

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110105.D
 Acq On : 24 Oct 2018 10:46
 Operator : JU/SJ
 Sample : J5622-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:09:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	167229	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	649444	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	294677	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	491007	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	315231	20.00	ng	-0.02
87) Perylene-d12	15.67	264	332033	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1269412	123.61	ng	0.00
7) Phenol-d6	6.59	99	1603840	122.10	ng	-0.01
23) Nitrobenzene-d5	7.53	82	995516	90.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	347685	119.11	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1687694	89.93	ng	-0.02
79) Terphenyl-d14	13.09	244	1287918	84.97	ng	-0.02

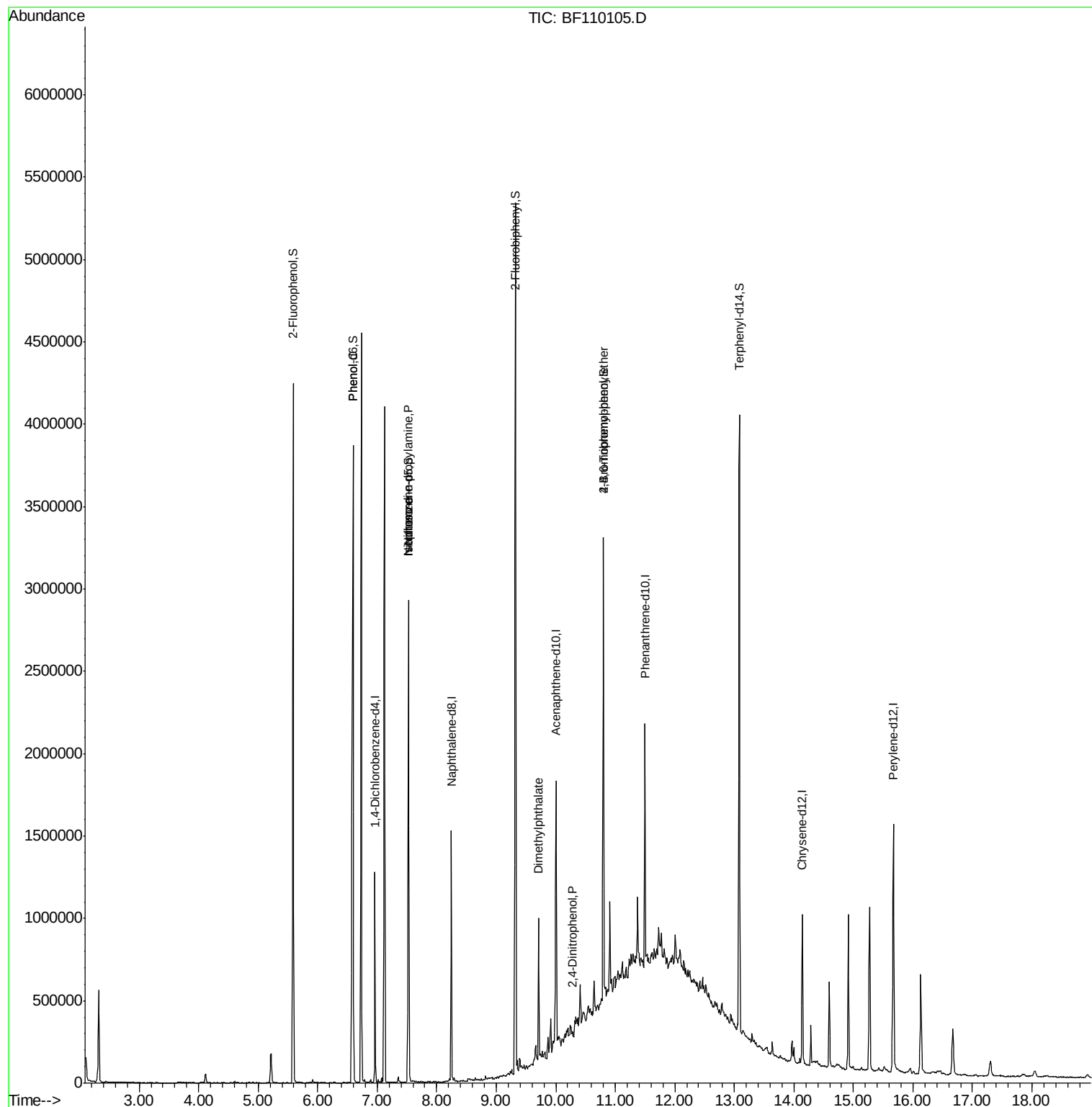
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	4423	Below Cal		# 1
10) Phenol	6.60	94	230747	16.434	ng	# 67
19) n-Nitroso-di-n-propylamine	7.53	70	134852	16.003	ng	# 79
25) Isophorone	7.53	82	995507	53.337	ng	# 67
50) Dimethylphthalate	9.71	163	253154	11.638	ng	# 99
54) 2,4-Dinitrophenol	10.29	184	250	5.301	ng	# 60
67) 4-Bromophenyl-phenylether	10.80	248	22986	4.316	ng	# 1

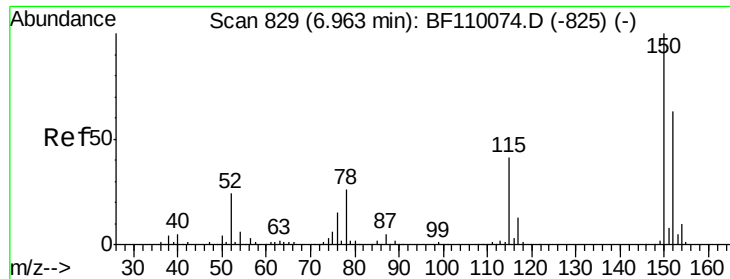
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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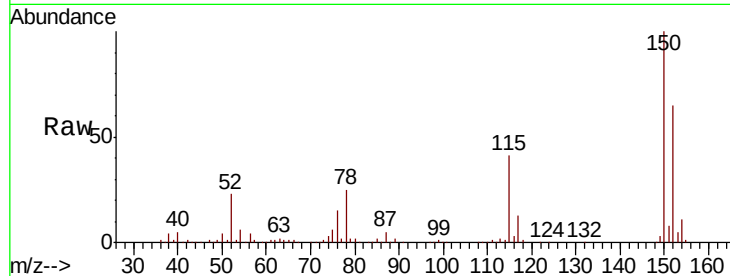


#1

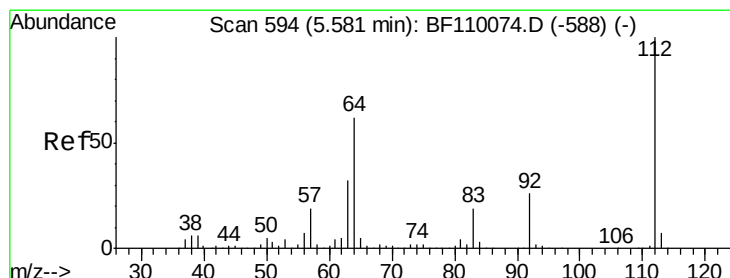
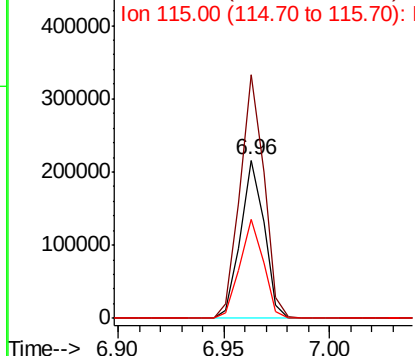
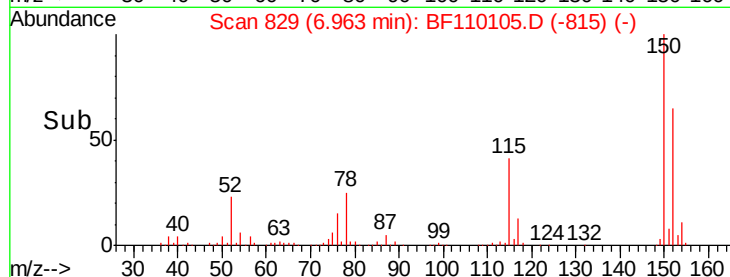
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167229
Ion Ratio Lower Upper
152 100
150 153.8 122.7 184.1
115 62.6 49.1 73.7



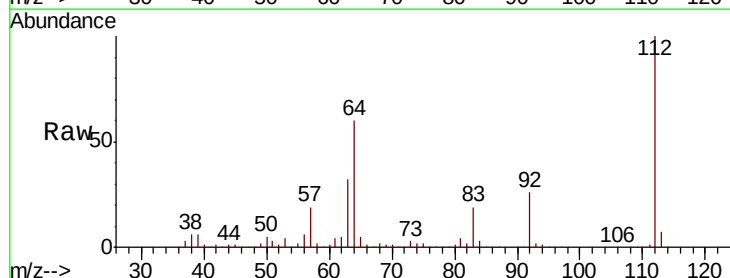
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



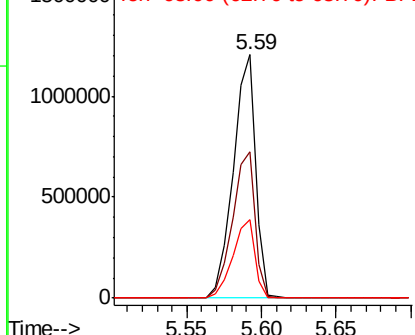
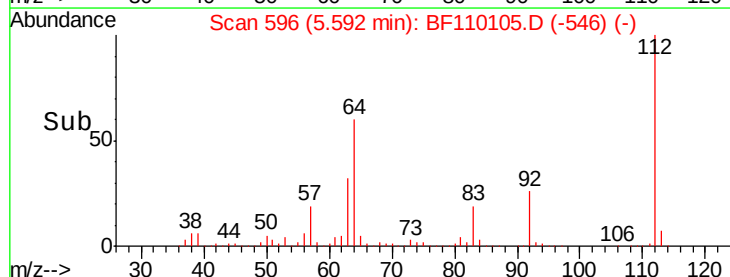
#5

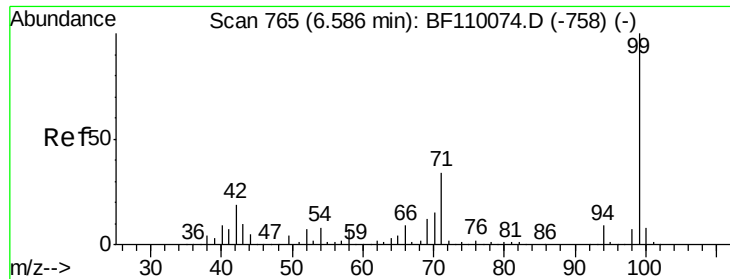
2-Fluorophenol
Concen: 123.614 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Tgt Ion:112 Resp: 1269412
Ion Ratio Lower Upper
112 100
64 59.9 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: 122.103 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

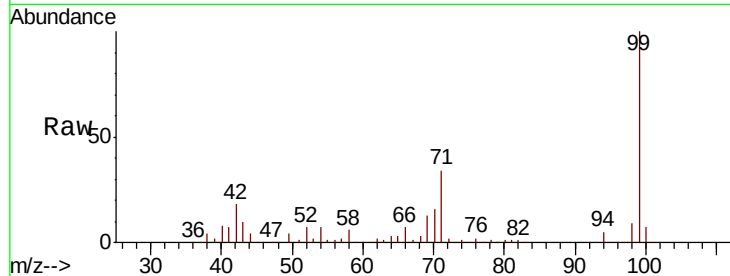
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1603840

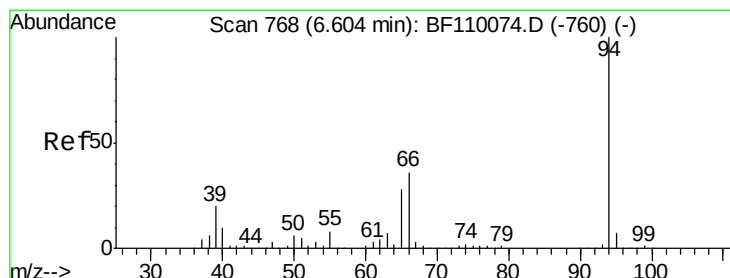
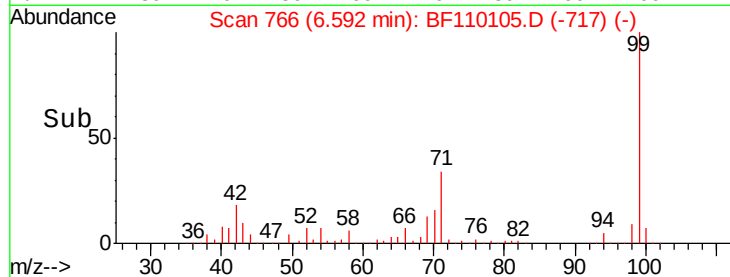
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	34.2	28.0	42.0



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: 16.434 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

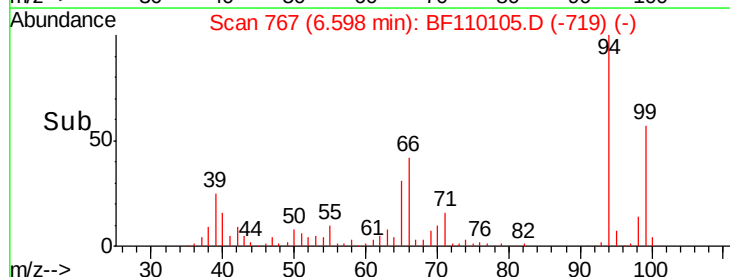
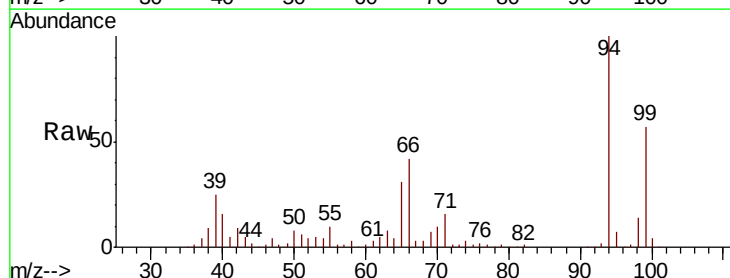
Tgt Ion: 94 Resp: 230747

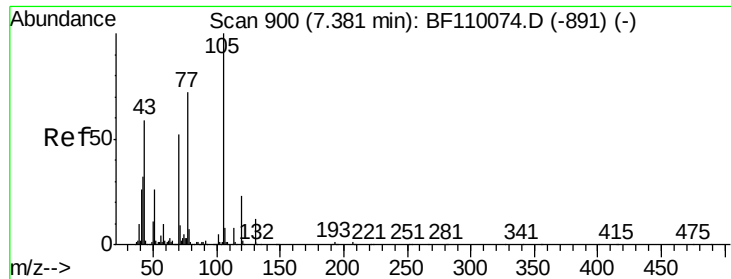
Ion	Ratio	Lower	Upper
94	100		
65	30.6	25.3	65.3
66	41.5	54.5	94.5#

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

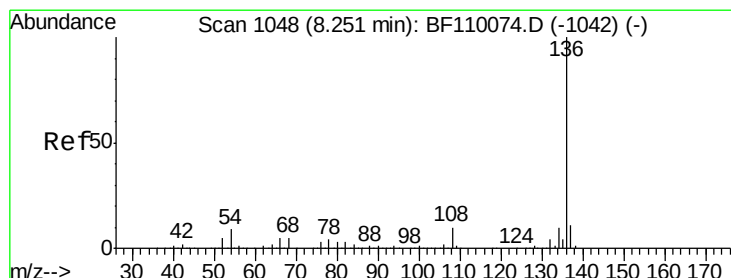
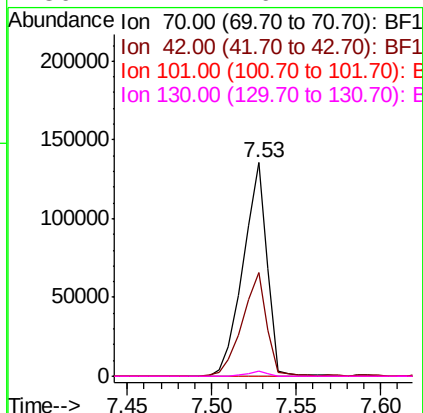
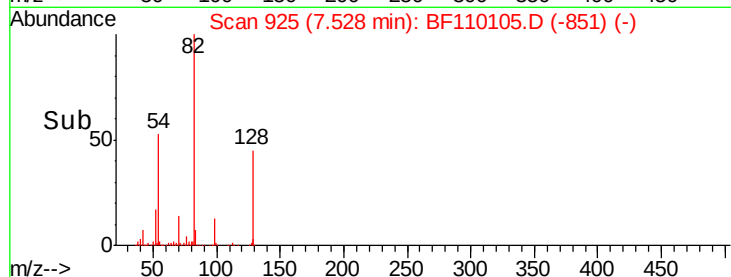
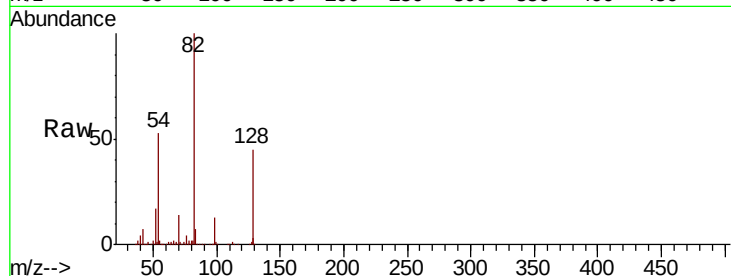




#19
n-Nitroso-di-n-propylamine
Concen: 16.003 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

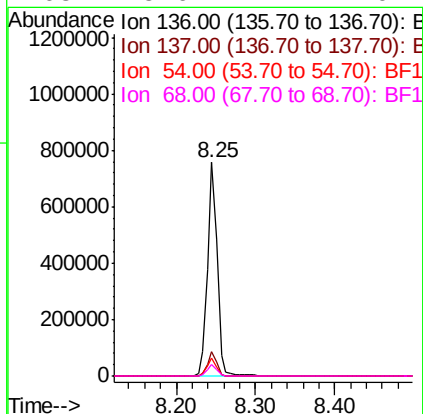
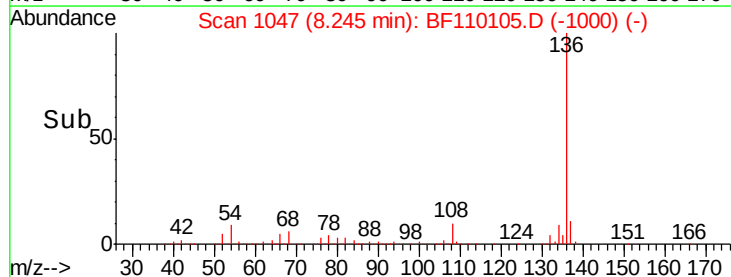
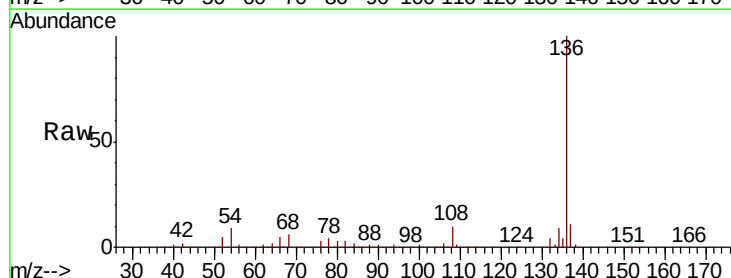
Instrument :
BNA_F
ClientSampleId :

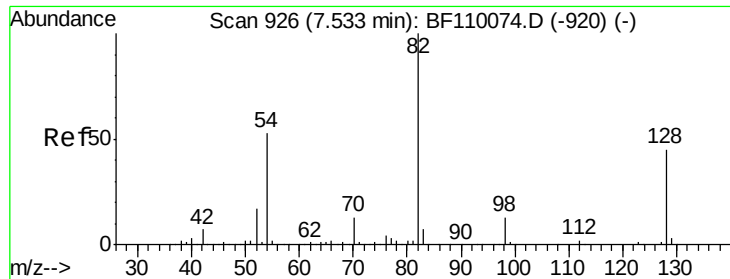
Tot Ion: 70 Resp: 134852
Ion Ratio Lower Upper
70 100
42 48.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Tgt Ion: 136 Resp: 649444
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 5.4 8.2#
68 5.6 4.2 6.2

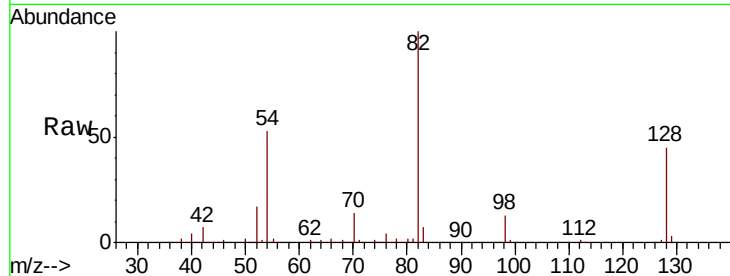




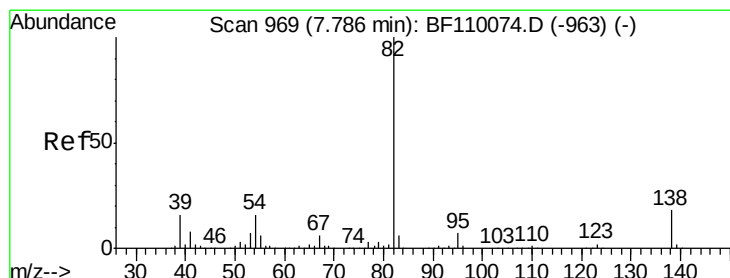
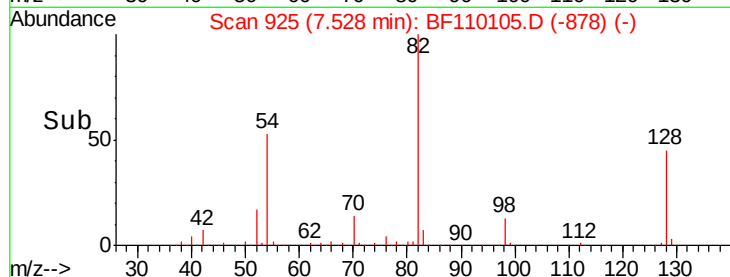
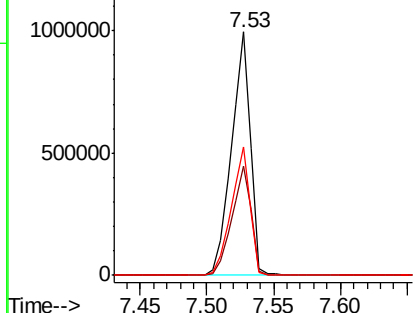
#23
Nitrobenzene-d5
Concen: 90.920 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	995516
Ion Ratio	Lower	Upper	
82	100		
128	44.7	34.2	51.2
54	52.7	38.6	58.0

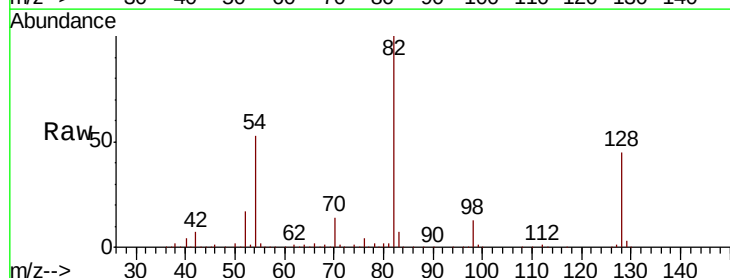


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

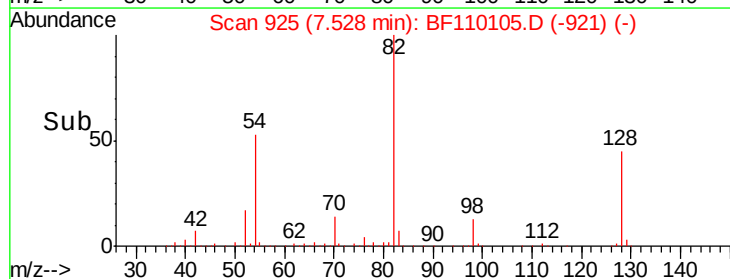
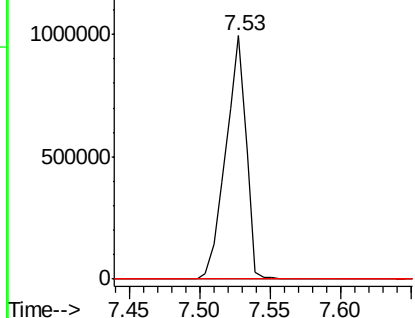


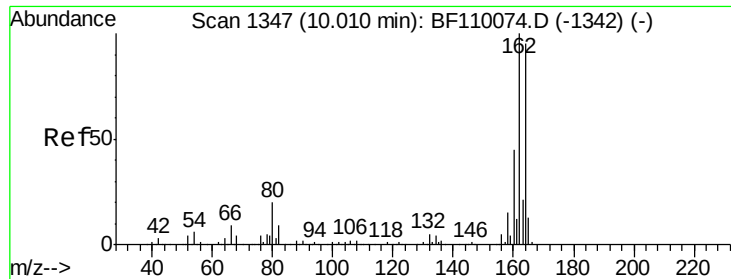
#25
Isophorone
Concen: 53.337 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Tgt Ion	82	Resp	995507
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

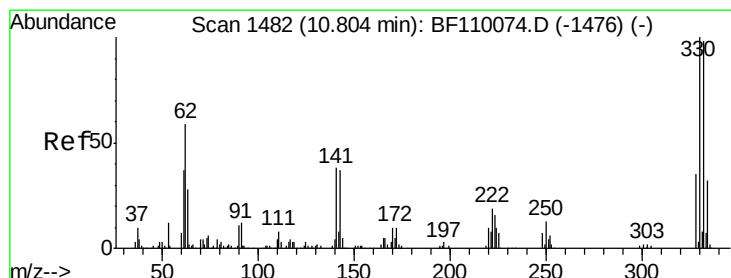
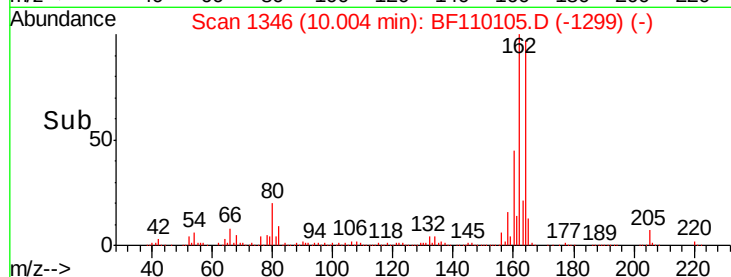
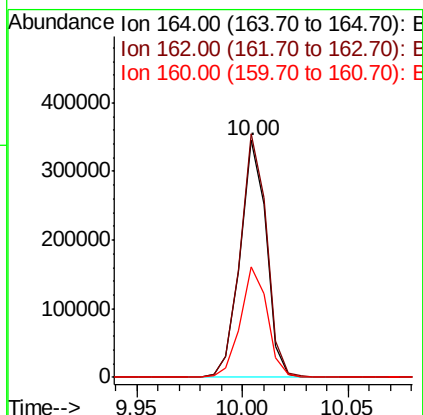
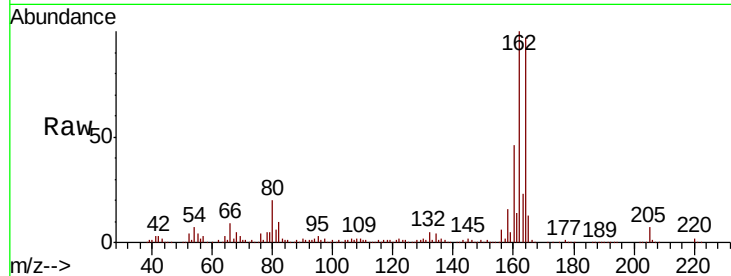




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

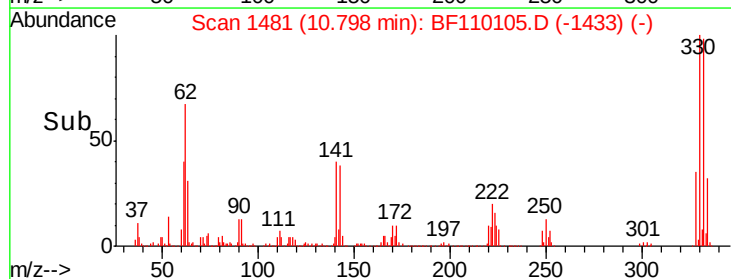
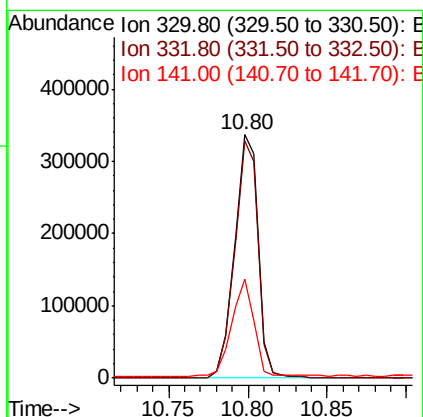
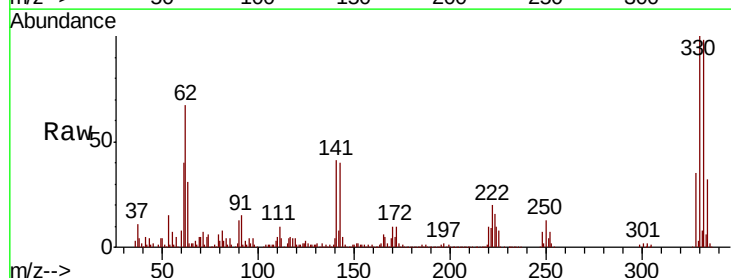
Instrument :
BNA_F
ClientSampleId :

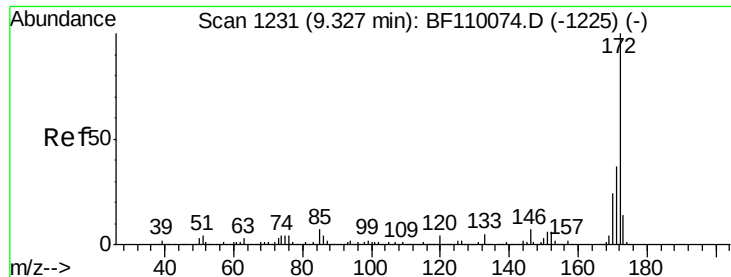
Tot Ion:164 Resp: 294677
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.6
160 46.7 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 119.112 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Tgt Ion:330 Resp: 347685
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 39.3 27.0 40.4

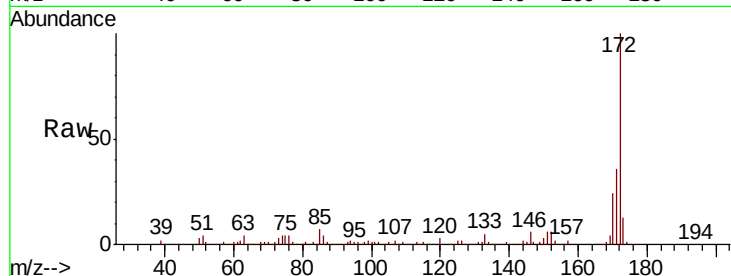




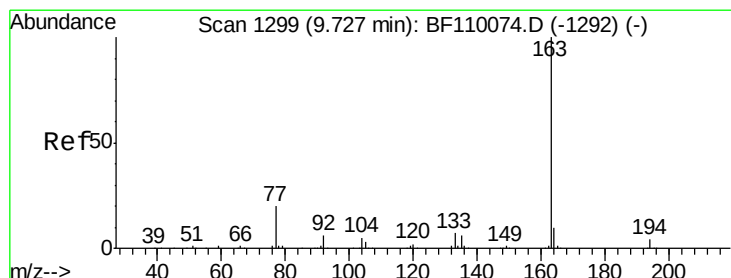
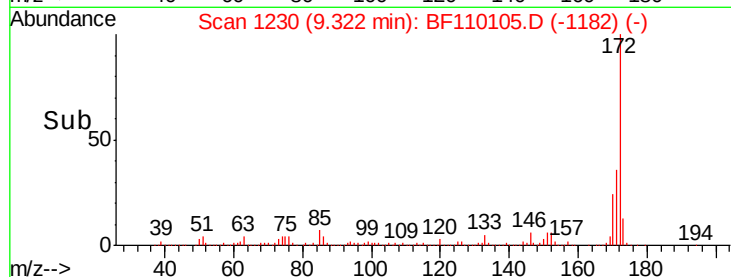
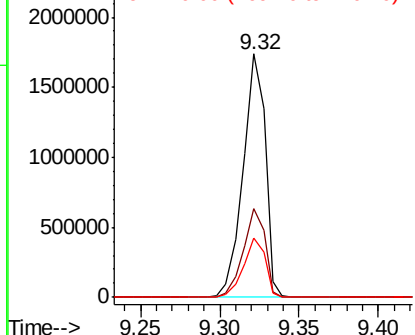
#45
2-Fluorobiphenyl
Concen: 89.933 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1687694
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.3 19.7 29.5

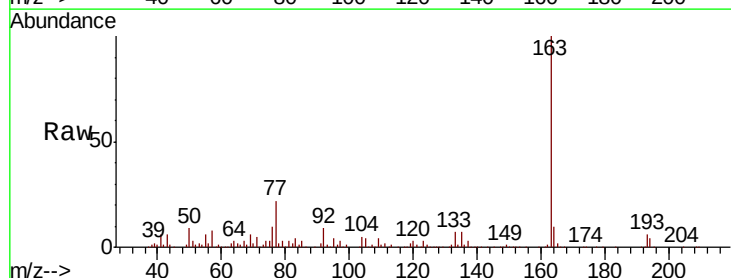


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

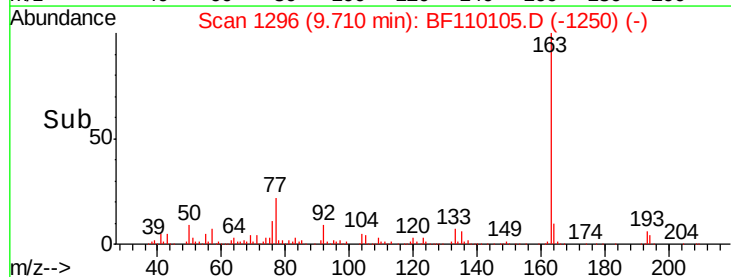
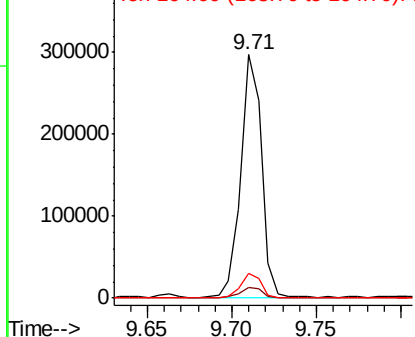


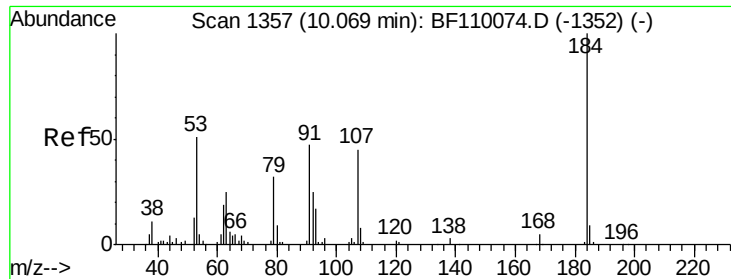
#50
Dimethylphthalate
Concen: 11.638 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Tgt Ion:163 Resp: 253154
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.0 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

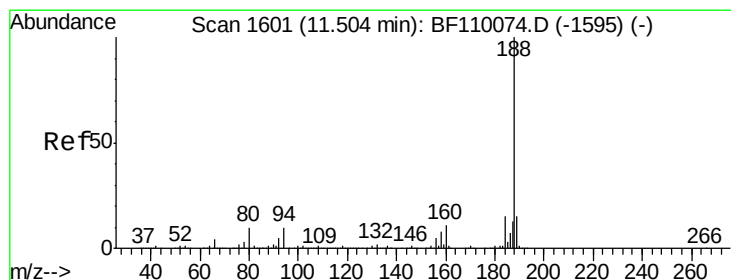
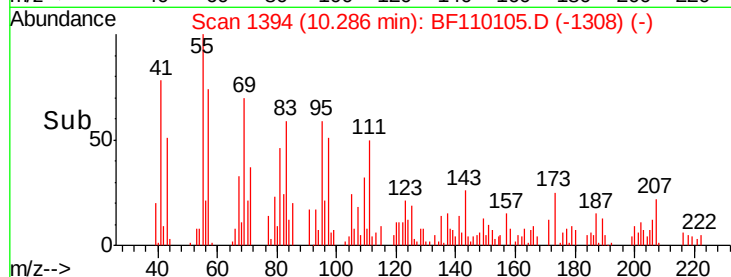
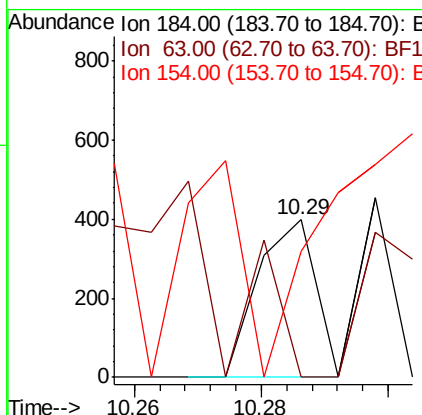
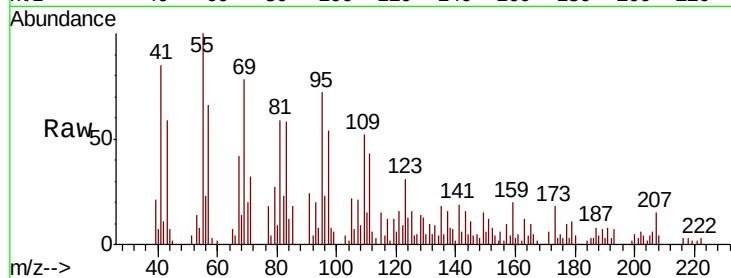




#54
 2,4-Dinitrophenol
 Concen: 5.301 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.21 min
 Lab File: BF110105.D
 Acq: 24 Oct 2018 10:46

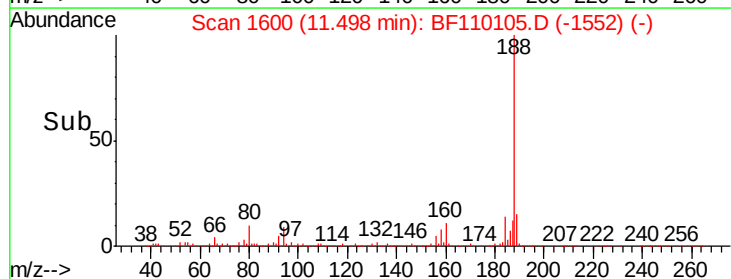
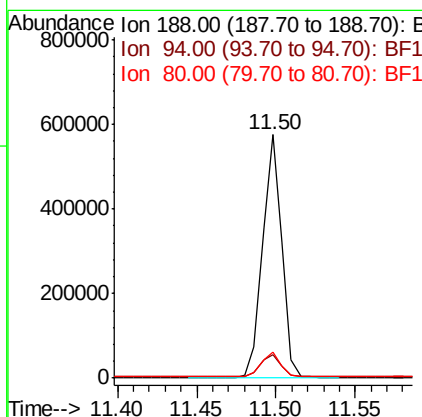
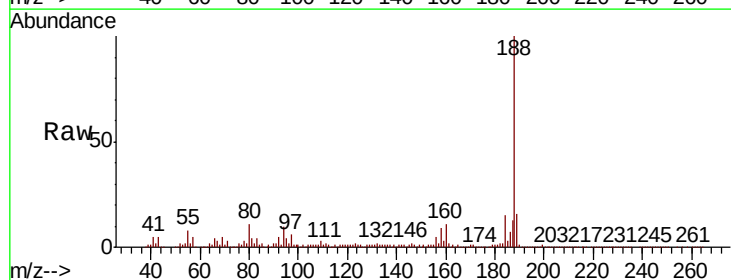
Instrument :
 BNA_F
 ClientSampled :

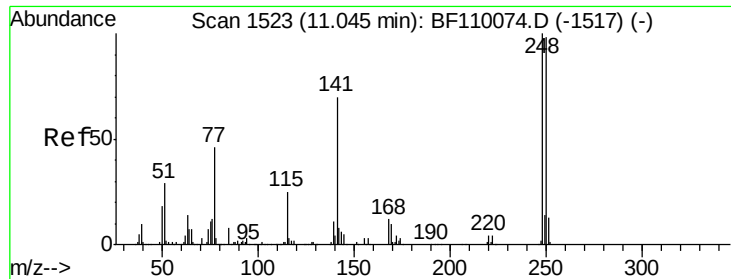
Tot Ion:184 Resp: 250
 Ion Ratio Lower Upper
 184 100
 63 0.0 55.8 83.6#
 154 79.4 63.2 94.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF110105.D
 Acq: 24 Oct 2018 10:46

Tgt Ion:188 Resp: 491007
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.2 10.8
 80 10.6 7.9 11.9

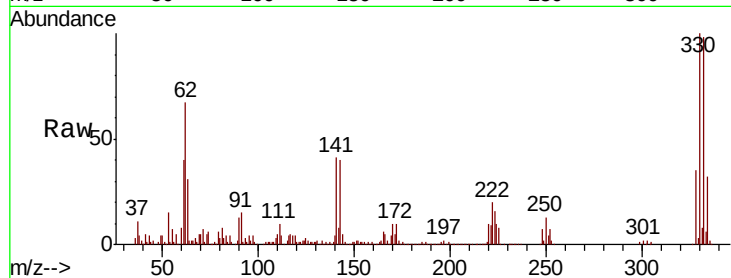




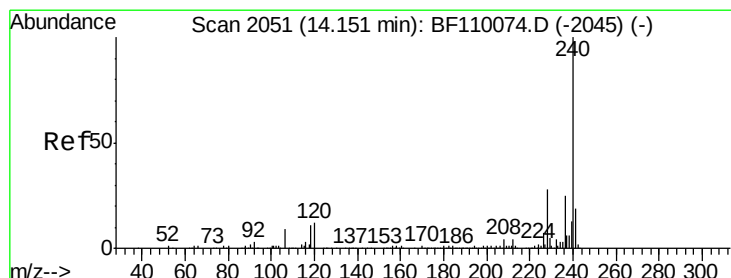
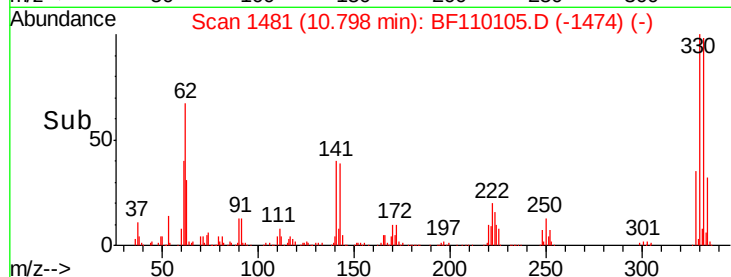
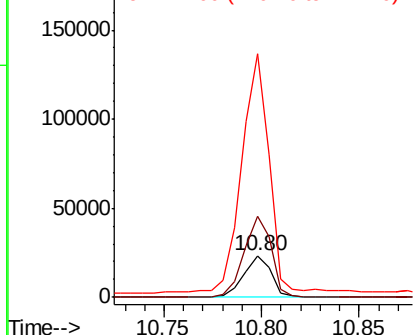
#67
4-Bromophenyl-phenylether
Concen: 4.316 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 22986
Ion Ratio Lower Upper
248 100
250 194.5 79.4 119.2#
141 587.3 55.9 83.9#

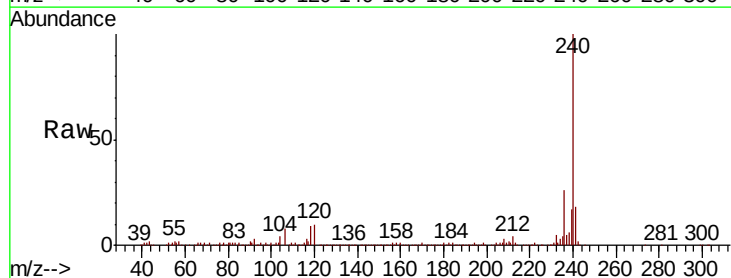


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

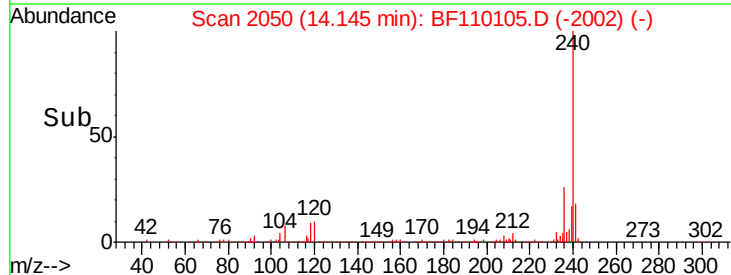
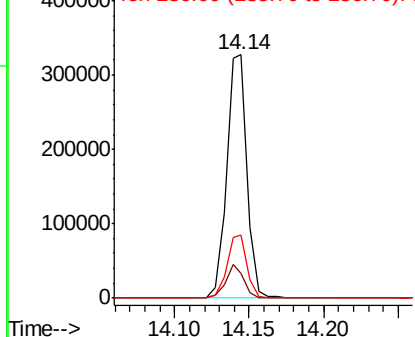


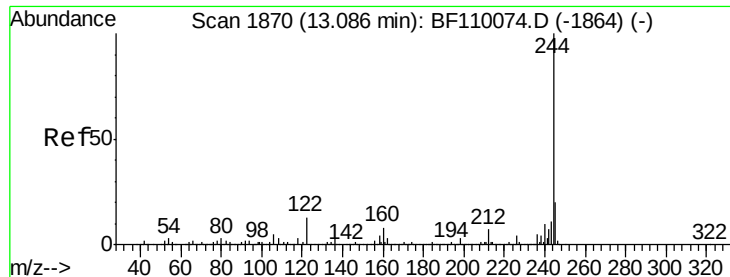
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Tgt Ion:240 Resp: 315231
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 25.7 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: 84.969 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

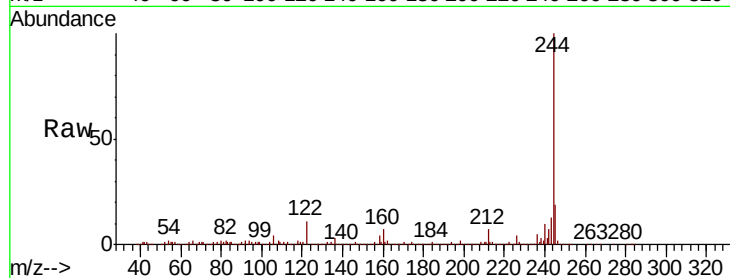
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1287918

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.2	8.7	13.1

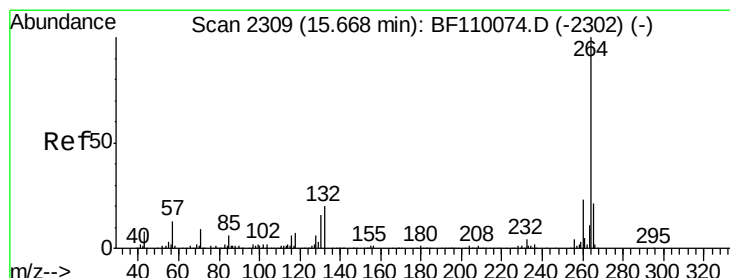
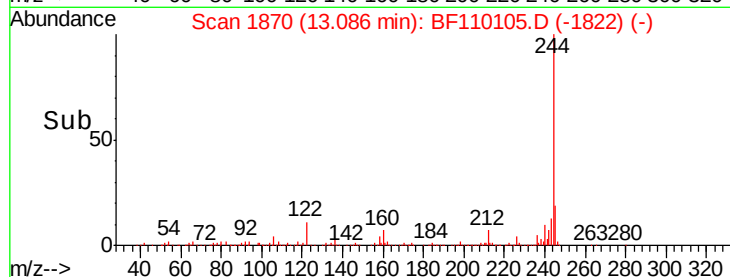
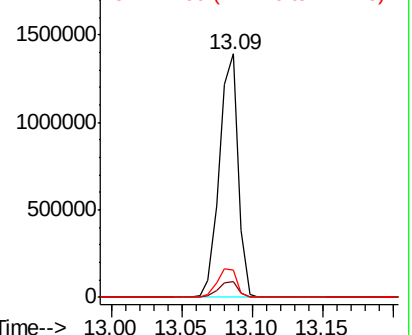


Abundance

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: 15.67 min Scan# 2309

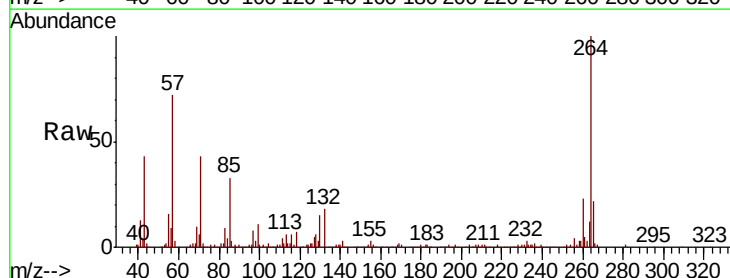
Delta R.T. -0.02 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

Tgt Ion:264 Resp: 332033

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	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

