

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111142.D
 Acq On : 6 Dec 2018 17:10
 Operator : JU/SJ
 Sample : J6233-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 18:18:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

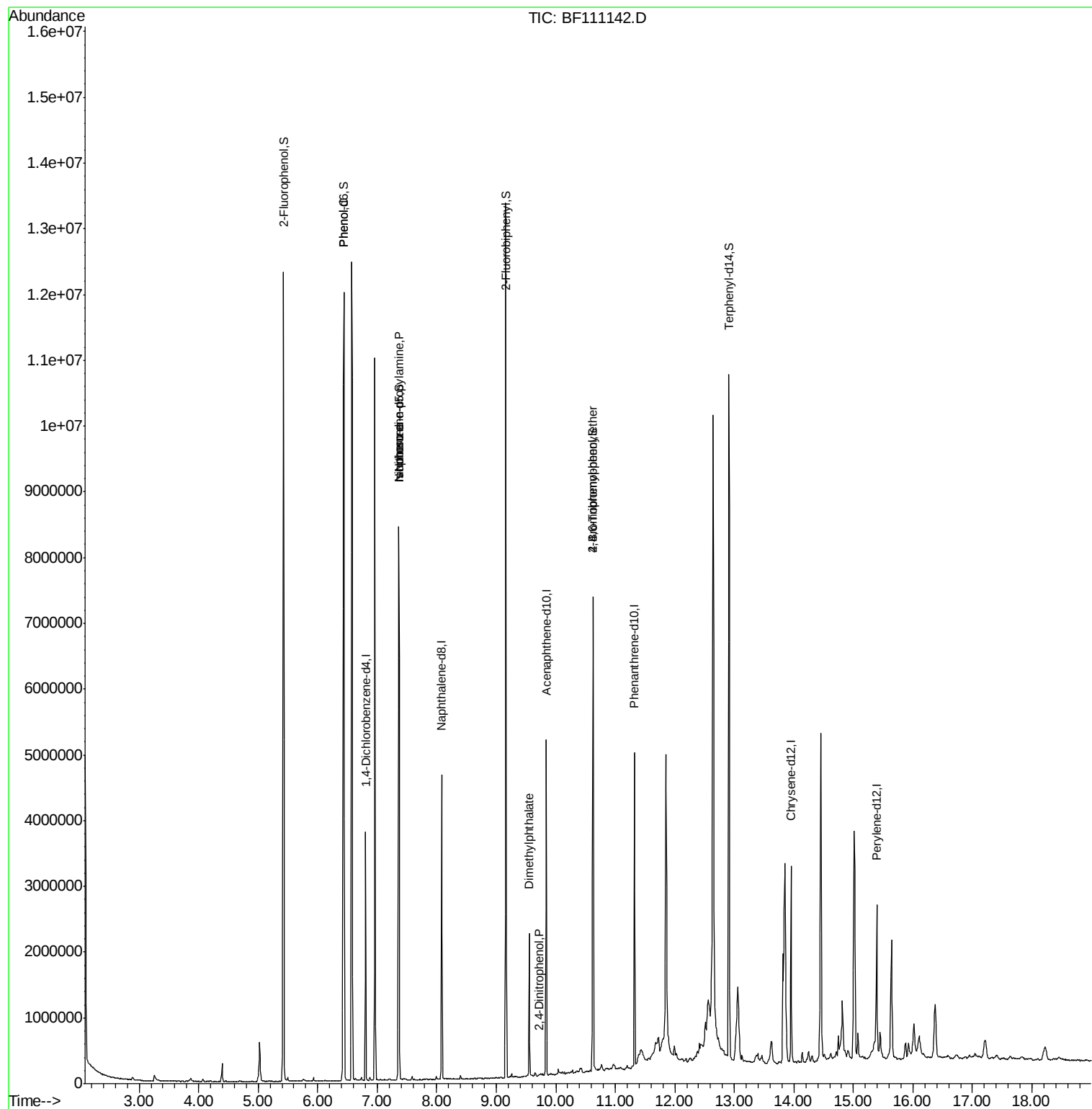
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	482398	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1902714	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	900138	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1527720	20.00	ng	0.00
76) Chrysene-d12	13.96	240	939508	20.00	ng	-0.01
87) Perylene-d12	15.39	264	886483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3382387	109.41	ng	0.01
7) Phenol-d6	6.44	99	4209713	105.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	2765290	86.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	753569	105.32	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4225865	87.29	ng	0.00
79) Terphenyl-d14	12.91	244	3378481	73.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	11088	Below Cal	Qvalue	# 1
10) Phenol	6.45	94	327895	7.552	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	381472	14.254	ng	# 76
25) Isophorone	7.36	82	2753615	46.686	ng	# 65
50) Dimethylphthalate	9.56	163	806776	12.878	ng	97
54) 2,4-Dinitrophenol	9.72	184	125	6.631	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	49944	3.088	ng	# 1
77) Benzidine	12.64	184	2011	Below Cal	Qvalue	# 1

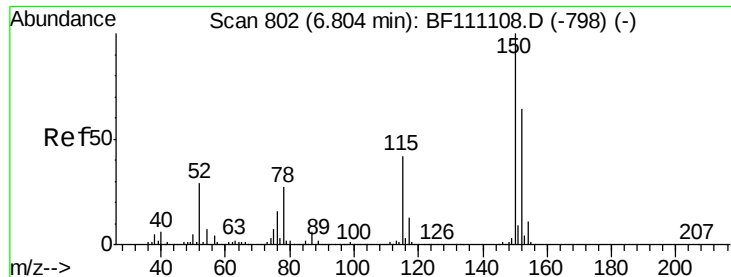
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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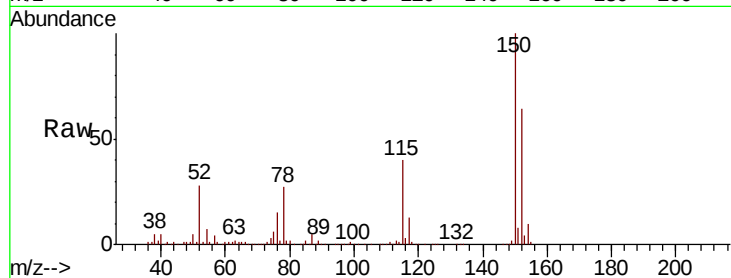


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	187.0
115	62.7	52.2	78.2

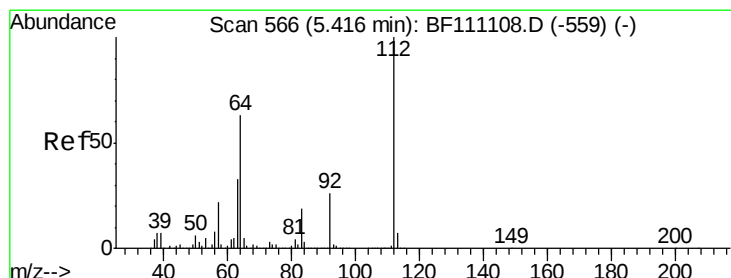
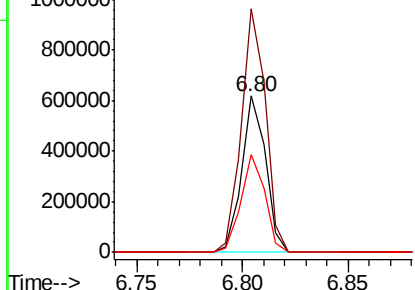
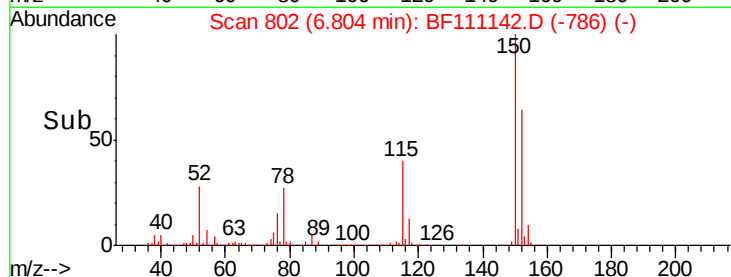


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

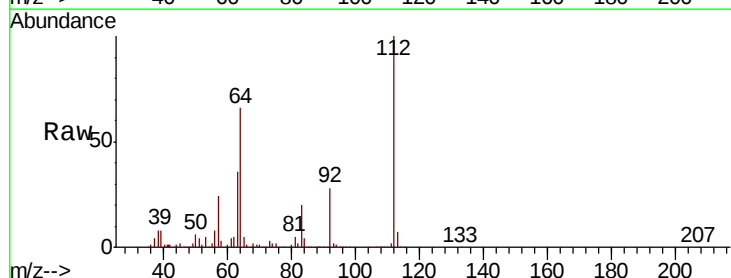
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.413 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	50.2	75.4
63	35.9	26.6	39.8

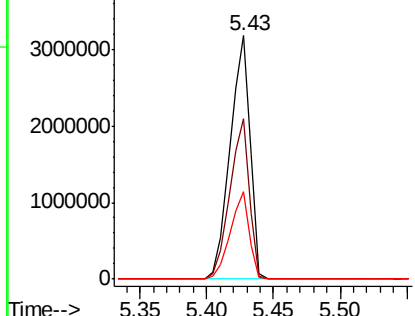
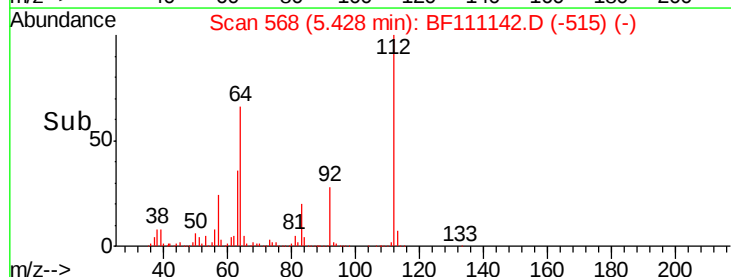


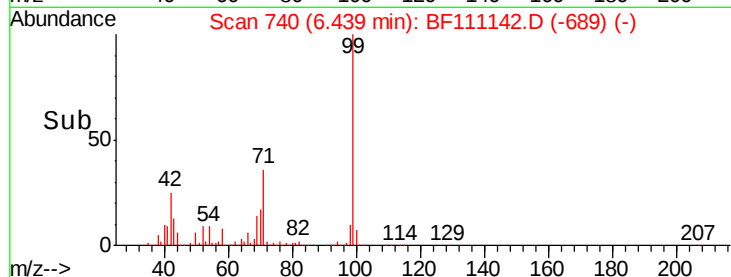
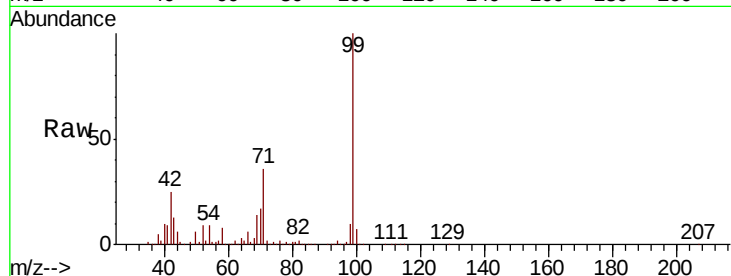
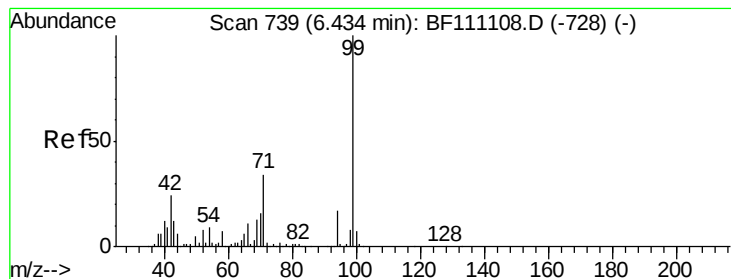
Abundance

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: 105.712 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111142.D

Acq: 6 Dec 2018 17:10

Instrument :

BNA_F

ClientSampled :

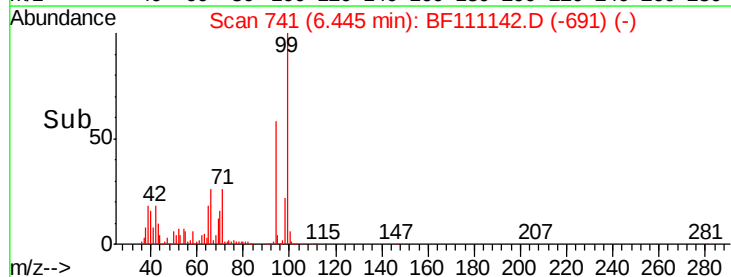
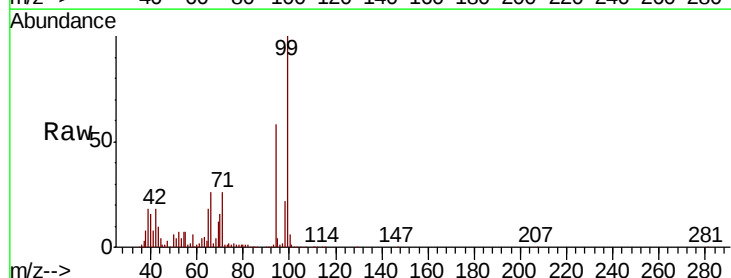
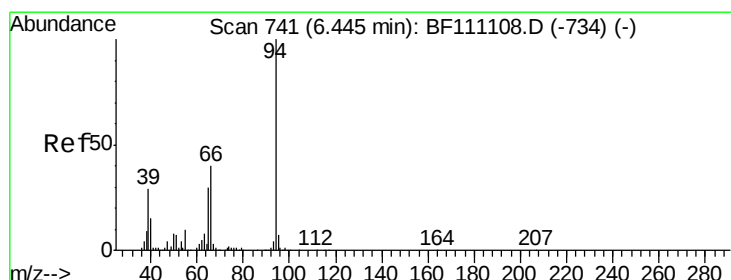
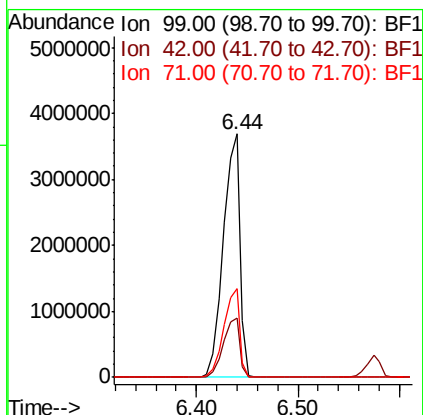
Tot Ion: 99 Resp: 4209713

Ion Ratio Lower Upper

99 100

42 24.6 19.3 28.9

71 36.3 27.4 41.2



#10

Phenol

Concen: 7.552 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111142.D

Acq: 6 Dec 2018 17:10

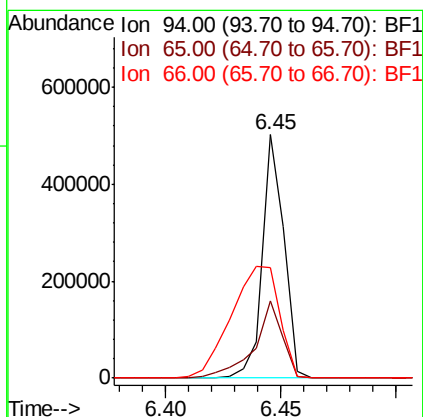
Tgt Ion: 94 Resp: 327895

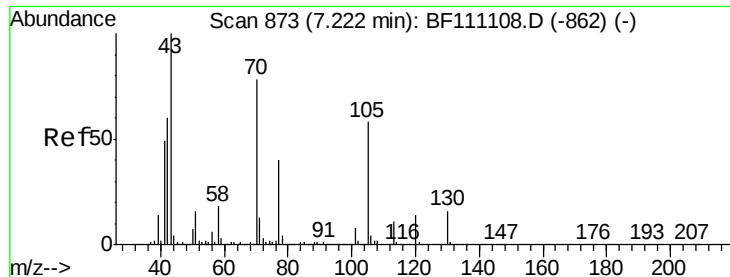
Ion Ratio Lower Upper

94 100

65 32.0 10.5 50.5

66 45.5 19.8 59.8

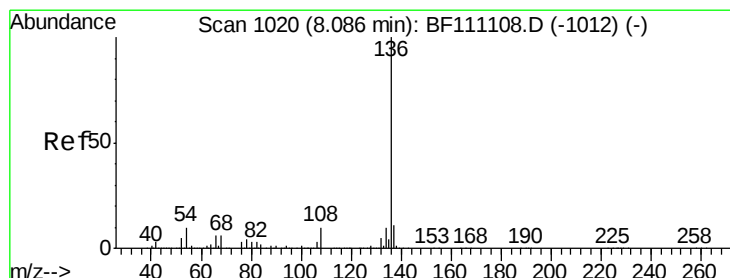
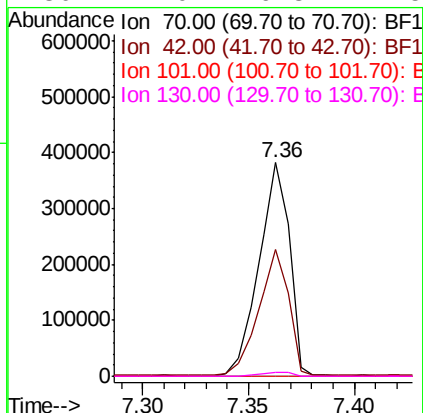
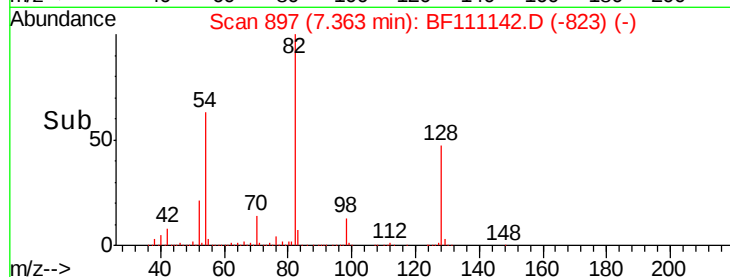
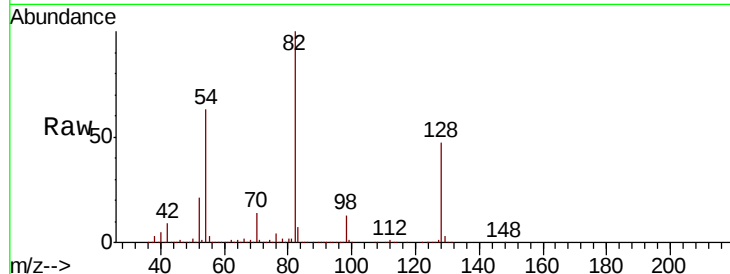




#19
n-Nitroso-di-n-propylamine
Concen: 14.254 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

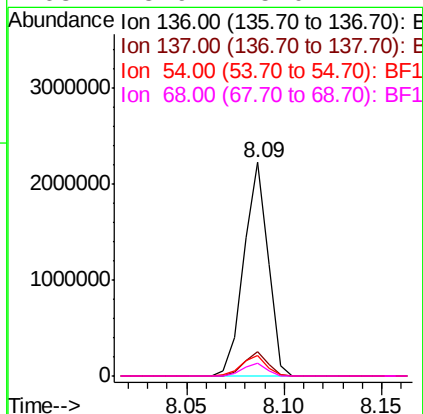
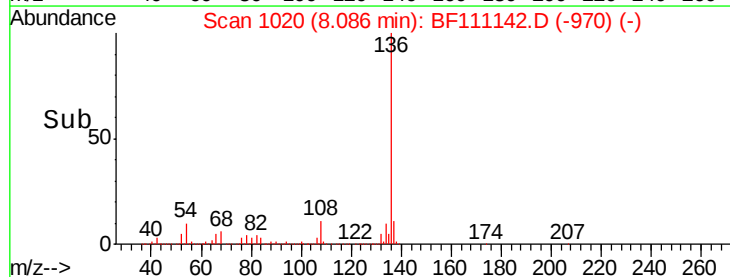
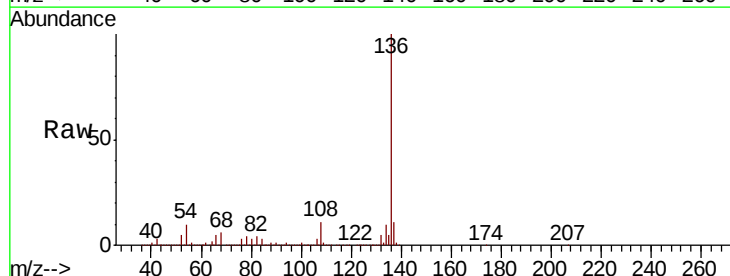
Instrument :
BNA_F
ClientSampled :

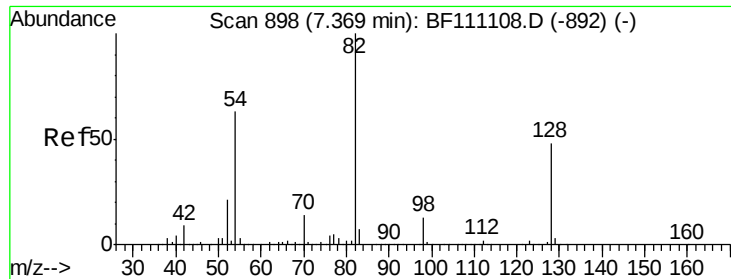
Tot Ion: 70 Resp: 381472
Ion Ratio Lower Upper
70 100
42 59.5 61.3 91.9#
101 0.0 7.7 11.5#
130 2.0 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

Tgt Ion: 136 Resp: 1902714
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.9 8.4 12.6
68 5.9 5.0 7.4

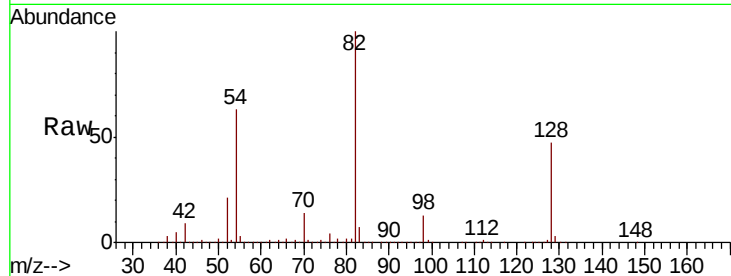




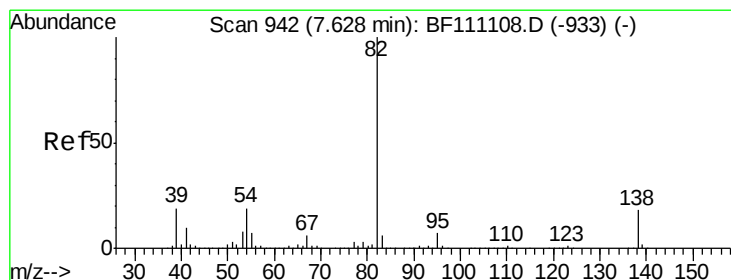
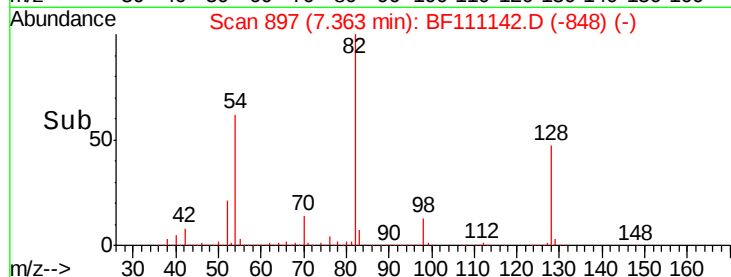
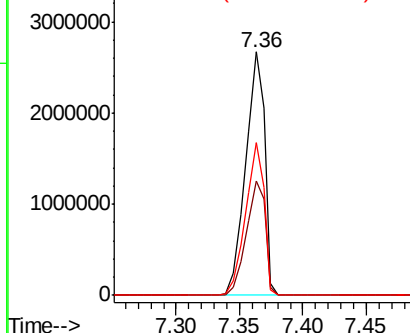
#23
Nitrobenzene-d5
Concen: 86.043 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2765290
Ion Ratio Lower Upper
82 100
128 46.7 38.1 57.1
54 62.5 50.3 75.5

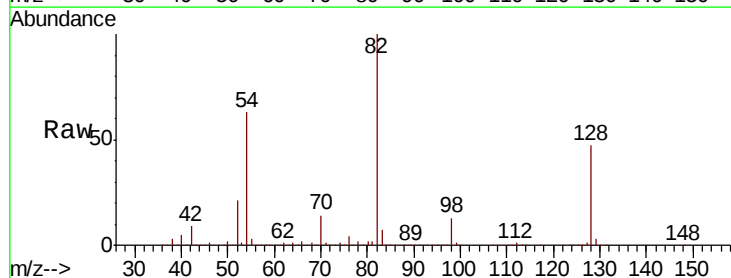


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

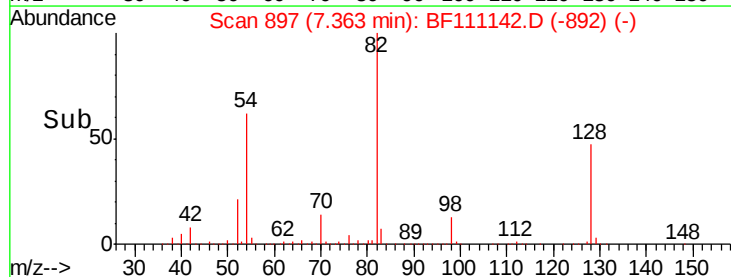
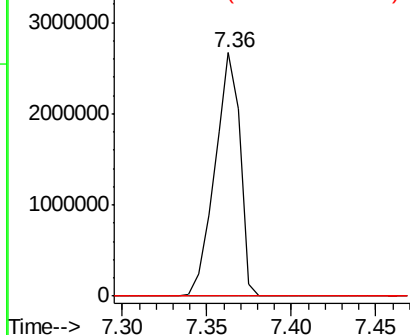


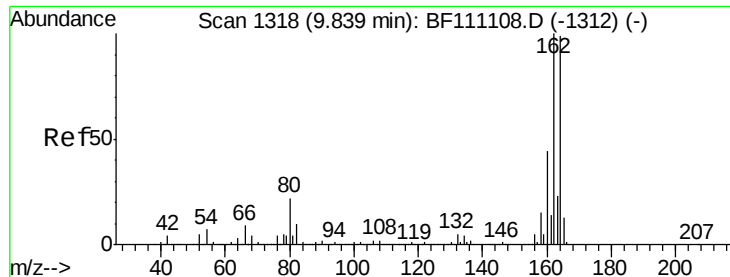
#25
Isophorone
Concen: 46.686 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.27 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

Tgt Ion: 82 Resp: 2753615
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.6 22.0#



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

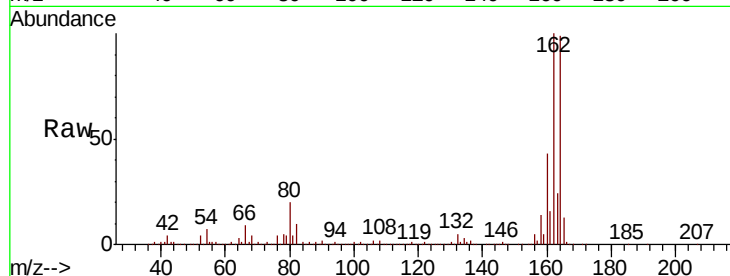




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF111142.D
 Acq: 6 Dec 2018 17:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	43.6	35.5	53.3

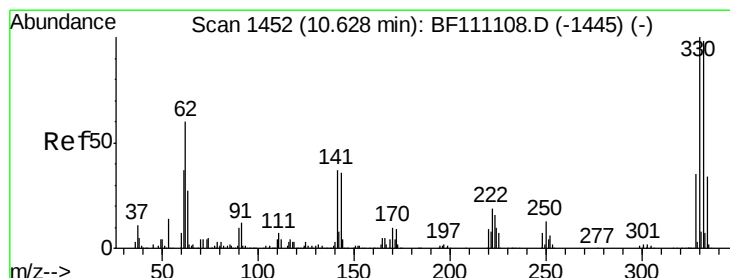
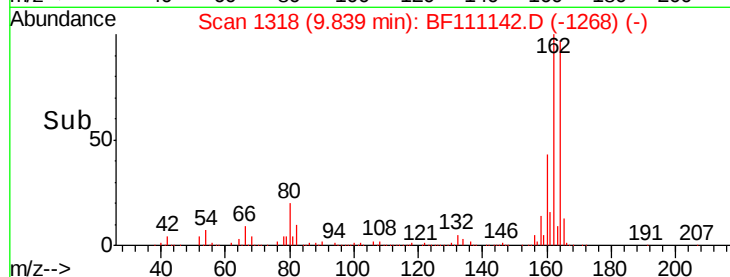
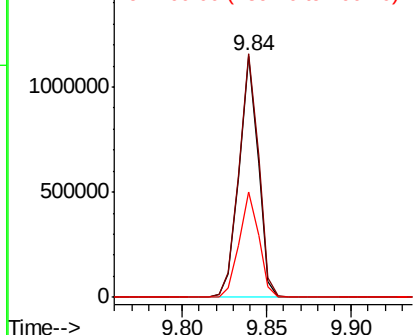


Abundance

Ion 164.00 (163.70 to 164.70): E

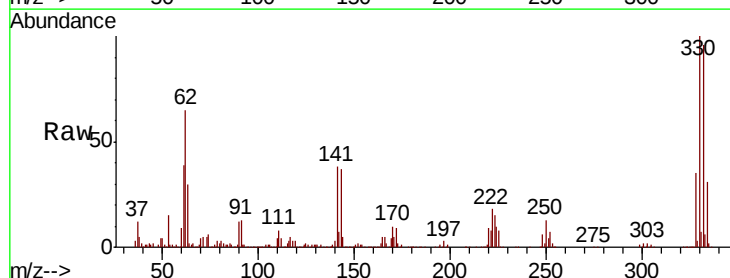
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 105.320 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF111142.D
 Acq: 6 Dec 2018 17:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	41.4	36.1	54.1

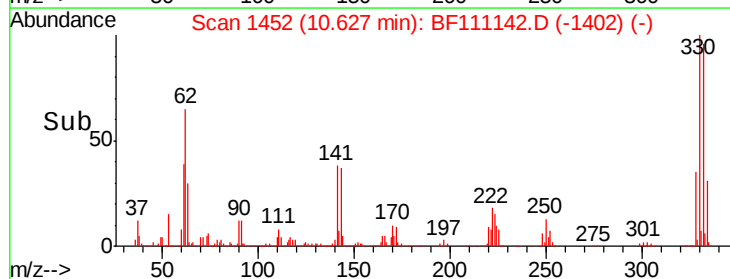
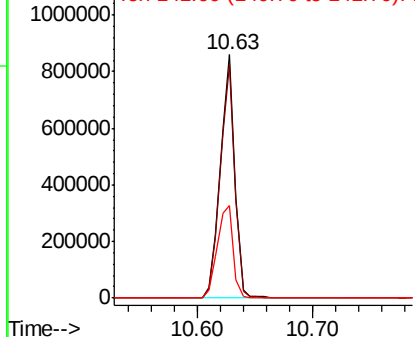


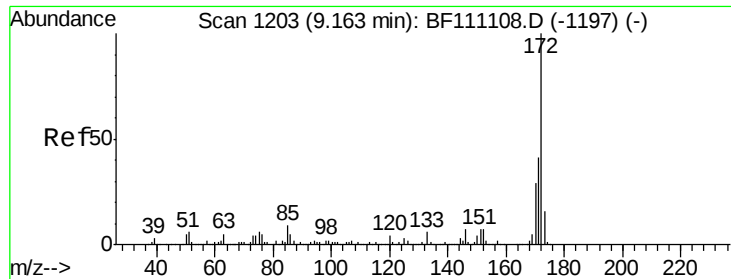
Abundance

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

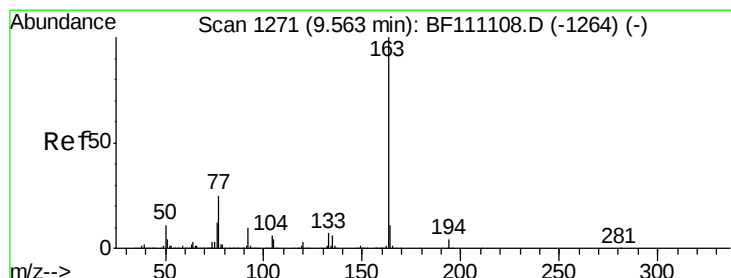
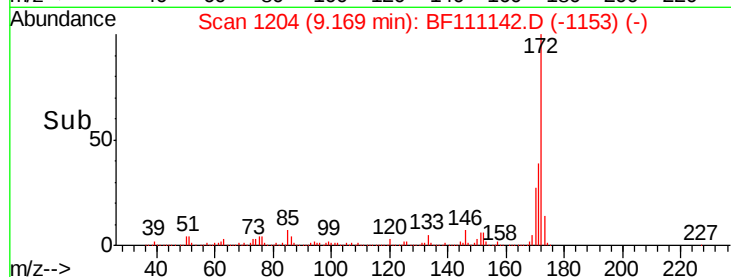
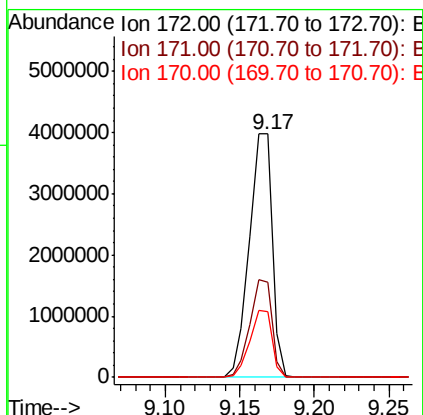
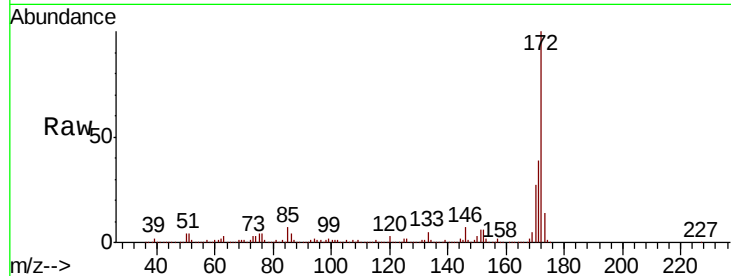




#45
2-Fluorobiphenyl
Concen: 87.289 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

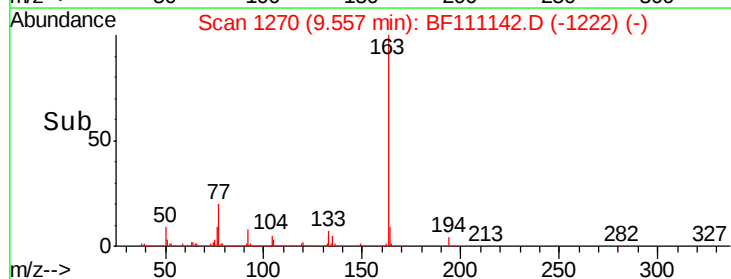
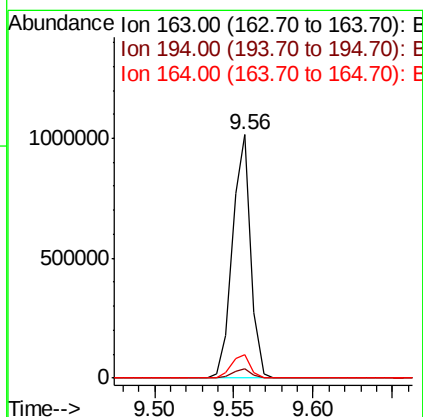
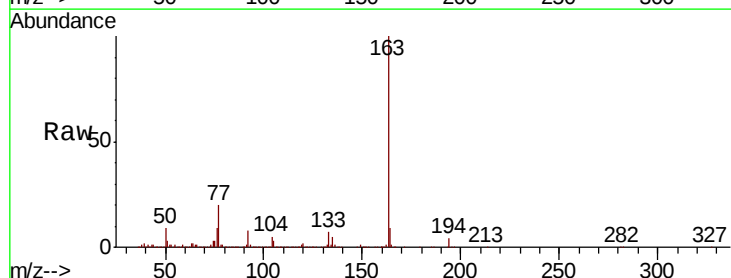
Instrument :
BNA_F
ClientSampleId :

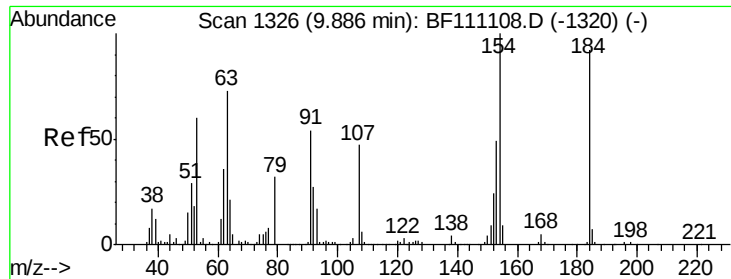
Tot Ion:172 Resp: 4225865
Ion Ratio Lower Upper
172 100
171 39.3 33.2 49.8
170 27.1 22.9 34.3



#50
Dimethylphthalate
Concen: 12.878 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

Tgt Ion:163 Resp: 806776
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.4 8.9 13.3

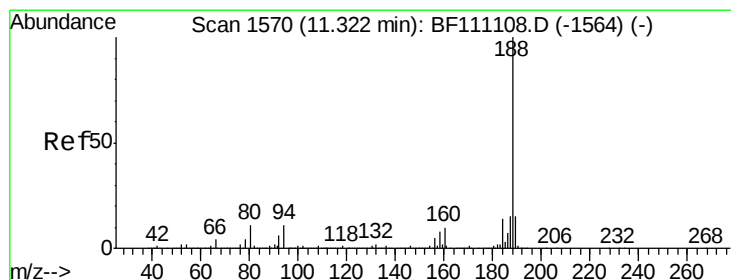
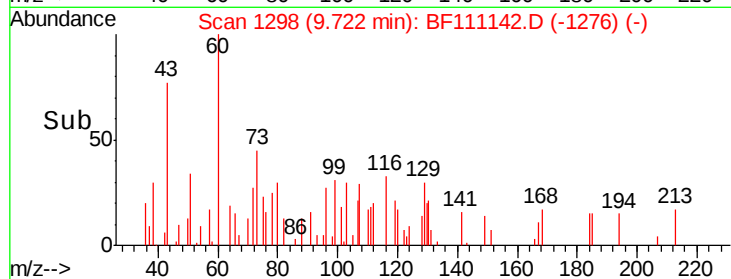
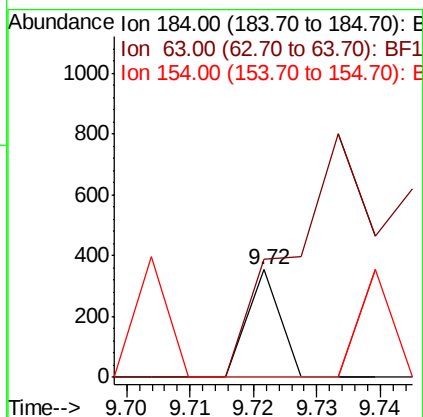
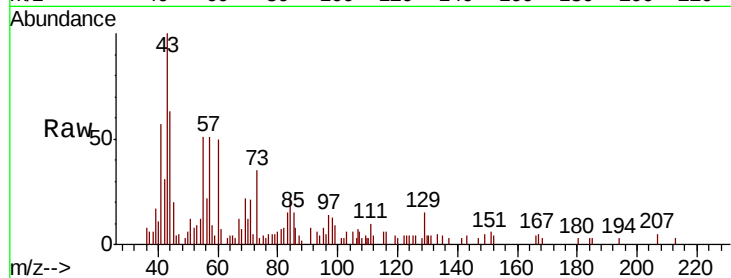




#54
2,4-Dinitrophenol
Concen: 6.631 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.17 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

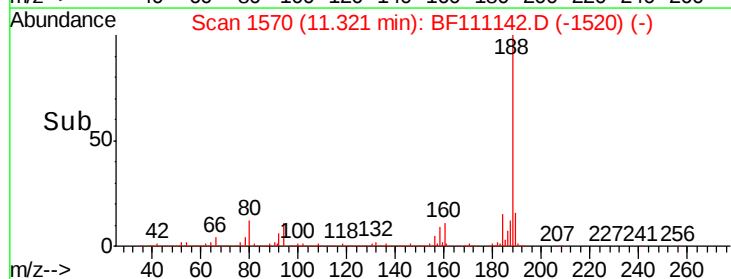
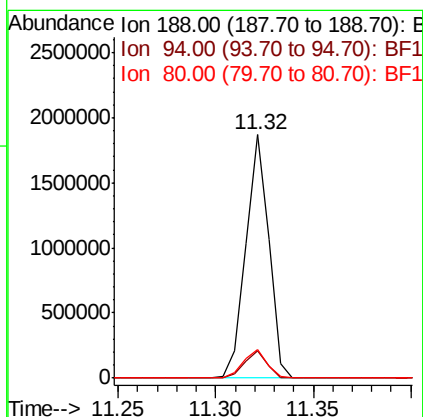
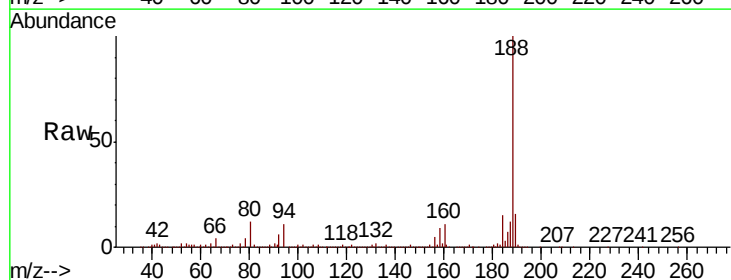
Instrument :
BNA_F
ClientSampled :

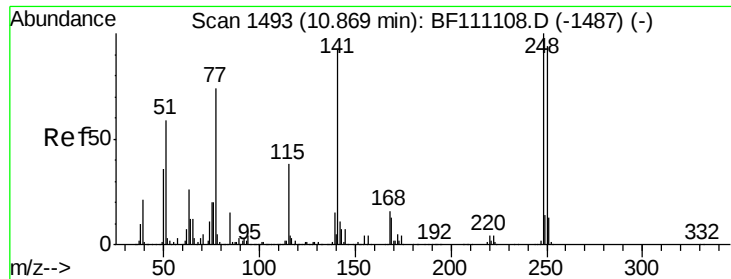
Tot Ion:184 Resp: 125
Ion Ratio Lower Upper
184 100
63 110.5 64.2 96.4#
154 0.0 89.5 134.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

Tgt Ion:188 Resp: 1527720
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.7 9.0 13.6

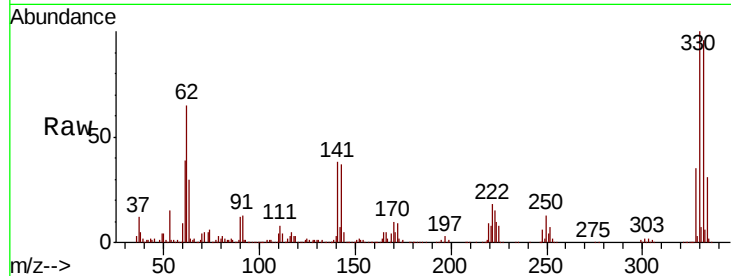




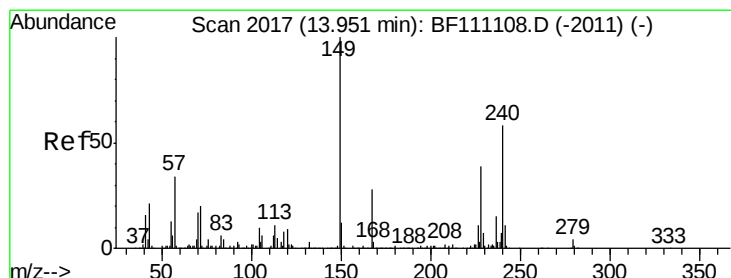
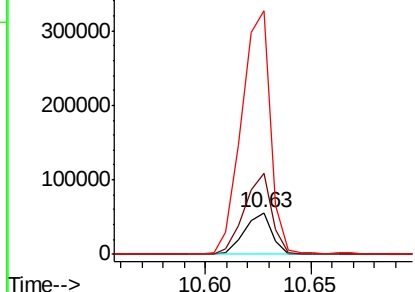
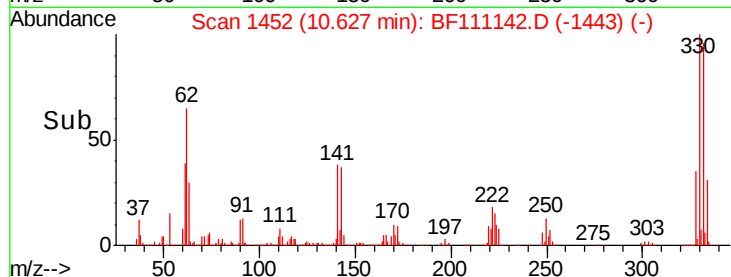
#67
4-Bromophenyl-phenylether
Concen: 3.088 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 49944
Ion Ratio Lower Upper
248 100
250 194.2 75.4 113.0#
141 585.0 73.8 110.6#

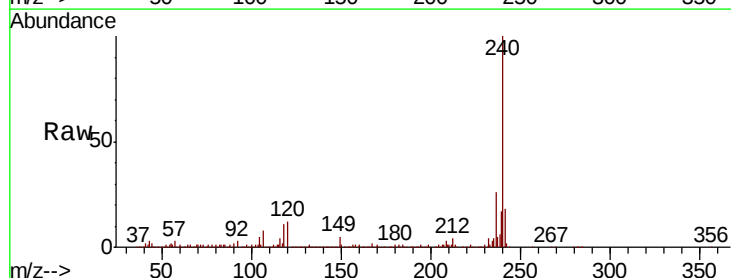


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

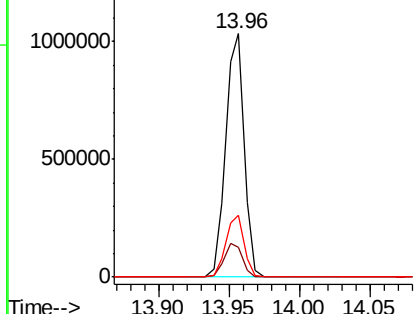
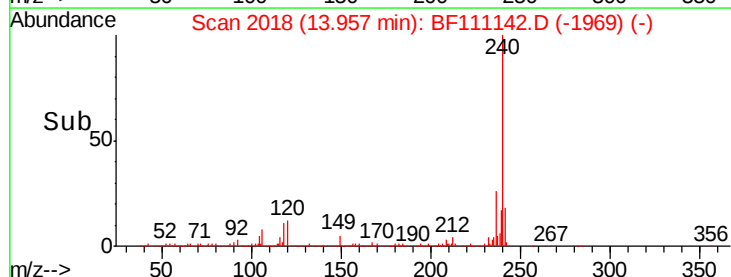


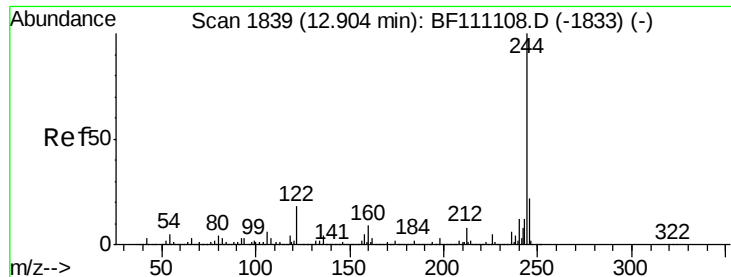
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF111142.D
Acq: 6 Dec 2018 17:10

Tgt Ion:240 Resp: 939508
Ion Ratio Lower Upper
240 100
120 12.1 12.8 19.2#
236 25.5 21.1 31.7



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

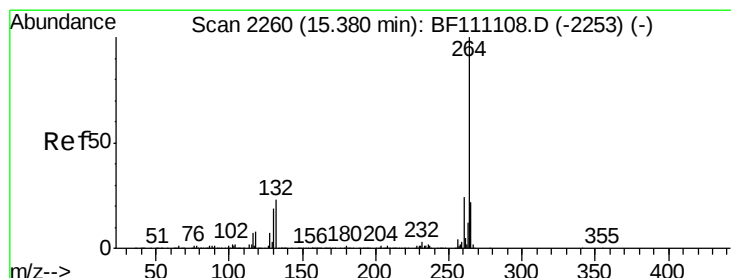
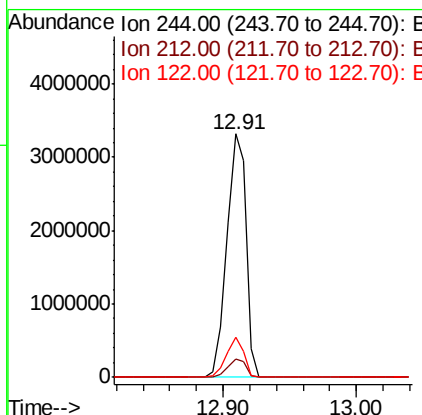
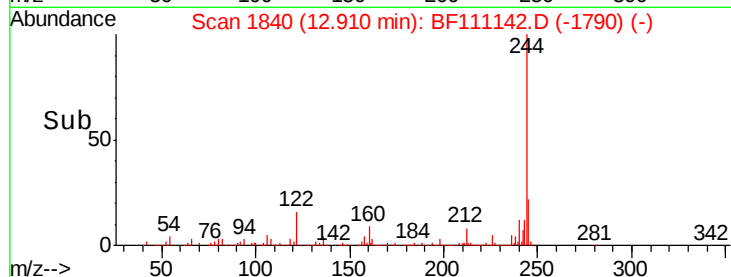
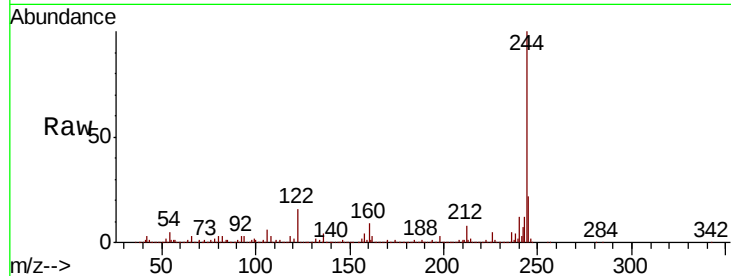




#79
 Terphenyl-d14
 Concen: 73.646 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF111142.D
 Acq: 6 Dec 2018 17:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3378481
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 16.5 14.2 21.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF111142.D
 Acq: 6 Dec 2018 17:10

Tgt Ion:264 Resp: 886483
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 23.0 17.4 26.0

