

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110572.D
 Acq On : 7 Nov 2018 22:49
 Operator : JU/SJ
 Sample : J5735-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 16:24:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

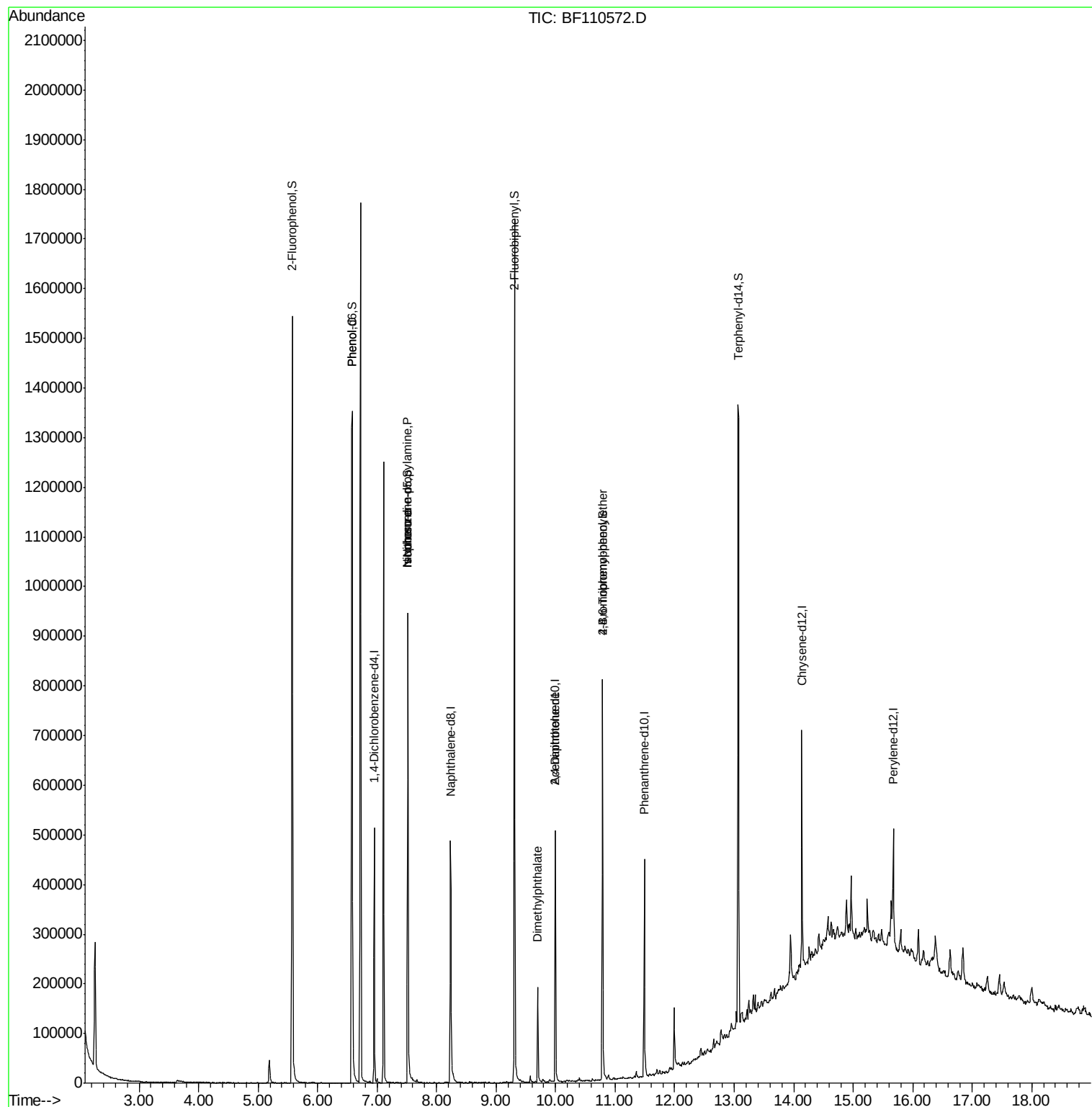
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68677	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	269705	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	109769	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	184882	20.00	ng	0.00
76) Chrysene-d12	14.14	240	157152	20.00	ng	0.00
87) Perylene-d12	15.67	264	115928	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	414689	98.33	ng	0.00
7) Phenol-d6	6.58	99	511980	94.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	310298	68.24	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	96228	88.50	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	553286	79.15	ng	0.00
79) Terphenyl-d14	13.07	244	443996	58.76	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	898	Below Cal		Qvalue
10) Phenol	6.59	94	24669	4.278 ng	#	1
19) n-Nitroso-di-n-propylamine	7.52	70	40450	11.689 ng	#	80
25) Isophorone	7.52	82	310298	40.033 ng	#	78
50) Dimethylphthalate	9.70	163	83863	10.350 ng	#	67
57) 2,4-Dinitrotoluene	9.99	165	13768	6.210 ng	#	99
67) 4-Bromophenyl-phenylether	10.79	248	5972	2.978 ng	#	17
					#	1

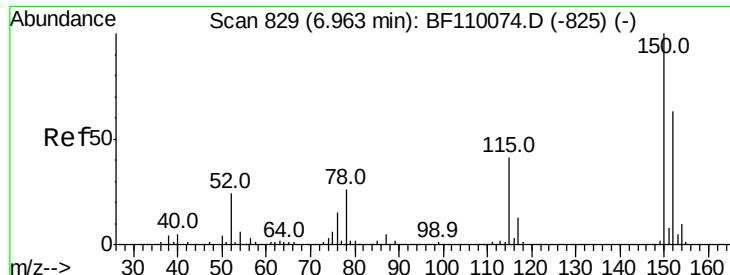
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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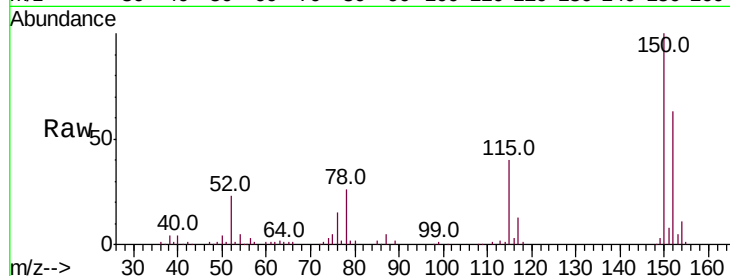


#1

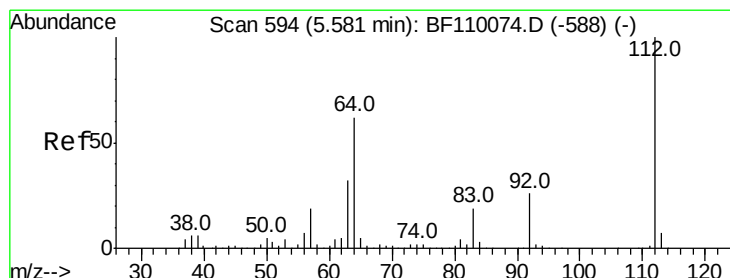
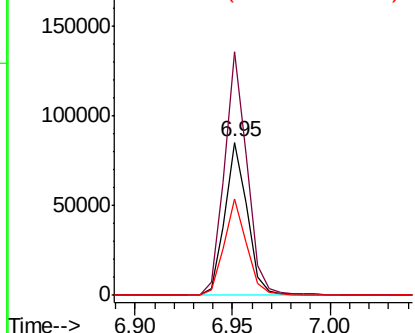
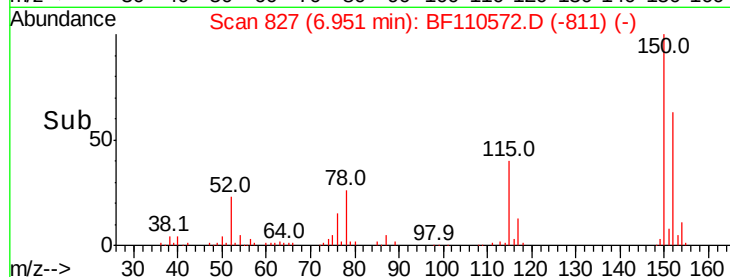
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110572.D
Acq: 7 Nov 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68677
Ion Ratio Lower Upper
152 100
150 159.2 122.7 184.1
115 63.4 49.1 73.7



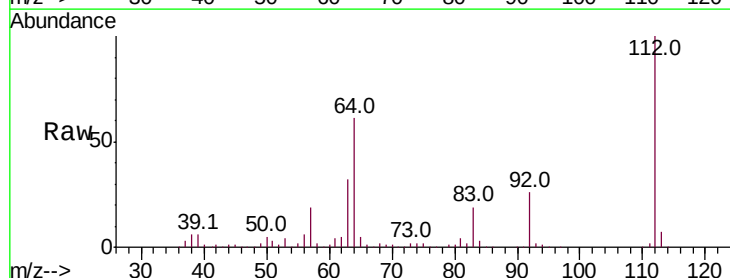
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



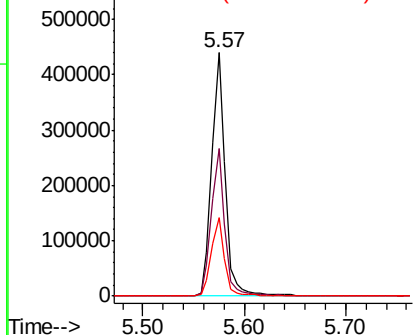
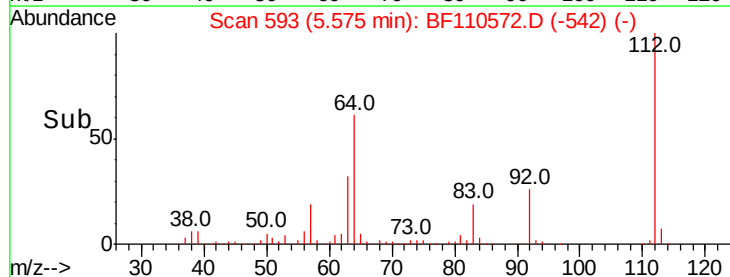
#5

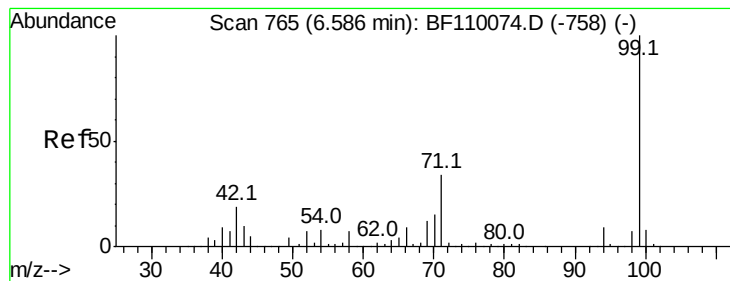
2-Fluorophenol
Concen: 98.330 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF110572.D
Acq: 7 Nov 2018 22:49

Tgt Ion:112 Resp: 414689
Ion Ratio Lower Upper
112 100
64 60.6 44.1 66.1
63 32.1 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: 94.912 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110572.D

Acq: 7 Nov 2018 22:49

Instrument :

BNA_F

ClientSampled :

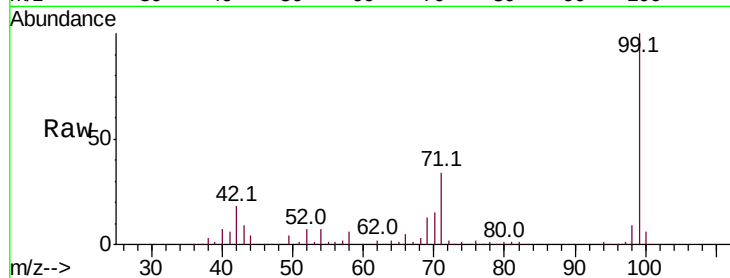
Tot Ion: 99 Resp: 511980

Ion Ratio Lower Upper

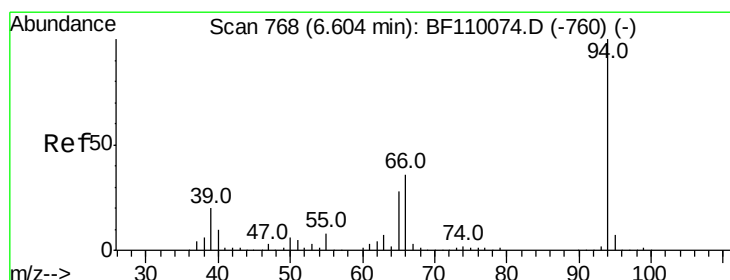
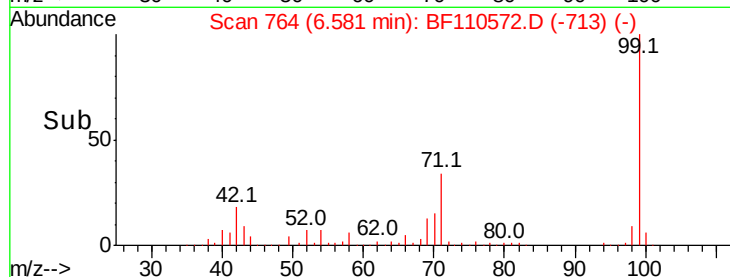
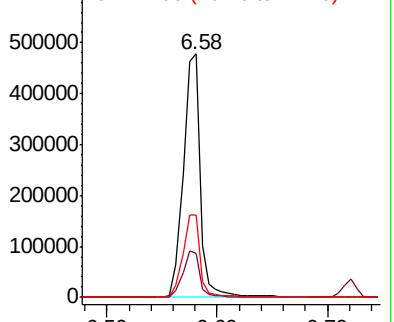
99 100

42 18.0 15.8 23.6

71 33.9 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: 4.278 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110572.D

Acq: 7 Nov 2018 22:49

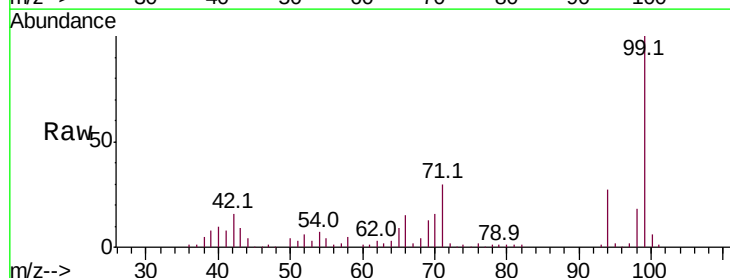
Tgt Ion: 94 Resp: 24669

Ion Ratio Lower Upper

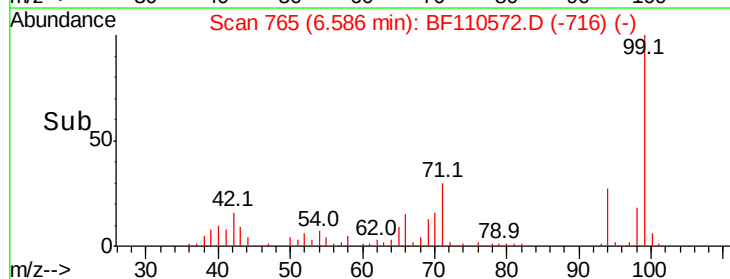
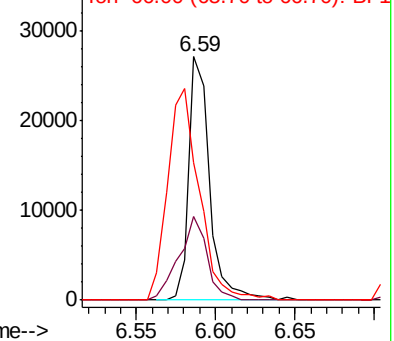
94 100

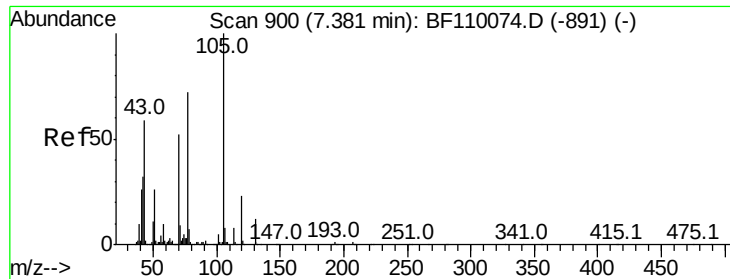
65 34.2 25.3 65.3

66 56.4 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

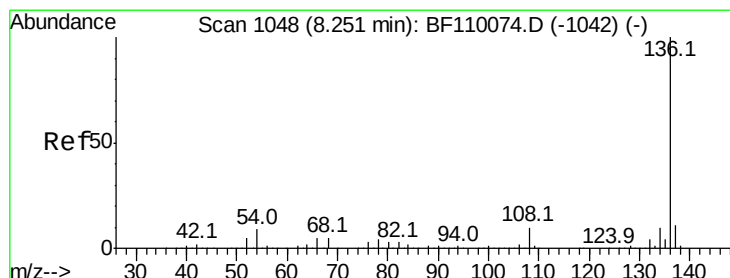
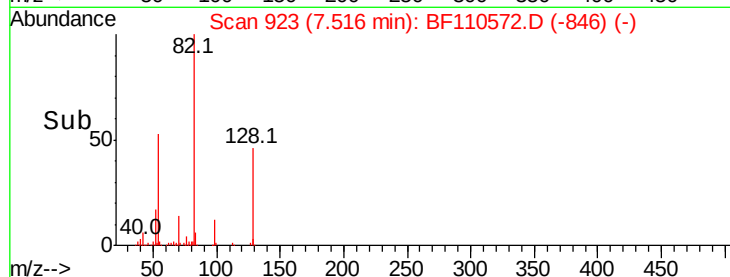
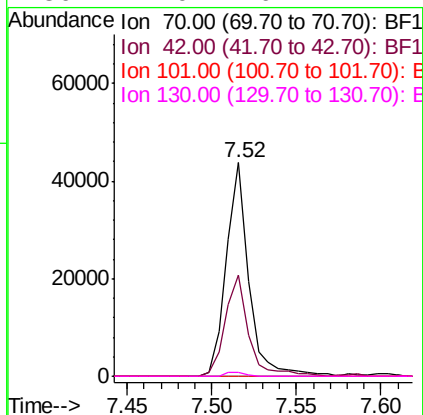
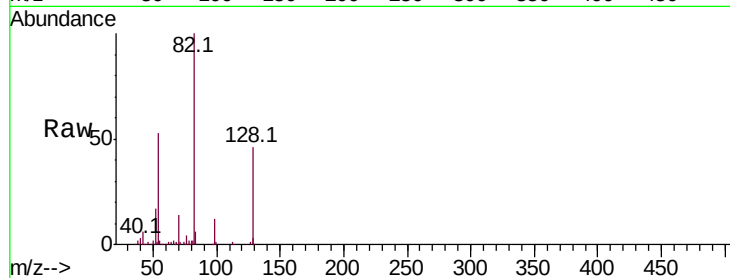




#19
n-Nitroso-di-n-propylamine
Concen: 11.689 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110572.D
Acq: 7 Nov 2018 22:49

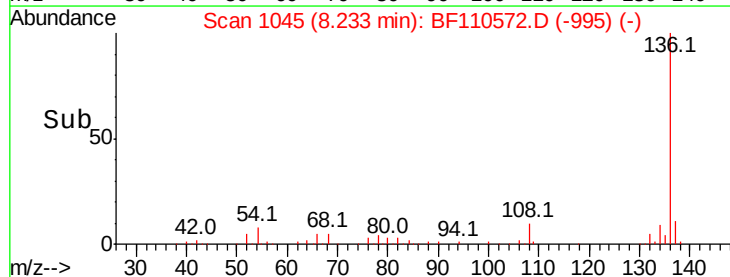
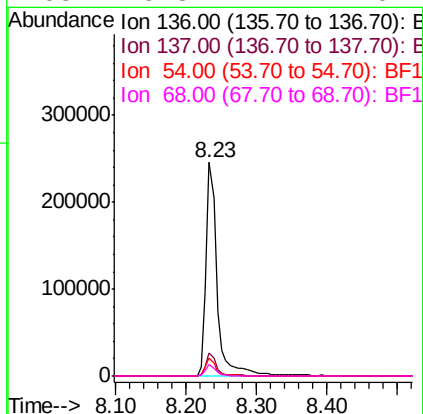
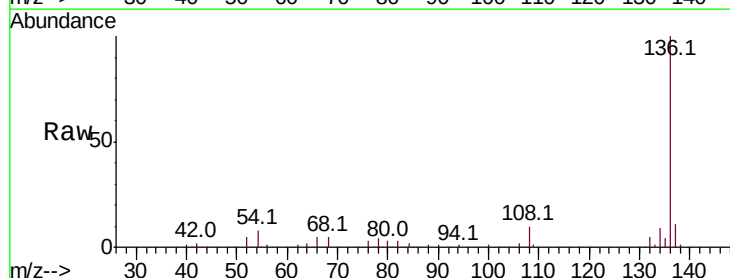
Instrument :
BNA_F
ClientSampleId :

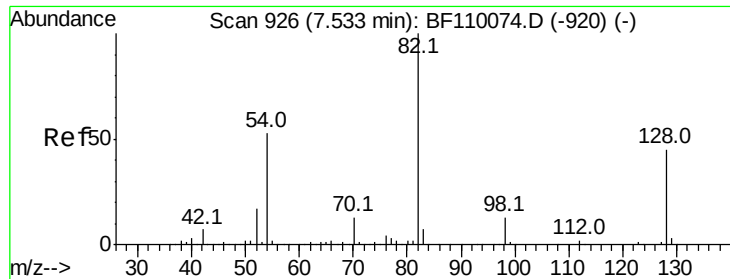
Tot Ion: 70 Resp: 40450
Ion Ratio Lower Upper
70 100
42 47.3 47.4 71.2#
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110572.D
Acq: 7 Nov 2018 22:49

Tgt Ion:136 Resp: 269705
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 5.4 8.2
68 5.3 4.2 6.2

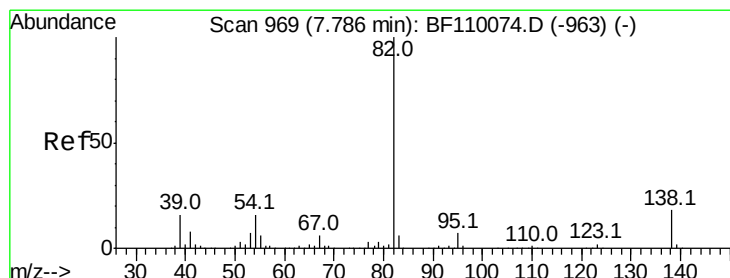
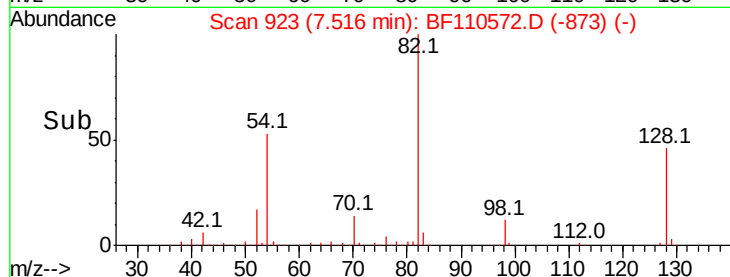
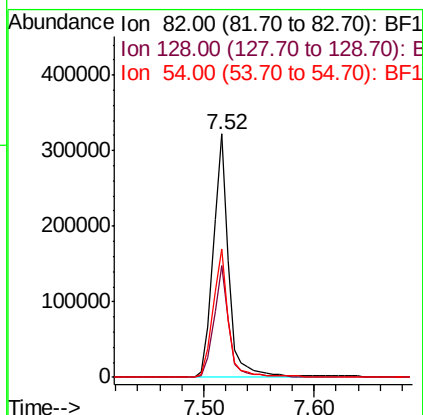
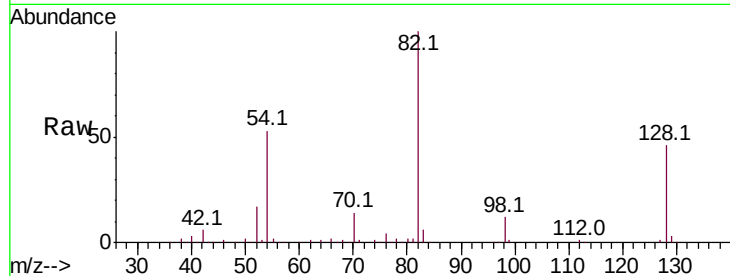




#23
 Nitrobenzene-d5
 Concen: 68.240 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

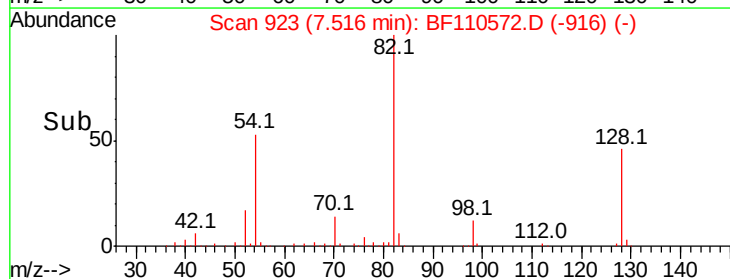
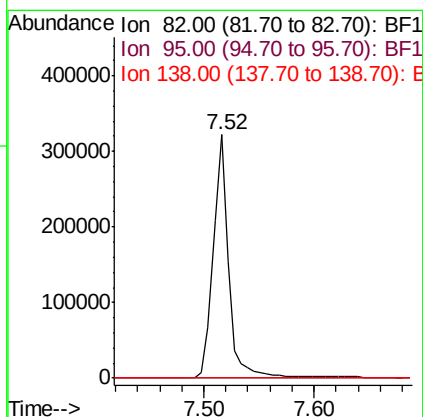
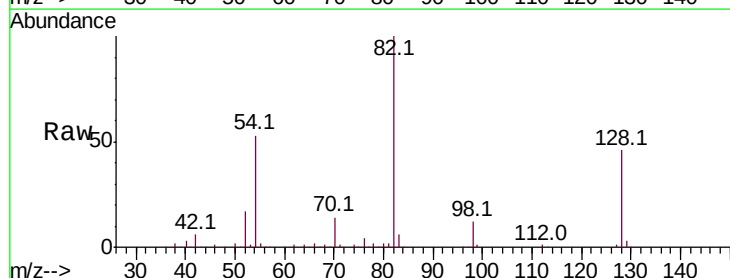
Instrument :
 BNA_F
 ClientSampled :

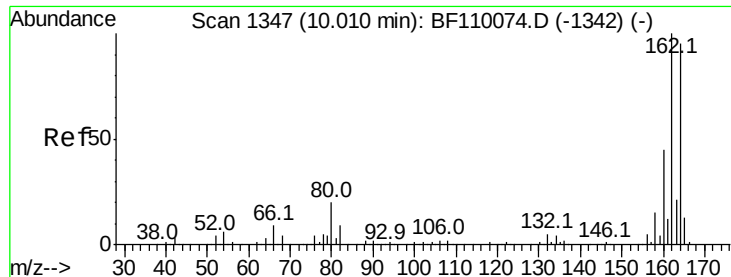
Tot Ion	82	Resp	310298
Ion Ratio	Lower	Upper	
82	100		
128	45.9	34.2	51.2
54	52.6	38.6	58.0



#25
 Isophorone
 Concen: 40.033 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.26 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

Tgt Ion	82	Resp	310298
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

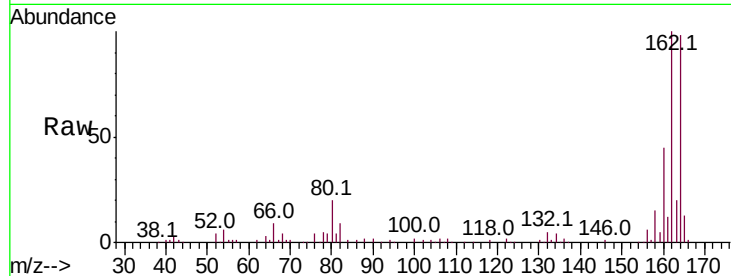




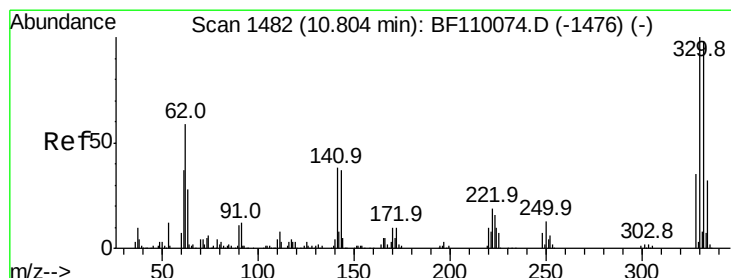
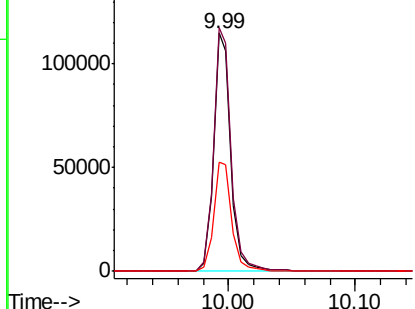
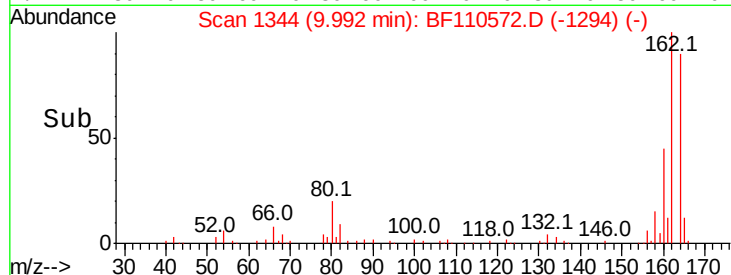
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 109769
 Ion Ratio Lower Upper
 164 100
 162 102.2 83.0 124.6
 160 45.7 37.0 55.6

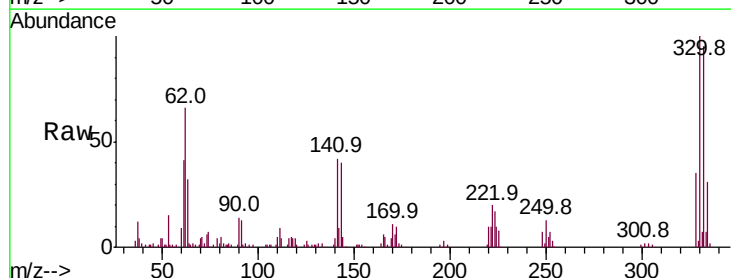


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

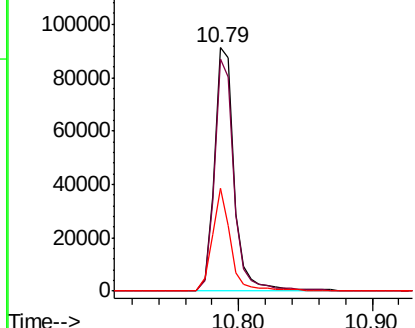
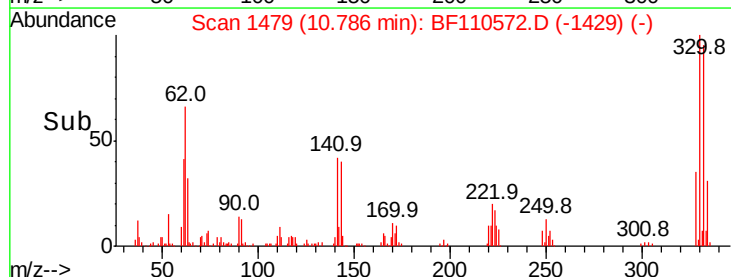


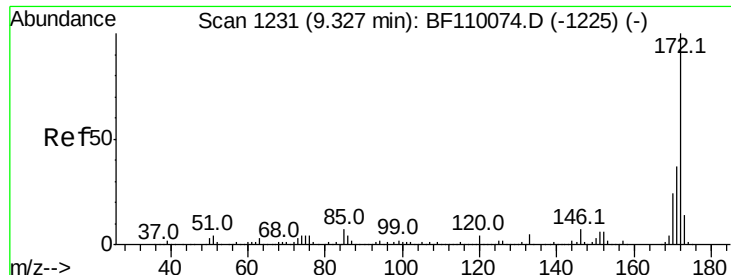
#42
 2,4,6-Tribromophenol
 Concen: 88.499 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

Tgt Ion:330 Resp: 96228
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.1 115.7
 141 38.7 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



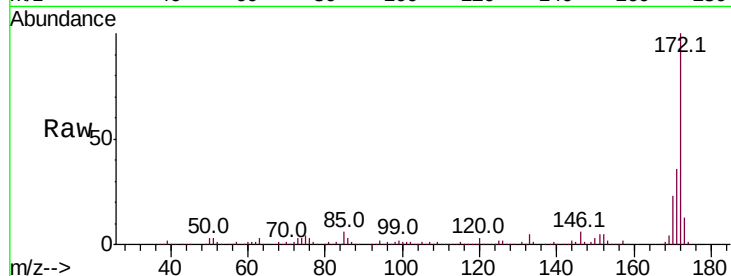


#45
 2-Fluorobiphenyl
 Concen: 79.148 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

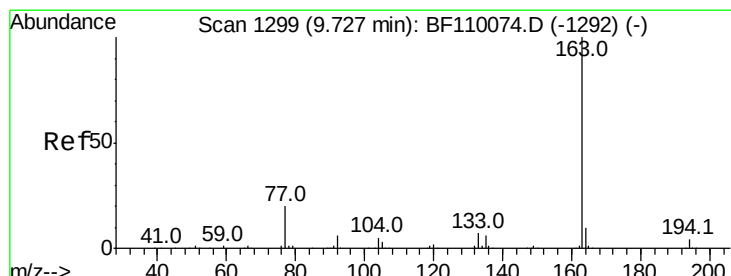
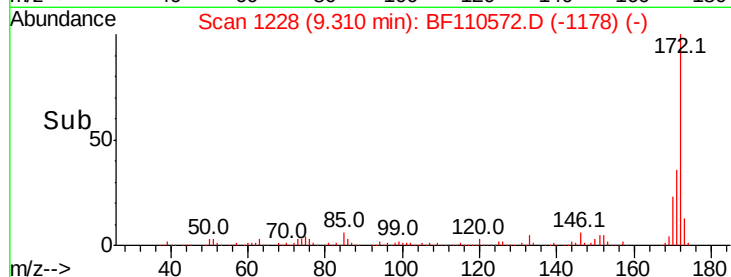
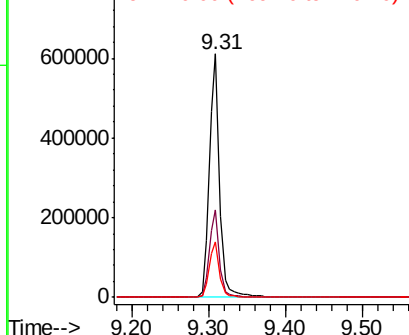
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 553286

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	22.9	19.7	29.5



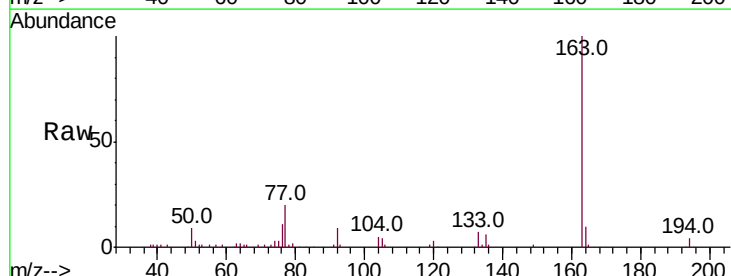
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



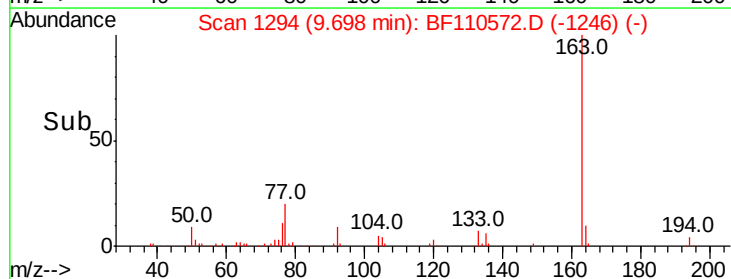
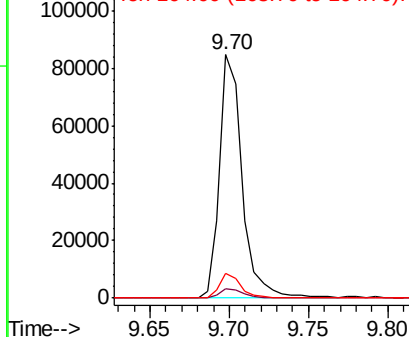
#50
 Dimethylphthalate
 Concen: 10.350 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

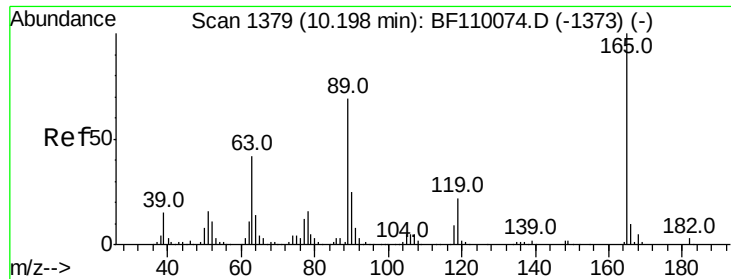
Tgt Ion:163 Resp: 83863

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	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

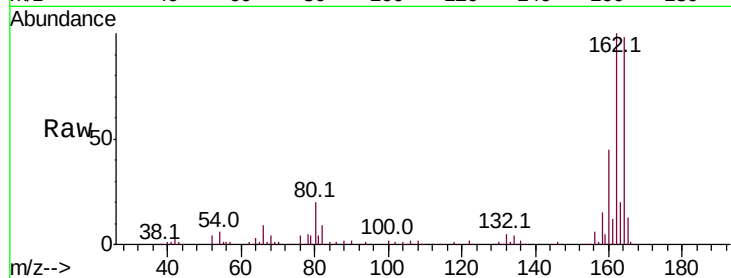




#57
 2,4-Dinitrotoluene
 Concen: 6.210 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#



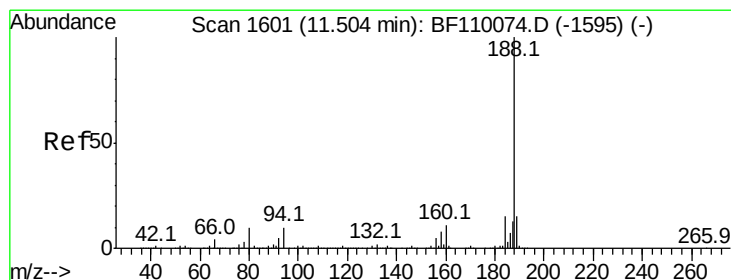
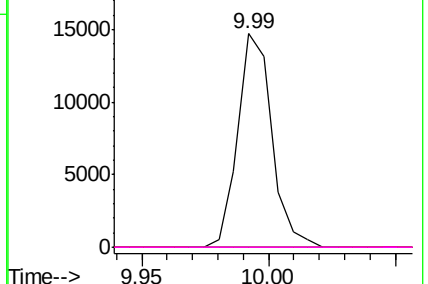
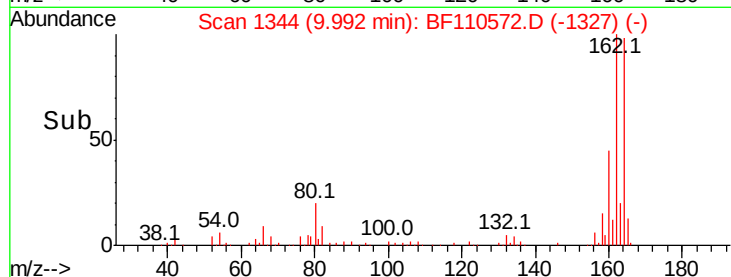
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

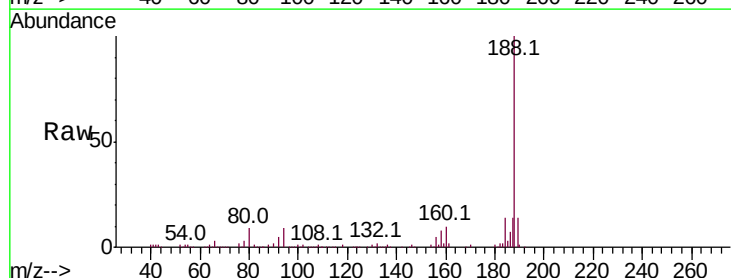
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	8.7	7.9	11.9

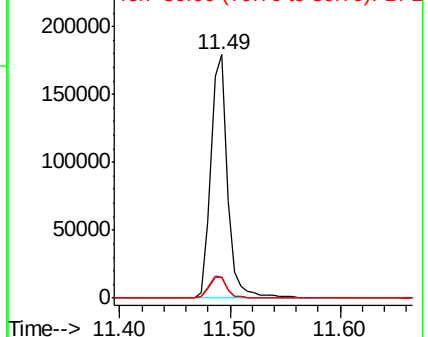
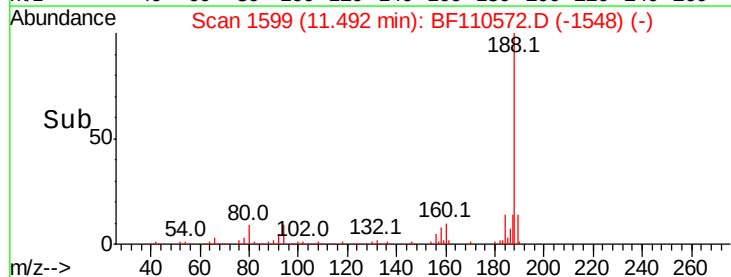


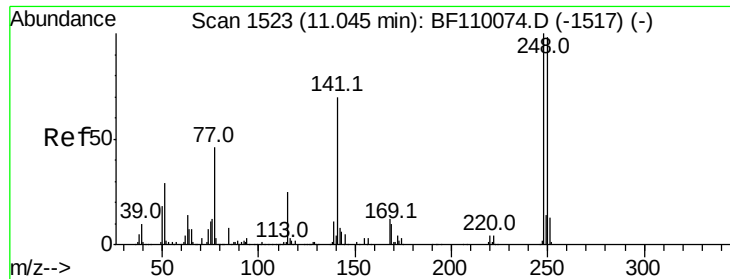
Abundance

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

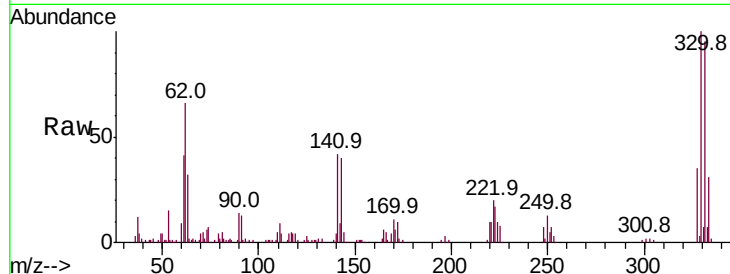




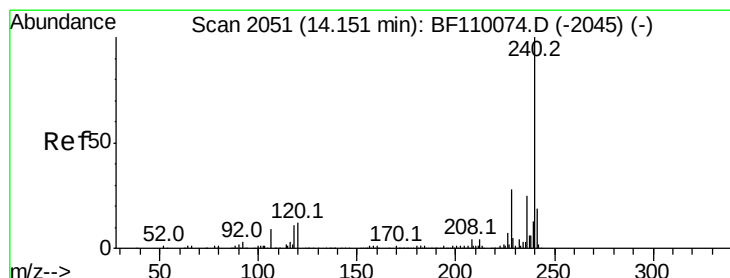
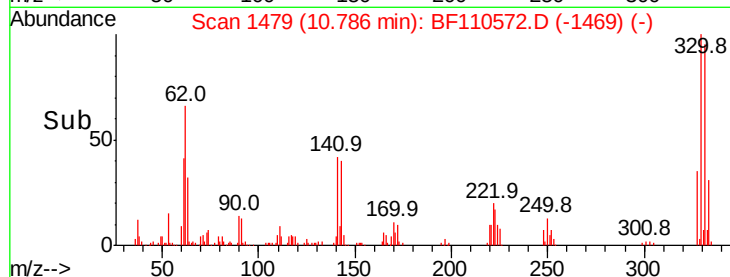
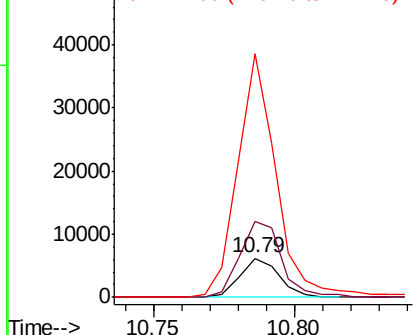
#67
 4-Bromophenyl-phenylether
 Concen: 2.978 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 5972
 Ion Ratio Lower Upper
 248 100
 250 193.8 79.4 119.2#
 141 620.9 55.9 83.9#

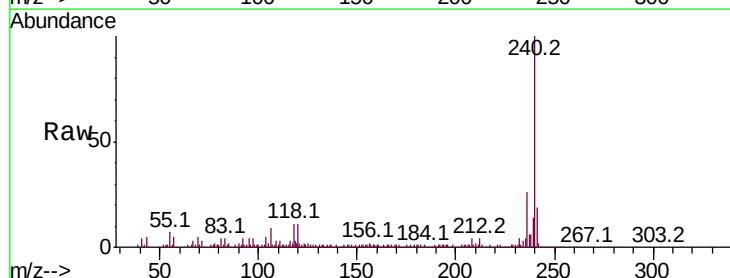


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

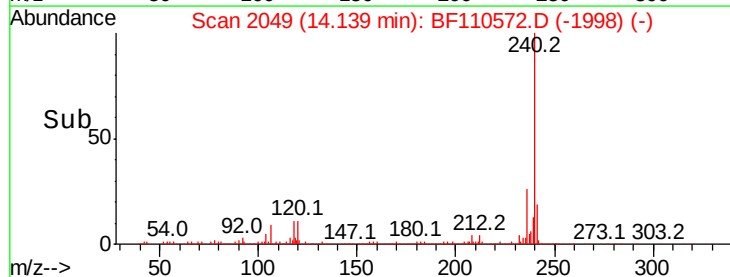
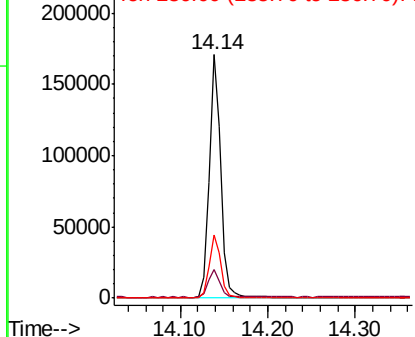


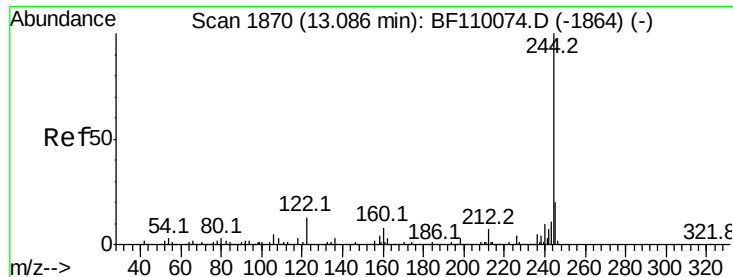
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

Tgt Ion:240 Resp: 157152
 Ion Ratio Lower Upper
 240 100
 120 11.5 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

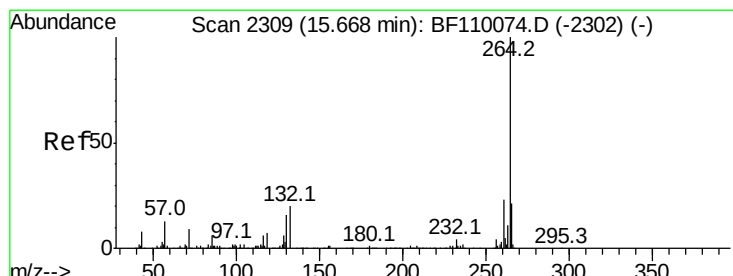
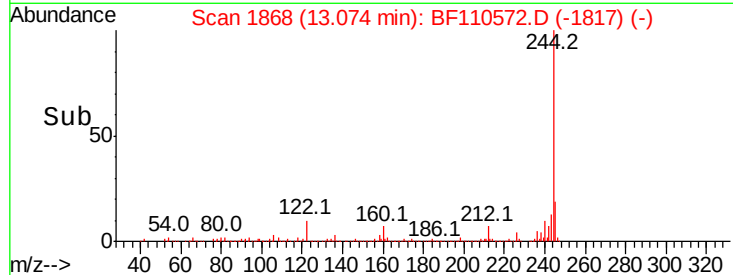
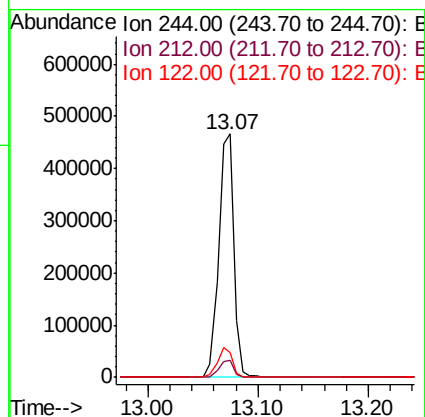
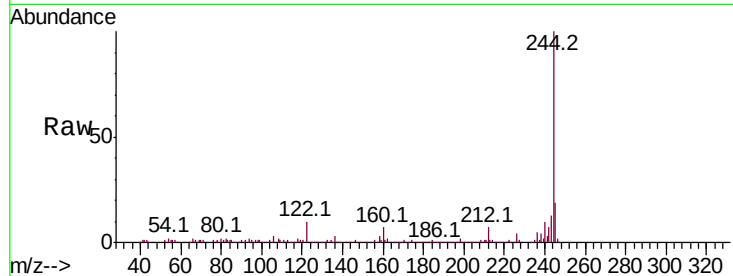




#79
 Terphenyl-d14
 Concen: 58.757 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.3	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.02 min
 Lab File: BF110572.D
 Acq: 7 Nov 2018 22:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.8	16.7	25.1

