

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110929.D
 Acq On : 21 Nov 2018 15:37
 Operator : JU/SJ
 Sample : J6000-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 17:16:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	66305	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	276503	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	126913	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	211821	20.00	ng	0.00
76) Chrysene-d12	14.13	240	142500	20.00	ng	0.00
87) Perylene-d12	15.67	264	128619	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	408878	100.17	ng	0.00
7) Phenol-d6	6.57	99	506079	96.95	ng	0.00
23) Nitrobenzene-d5	7.51	82	329901	68.71	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	110629	86.51	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	606982	68.31	ng	0.00
79) Terphenyl-d14	13.06	244	435503	57.23	ng	0.00

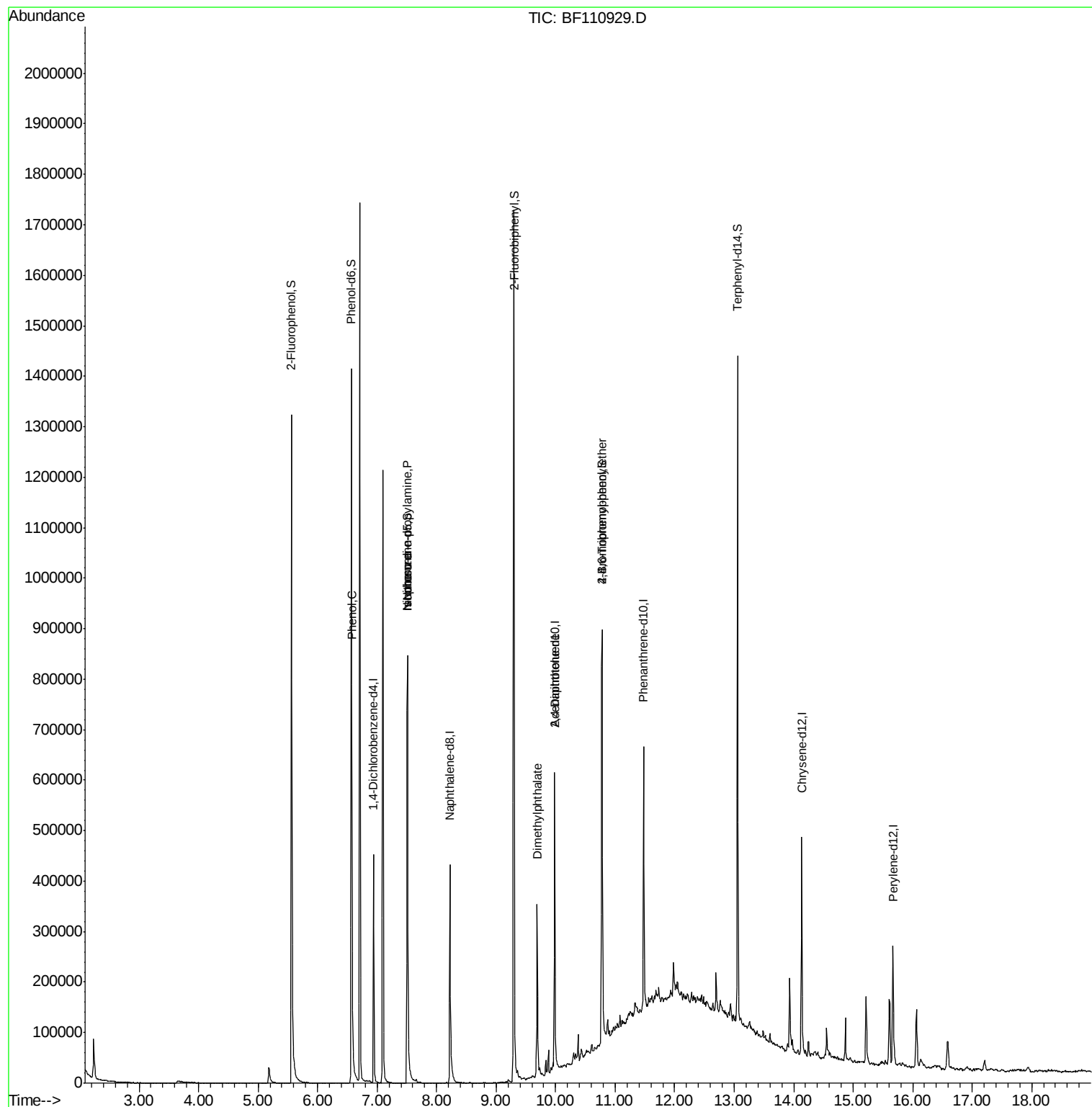
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	759	Below Cal		# 1
10) Phenol	6.58	94	17499	2.891	ng	80
19) n-Nitroso-di-n-propylamine	7.51	70	42845	12.858	ng	# 76
25) Isophorone	7.51	82	329901	41.922	ng	# 67
50) Dimethylphthalate	9.69	163	177331	18.726	ng	100
57) 2,4-Dinitrotoluene	9.98	165	17163	6.336	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	6918	2.955	ng	# 1

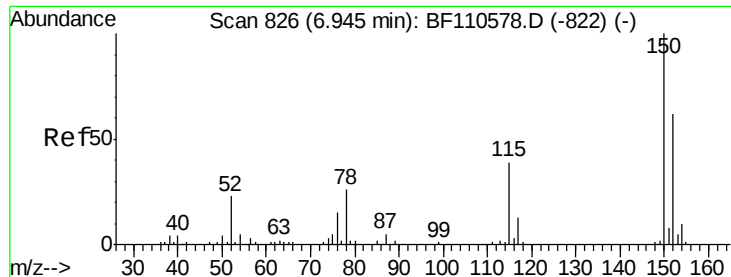
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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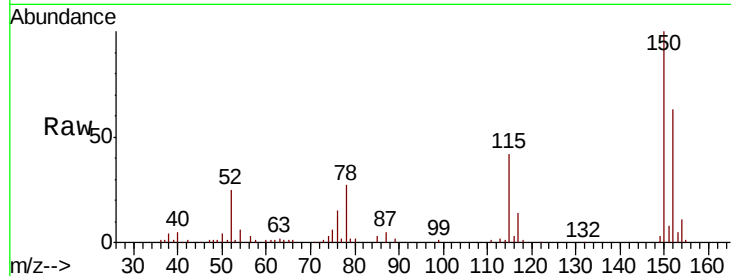




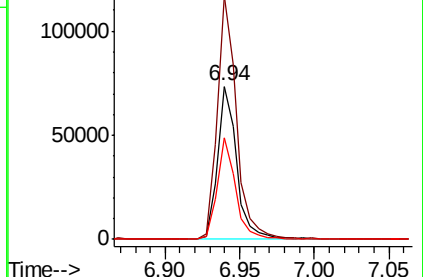
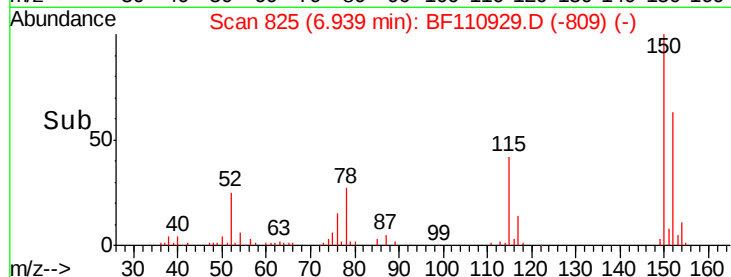
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110929.D
 Acq: 21 Nov 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 66305
 Ion Ratio Lower Upper
 152 100
 150 159.0 122.7 184.1
 115 66.7 49.1 73.7

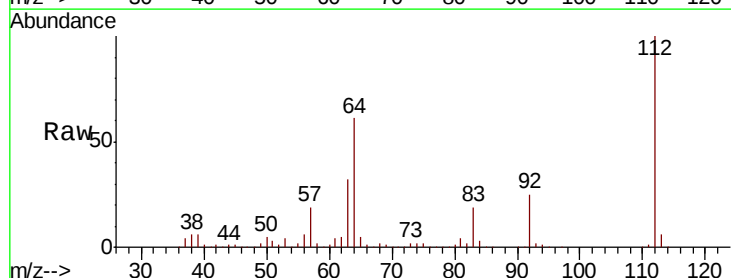


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

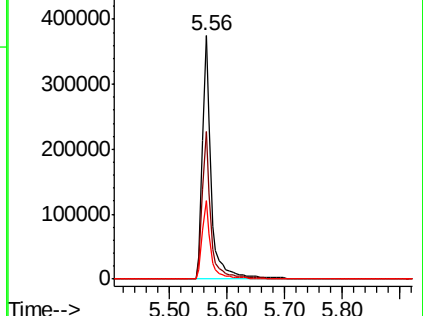
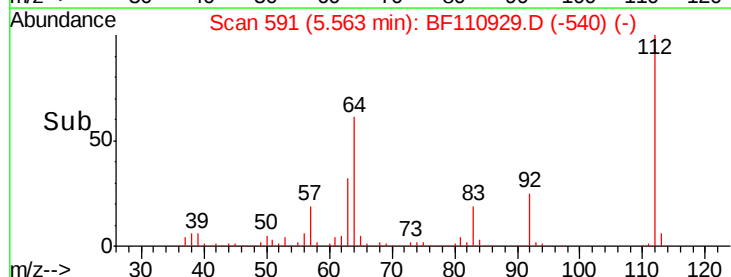


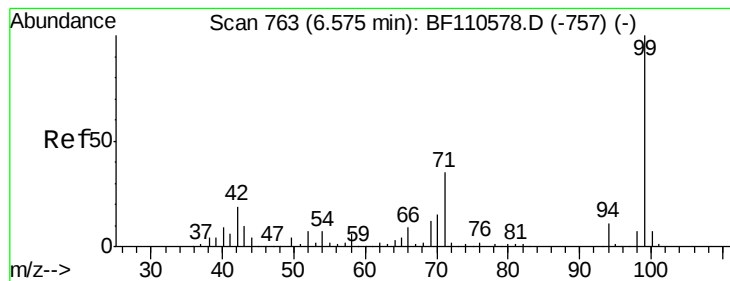
#5
 2-Fluorophenol
 Concen: 100.165 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110929.D
 Acq: 21 Nov 2018 15:37

Tgt Ion:112 Resp: 408878
 Ion Ratio Lower Upper
 112 100
 64 60.6 44.1 66.1
 63 32.5 23.7 35.5



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: 96.951 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110929.D

Acq: 21 Nov 2018 15:37

Instrument :

BNA_F

ClientSampleId :

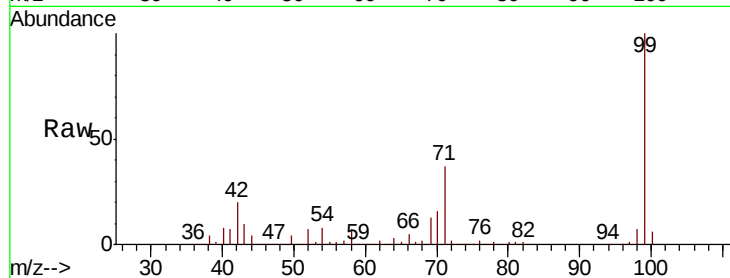
Tot Ion: 99 Resp: 506079

Ion Ratio Lower Upper

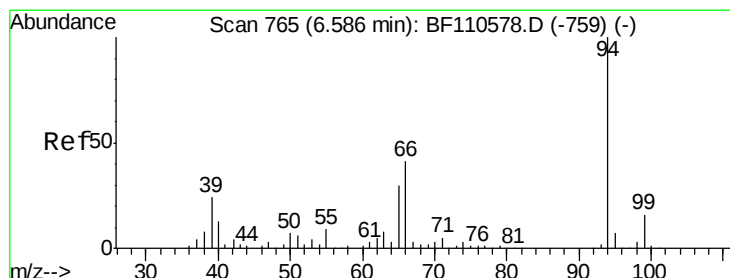
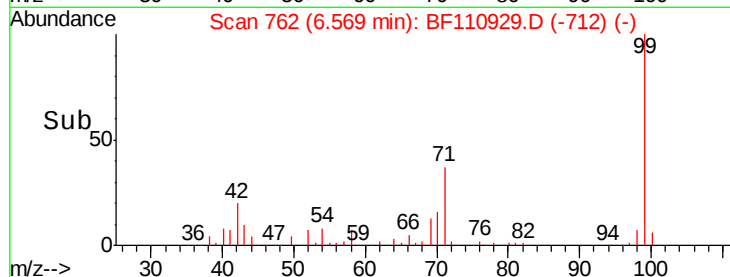
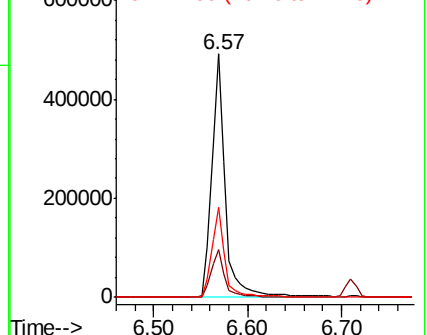
99 100

42 19.7 15.8 23.6

71 36.8 28.0 42.0



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: 2.891 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110929.D

Acq: 21 Nov 2018 15:37

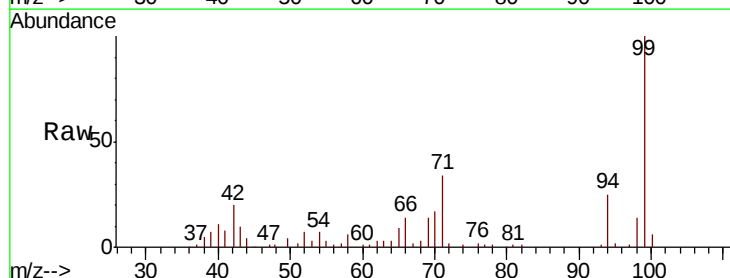
Tgt Ion: 94 Resp: 17499

Ion Ratio Lower Upper

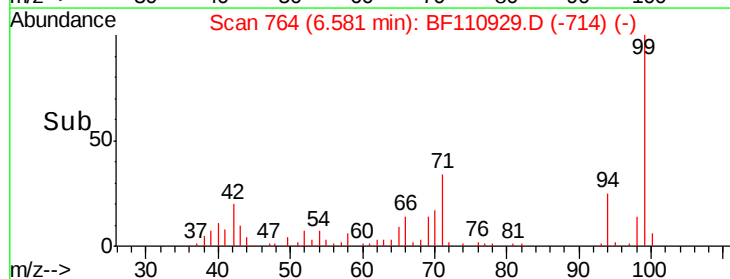
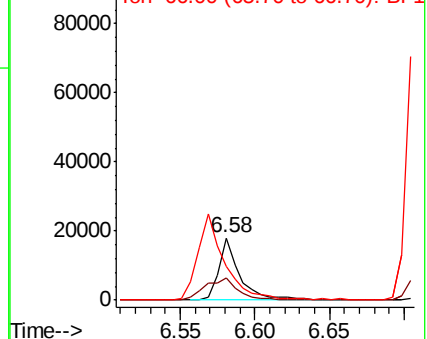
94 100

65 34.9 25.3 65.3

66 55.0 54.5 94.5



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

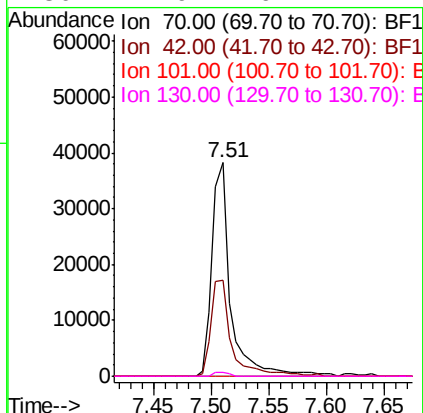
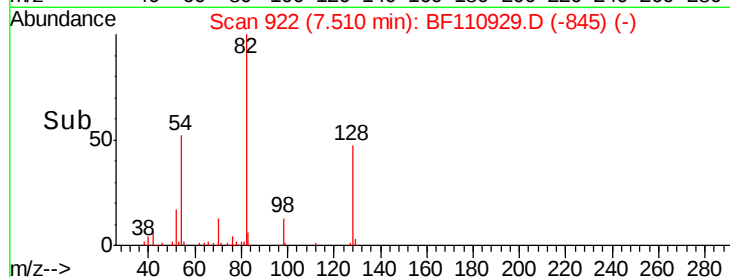
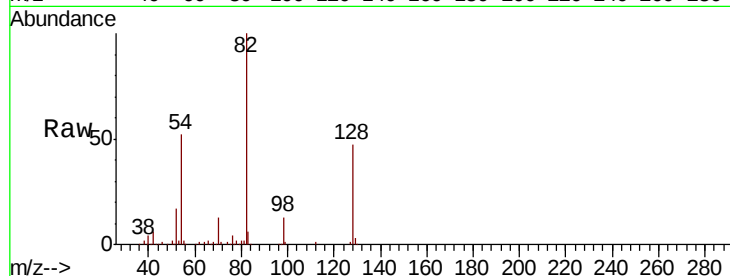




#19
n-Nitroso-di-n-propylamine
Concen: 12.858 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

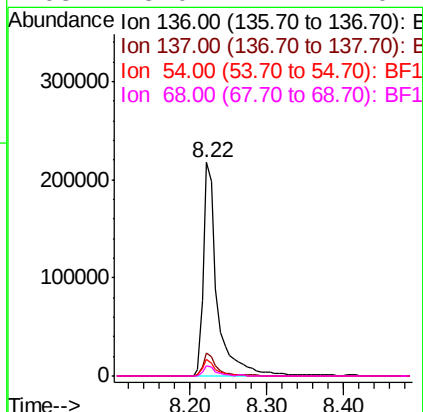
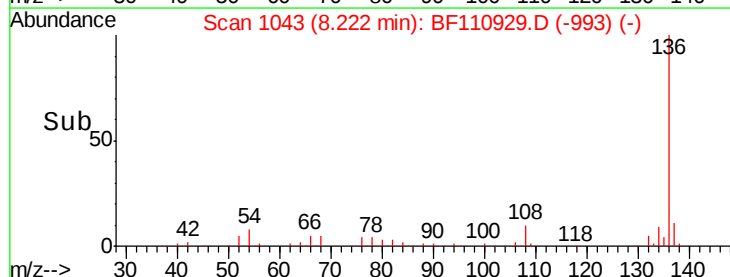
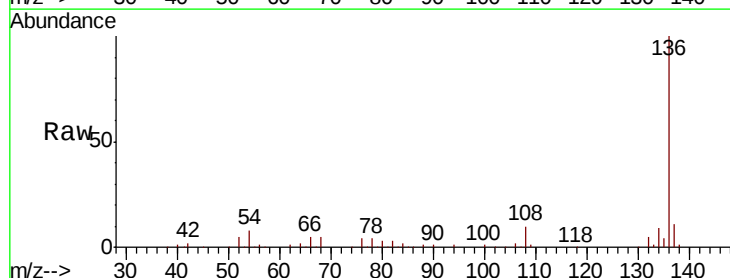
Instrument :
BNA_F
ClientSampled :

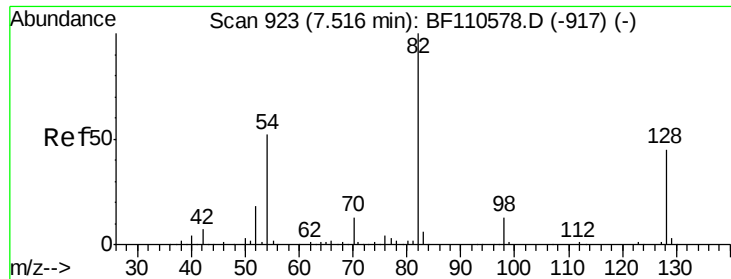
Tot Ion: 70 Resp: 42845
Ion Ratio Lower Upper
70 100
42 45.1 47.4 71.2#
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:136 Resp: 276503
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.1 5.4 8.2
68 5.0 4.2 6.2

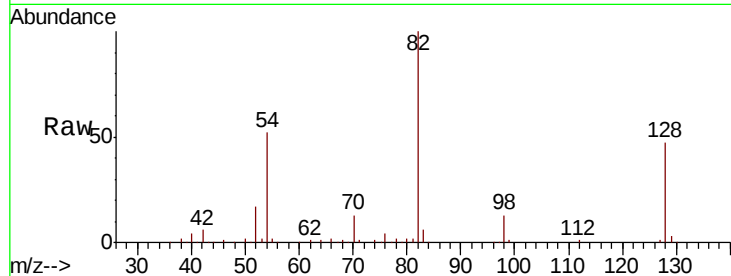




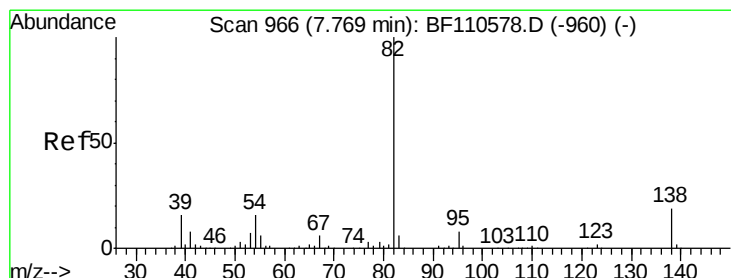
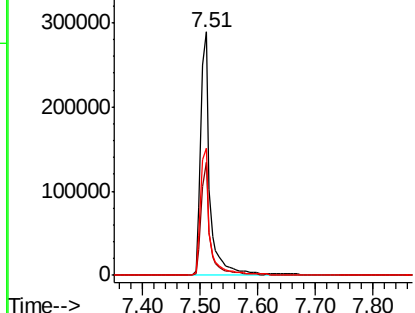
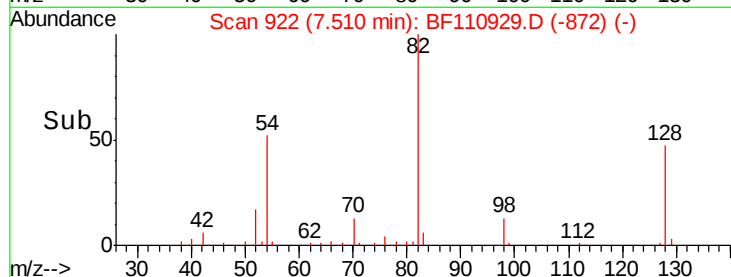
#23
 Nitrobenzene-d5
 Concen: 68.711 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110929.D
 Acq: 21 Nov 2018 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	329901
Ion Ratio	100	Lower	Upper
128	46.7	34.2	51.2
54	52.0	38.6	58.0

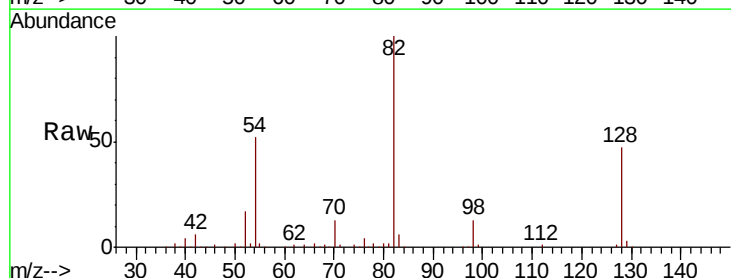


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

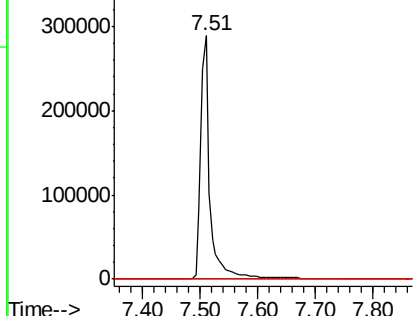
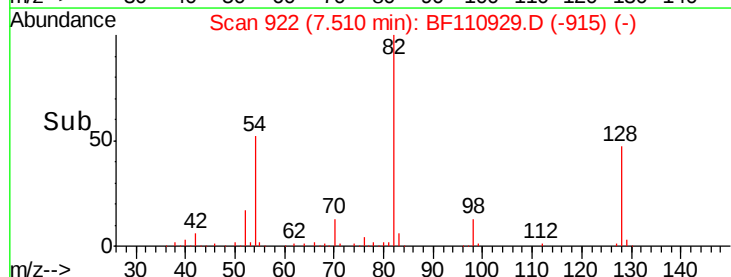


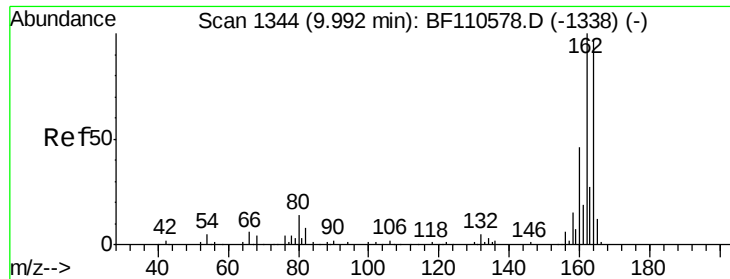
#25
 Isophorone
 Concen: 41.922 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110929.D
 Acq: 21 Nov 2018 15:37

Tgt Ion	82	Resp	329901
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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

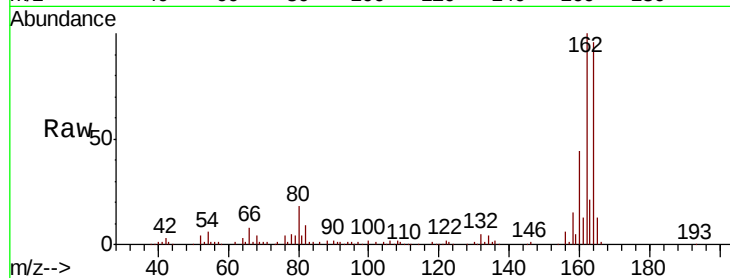




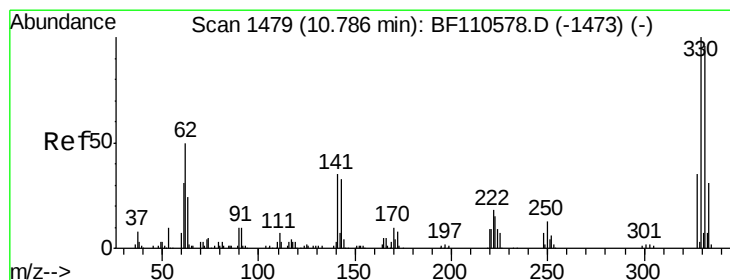
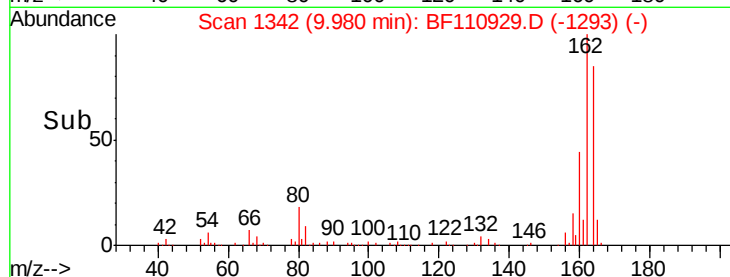
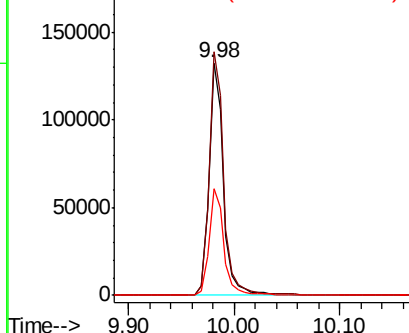
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 126913
Ion Ratio Lower Upper
164 100
162 104.6 83.0 124.6
160 46.0 37.0 55.6

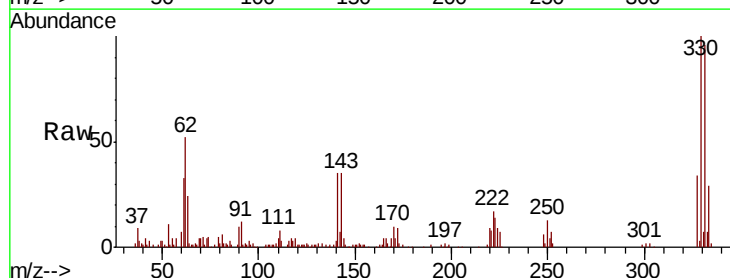


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

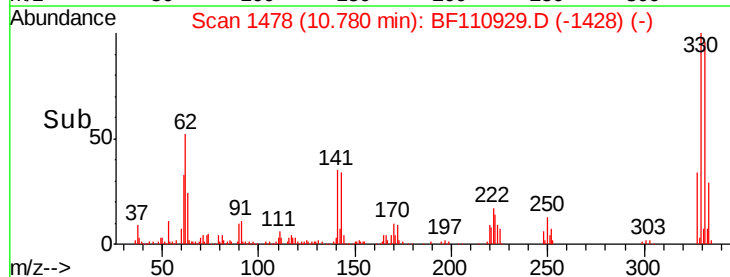
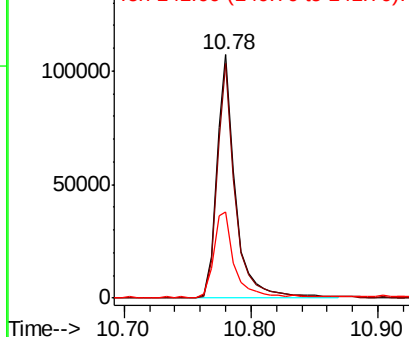


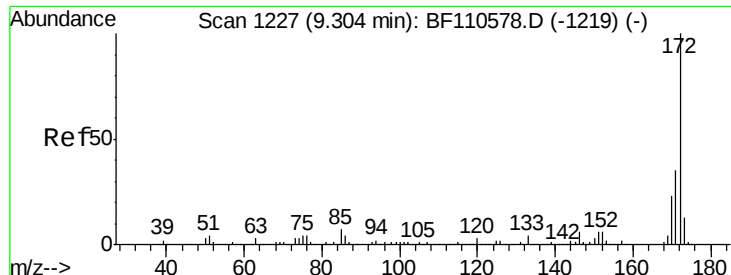
#42
2,4,6-Tribromophenol
Concen: 86.510 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:330 Resp: 110629
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 38.6 27.0 40.4



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

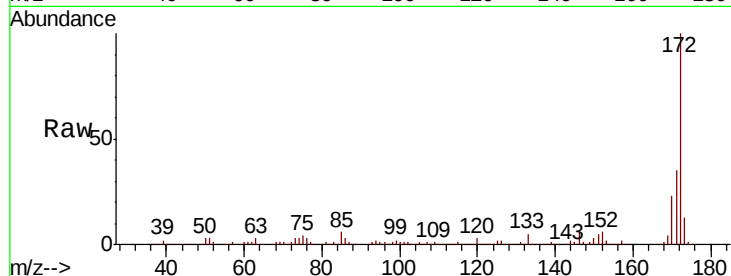




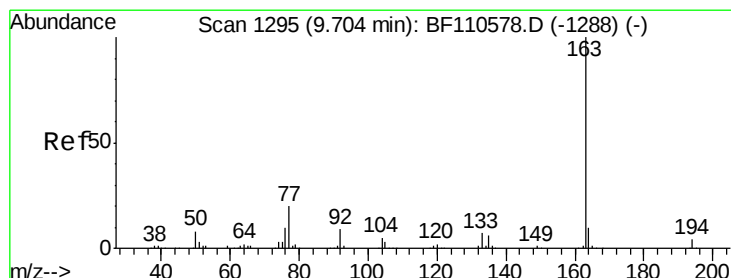
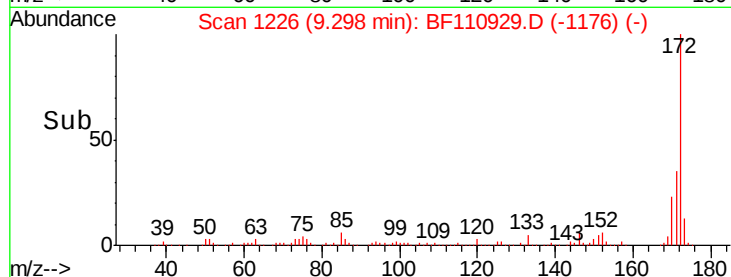
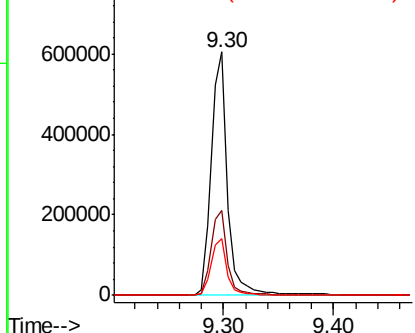
#45
2-Fluorobiphenyl
Concen: 68.305 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 606982
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.4 19.7 29.5

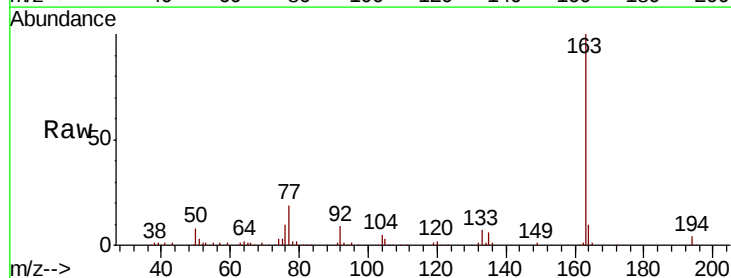


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

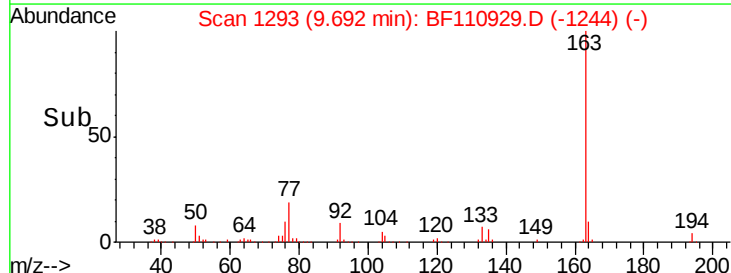
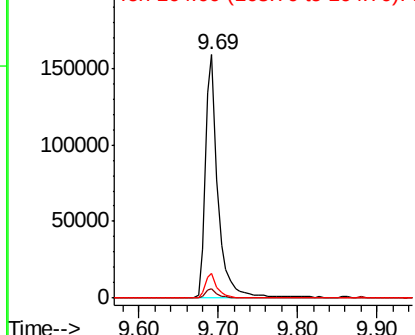


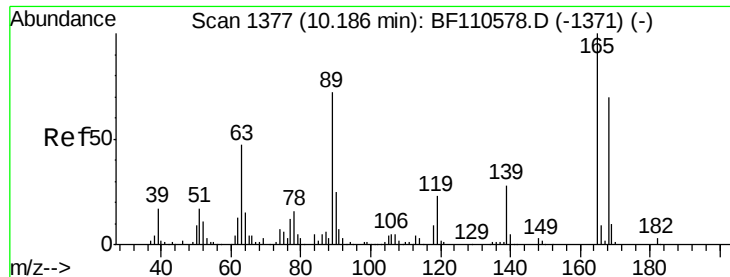
#50
Dimethylphthalate
Concen: 18.726 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:163 Resp: 177331
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.1 8.1 12.1



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

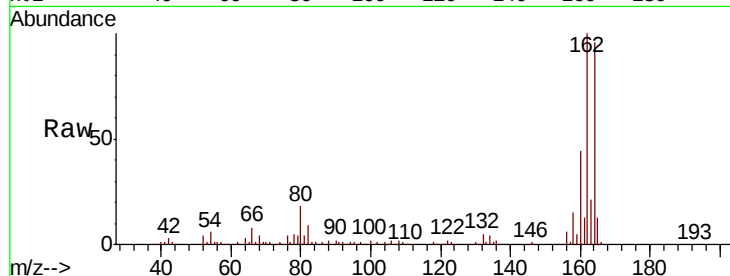




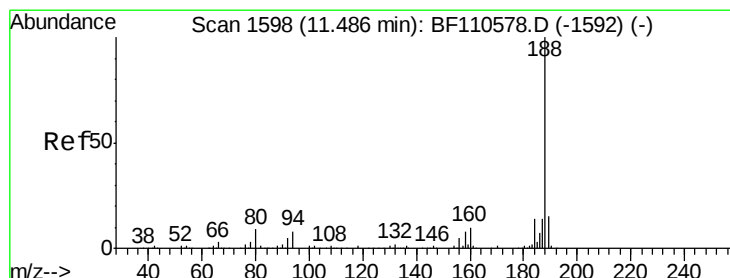
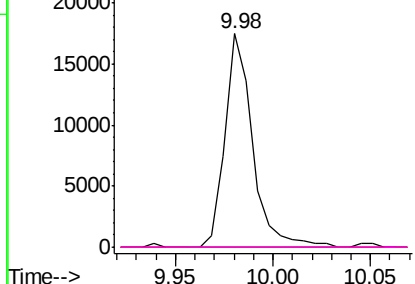
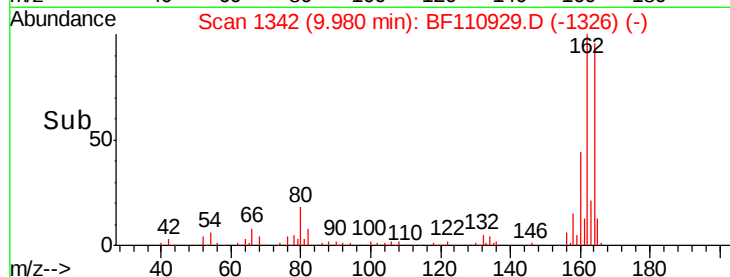
#57
2,4-Dinitrotoluene
Concen: 6.336 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 17163
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#

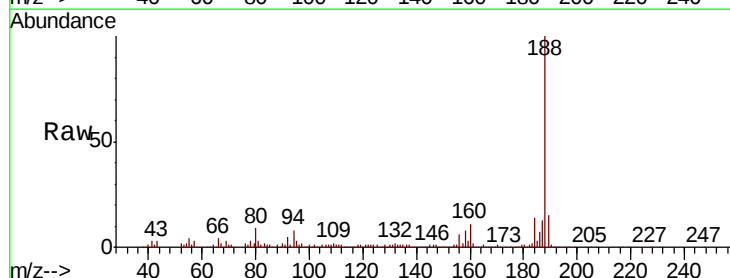


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

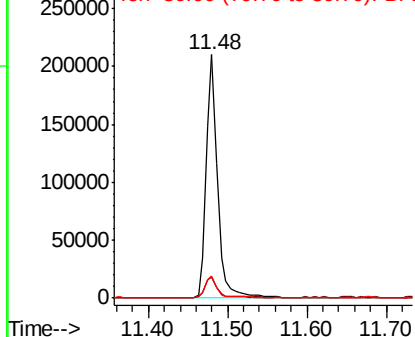
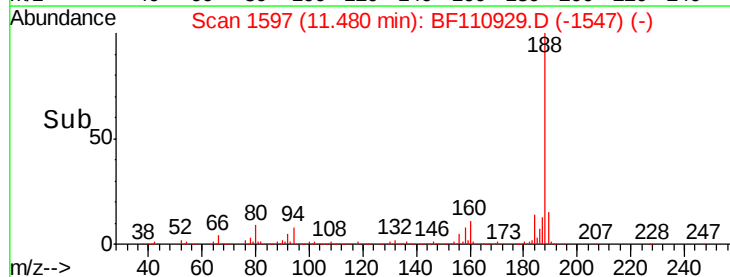


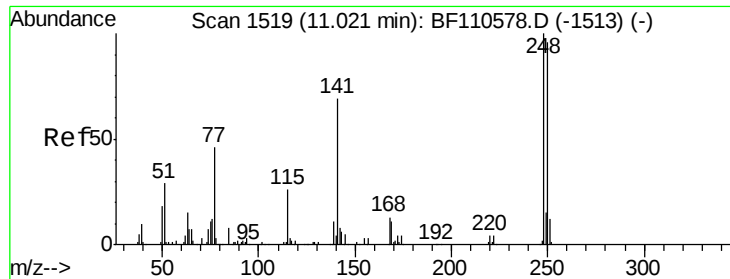
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:188 Resp: 211821
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.1 7.9 11.9



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

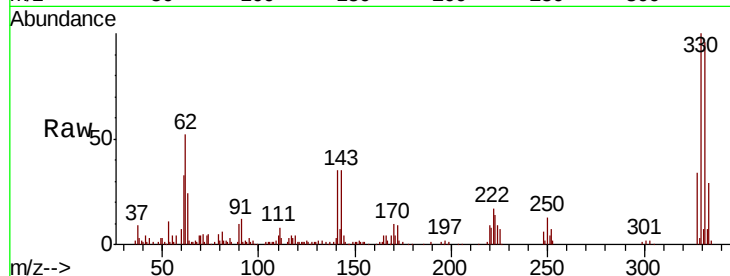




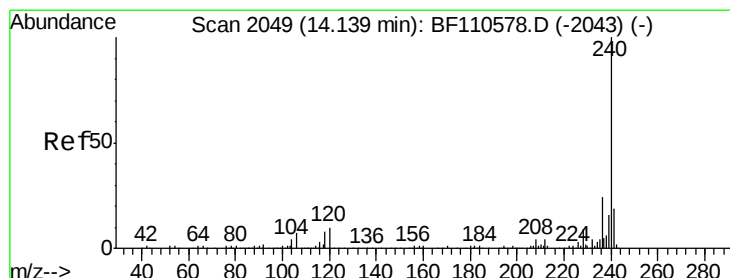
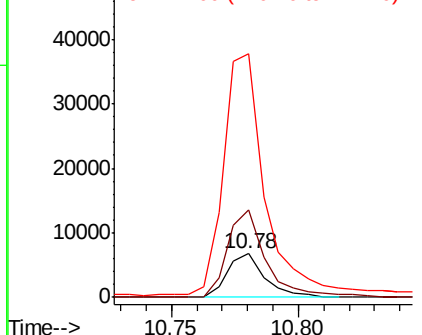
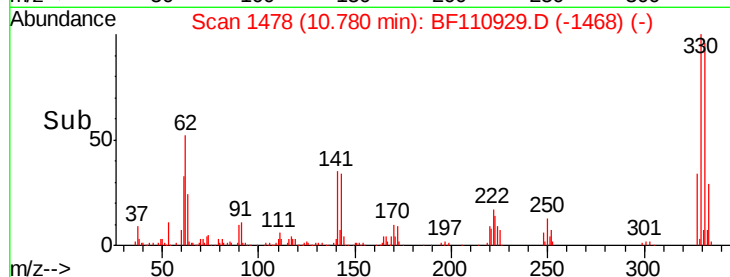
#67
4-Bromophenyl-phenylether
Concen: 2.955 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6918
Ion Ratio Lower Upper
248 100
250 198.2 79.4 119.2#
141 555.2 55.9 83.9#

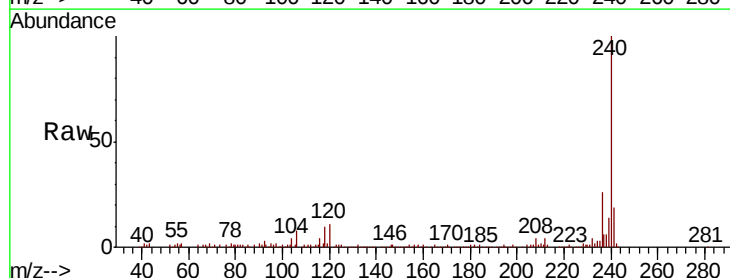


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

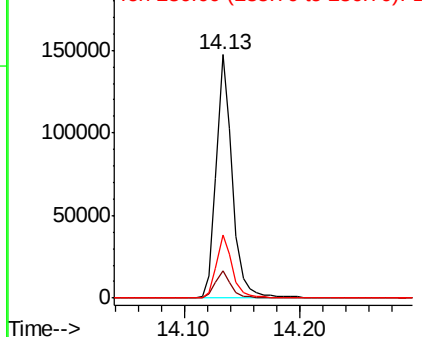
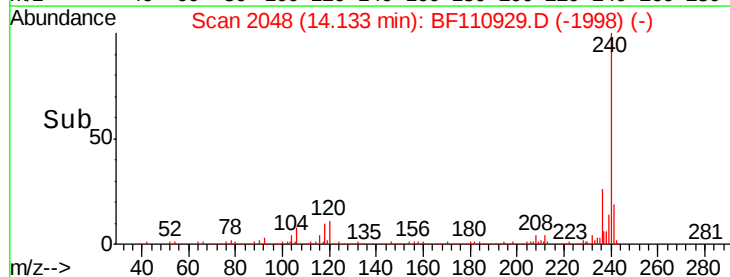


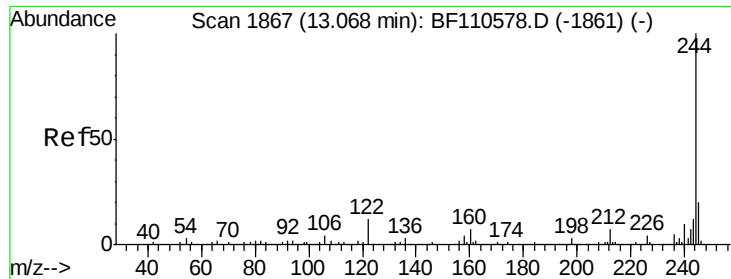
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110929.D
Acq: 21 Nov 2018 15:37

Tgt Ion:240 Resp: 142500
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 25.8 21.2 31.8



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

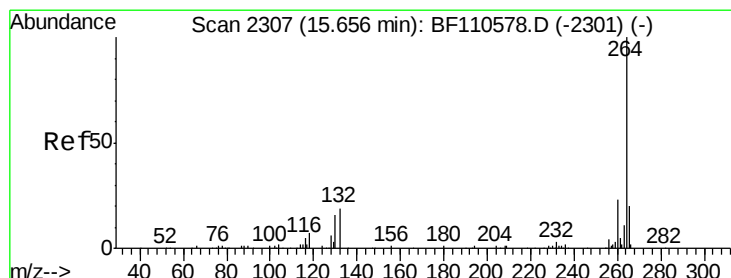
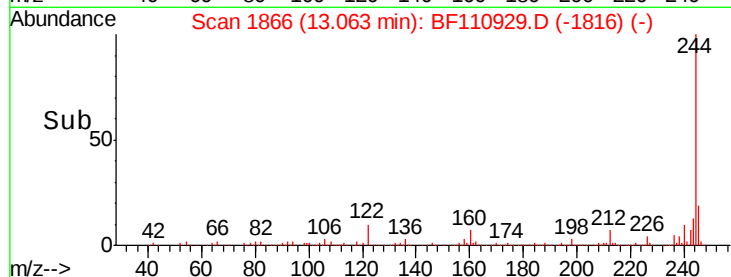
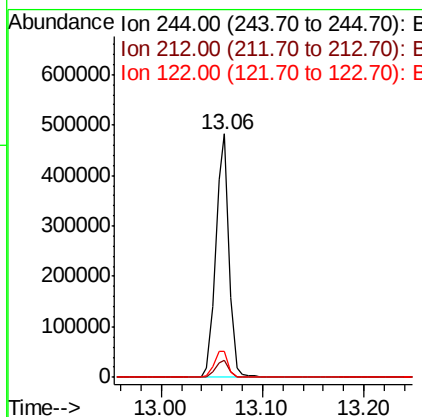
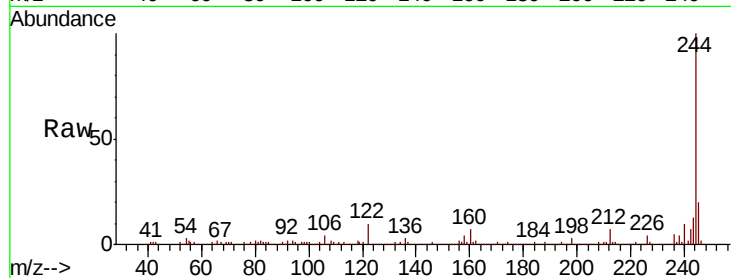




#79
 Terphenyl-d14
 Concen: 57.235 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110929.D
 Acq: 21 Nov 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.4	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110929.D
 Acq: 21 Nov 2018 15:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.1	16.7	25.1

