

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110517.D
 Acq On : 6 Nov 2018 16:14
 Operator : JU/SJ
 Sample : J5819-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 17:14:25 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

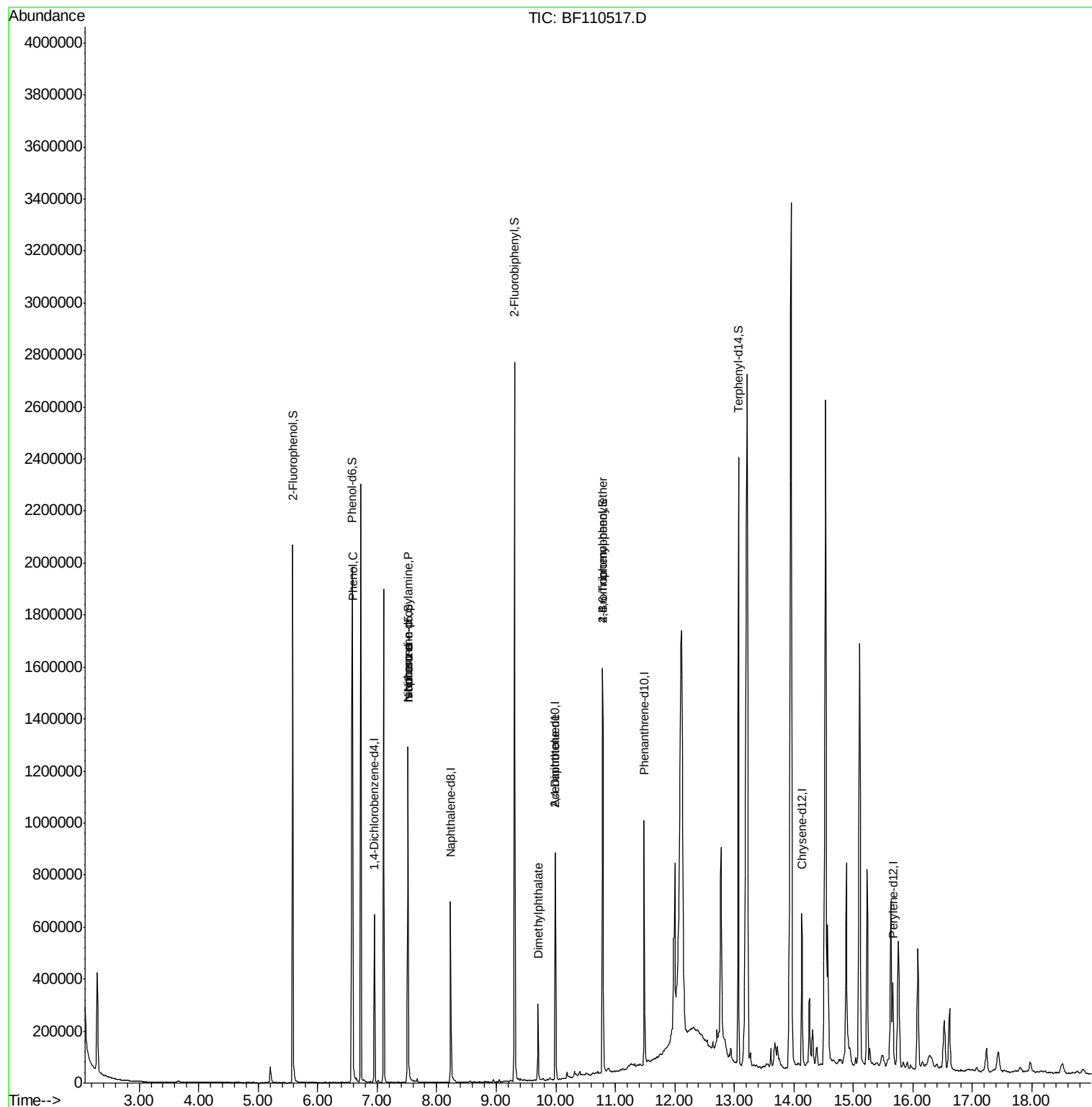
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	91648	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	374831	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	183946	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	356473	20.00	ng	0.00
76) Chrysene-d12	14.13	240	209173	20.00	ng	0.00
87) Perylene-d12	15.66	264	176070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	594449	105.62	ng	0.00
7) Phenol-d6	6.58	99	773327	107.43	ng	0.00
23) Nitrobenzene-d5	7.52	82	471507	74.61	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	184234	101.11	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	840094	71.71	ng	0.00
79) Terphenyl-d14	13.07	244	763728	75.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	875	Below Cal		97
10) Phenol	6.59	94	60539	7.868 ng	#	67
19) n-Nitroso-di-n-propylamine	7.52	70	63324	13.712 ng	#	83
25) Isophorone	7.52	82	471500	43.770 ng	#	67
50) Dimethylphthalate	9.70	163	128338	9.452 ng		99
57) 2,4-Dinitrotoluene	9.99	165	23162	6.235 ng	#	18
67) 4-Bromophenyl-phenylether	10.79	248	11994	3.102 ng	#	1

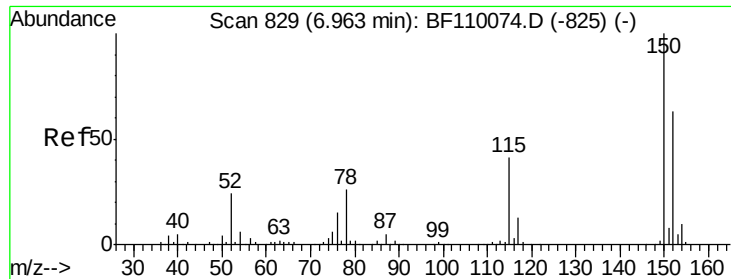
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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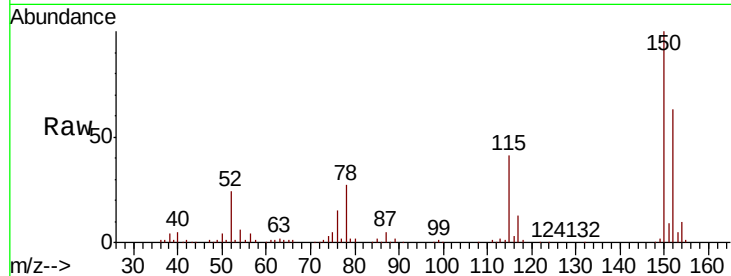


#1

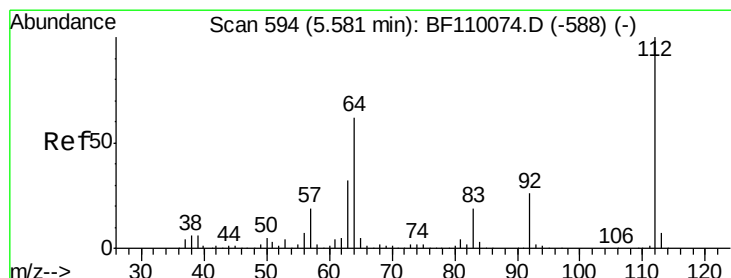
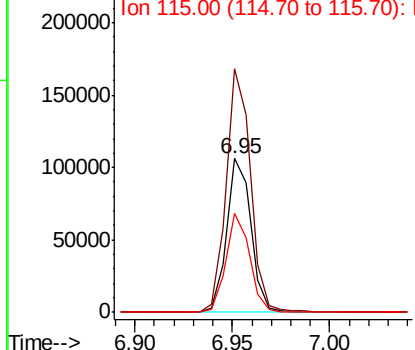
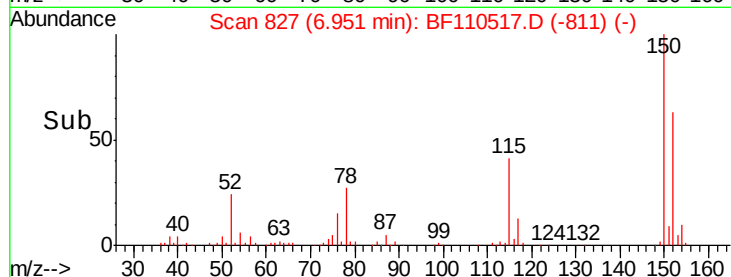
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 91648
Ion Ratio Lower Upper
152 100
150 158.7 122.7 184.1
115 64.8 49.1 73.7



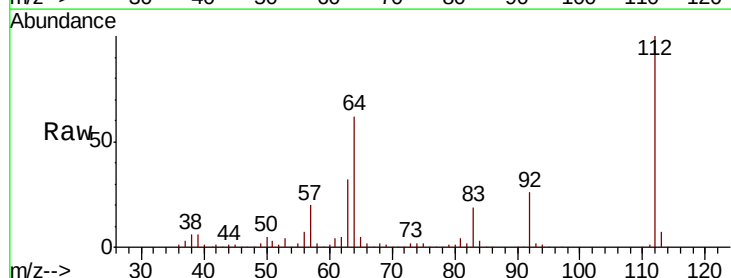
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



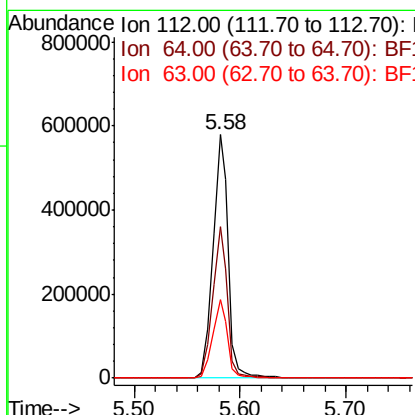
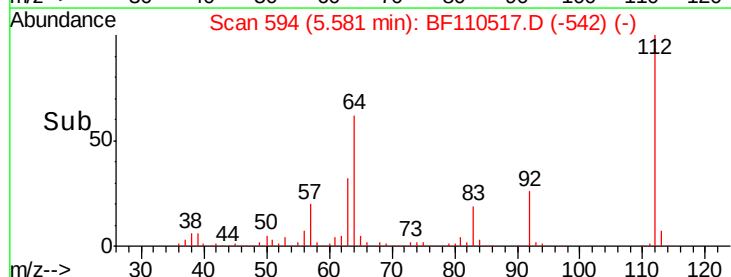
#5

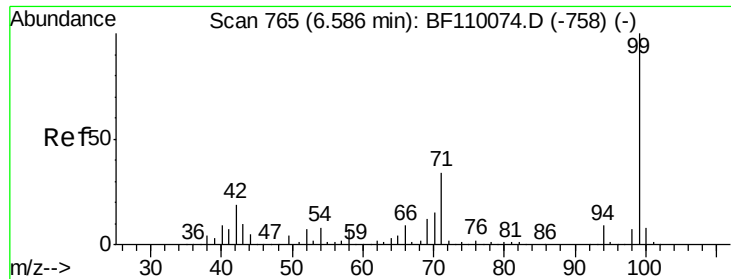
2-Fluorophenol
Concen: 105.625 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

Tgt Ion:112 Resp: 594449
Ion Ratio Lower Upper
112 100
64 62.3 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: 107.428 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110517.D

Acq: 6 Nov 2018 16:14

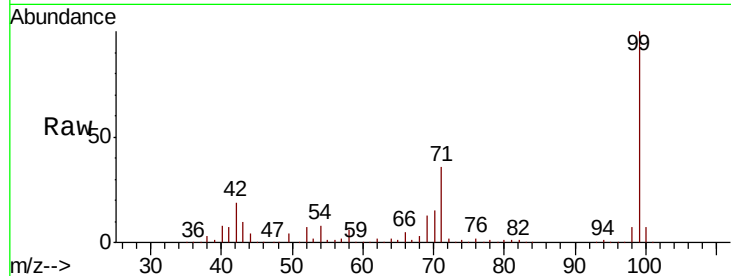
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 773327

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	35.5	28.0	42.0

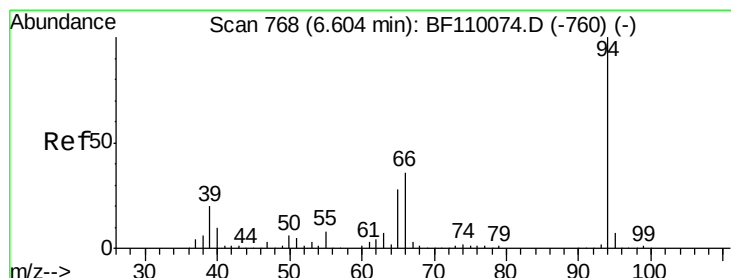
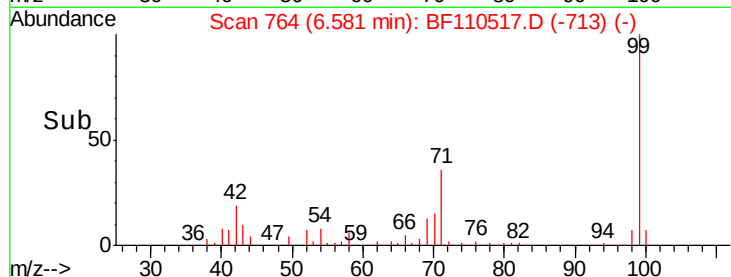
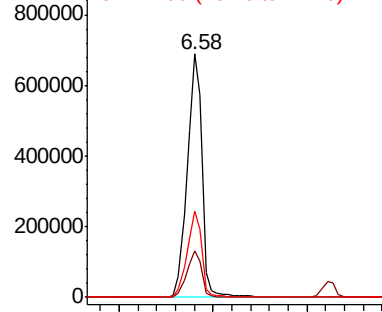


Abundance

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: 7.868 ng

RT: 6.59 min Scan# 766

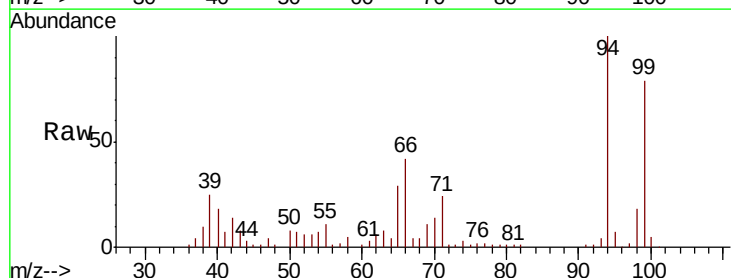
Delta R.T. -0.01 min

Lab File: BF110517.D

Acq: 6 Nov 2018 16:14

Tgt Ion: 94 Resp: 60539

Ion	Ratio	Lower	Upper
94	100		
65	29.2	25.3	65.3
66	42.3	54.5	94.5#

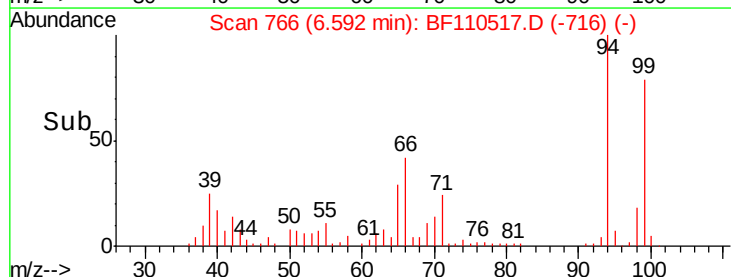
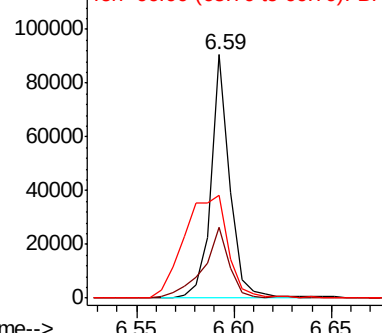


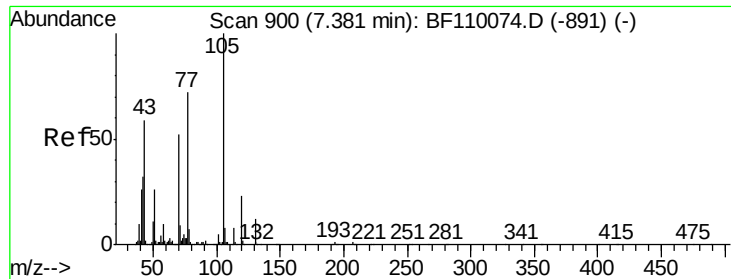
Abundance

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

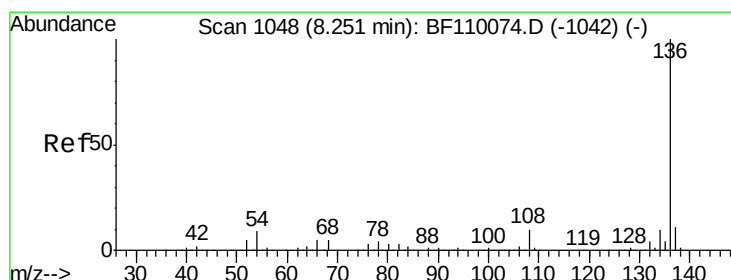
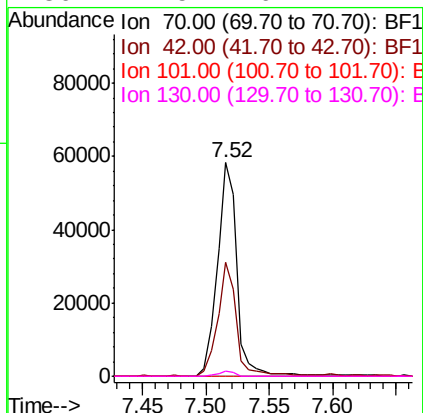
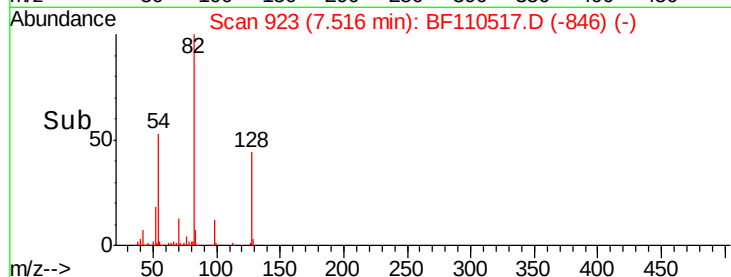
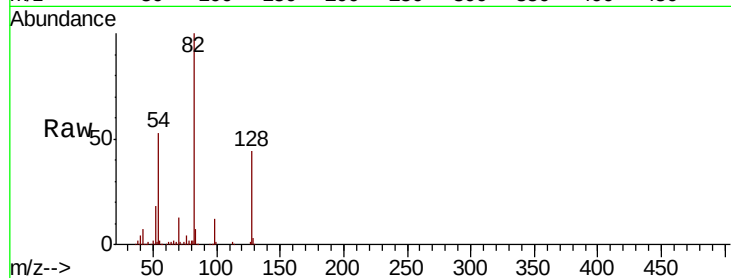




#19
n-Nitroso-di-n-propylamine
Concen: 13.712 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

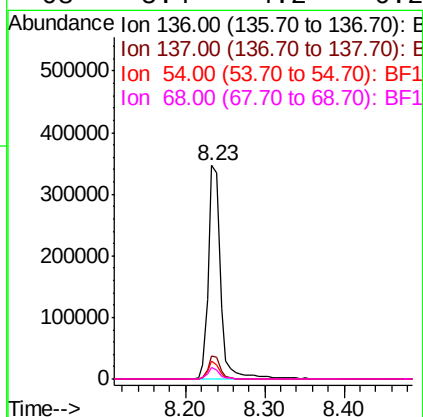
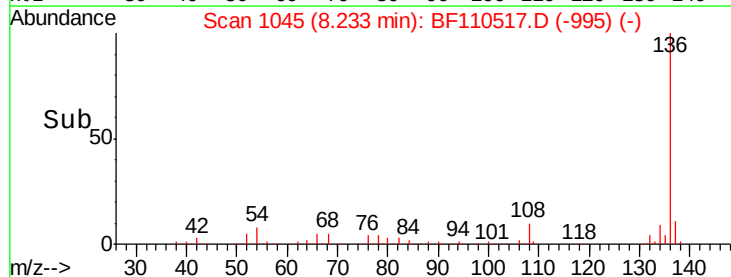
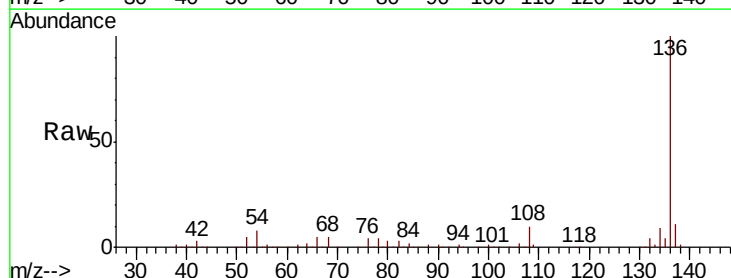
Instrument :
BNA_F
ClientSampleId :

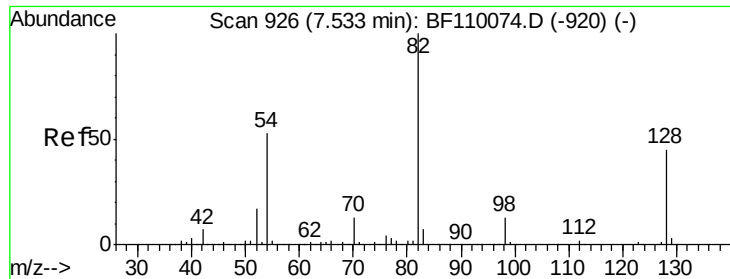
Tot Ion: 70 Resp: 63324
Ion Ratio Lower Upper
70 100
42 53.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

Tgt Ion: 136 Resp: 374831
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 5.4 8.2#
68 5.4 4.2 6.2

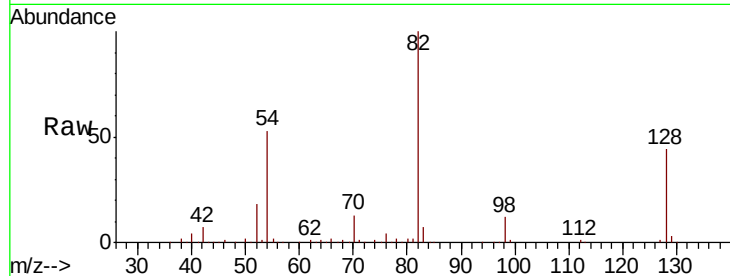




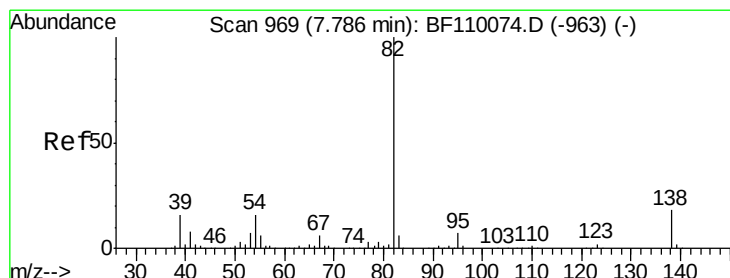
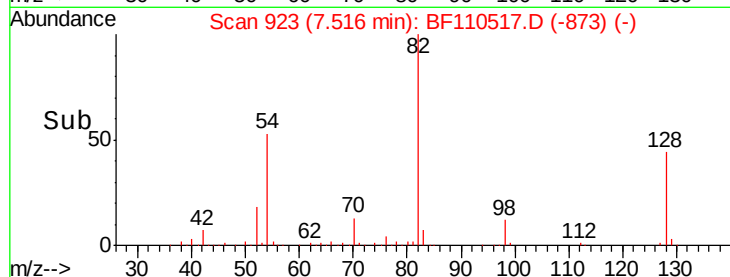
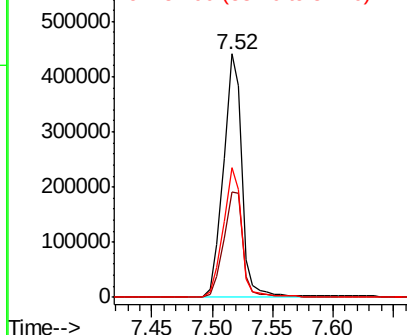
#23
Nitrobenzene-d5
Concen: 74.611 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 471507
Ion Ratio Lower Upper
82 100
128 43.5 34.2 51.2
54 53.1 38.6 58.0

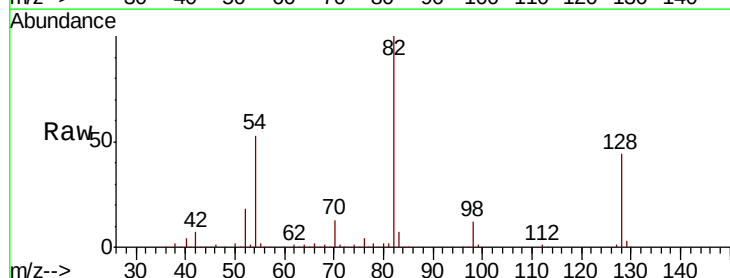


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

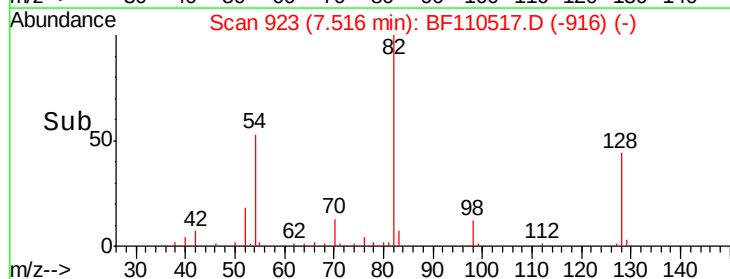
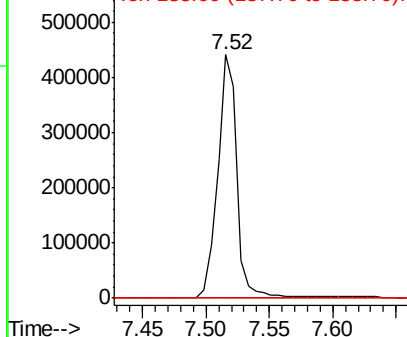


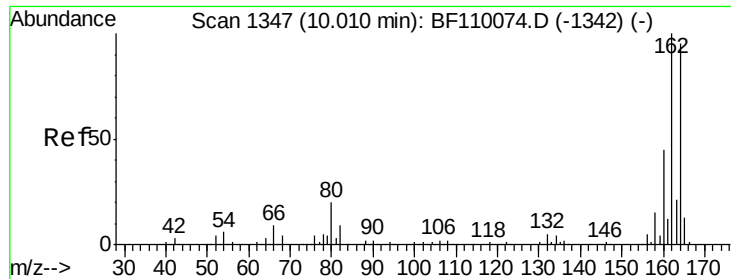
#25
Isophorone
Concen: 43.770 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

Tgt Ion: 82 Resp: 471500
Ion Ratio Lower Upper
82 100
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: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF110517.D

Acq: 6 Nov 2018 16:14

Instrument :

BNA_F

ClientSampleId :

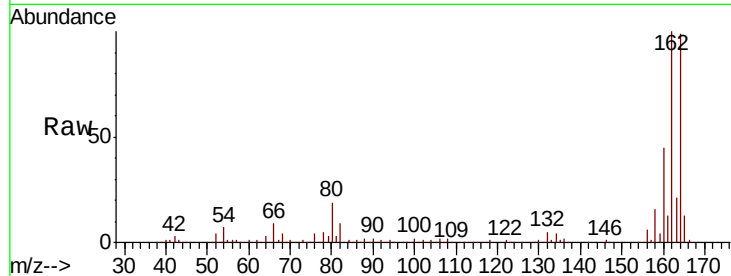
Tot Ion:164 Resp: 183946

Ion Ratio Lower Upper

164 100

162 100.8 83.0 124.6

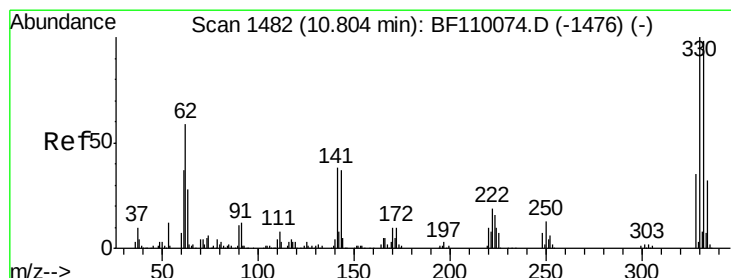
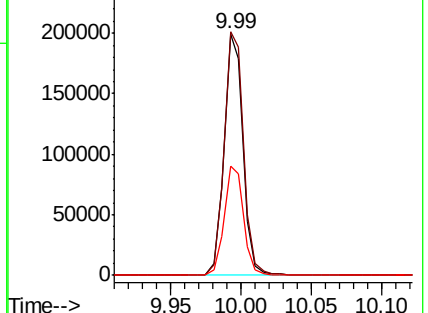
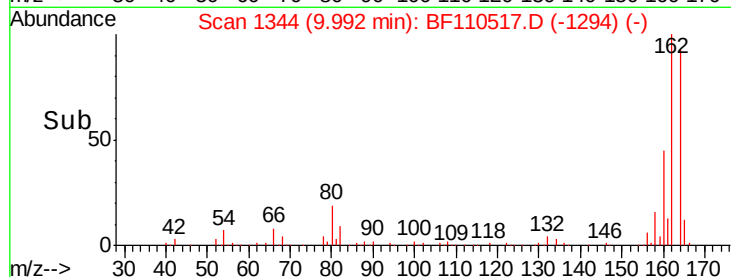
160 45.2 37.0 55.6



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: 101.110 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110517.D

Acq: 6 Nov 2018 16:14

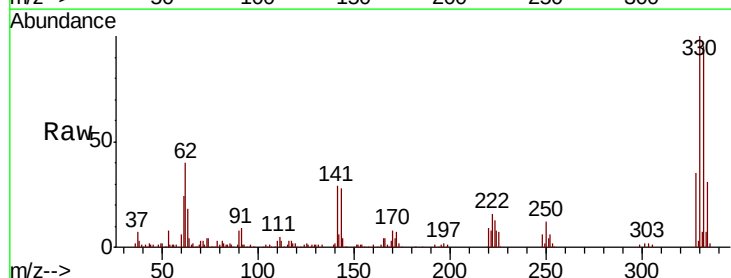
Tgt Ion:330 Resp: 184234

Ion Ratio Lower Upper

330 100

332 94.8 77.1 115.7

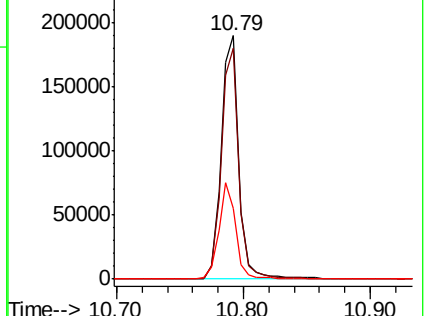
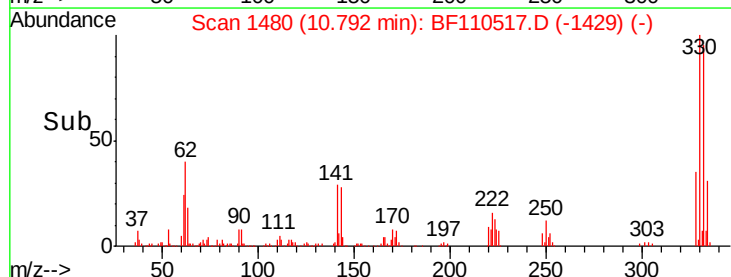
141 38.3 27.0 40.4

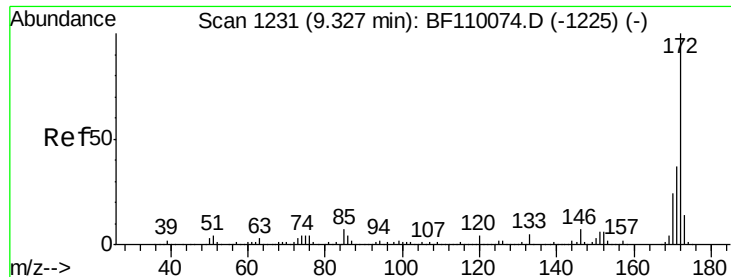


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

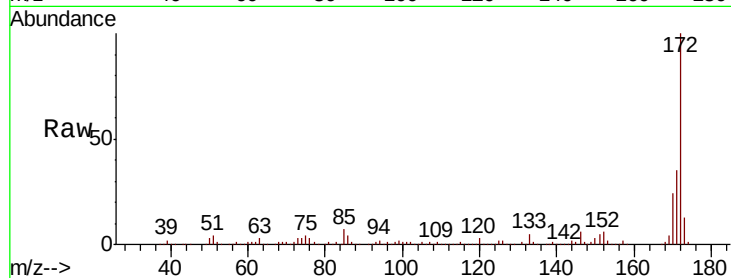




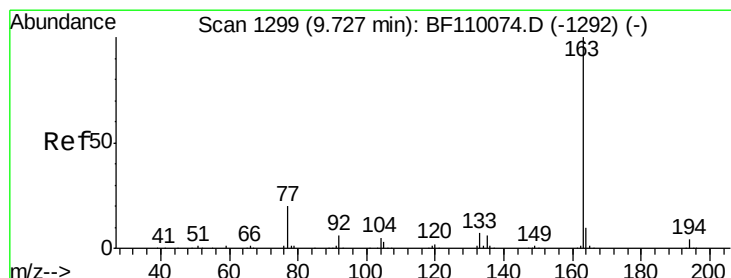
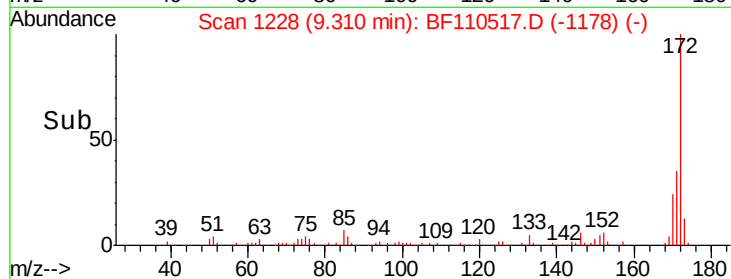
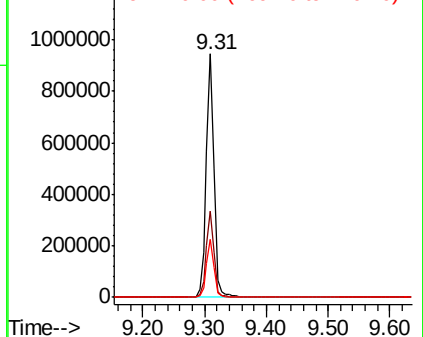
#45
 2-Fluorobiphenyl
 Concen: 71.715 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110517.D
 Acq: 6 Nov 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 840094
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.6 19.7 29.5

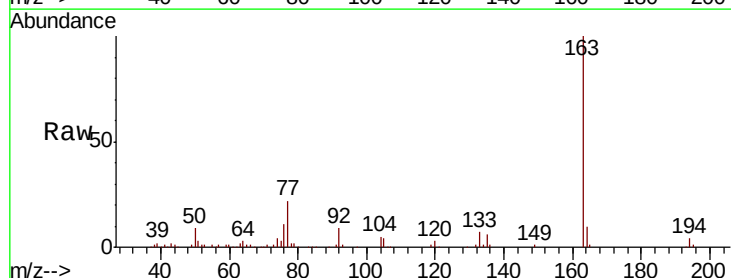


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

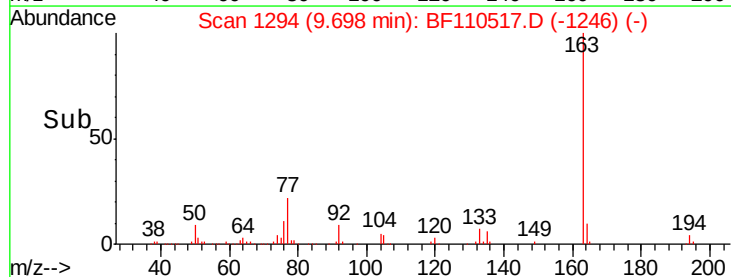
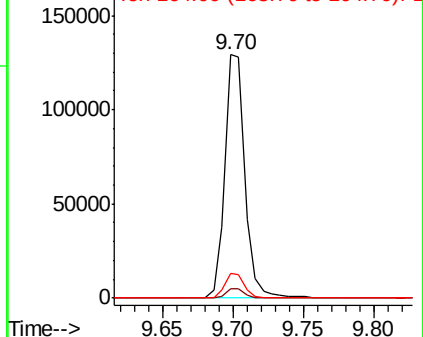


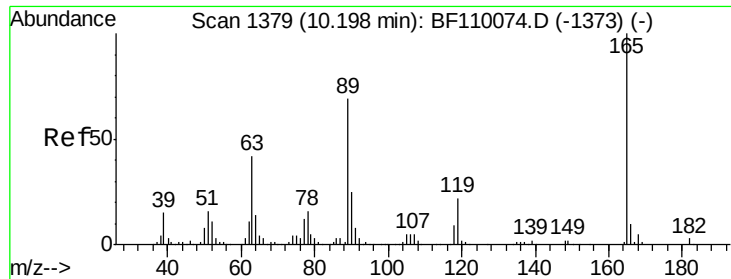
#50
 Dimethylphthalate
 Concen: 9.452 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF110517.D
 Acq: 6 Nov 2018 16:14

Tgt Ion:163 Resp: 128338
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.2 4.8
 164 10.2 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

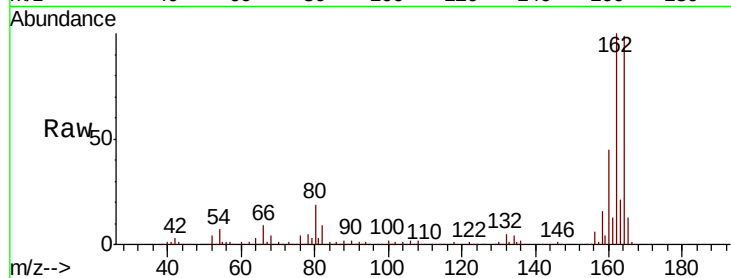




#57
 2,4-Dinitrotoluene
 Concen: 6.235 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110517.D
 Acq: 6 Nov 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#

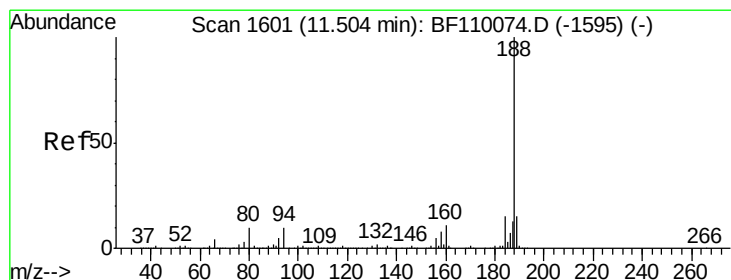
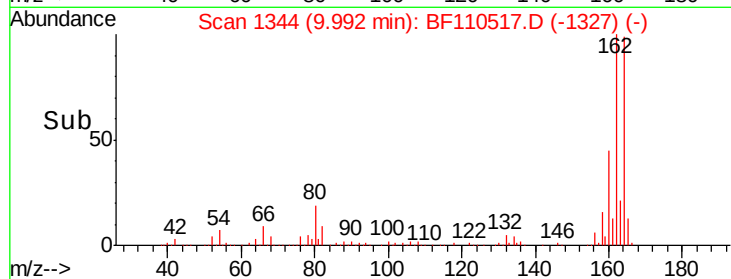
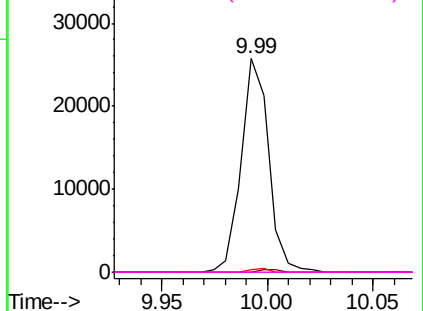


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

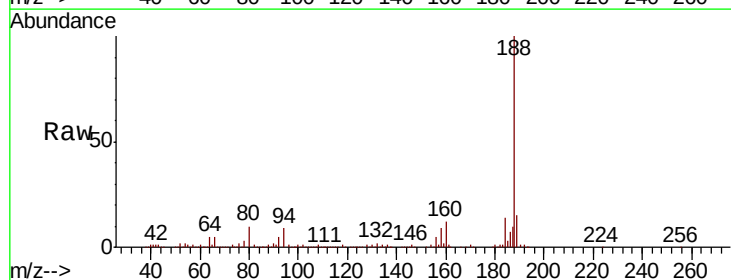
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110517.D
 Acq: 6 Nov 2018 16:14

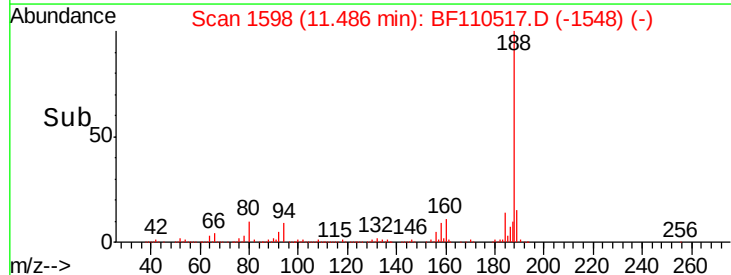
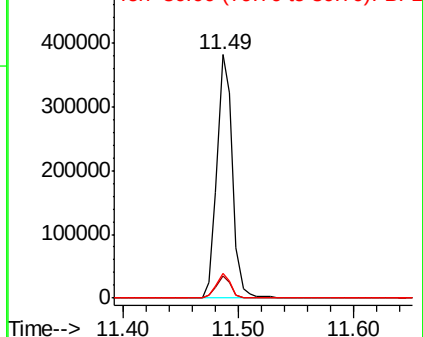
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.0	7.9	11.9

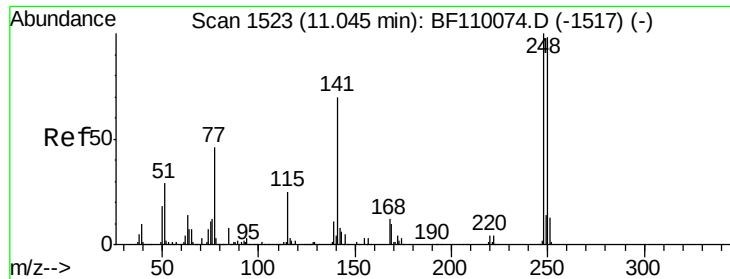


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

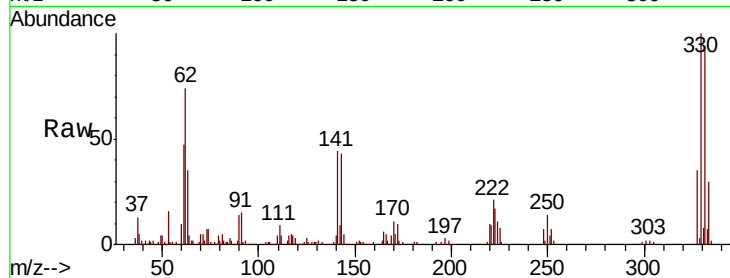




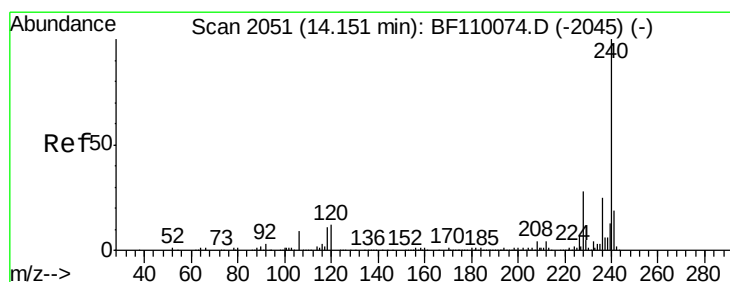
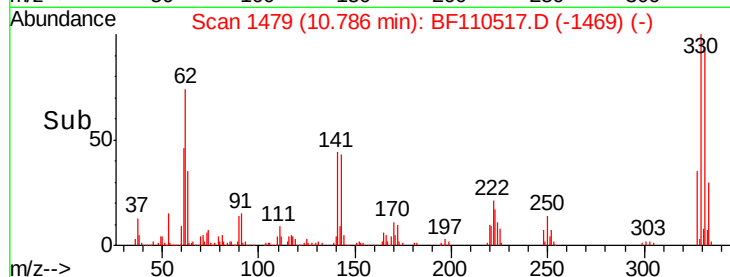
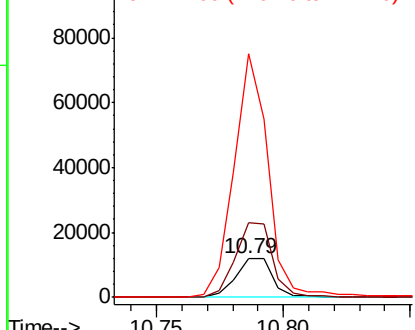
#67
4-Bromophenyl-phenylether
Concen: 3.102 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11994
Ion Ratio Lower Upper
248 100
250 194.2 79.4 119.2#
141 629.8 55.9 83.9#

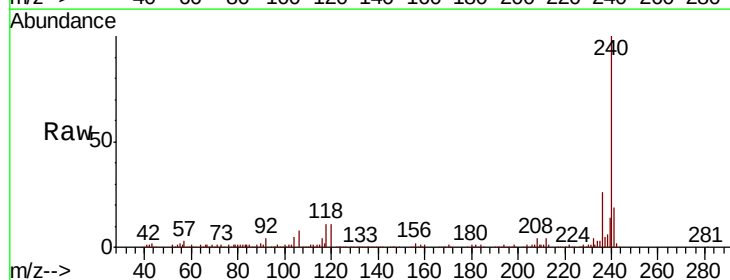


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

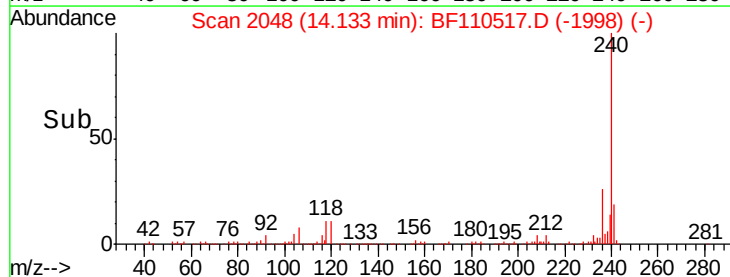
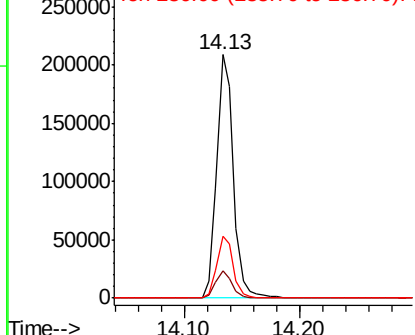


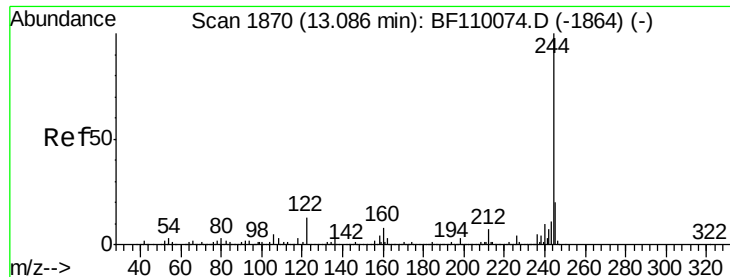
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

Tgt Ion:240 Resp: 209173
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 25.6 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: 75.934 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110517.D

Acq: 6 Nov 2018 16:14

Instrument :

BNA_F

ClientSampled :

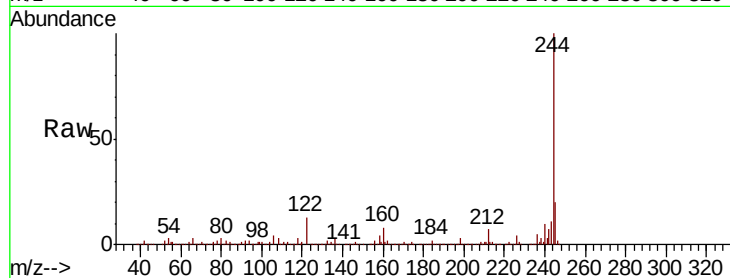
Tot Ion:244 Resp: 763728

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

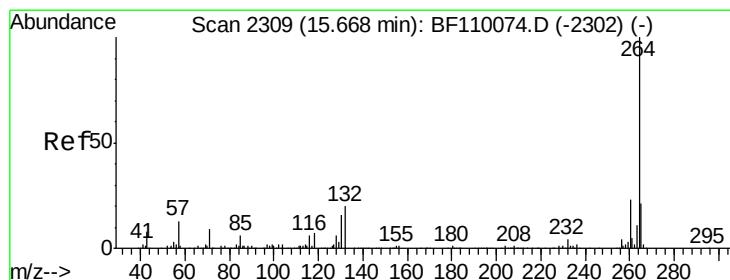
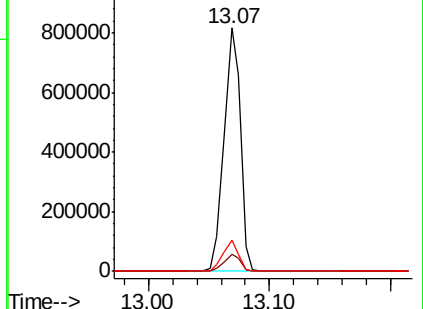
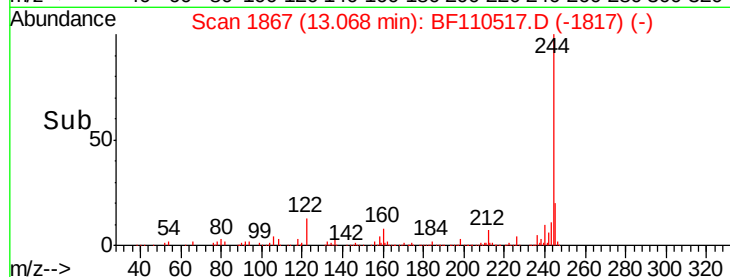
122 13.0 8.7 13.1



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: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110517.D

Acq: 6 Nov 2018 16:14

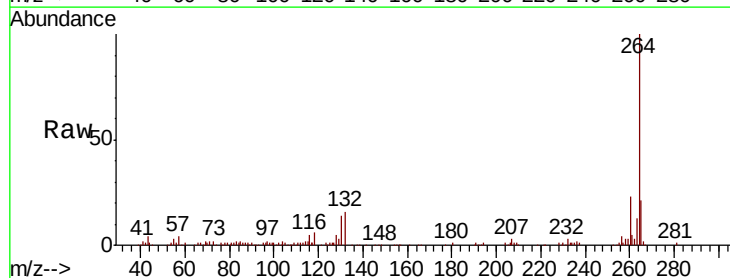
Tgt Ion:264 Resp: 176070

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 20.6 16.7 25.1



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

