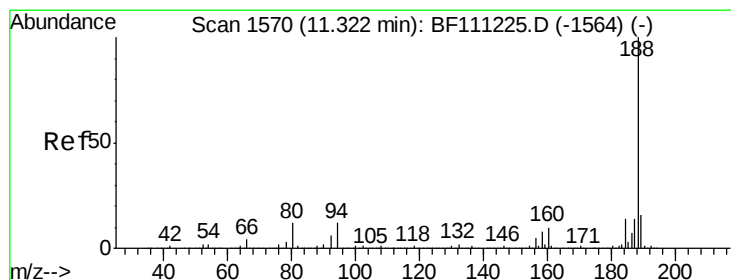
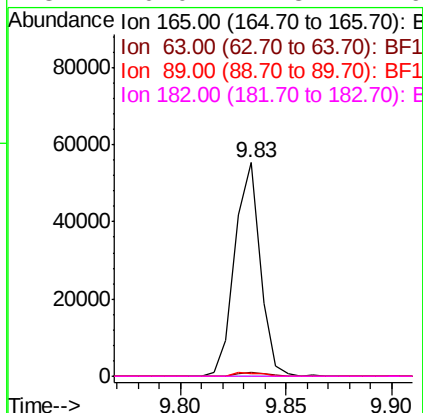
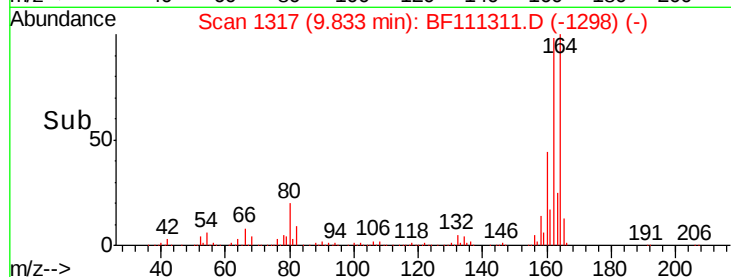
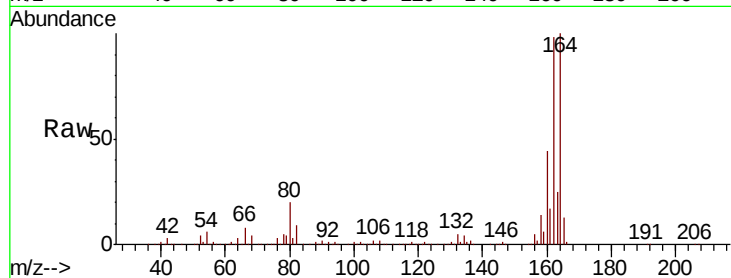




#57
 2,4-Dinitrotoluene
 Concen: 6.557 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF111311.D
 Acq: 12 Dec 2018 8:08

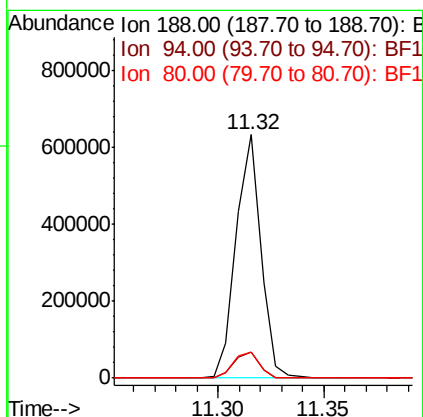
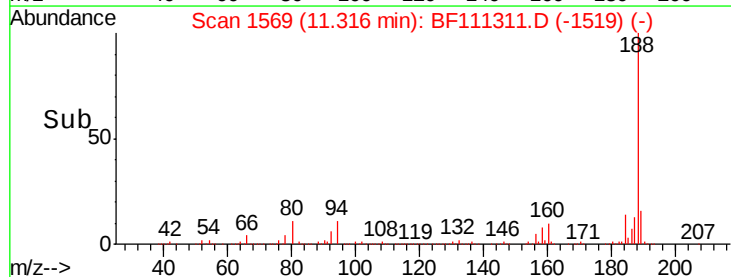
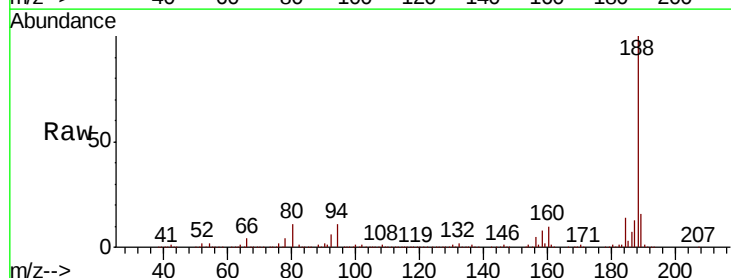
Instrument :
 BNA_F
 ClientSampleId :

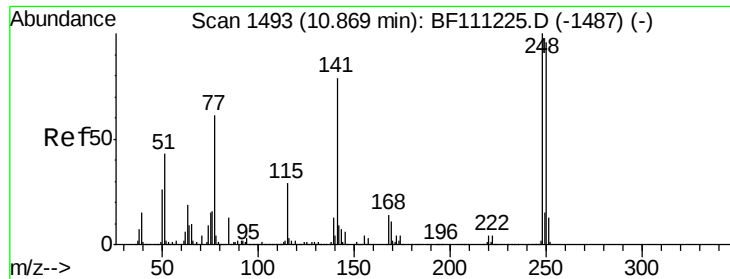
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF111311.D
 Acq: 12 Dec 2018 8:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.6	14.4
80	10.9	9.8	14.6

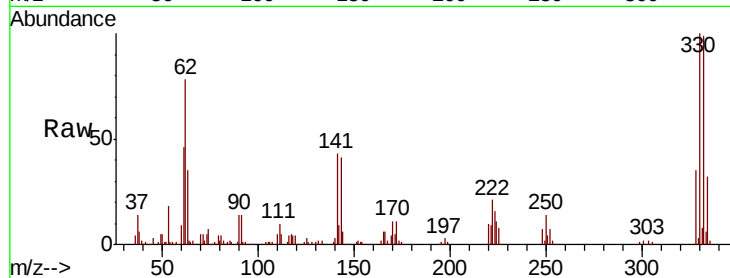




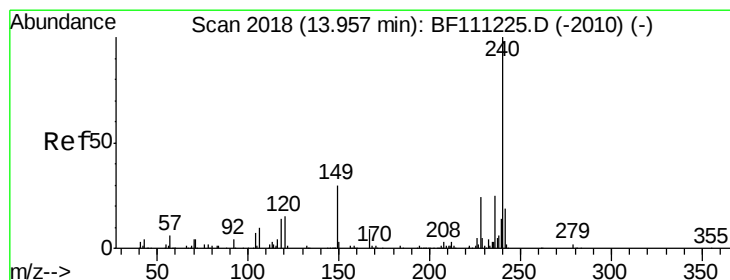
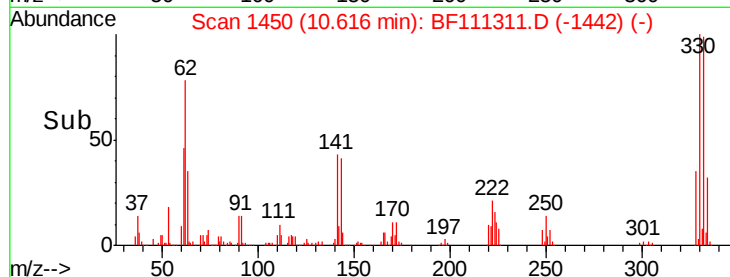
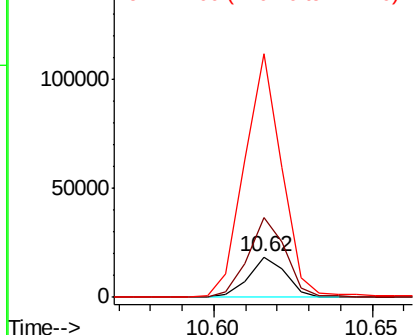
#67
4-Bromophenyl-phenylether
Concen: 2.664 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15035
Ion Ratio Lower Upper
248 100
250 195.2 77.0 115.4#
141 600.0 63.0 94.6#

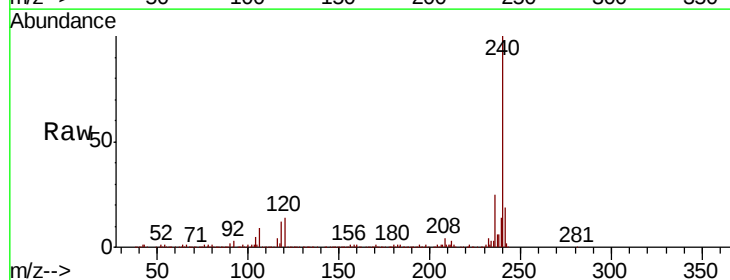


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

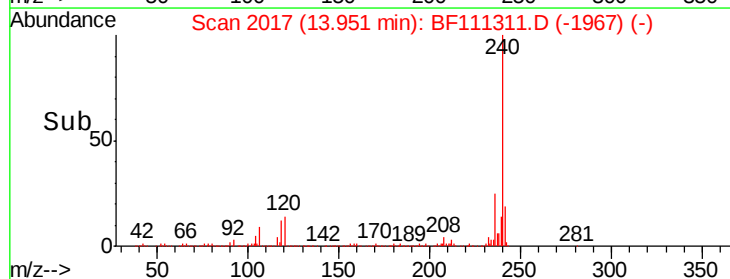
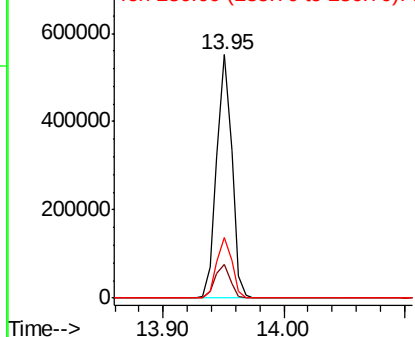


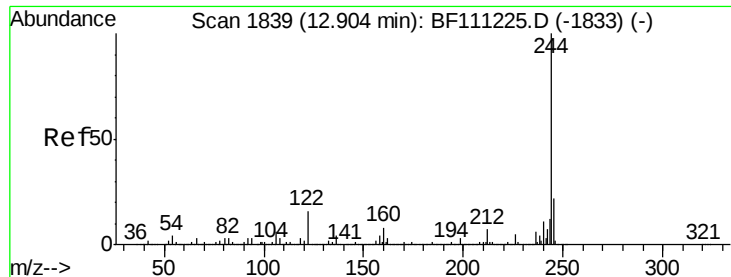
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion:240 Resp: 475255
Ion Ratio Lower Upper
240 100
120 14.0 12.2 18.2
236 24.9 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: 81.501 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111311.D

Acq: 12 Dec 2018 8:08

Instrument :

BNA_F

ClientSampled :

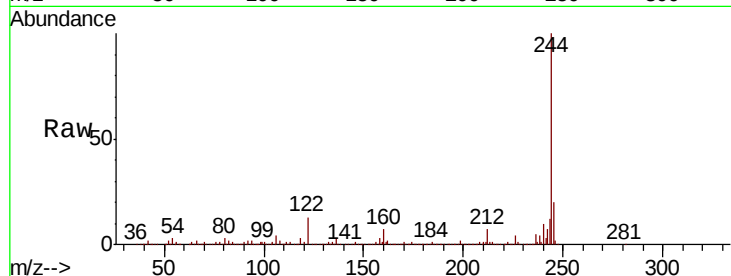
Tot Ion:244 Resp: 1614816

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

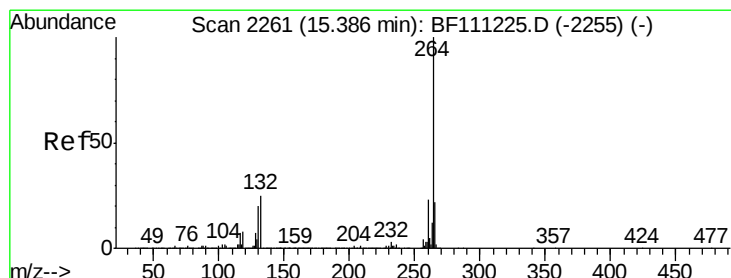
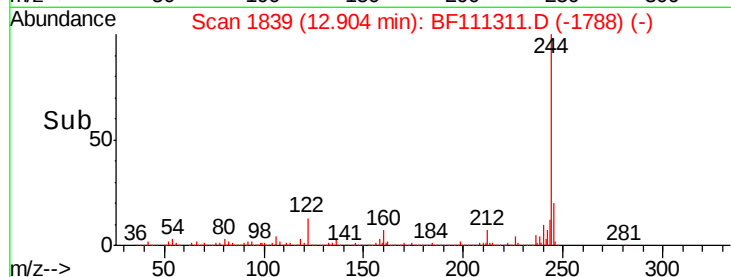
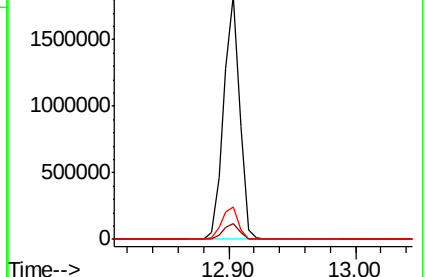
122 13.5 13.1 19.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111311.D

Acq: 12 Dec 2018 8:08

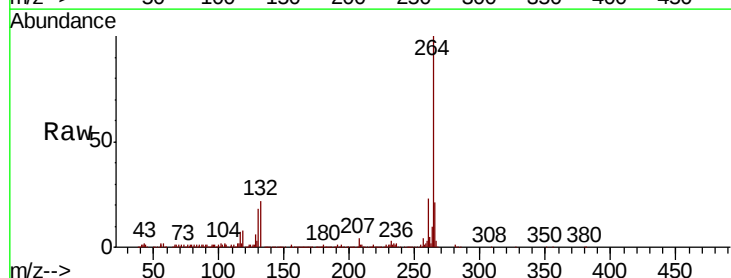
Tgt Ion:264 Resp: 332360

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.1 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

