

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110510.D
 Acq On : 6 Nov 2018 12:57
 Operator : JU/SJ
 Sample : J5819-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 13:59:10 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

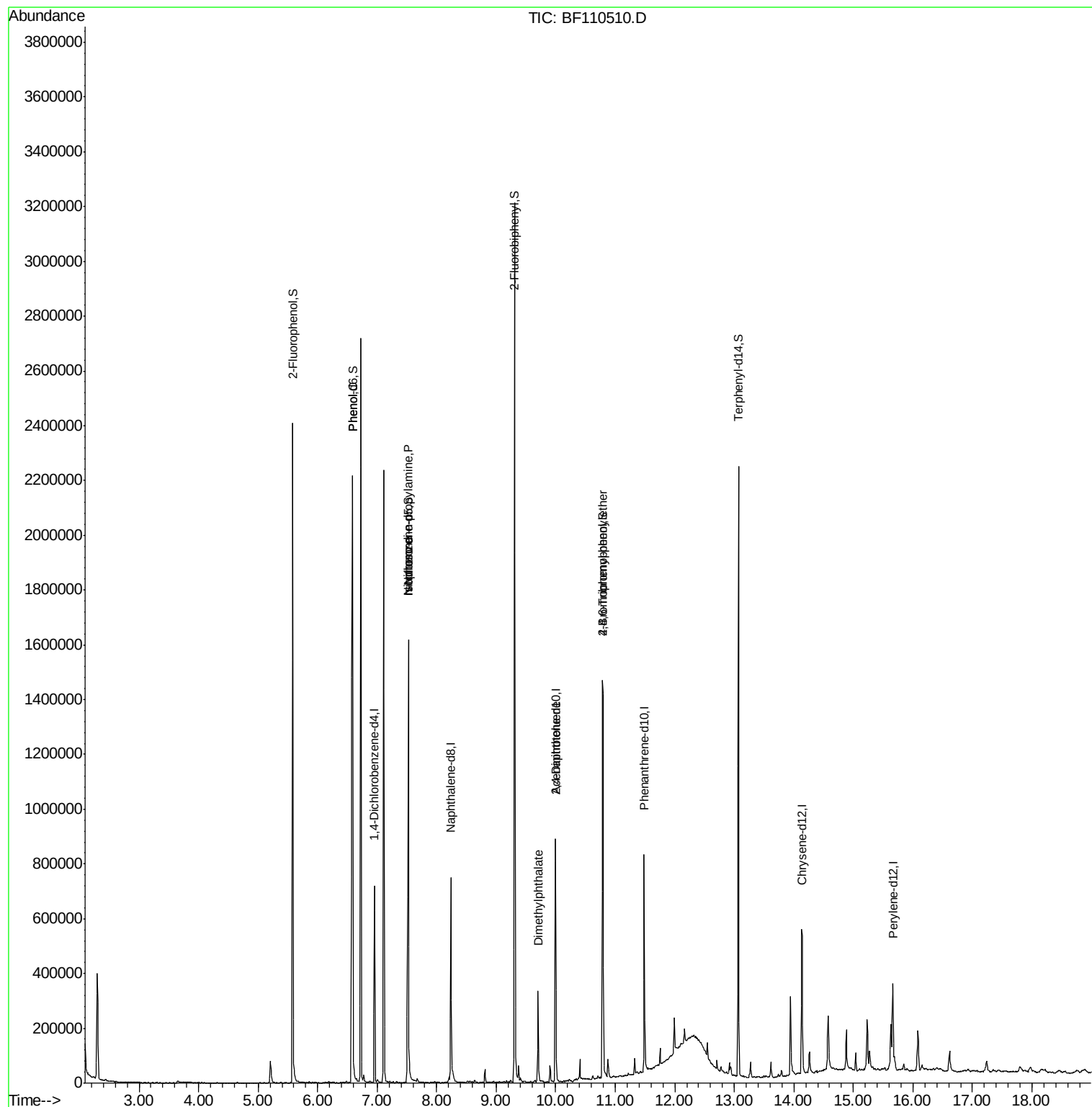
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	106530	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	425622	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	187116	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	301933	20.00	ng	0.00
76) Chrysene-d12	14.13	240	192001	20.00	ng	0.00
87) Perylene-d12	15.66	264	156181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	695274	106.28	ng	0.00
7) Phenol-d6	6.59	99	903412	107.97	ng	0.00
23) Nitrobenzene-d5	7.52	82	569156	79.32	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	186057	100.38	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	984976	82.66	ng	0.00
79) Terphenyl-d14	13.07	244	704249	76.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	850	Below Cal		96
10) Phenol	6.59	94	72163	8.068 ng	#	71
19) n-Nitroso-di-n-propylamine	7.52	70	74330	13.847 ng	#	79
25) Isophorone	7.52	82	569153	46.530 ng	#	67
50) Dimethylphthalate	9.70	163	146835	10.631 ng		99
57) 2,4-Dinitrotoluene	10.00	165	23886	6.321 ng	#	20
67) 4-Bromophenyl-phenylether	10.79	248	11908	3.636 ng	#	1

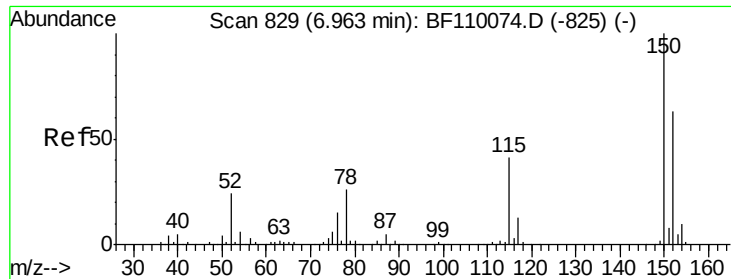
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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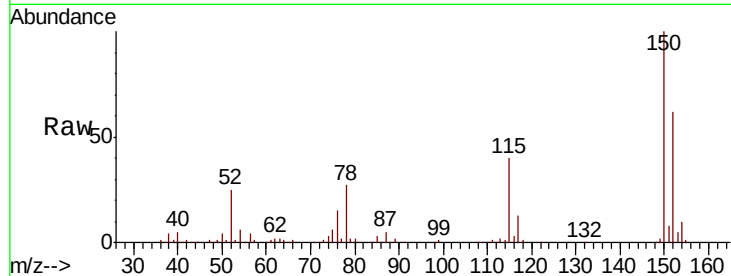


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110510.D
Acq: 6 Nov 2018 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	122.7	184.1
115	65.4	49.1	73.7

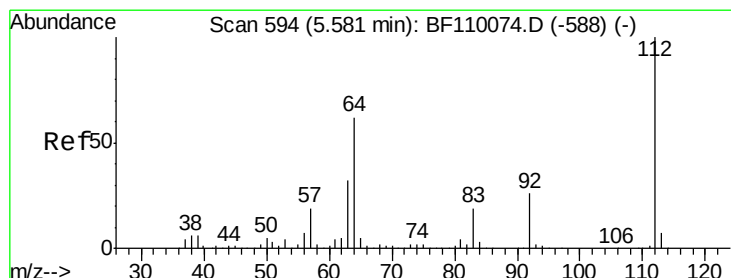
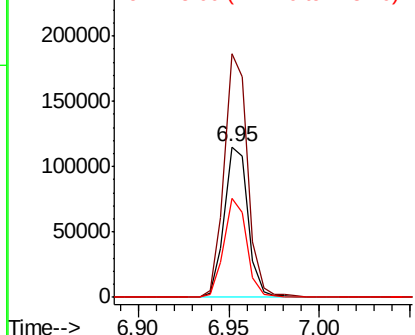
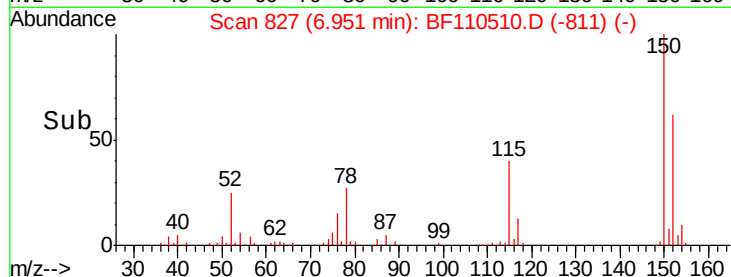


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

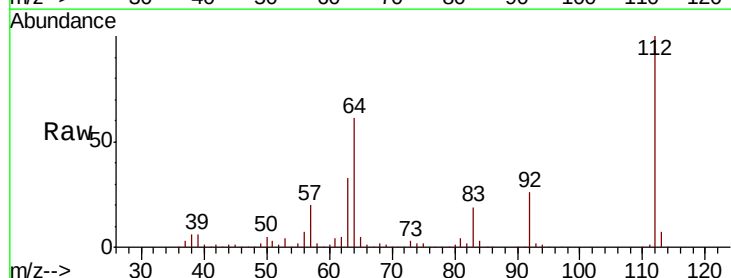
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.282 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110510.D
Acq: 6 Nov 2018 12:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	44.1	66.1
63	32.6	23.7	35.5

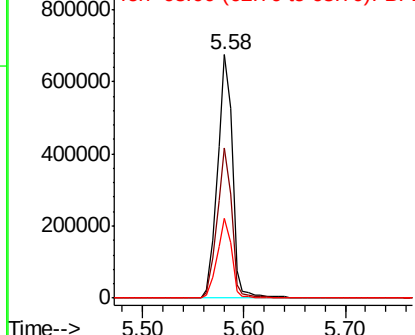
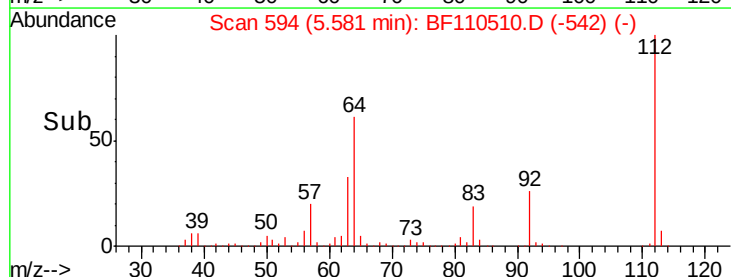


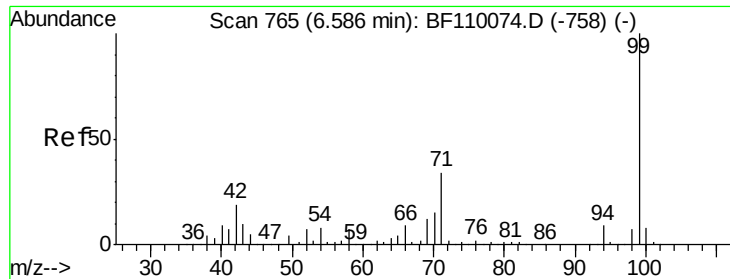
Abundance

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: 107.967 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110510.D

Acq: 6 Nov 2018 12:57

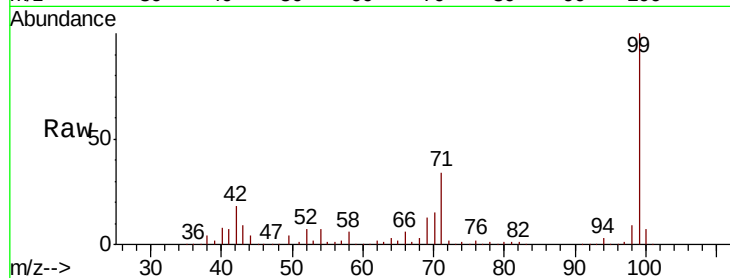
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 903412

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.8	23.6
71	34.1	28.0	42.0

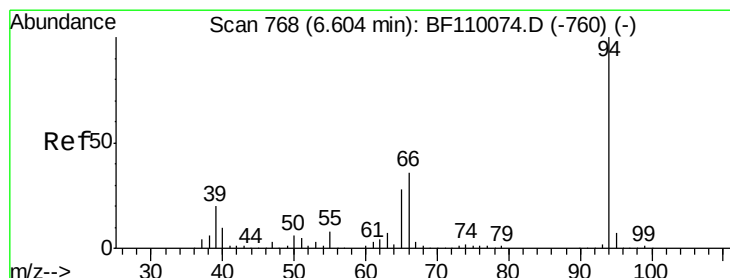
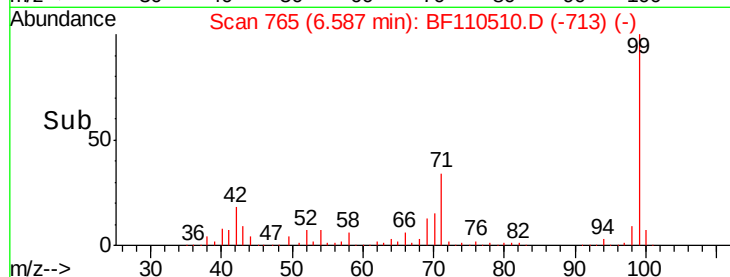
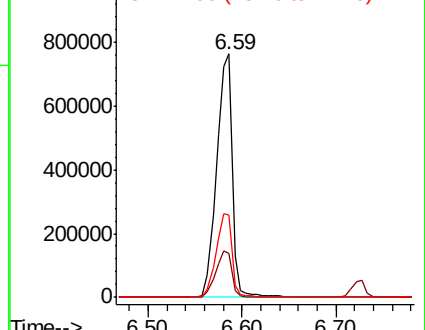


Abundance

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: 8.068 ng

RT: 6.59 min Scan# 766

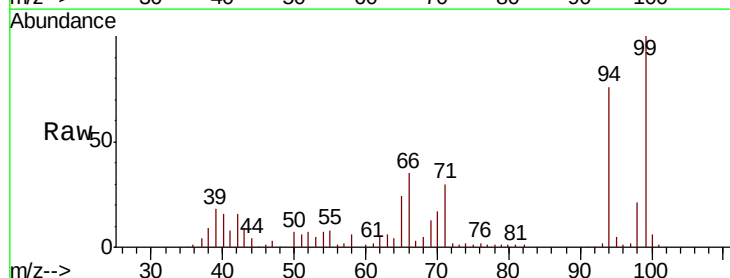
Delta R.T. -0.01 min

Lab File: BF110510.D

Acq: 6 Nov 2018 12:57

Tgt Ion: 94 Resp: 72163

Ion	Ratio	Lower	Upper
94	100		
65	31.0	25.3	65.3
66	45.6	54.5	94.5#

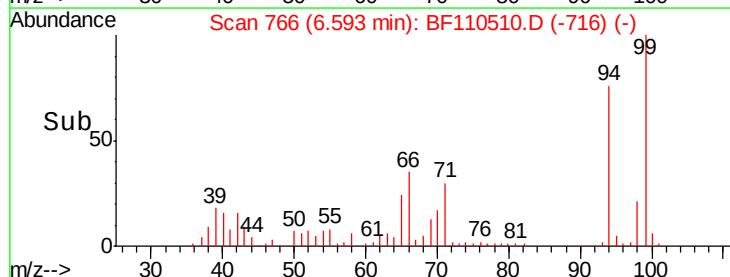
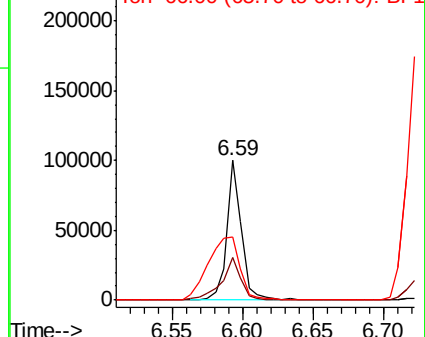


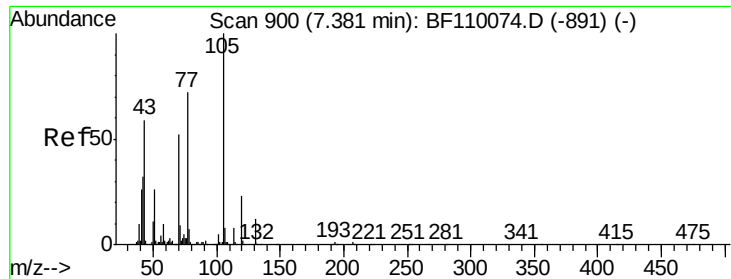
Abundance

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

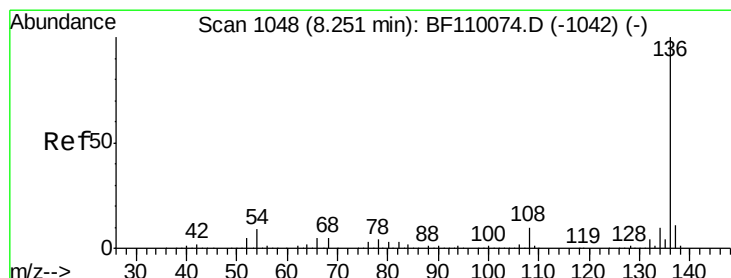
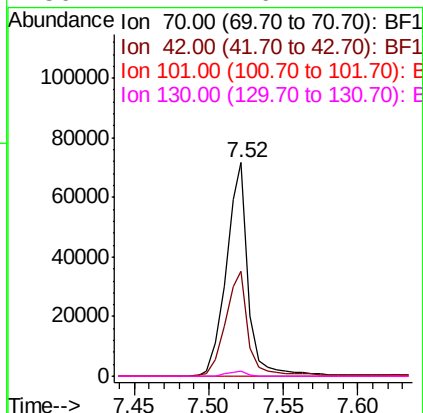
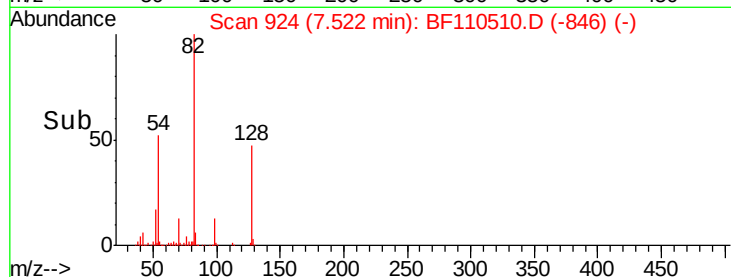
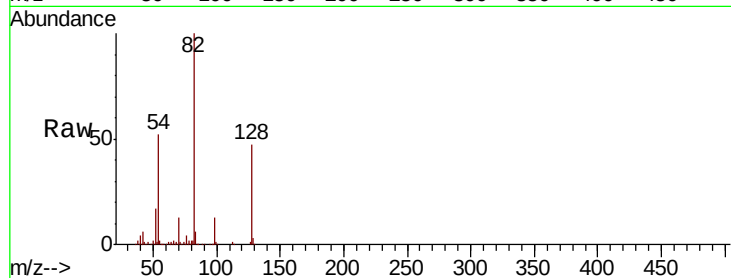




#19
n-Nitroso-di-n-propylamine
Concen: 13.847 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110510.D
Acq: 6 Nov 2018 12:57

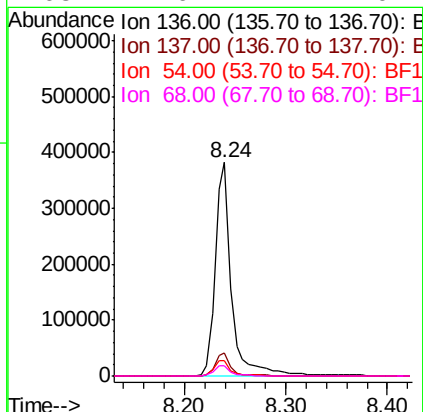
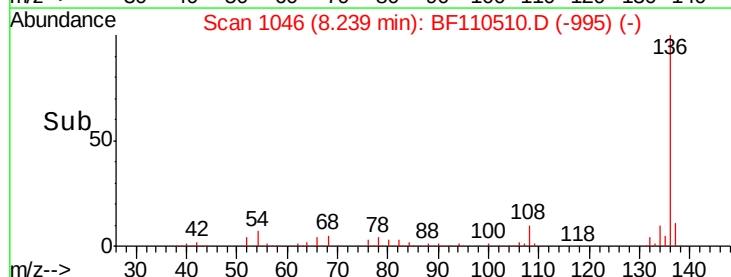
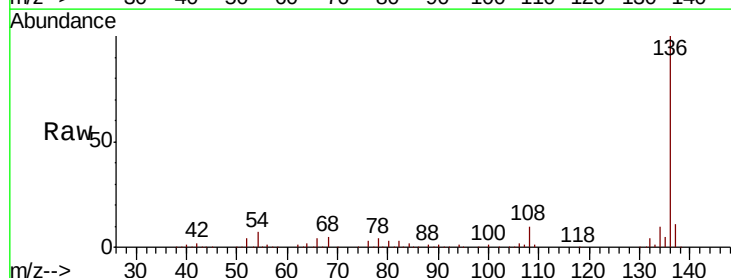
Instrument :
BNA_F
ClientSampled :

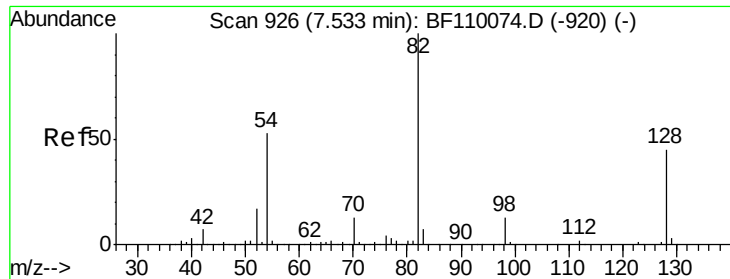
Tot Ion: 70 Resp: 74330
Ion Ratio Lower Upper
70 100
42 49.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110510.D
Acq: 6 Nov 2018 12:57

Tgt Ion:136 Resp: 425622
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.0 5.4 8.2
68 4.6 4.2 6.2

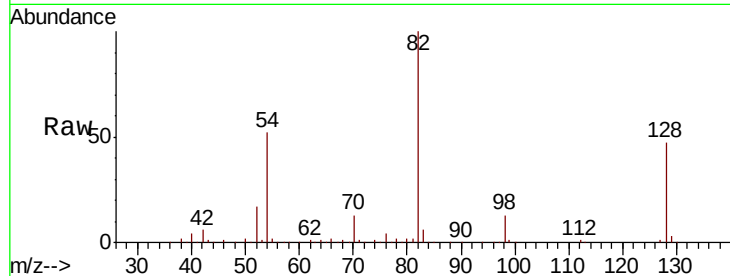




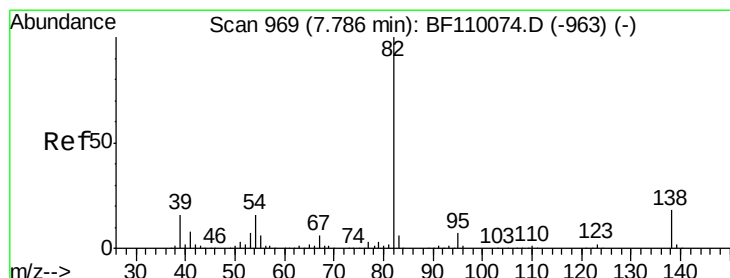
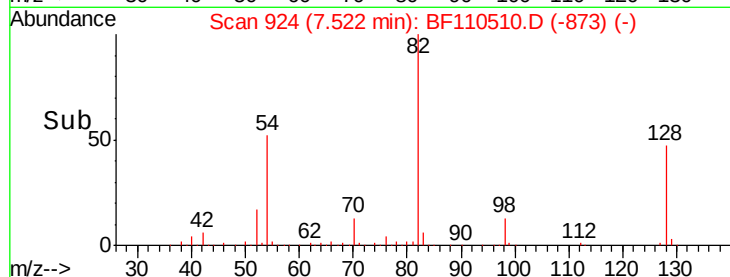
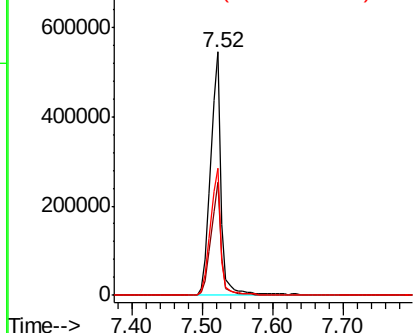
#23
Nitrobenzene-d5
Concen: 79.316 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110510.D
Acq: 6 Nov 2018 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	569156
Ion Ratio	100	Lower	Upper
128	46.7	34.2	51.2
54	52.5	38.6	58.0

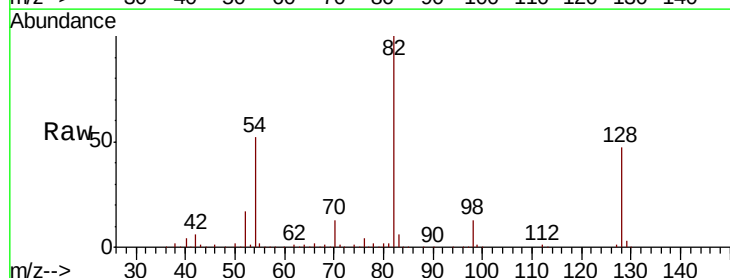


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

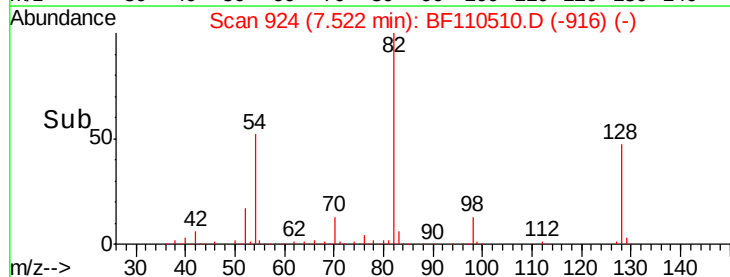
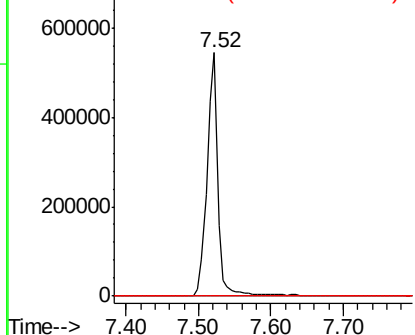


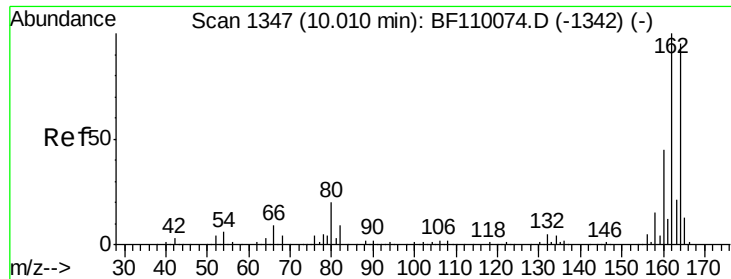
#25
Isophorone
Concen: 46.530 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110510.D
Acq: 6 Nov 2018 12:57

Tgt Ion	82	Resp	569153
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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110510.D

Acq: 6 Nov 2018 12:57

Instrument :

BNA_F

ClientSampled :

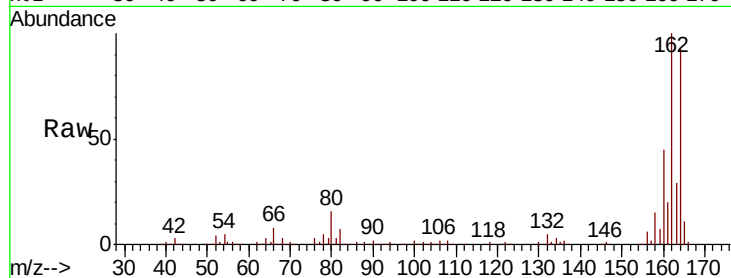
Tot Ion:164 Resp: 187116

Ion Ratio Lower Upper

164 100

162 107.3 83.0 124.6

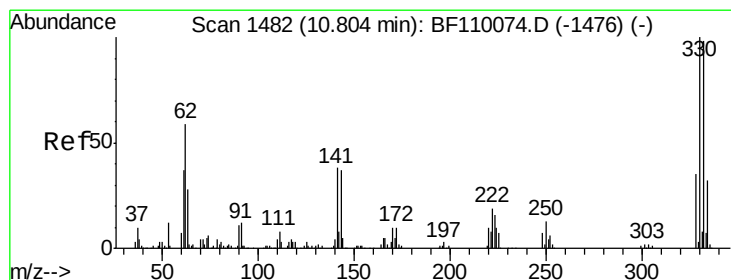
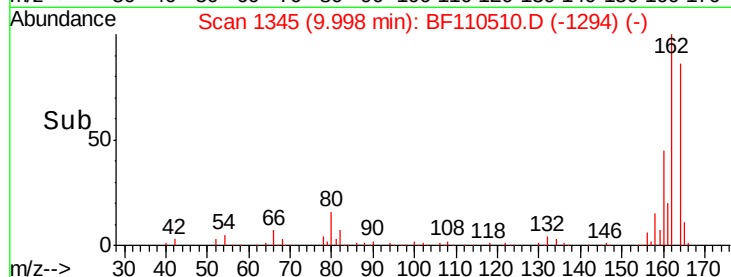
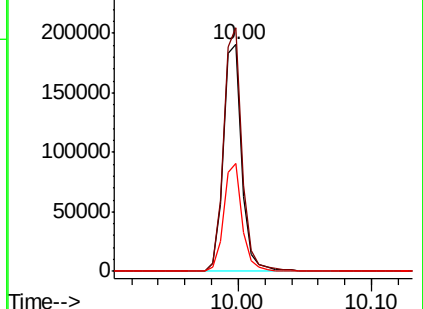
160 47.8 37.0 55.6



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: 100.381 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110510.D

Acq: 6 Nov 2018 12:57

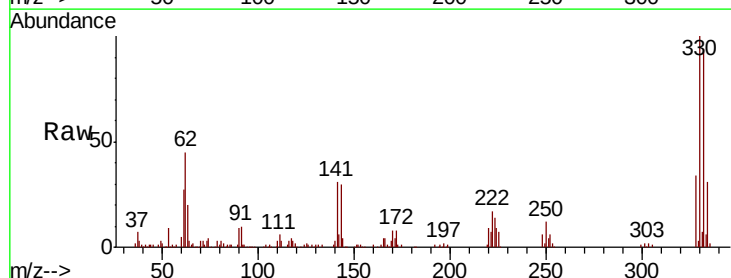
Tgt Ion:330 Resp: 186057

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

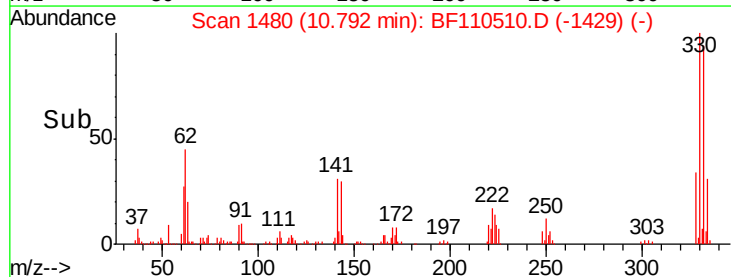
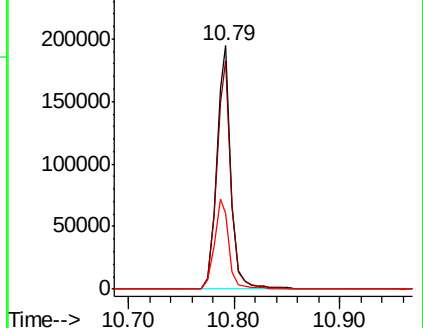
141 37.9 27.0 40.4

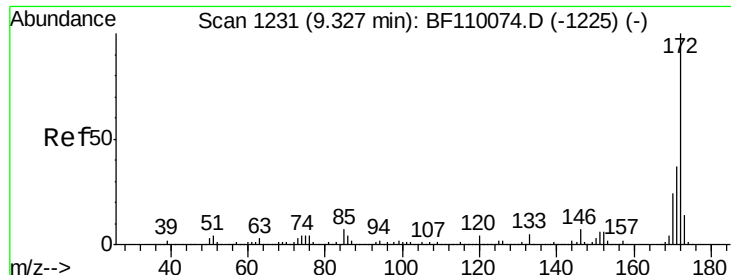


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

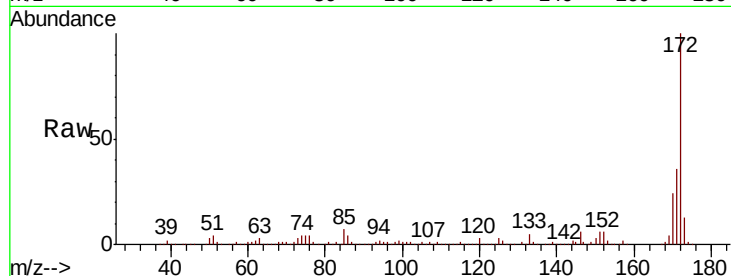




#45
2-Fluorobiphenyl
Concen: 82.658 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110510.D
Acq: 6 Nov 2018 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.8	19.7	29.5

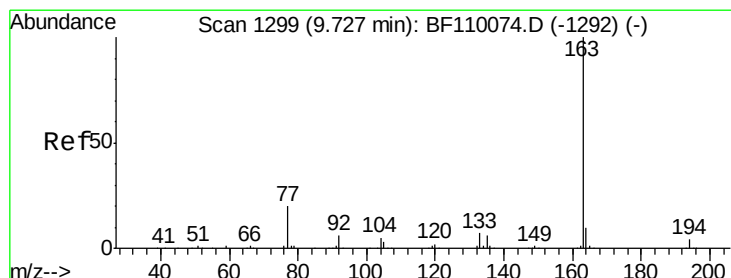
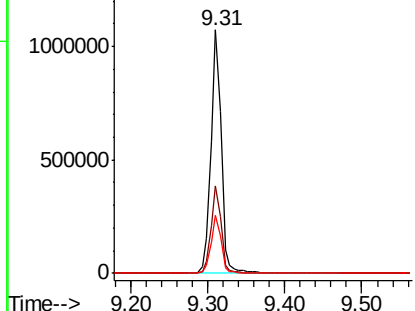
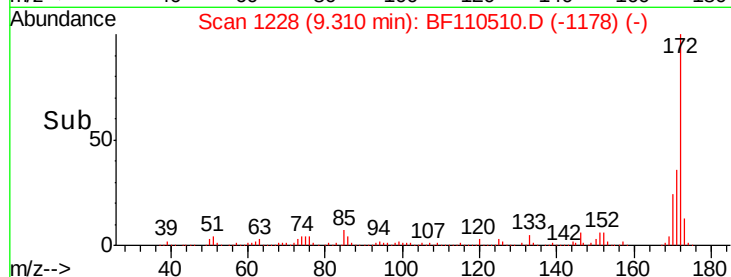


Abundance

Ion 172.00 (171.70 to 172.70): E

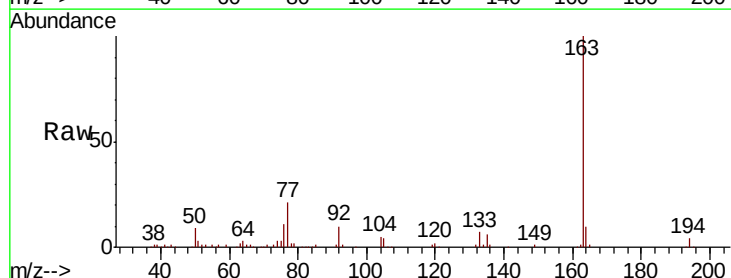
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 10.631 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110510.D
Acq: 6 Nov 2018 12:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.4	8.1	12.1

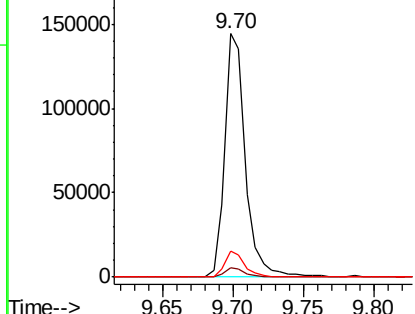
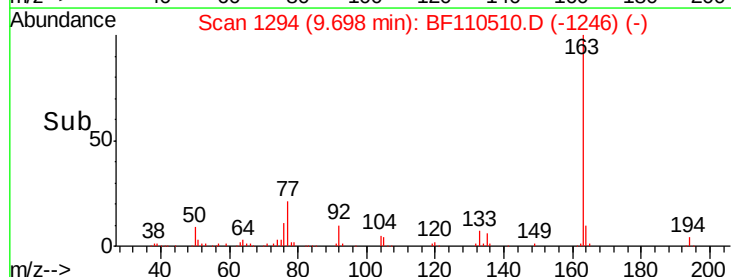


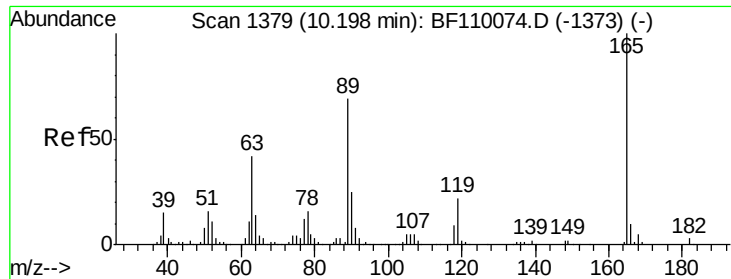
Abundance

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

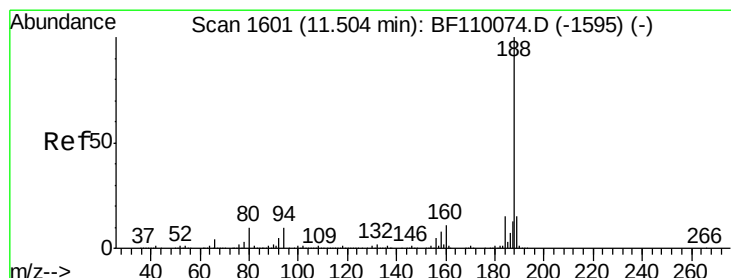
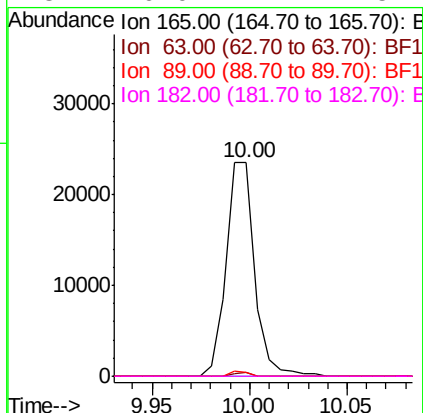
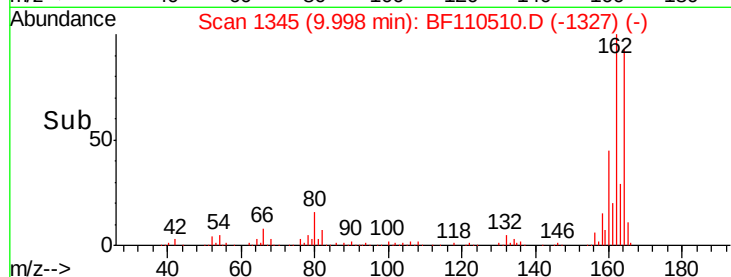
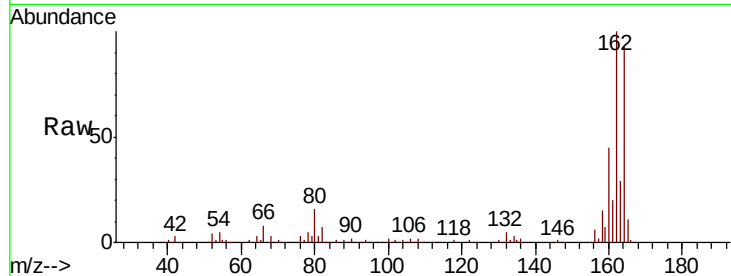




#57
 2,4-Dinitrotoluene
 Concen: 6.321 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110510.D
 Acq: 6 Nov 2018 12:57

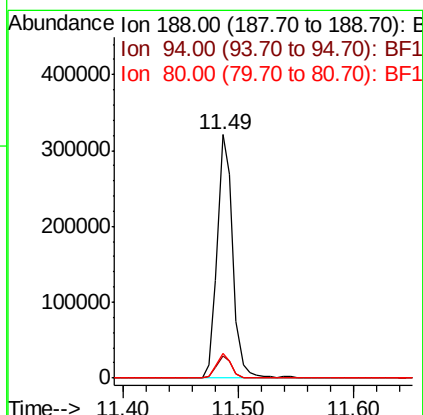
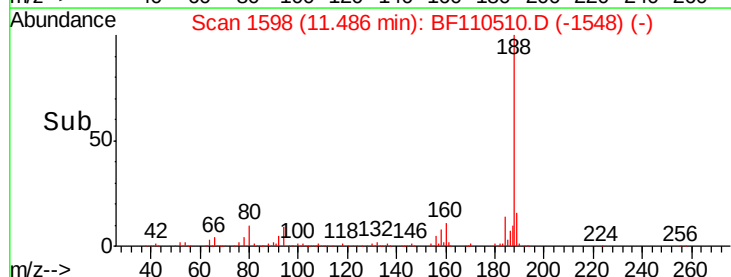
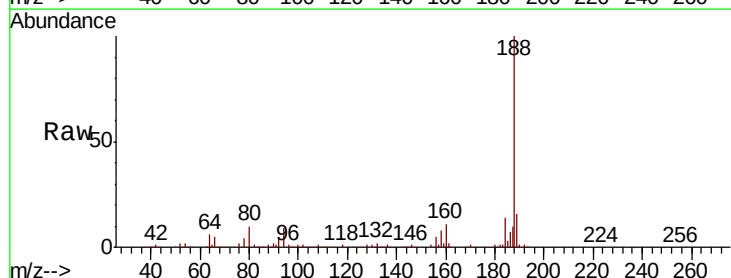
Instrument :
 BNA_F
 ClientSampleId :

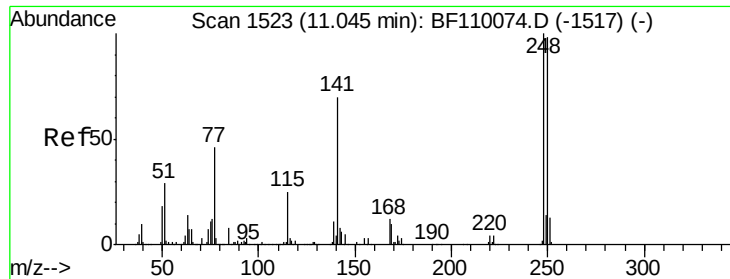
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.8	67.2#
89	2.1	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110510.D
 Acq: 6 Nov 2018 12:57

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

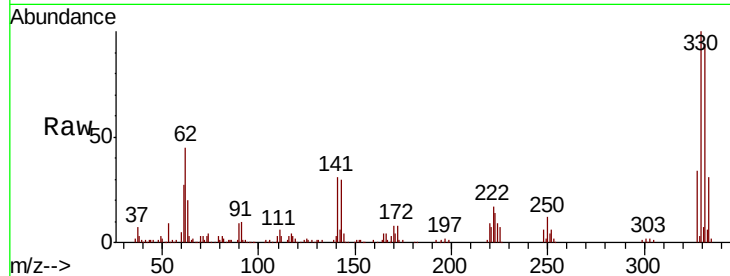




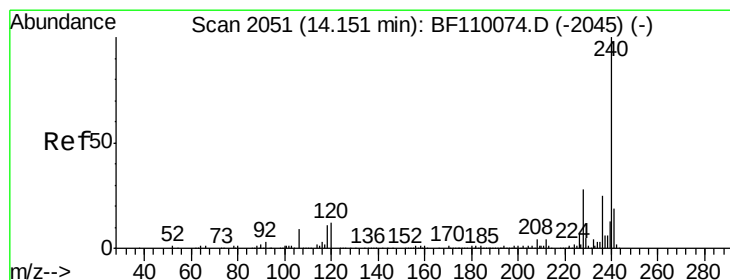
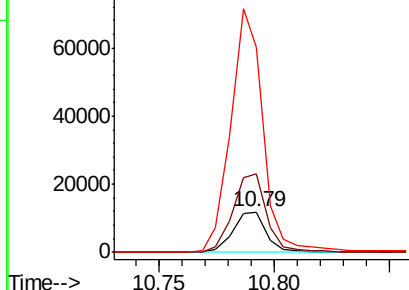
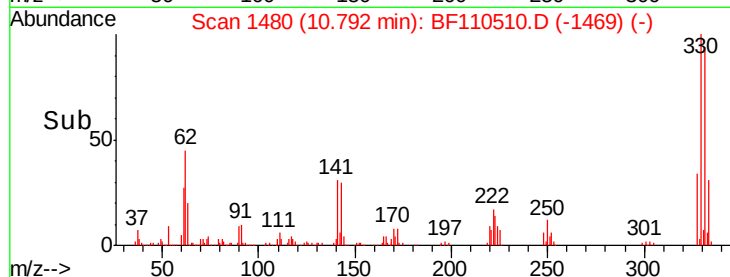
#67
4-Bromophenyl-phenylether
Concen: 3.636 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF110510.D
Acq: 6 Nov 2018 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11908
Ion Ratio Lower Upper
248 100
250 195.0 79.4 119.2#
141 510.1 55.9 83.9#

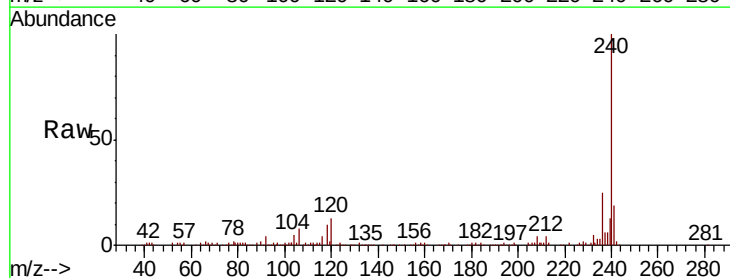


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

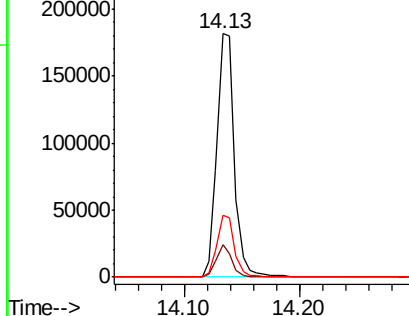
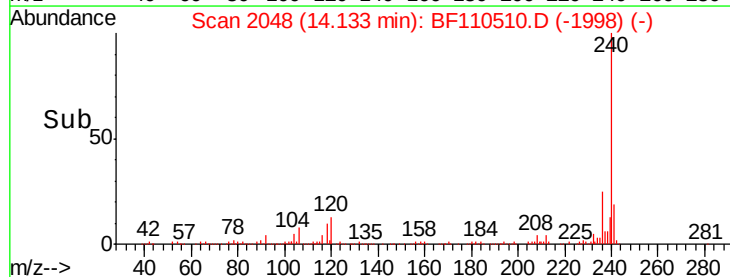


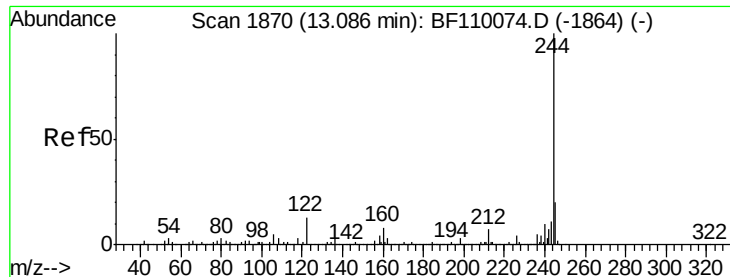
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110510.D
Acq: 6 Nov 2018 12:57

Tgt Ion:240 Resp: 192001
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 25.3 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: 76.283 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110510.D

Acq: 6 Nov 2018 12:57

Instrument :

BNA_F

ClientSampleId :

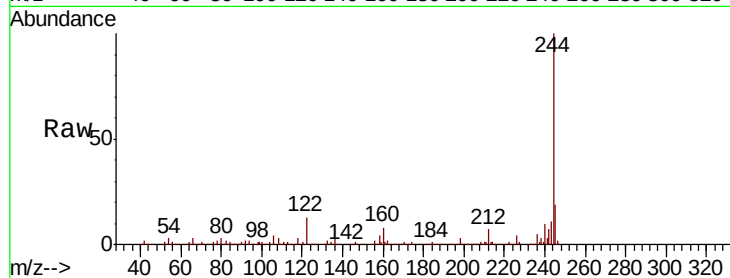
Tot Ion:244 Resp: 704249

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

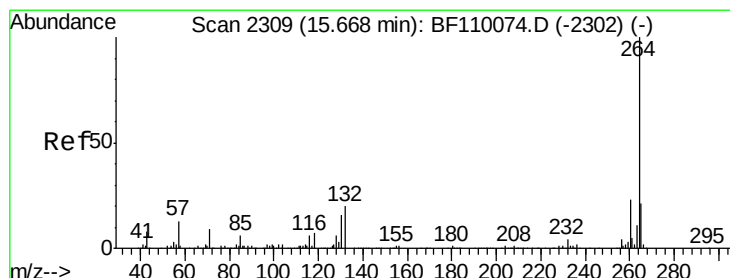
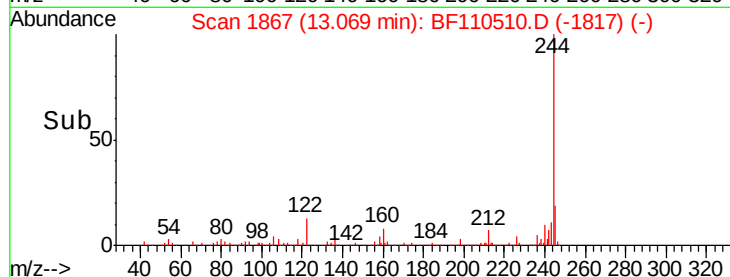
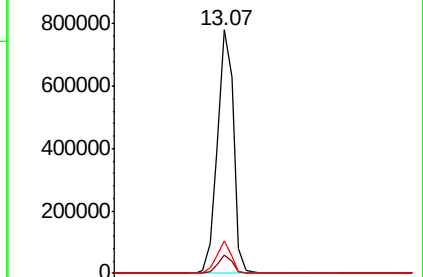
122 13.1 8.7 13.1#



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: BF110510.D

Acq: 6 Nov 2018 12:57

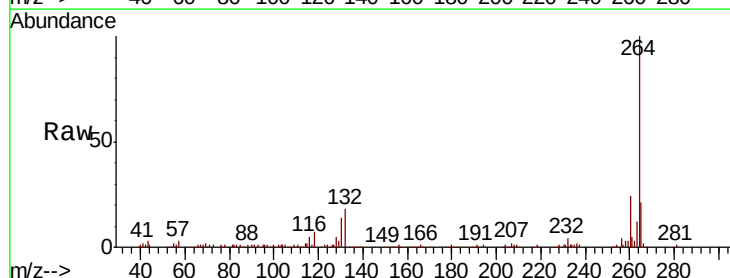
Tgt Ion:264 Resp: 156181

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.1 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

