

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110212.D
 Acq On : 26 Oct 2018 16:23
 Operator : JU/SJ
 Sample : J5624-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 23:38:47 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

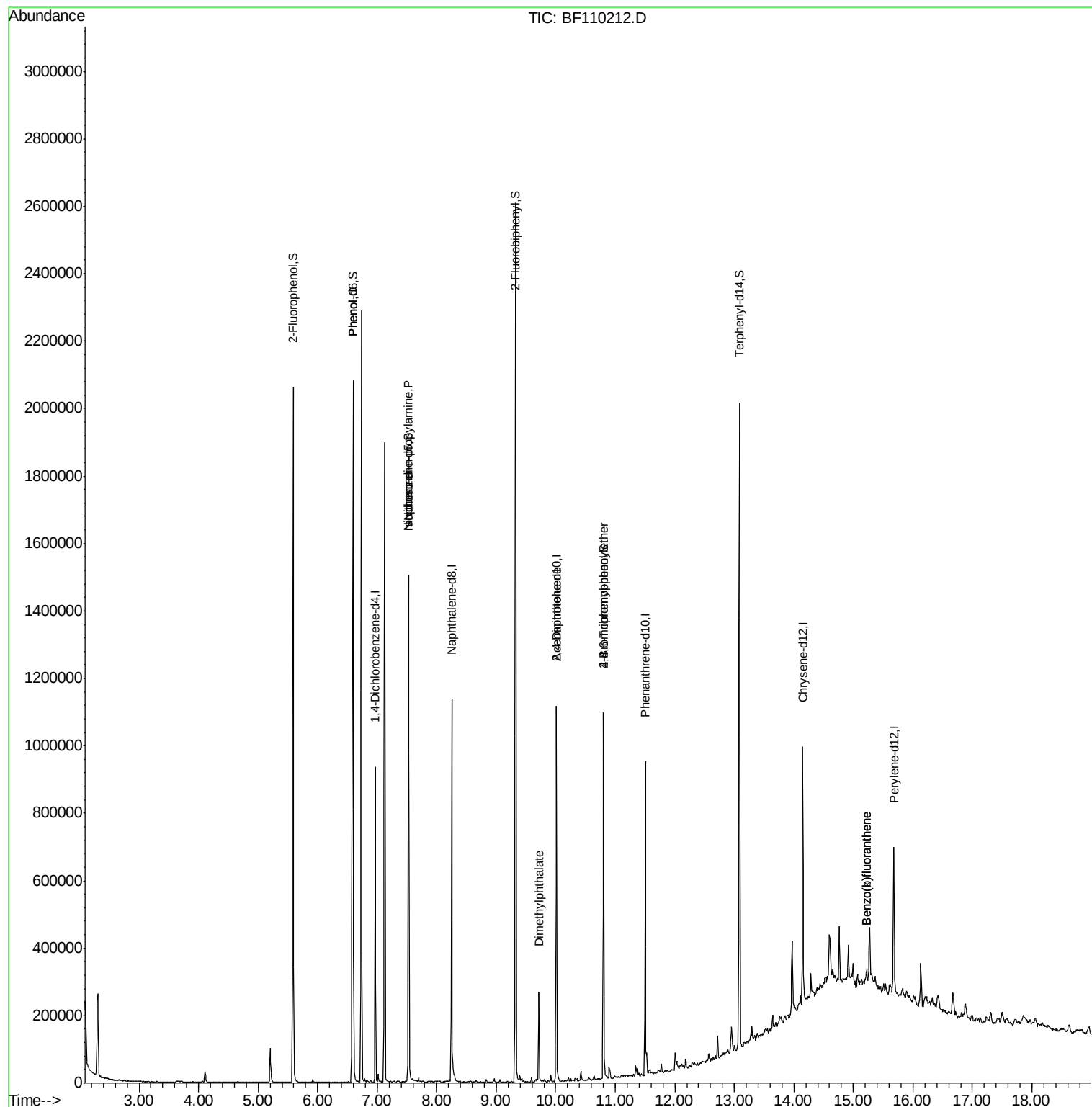
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130396	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	508111	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	205959	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	317071	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	236170	20.00	ng	-0.01
87) Perylene-d12	15.68	264	164752	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	598081	74.69	ng	-0.01
7) Phenol-d6	6.59	99	777634	75.93	ng	-0.01
23) Nitrobenzene-d5	7.53	82	468684	54.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	122581	60.08	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	829566	63.25	ng	-0.02
79) Terphenyl-d14	13.09	244	585927	51.60	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	471	Below Cal	Qvalue	# 30
10) Phenol	6.60	94	111599	10.194 ng	#	70
19) n-Nitroso-di-n-propylamine	7.53	70	61553	9.368 ng	#	80
25) Isophorone	7.53	82	468681	32.096 ng	#	67
50) Dimethylphthalate	9.72	163	104246	6.857 ng		100
57) 2,4-Dinitrotoluene	10.01	165	25930	6.234 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	8054	2.342 ng	#	1
88) Benzo(b)fluoranthene	15.22	252	22426	2.357 ng	#	68
89) Benzo(k)fluoranthene	15.22	252	22426	2.398 ng	#	68

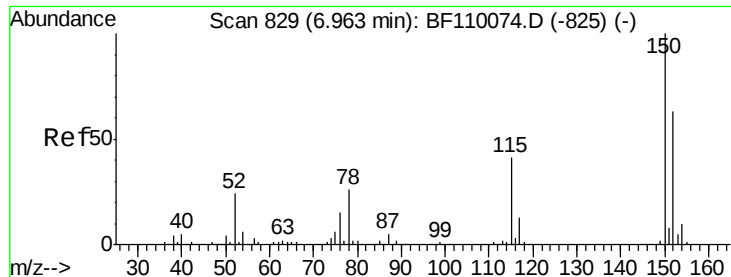
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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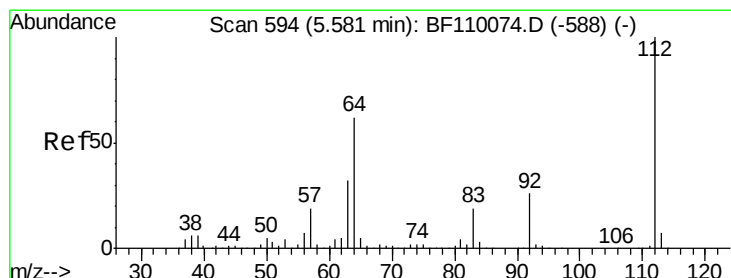
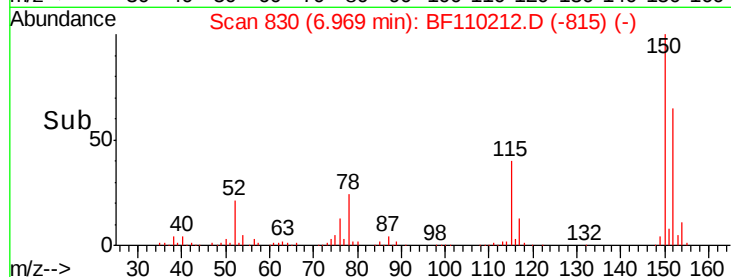
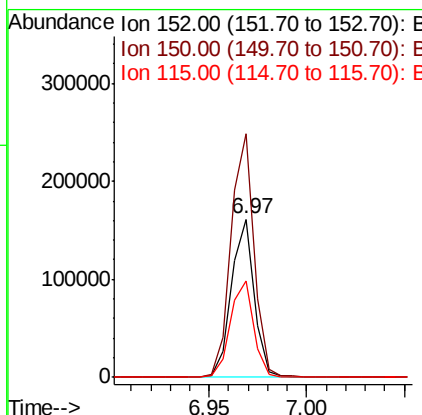
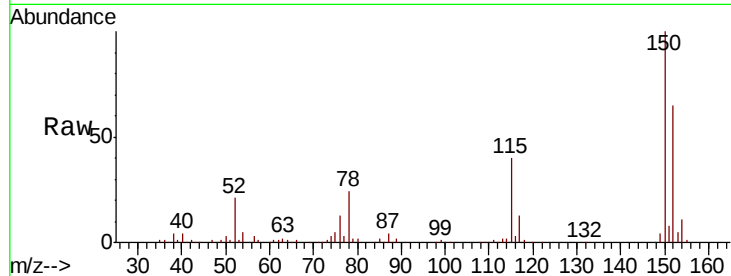




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110212.D
 Acq: 26 Oct 2018 16:23

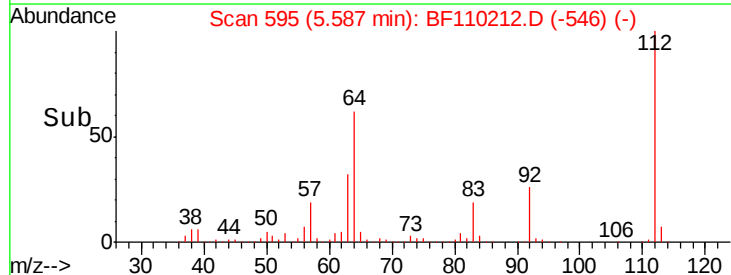
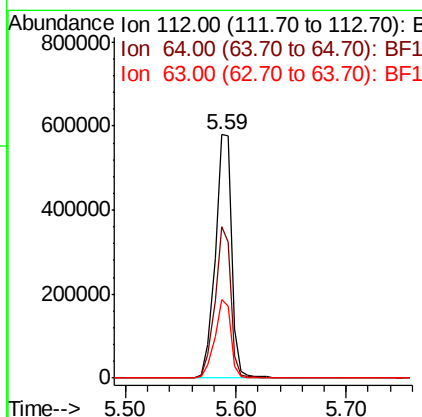
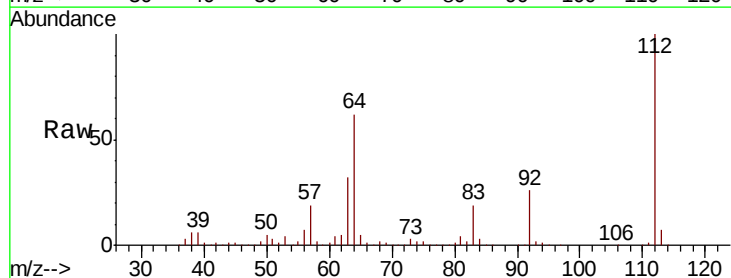
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 130396
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.7 184.1
 115 61.2 49.1 73.7



#5
 2-Fluorophenol
 Concen: 74.691 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110212.D
 Acq: 26 Oct 2018 16:23

Tgt Ion:112 Resp: 598081
 Ion Ratio Lower Upper
 112 100
 64 62.3 44.1 66.1
 63 32.1 23.7 35.5





#7

Phenol-d6

Concen: 75.926 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

Instrument :

BNA_F

ClientSampled :

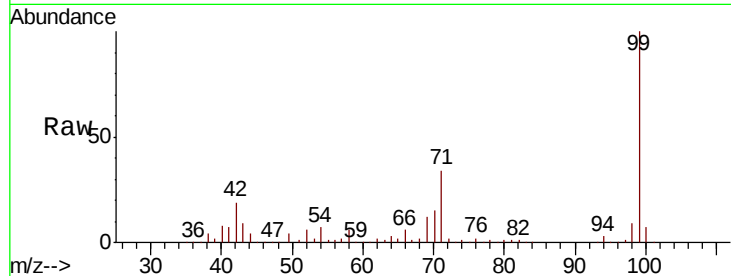
Tot Ion: 99 Resp: 777634

Ion Ratio Lower Upper

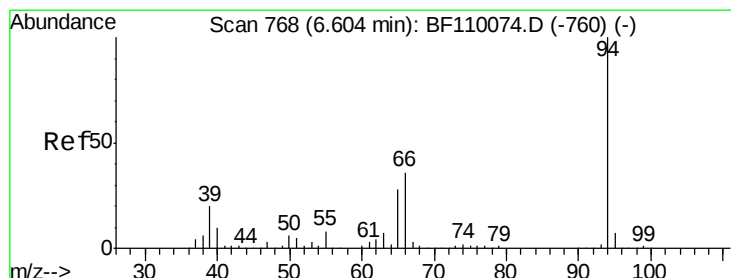
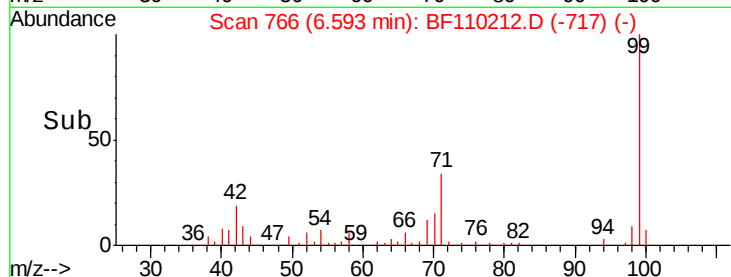
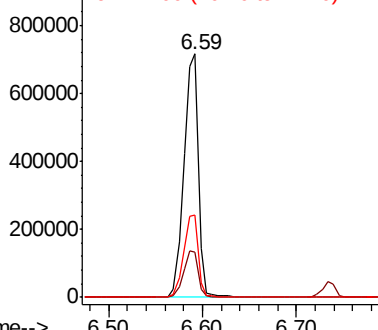
99 100

42 18.7 15.8 23.6

71 34.0 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: 10.194 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

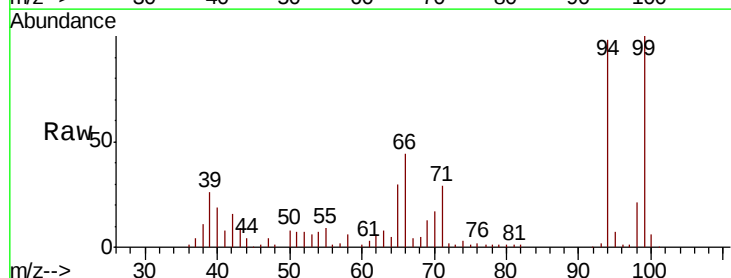
Tgt Ion: 94 Resp: 111599

Ion Ratio Lower Upper

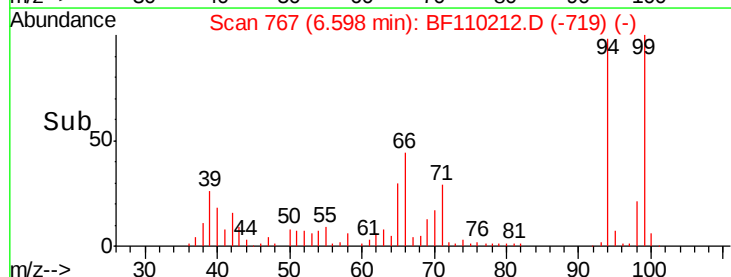
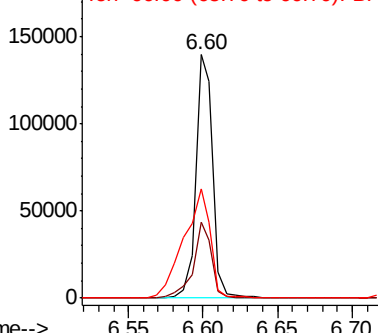
94 100

65 31.0 25.3 65.3

66 45.0 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

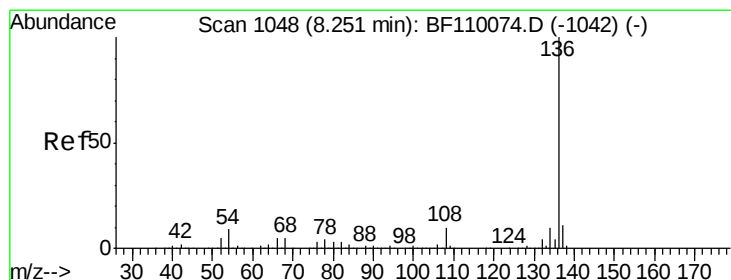
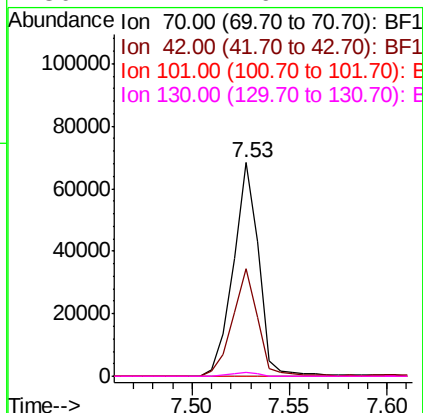
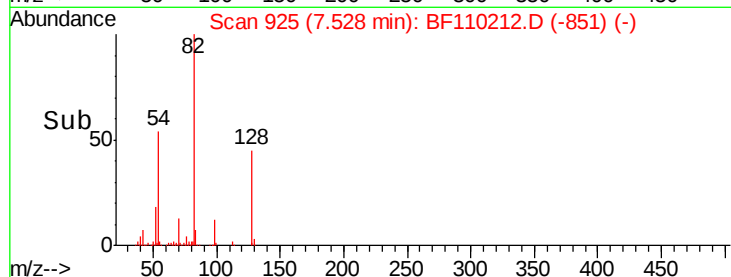
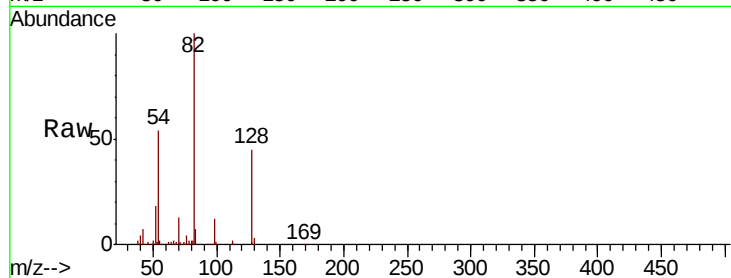




#19
n-Nitroso-di-n-propylamine
Concen: 9.368 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

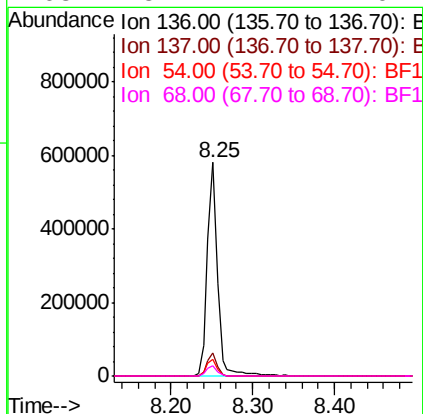
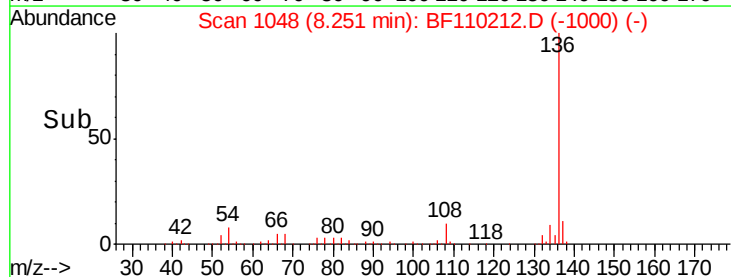
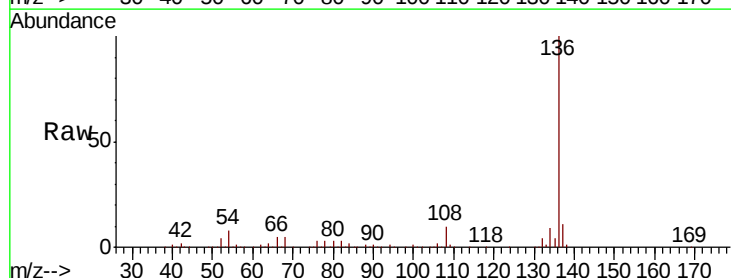
Instrument :
BNA_F
ClientSampleId :

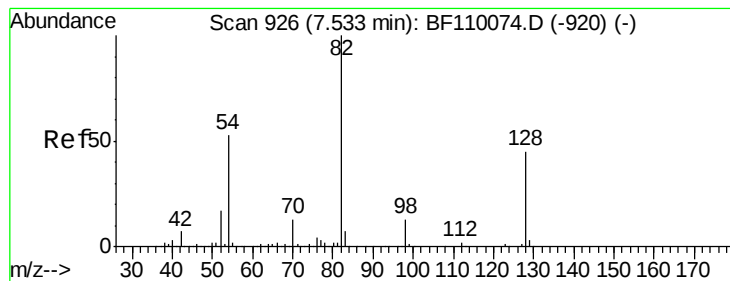
Tot Ion: 70 Resp: 61553
Ion Ratio Lower Upper
70 100
42 50.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Tgt Ion: 136 Resp: 508111
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.9 5.4 8.2
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 54.711 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

Instrument :

BNA_F

ClientSampleId :

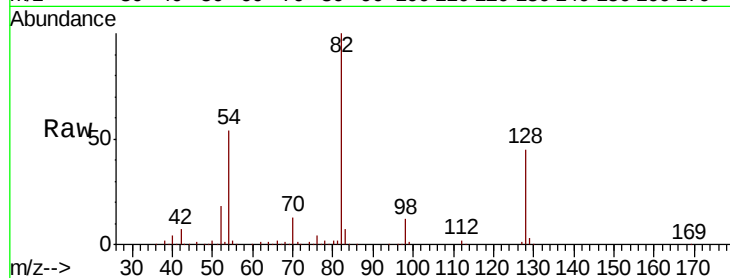
Tot Ion: 82 Resp: 468684

Ion Ratio Lower Upper

82 100

128 44.9 34.2 51.2

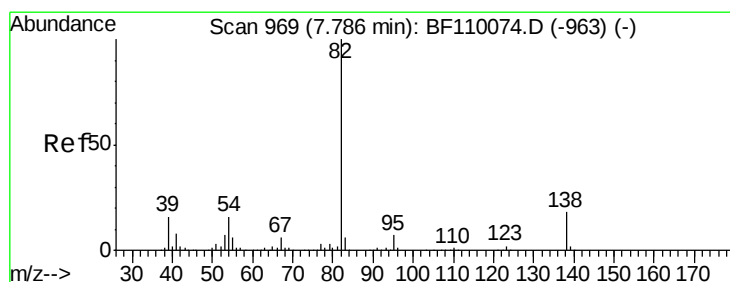
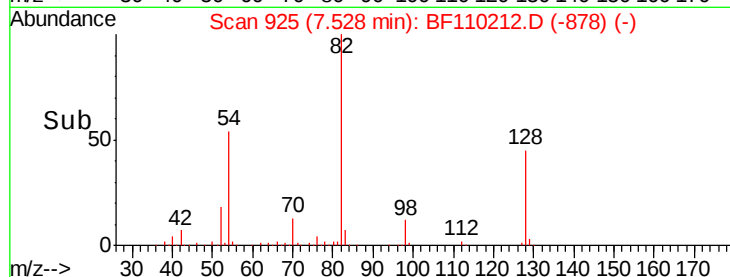
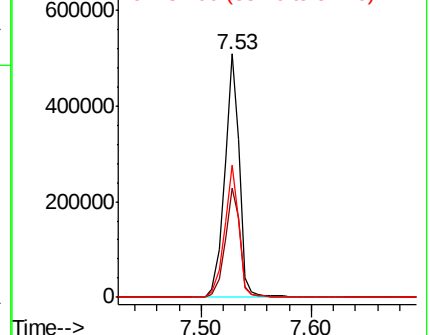
54 54.4 38.6 58.0



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: 32.096 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.28 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

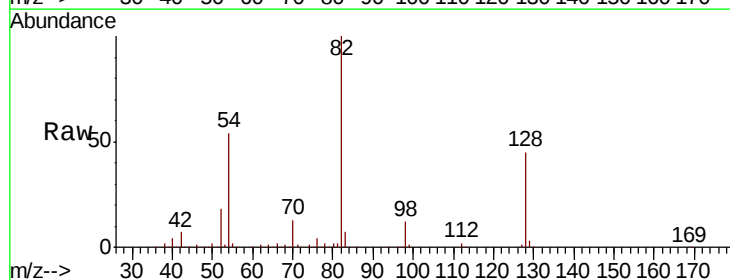
Tgt Ion: 82 Resp: 468681

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

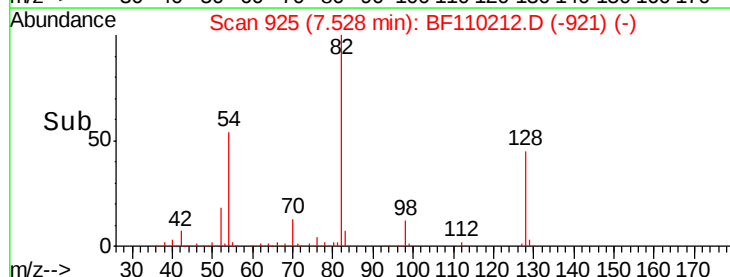
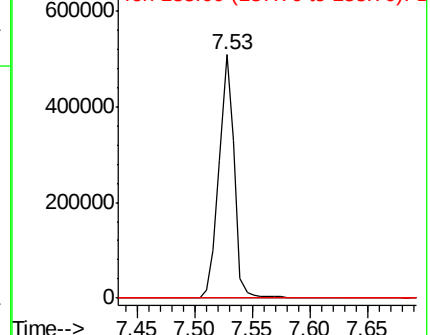
138 0.0 13.2 19.8#



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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

Instrument :

BNA_F

ClientSampleId :

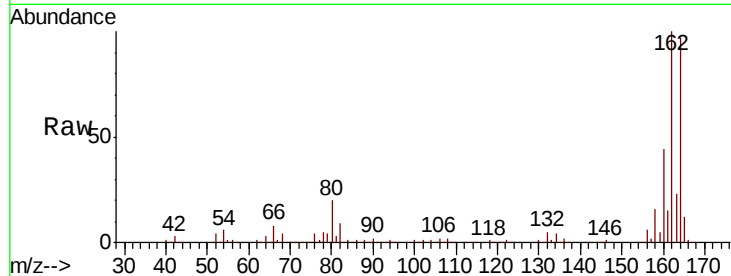
Tot Ion:164 Resp: 205959

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

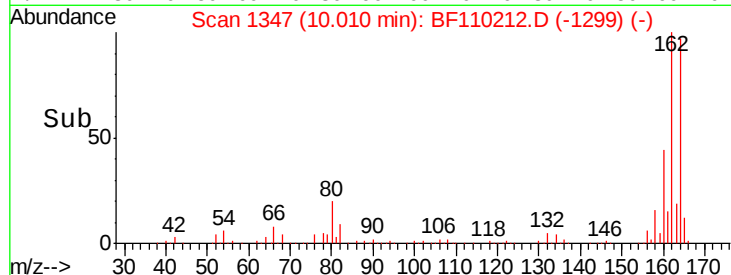
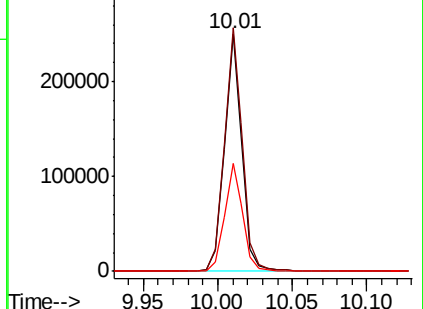
160 45.3 37.0 55.6



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: 60.084 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

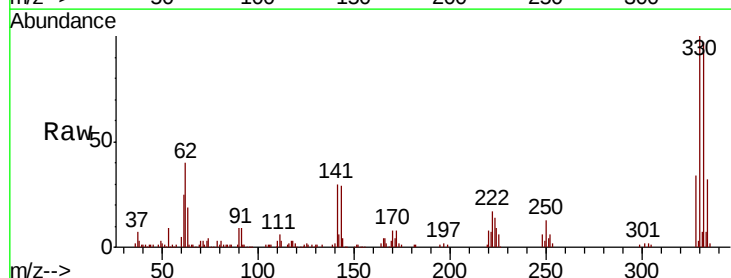
Tgt Ion:330 Resp: 122581

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

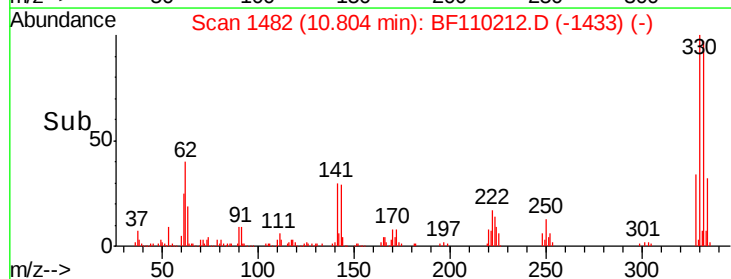
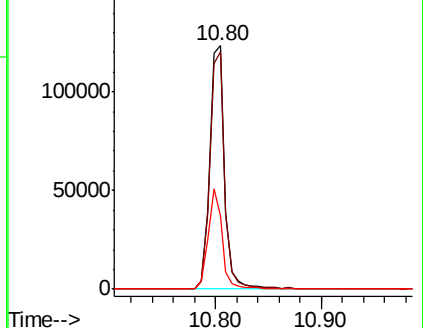
141 38.1 27.0 40.4



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

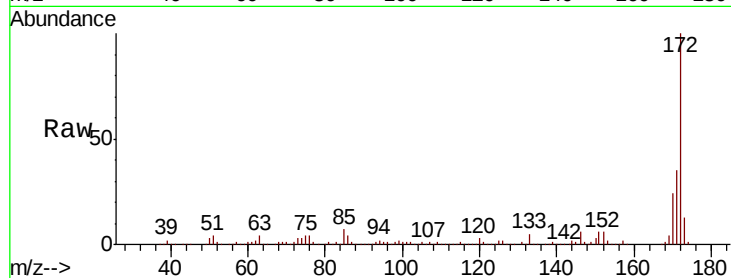




#45
2-Fluorobiphenyl
Concen: 63.247 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.6	19.7	29.5

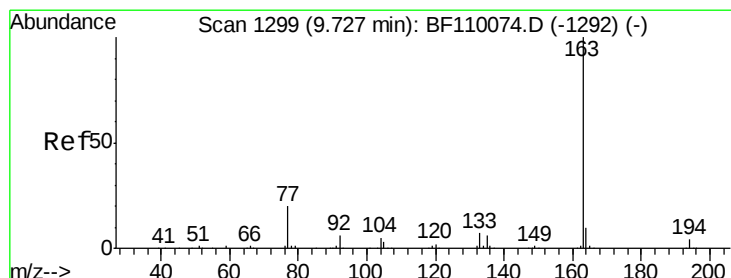
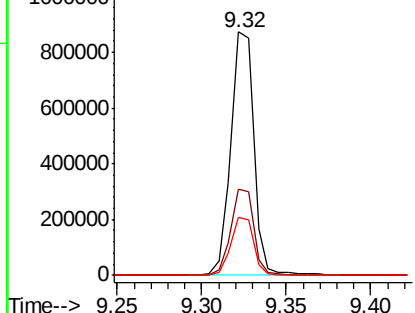
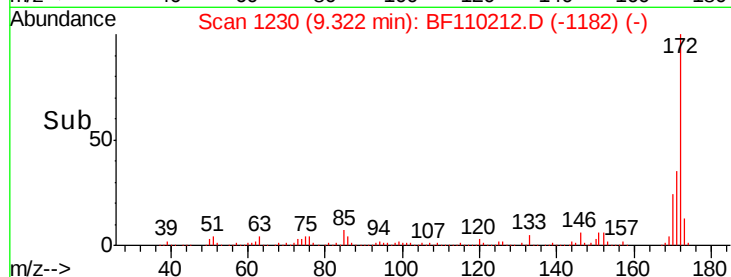


Abundance

Ion 172.00 (171.70 to 172.70): E

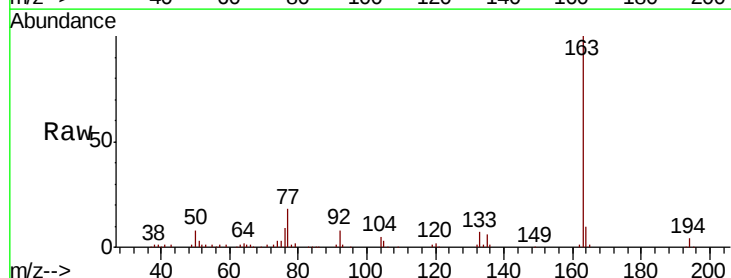
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.857 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.1	8.1	12.1

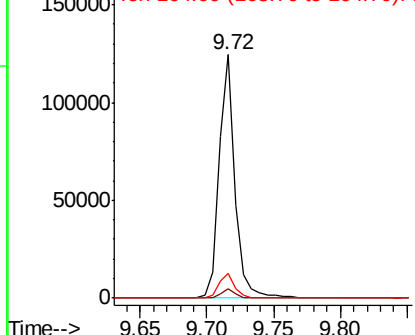
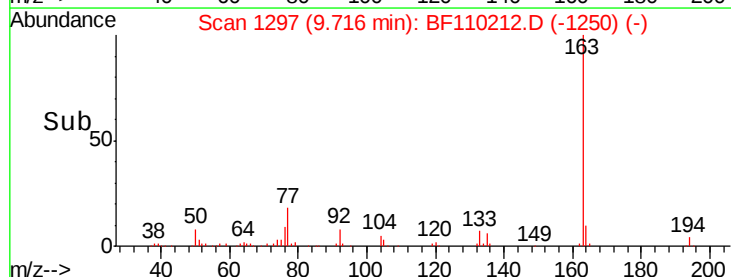


Abundance

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

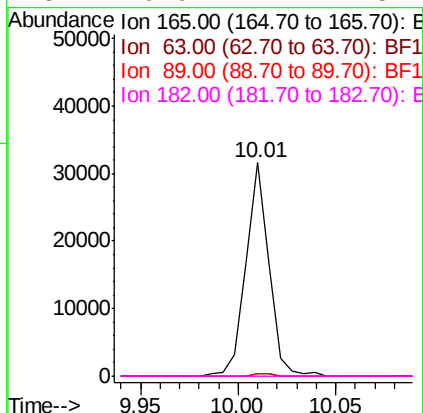
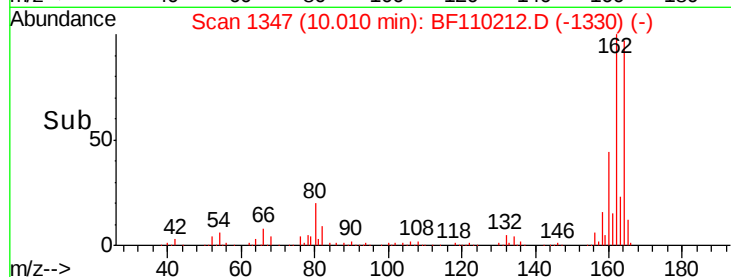
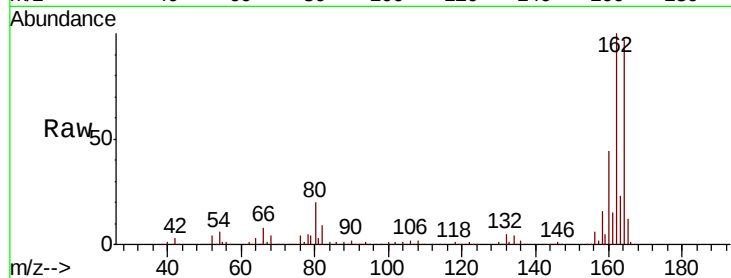




#57
2,4-Dinitrotoluene
Concen: 6.234 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

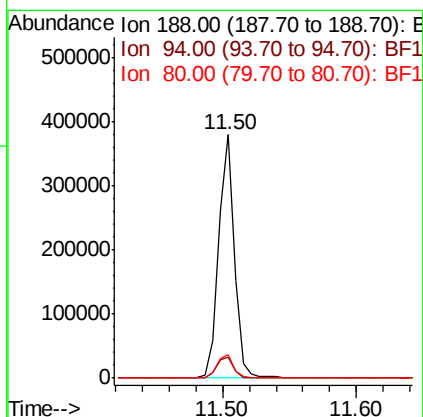
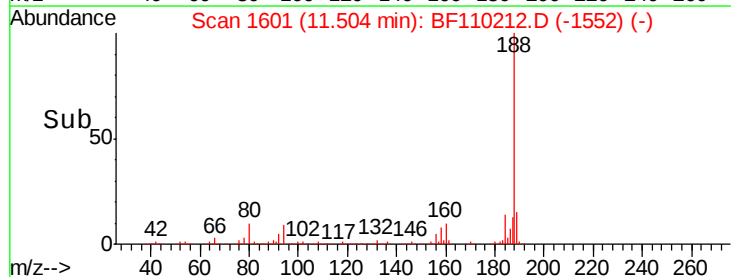
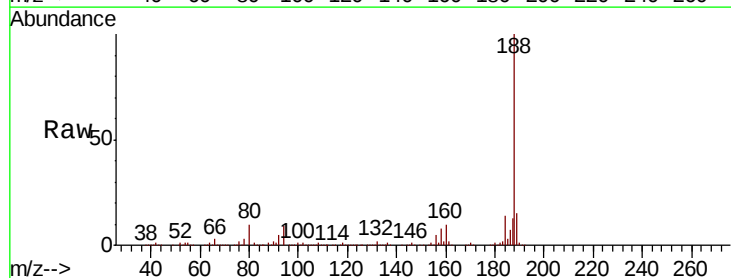
Instrument :
BNA_F
ClientSampled :

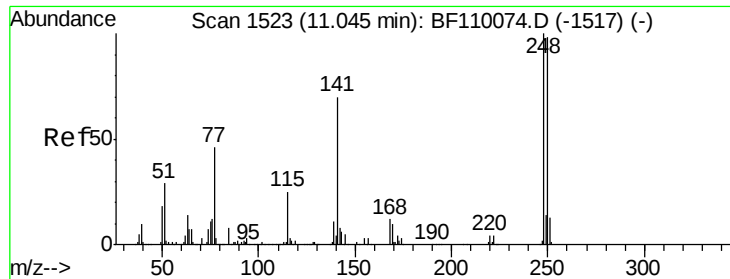
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.5	7.9	11.9

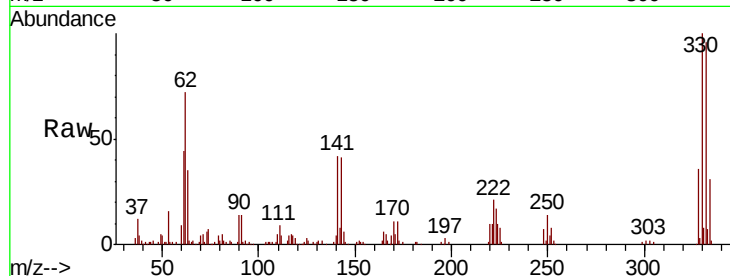




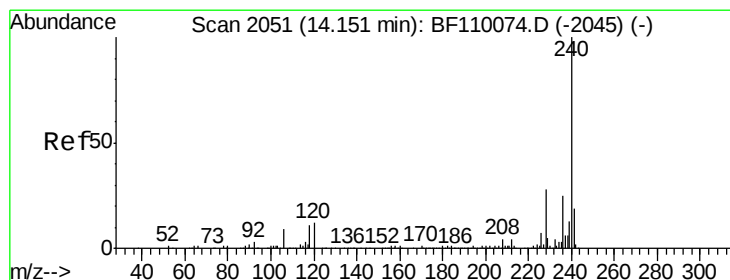
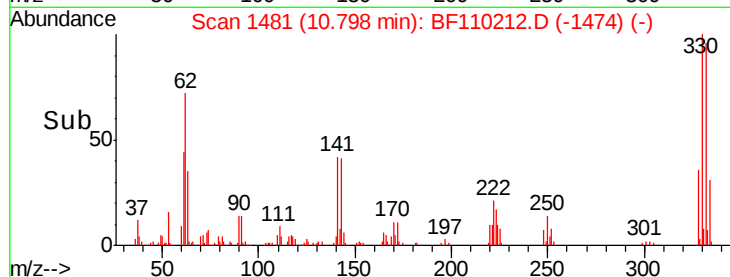
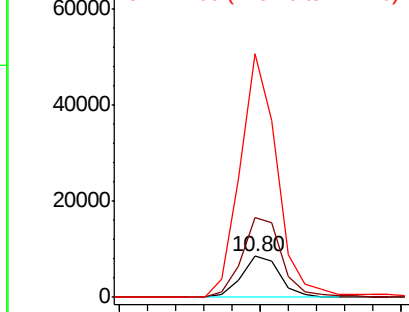
#67
4-Bromophenyl-phenylether
Concen: 2.342 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8054
Ion Ratio Lower Upper
248 100
250 192.6 79.4 119.2#
141 589.9 55.9 83.9#

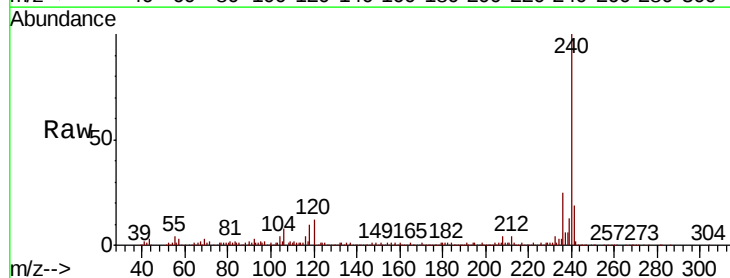


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

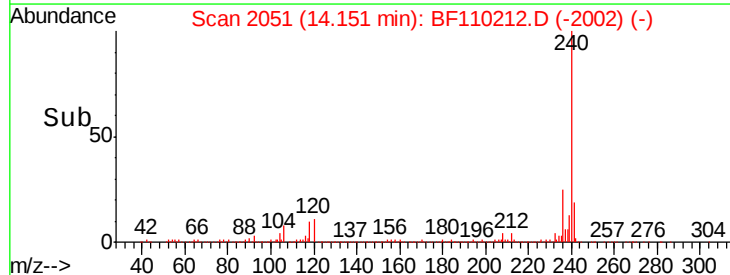
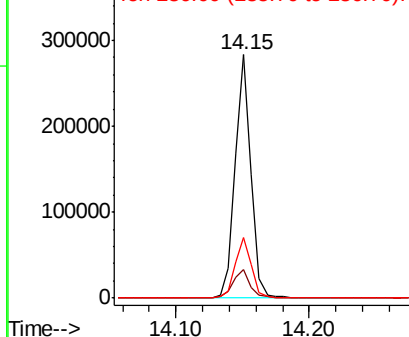


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Tgt Ion:240 Resp: 236170
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 25.1 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: 51.597 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

Instrument :

BNA_F

ClientSampleId :

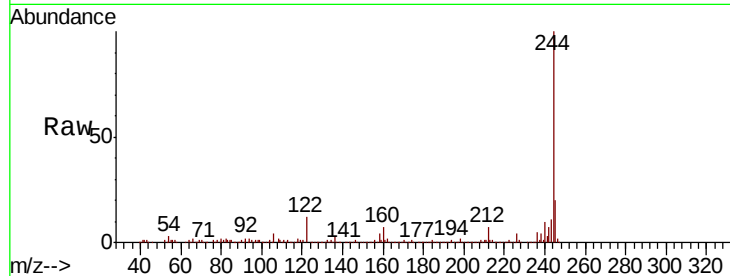
Tot Ion:244 Resp: 585927

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

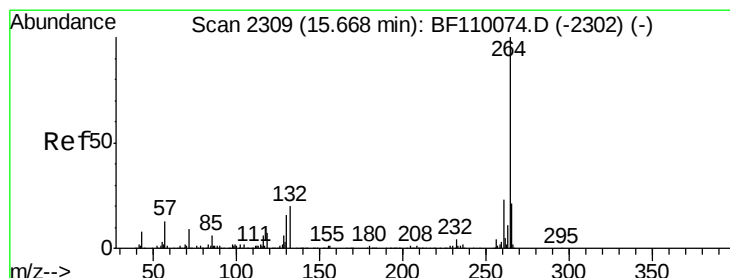
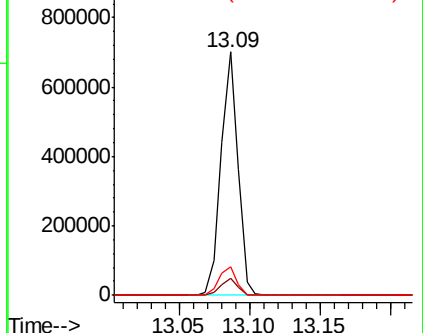
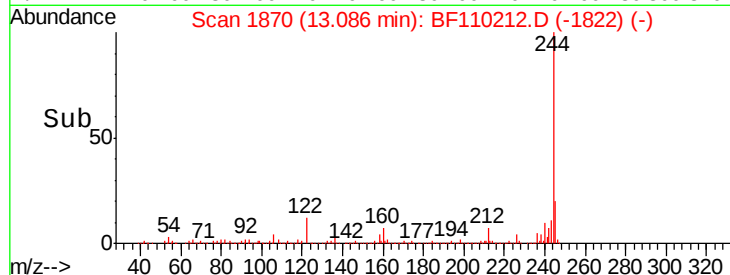
122 11.7 8.7 13.1



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: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

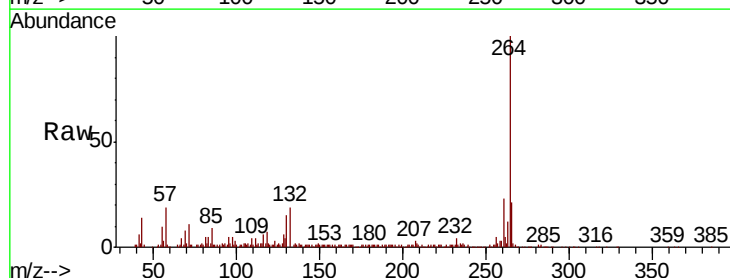
Tgt Ion:264 Resp: 164752

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

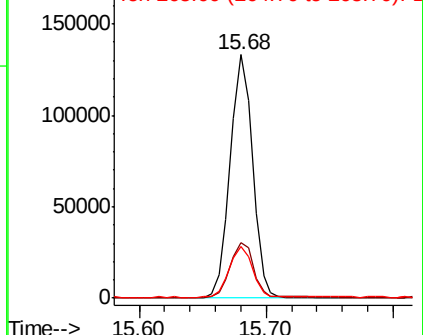
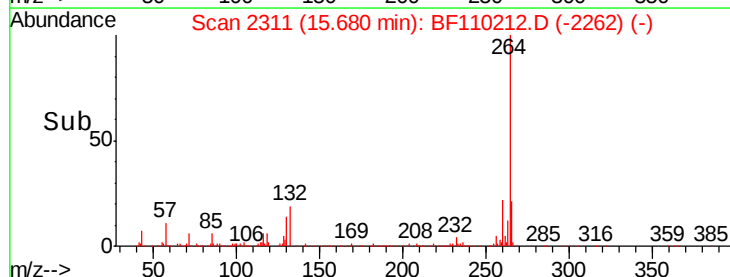
265 21.2 16.7 25.1

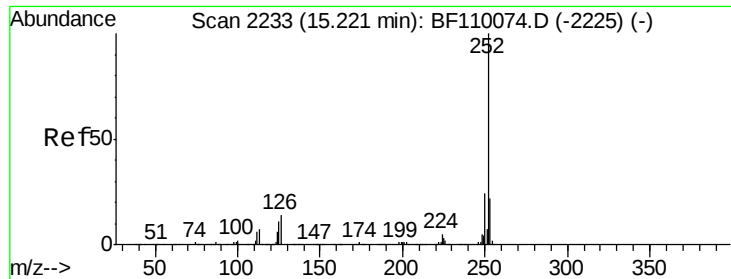


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

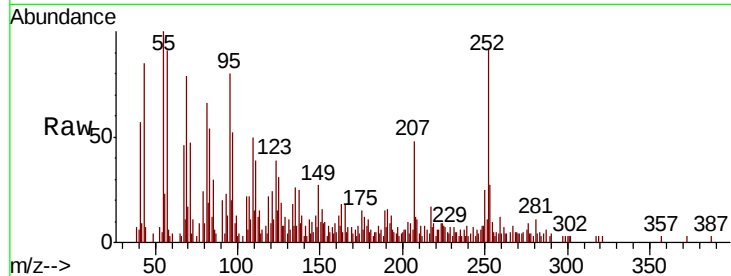




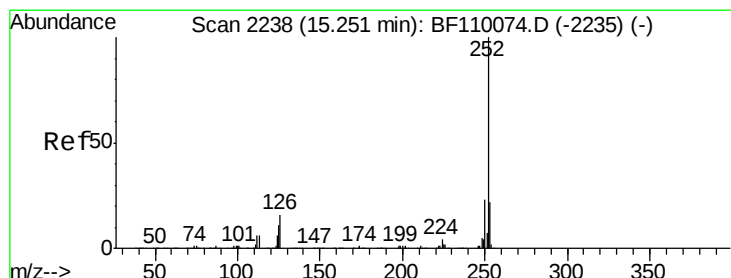
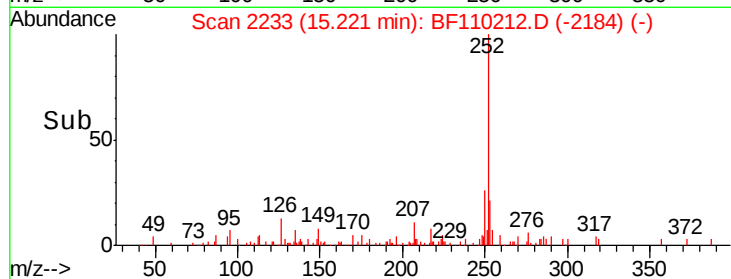
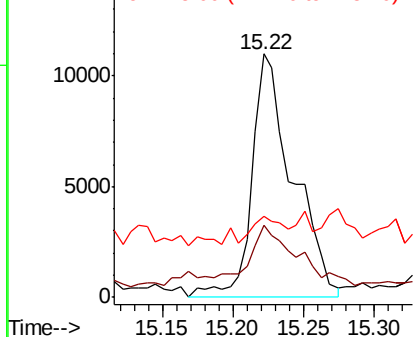
#88
Benzo(b)fluoranthene
Concen: 2.357 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.2	25.8#
125	33.2	8.2	12.4#

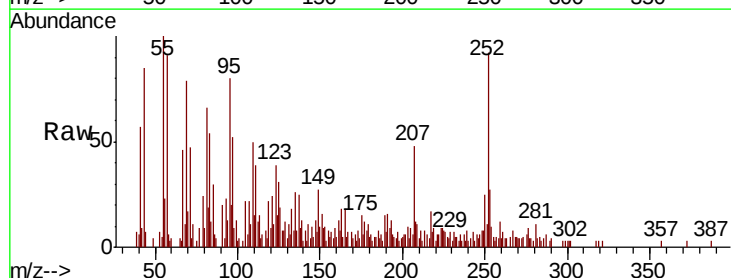


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.398 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.2	25.8#
125	33.2	7.4	11.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

