

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110337.D
 Acq On : 31 Oct 2018 17:14
 Operator : JU/SJ
 Sample : J5205-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 03:42:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	63526	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	223537	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	93601	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	184573	20.00	ng	0.00
76) Chrysene-d12	14.17	240	169984	20.00	ng	0.00
87) Perylene-d12	15.71	264	100483	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	536500	137.53	ng	0.01
7) Phenol-d6	6.60	99	633990	127.06	ng	0.00
23) Nitrobenzene-d5	7.54	82	389051	103.23	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	135557	146.20	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	667283	111.94	ng	0.00
79) Terphenyl-d14	13.10	244	733799	89.78	ng	0.00

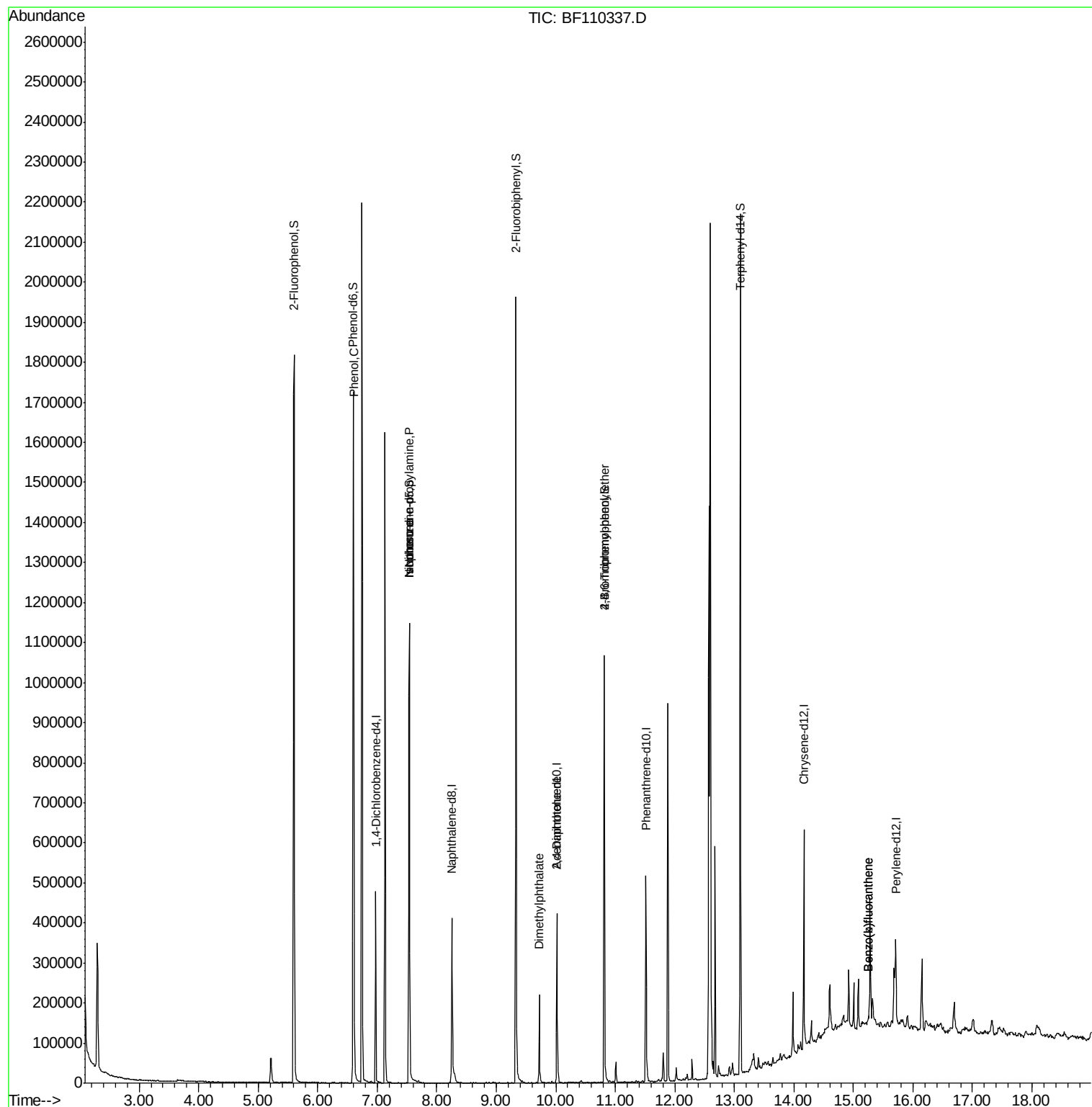
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	1156	Below Cal		# 1
10) Phenol	6.61	94	43312	8.121	ng	# 69
19) n-Nitroso-di-n-propylamine	7.54	70	49381	15.426	ng	# 82
25) Isophorone	7.54	82	389049	60.559	ng	# 67
50) Dimethylphthalate	9.72	163	92091	13.328	ng	# 98
57) 2,4-Dinitrotoluene	10.02	165	11871	6.280	ng	# 17
67) 4-Bromophenyl-phenylether	10.82	248	8578	4.285	ng	# 1
88) Benzo(b)fluoranthene	15.25	252	14202	2.448	ng	# 69
89) Benzo(k)fluoranthene	15.25	252	14202	2.490	ng	# 69

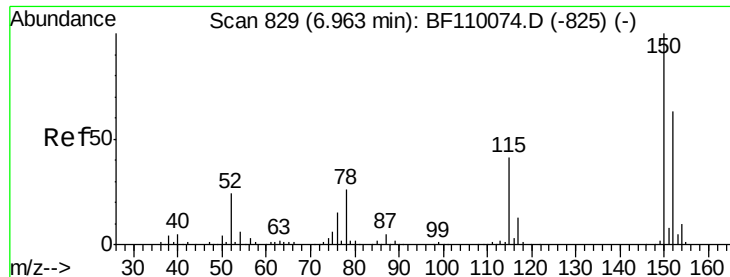
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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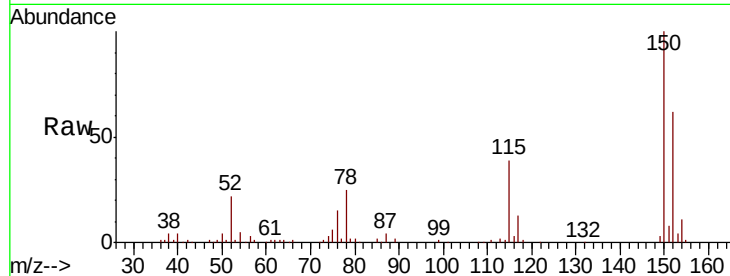


#1

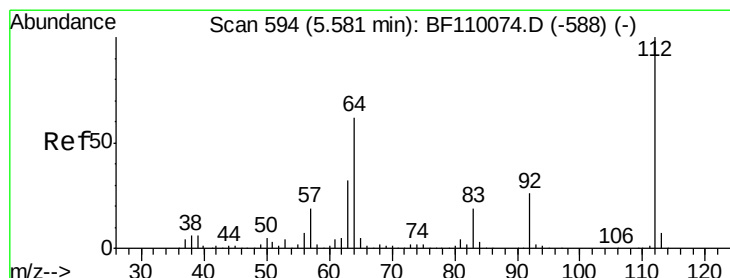
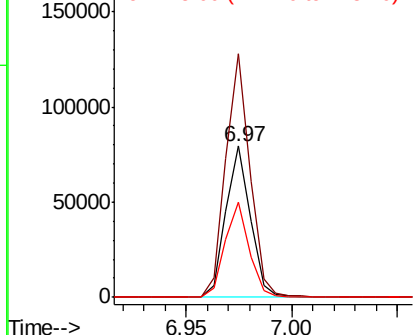
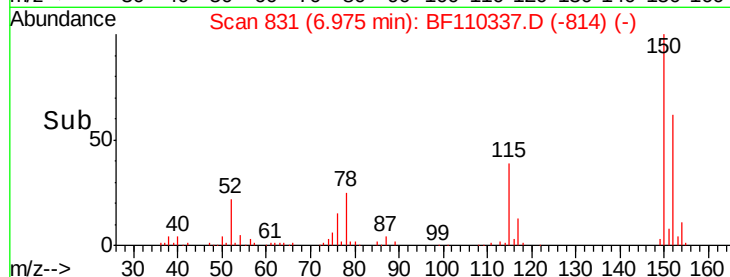
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110337.D
Acq: 31 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63526
Ion Ratio Lower Upper
152 100
150 161.0 122.7 184.1
115 62.8 49.1 73.7



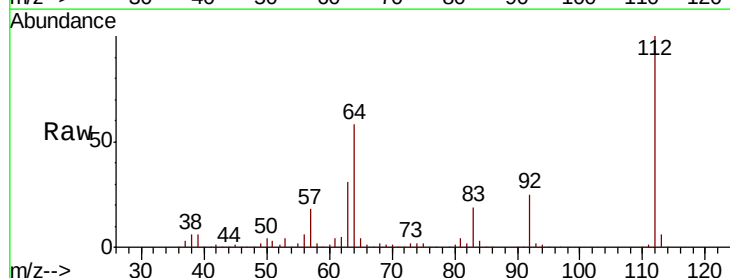
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



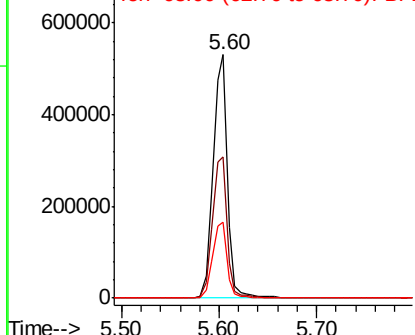
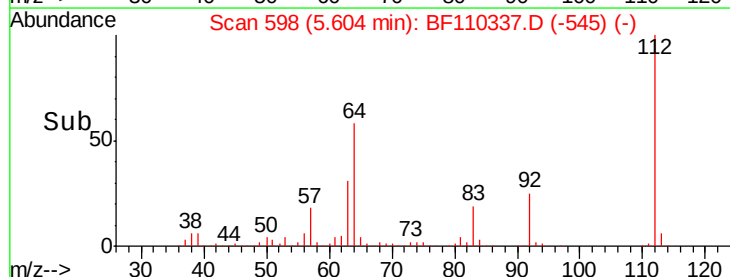
#5

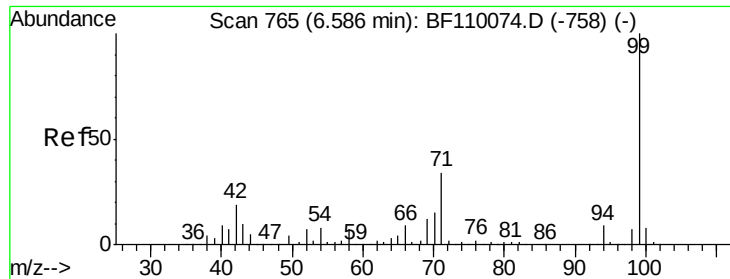
2-Fluorophenol
Concen: 137.529 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF110337.D
Acq: 31 Oct 2018 17:14

Tgt Ion:112 Resp: 536500
Ion Ratio Lower Upper
112 100
64 58.0 44.1 66.1
63 31.3 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: 127.060 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110337.D

Acq: 31 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

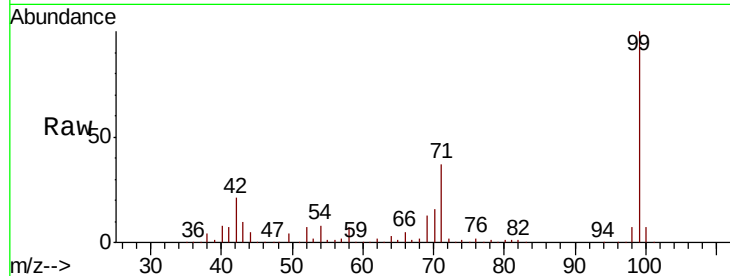
Tot Ion: 99 Resp: 633990

Ion Ratio Lower Upper

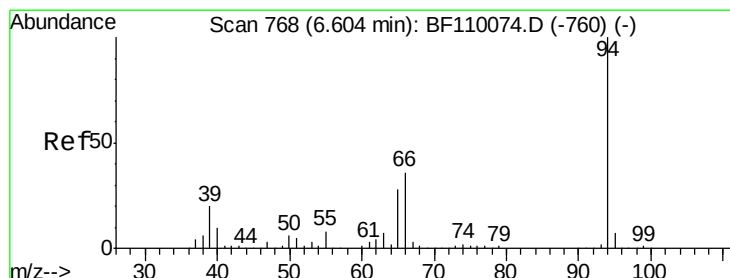
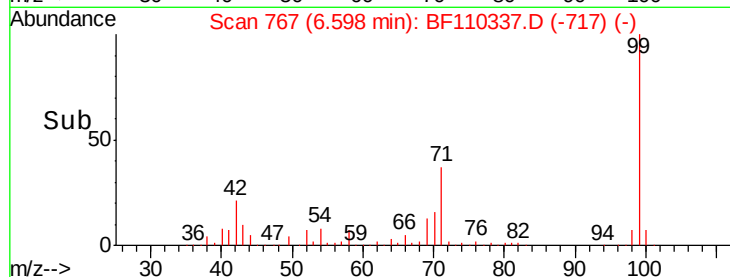
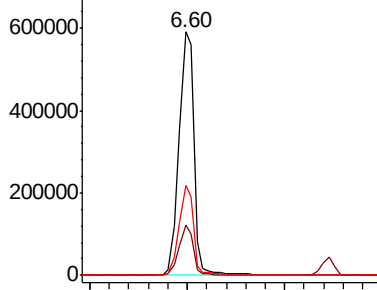
99 100

42 20.7 15.8 23.6

71 37.1 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: 8.121 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110337.D

Acq: 31 Oct 2018 17:14

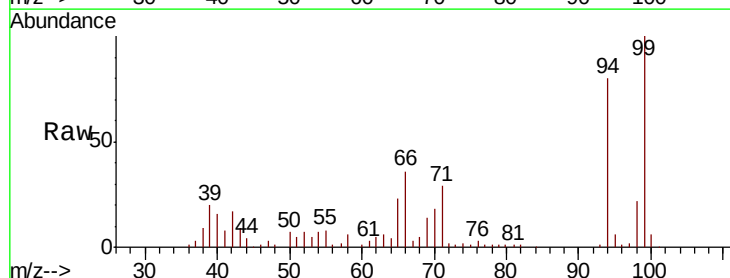
Tgt Ion: 94 Resp: 43312

Ion Ratio Lower Upper

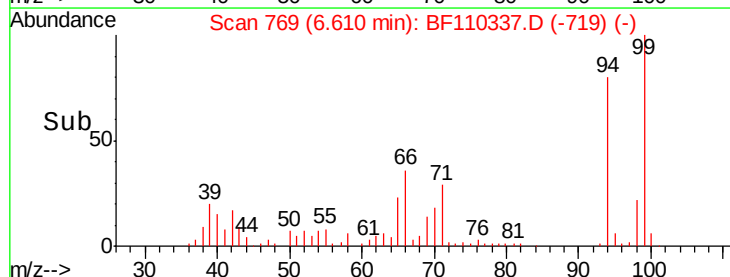
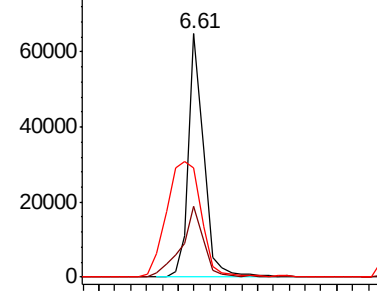
94 100

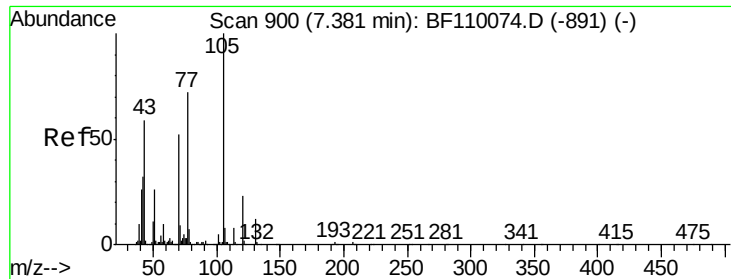
65 29.3 25.3 65.3

66 44.7 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

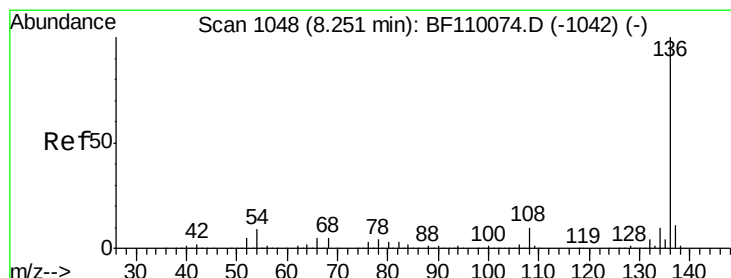
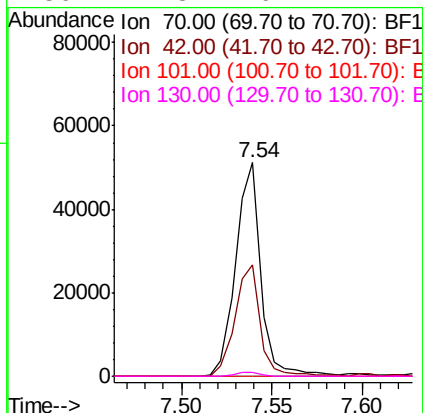
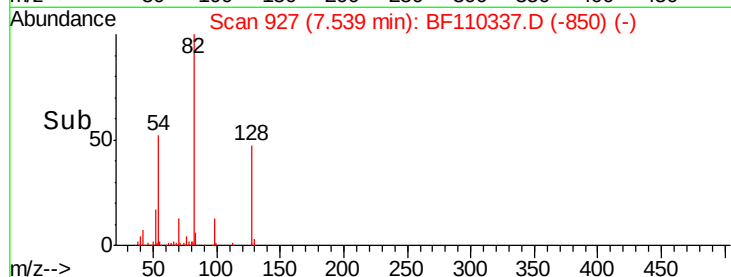
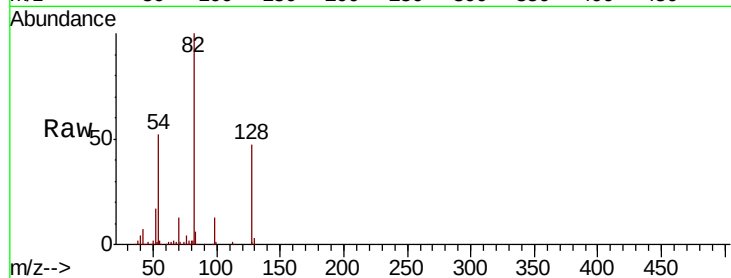




#19
n-Nitroso-di-n-propylamine
Concen: 15.426 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF110337.D
Acq: 31 Oct 2018 17:14

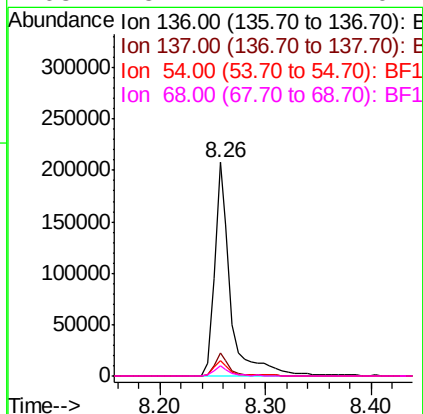
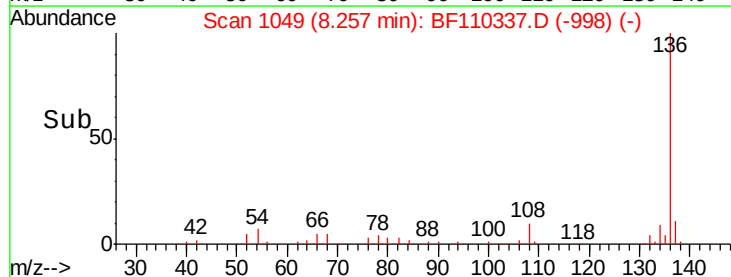
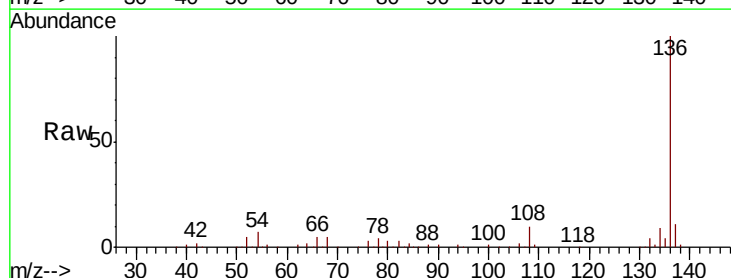
Instrument :
BNA_F
ClientSampleId :

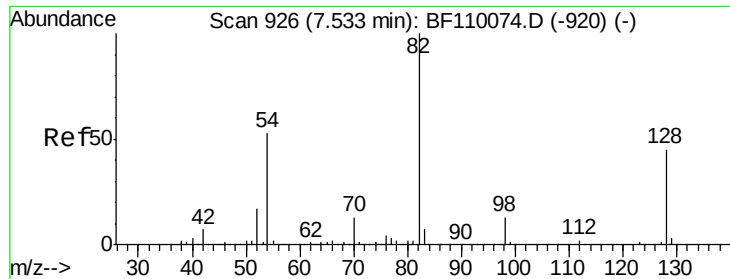
Tot Ion: 70 Resp: 49381
Ion Ratio Lower Upper
70 100
42 52.2 47.4 71.2
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110337.D
Acq: 31 Oct 2018 17:14

Tgt Ion: 136 Resp: 223537
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 5.4 8.2
68 5.1 4.2 6.2

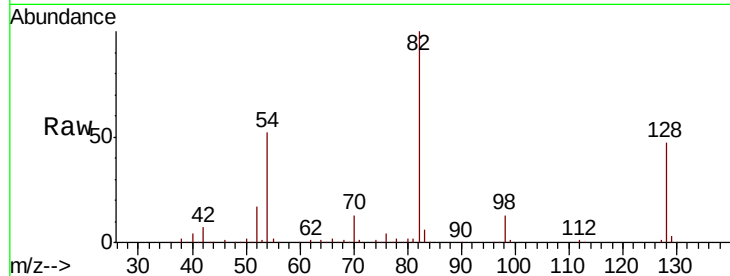




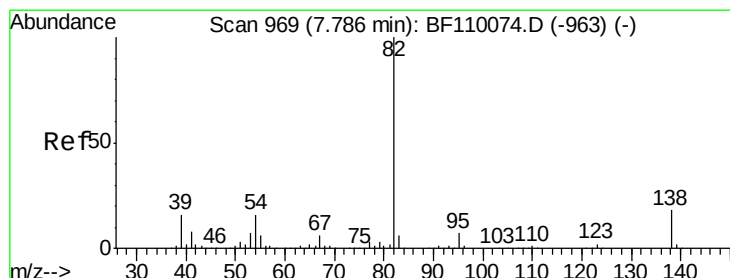
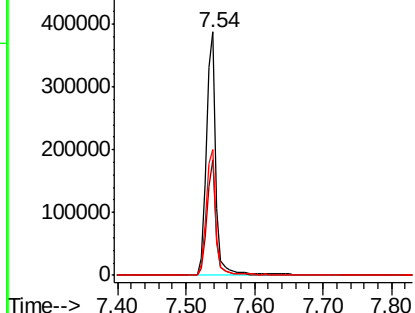
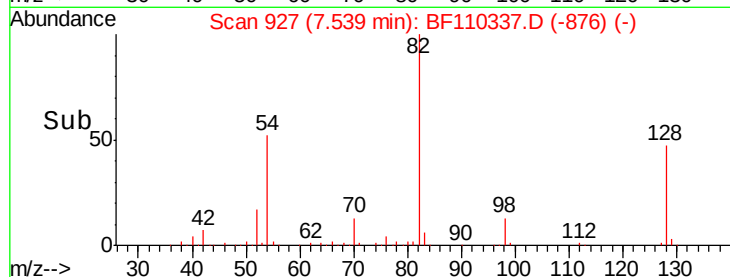
#23
 Nitrobenzene-d5
 Concen: 103.231 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF110337.D
 Acq: 31 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	389051
Ion Ratio	100	Lower	Upper
128	47.5	34.2	51.2
54	51.7	38.6	58.0

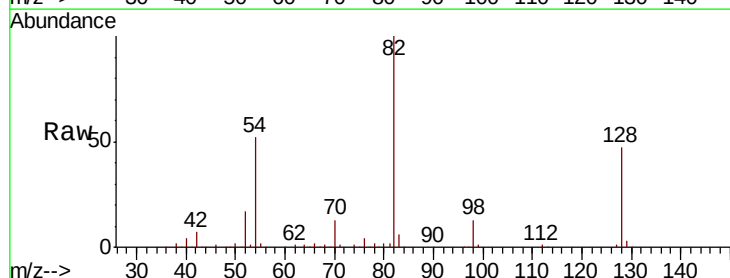


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

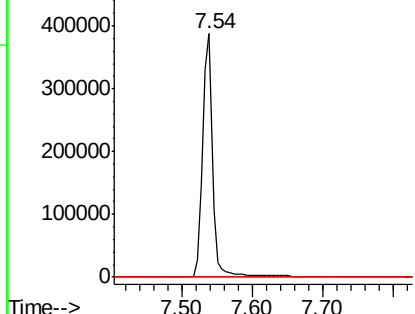
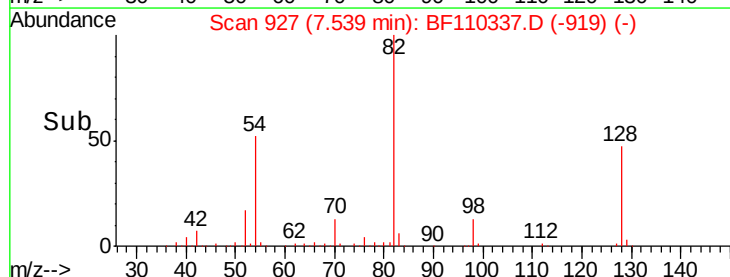


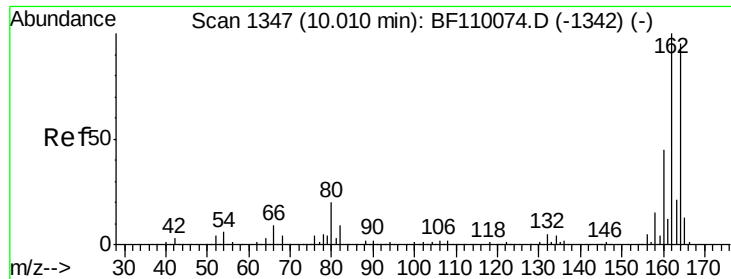
#25
 Isophorone
 Concen: 60.559 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.25 min
 Lab File: BF110337.D
 Acq: 31 Oct 2018 17:14

Tgt Ion	82	Resp	389049
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: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF110337.D

Acq: 31 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

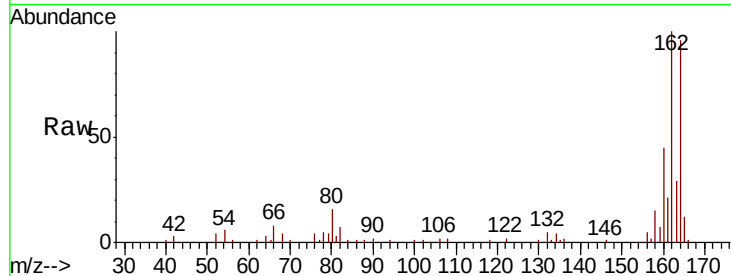
Tot Ion:164 Resp: 93601

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.6

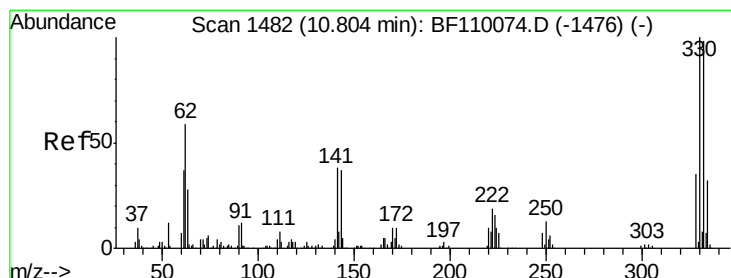
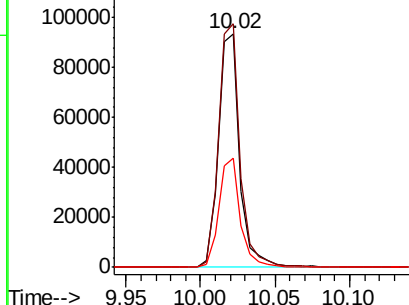
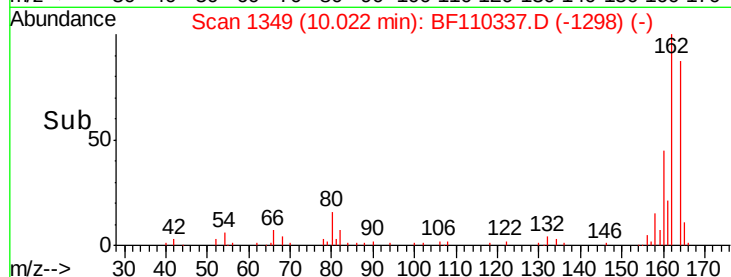
160 46.9 37.0 55.6



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: 146.204 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF110337.D

Acq: 31 Oct 2018 17:14

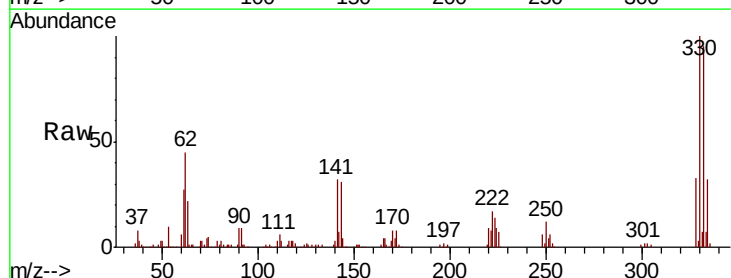
Tgt Ion:330 Resp: 135557

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

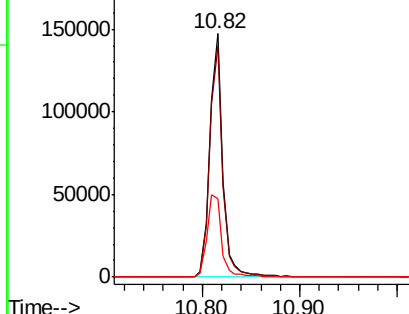
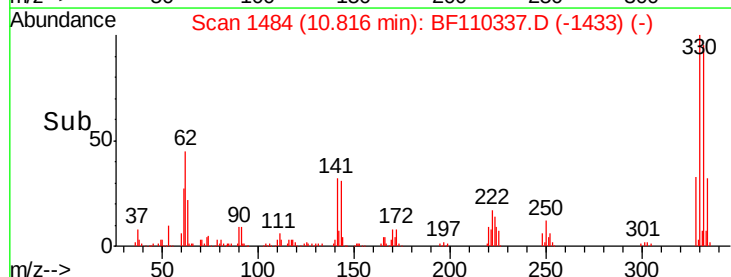
141 37.9 27.0 40.4

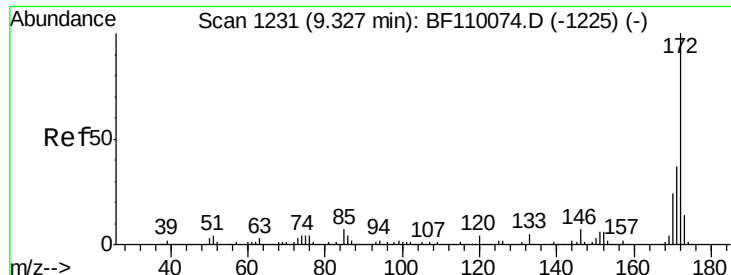


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

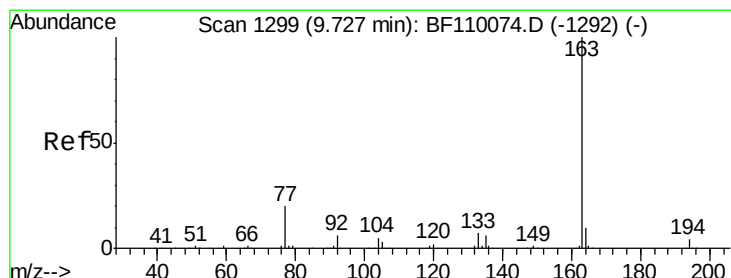
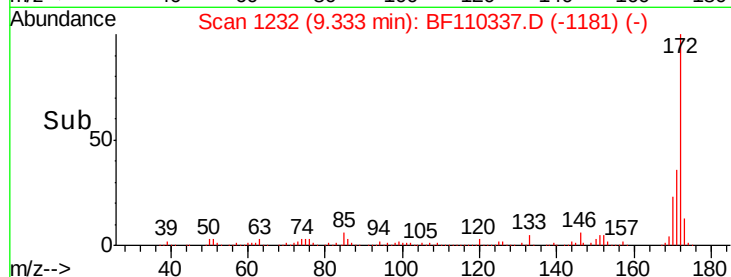
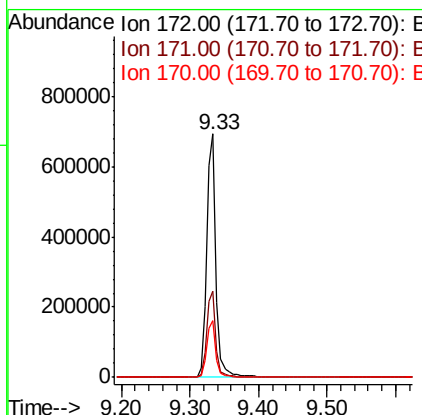
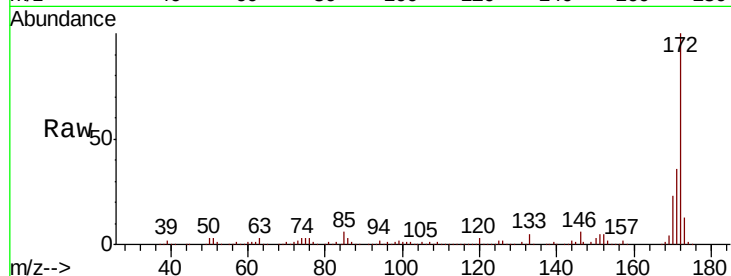




#45
2-Fluorobiphenyl
Concen: 111.944 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF110337.D
Acq: 31 Oct 2018 17:14

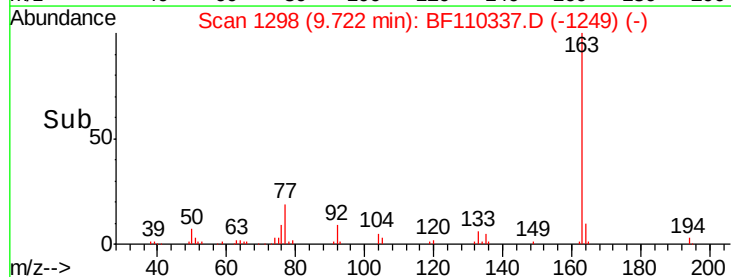
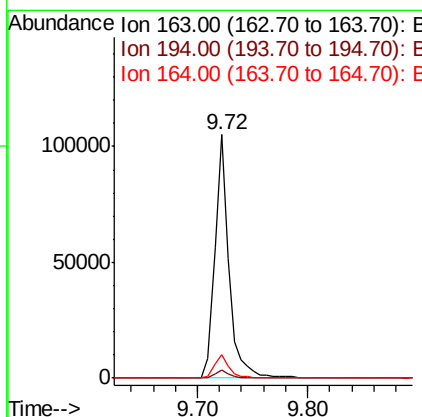
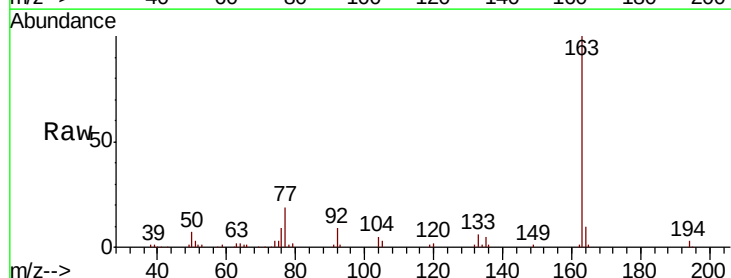
Instrument :
BNA_F
ClientSampleId :

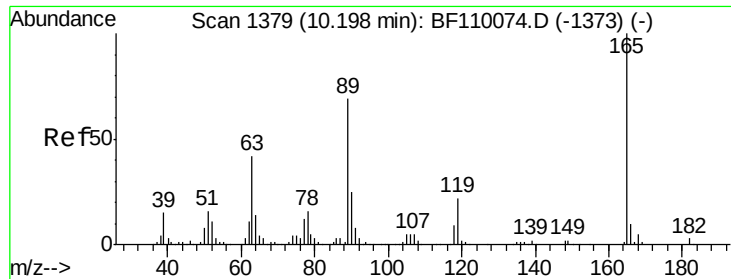
Tot Ion:172 Resp: 667283
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.2 19.7 29.5



#50
Dimethylphthalate
Concen: 13.328 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF110337.D
Acq: 31 Oct 2018 17:14

Tgt Ion:163 Resp: 92091
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 9.5 8.1 12.1





#57

2,4-Dinitrotoluene

Concen: 6.280 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.19 min

Lab File: BF110337.D

Acq: 31 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 11871

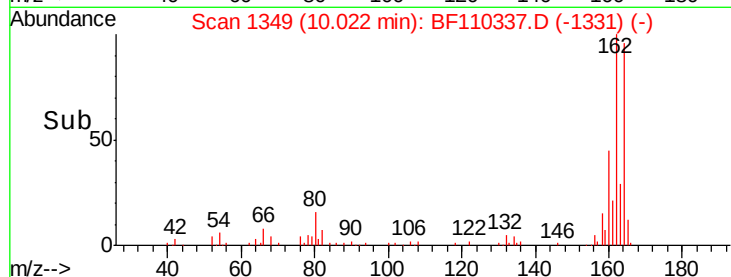
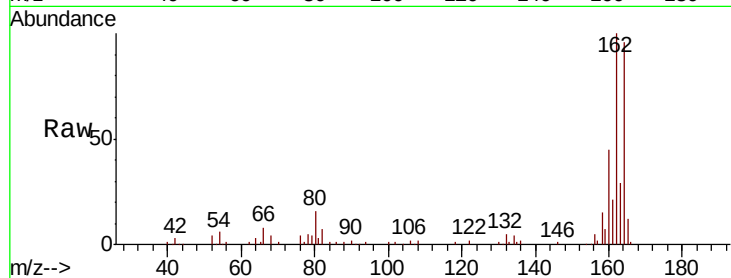
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

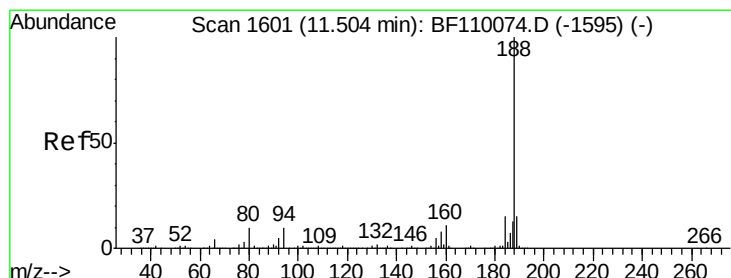
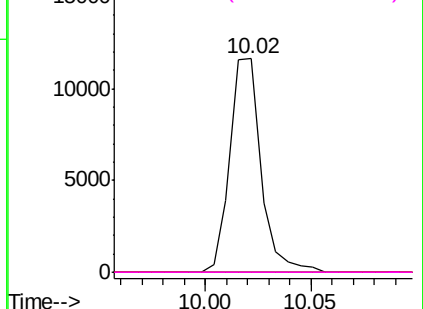


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF110337.D

Acq: 31 Oct 2018 17:14

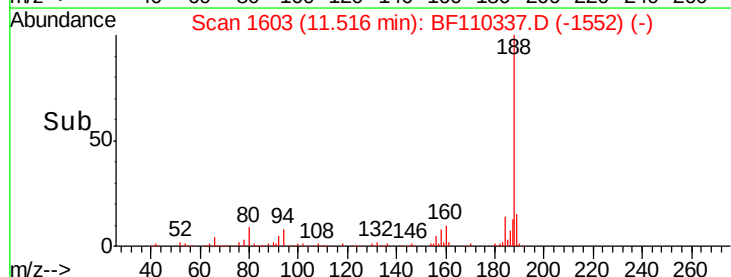
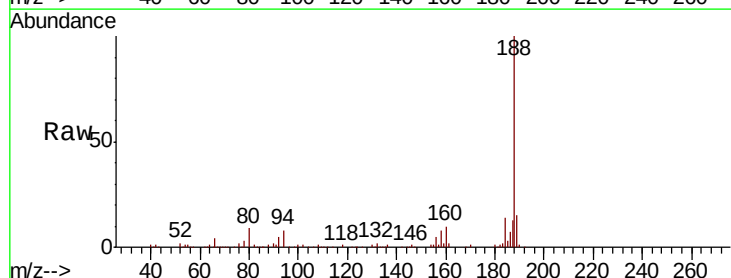
Tgt Ion:188 Resp: 184573

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

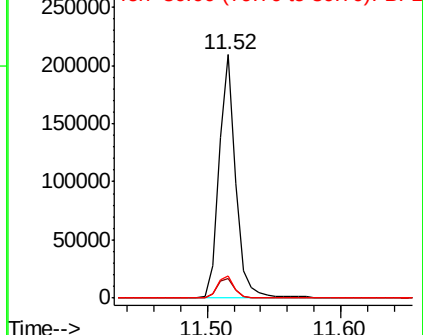
80 9.0 7.9 11.9

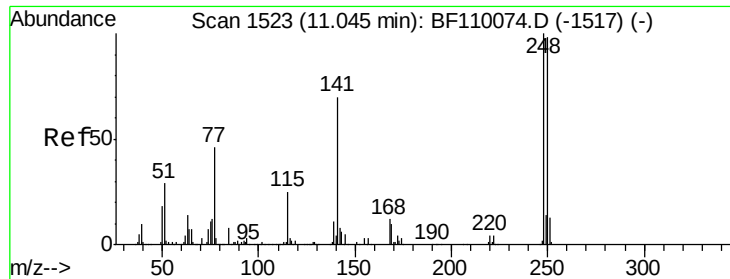


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

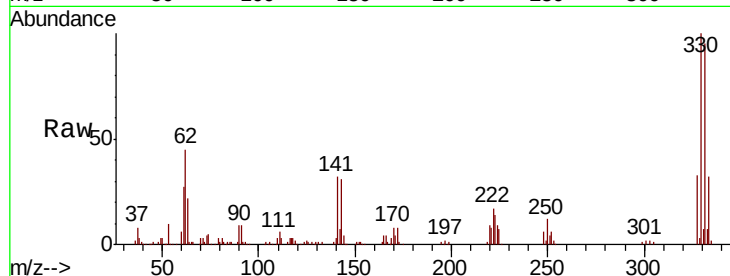




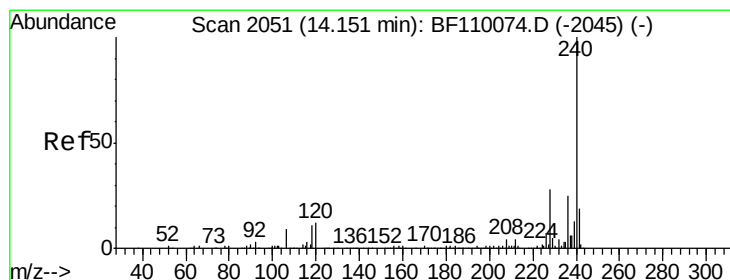
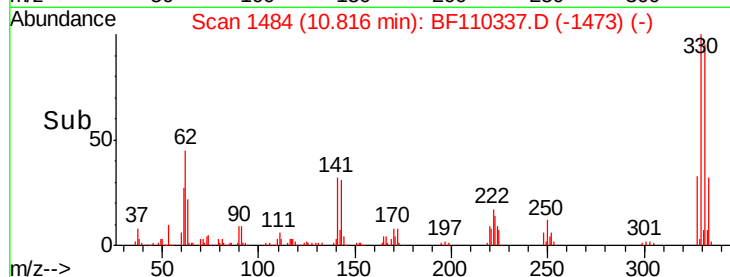
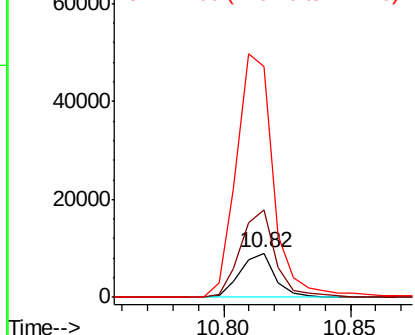
#67
4-Bromophenyl-phenylether
Concen: 4.285 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.24 min
Lab File: BF110337.D
Acq: 31 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8578
Ion Ratio Lower Upper
248 100
250 198.2 79.4 119.2#
141 525.1 55.9 83.9#

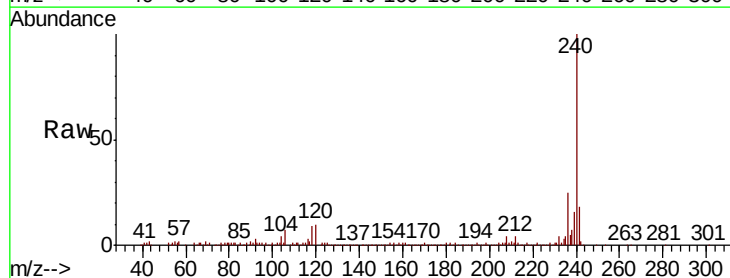


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

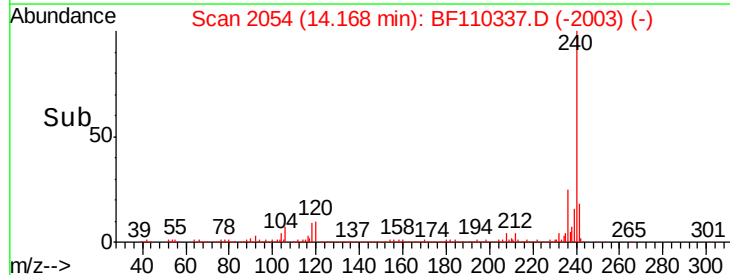
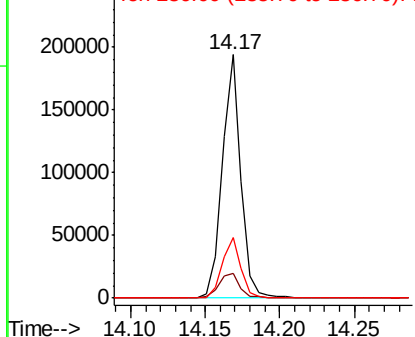


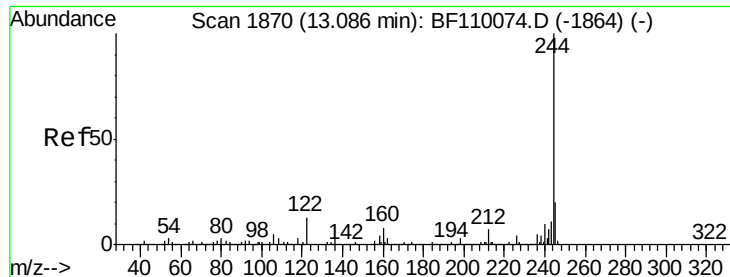
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF110337.D
Acq: 31 Oct 2018 17:14

Tgt Ion:240 Resp: 169984
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 25.0 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

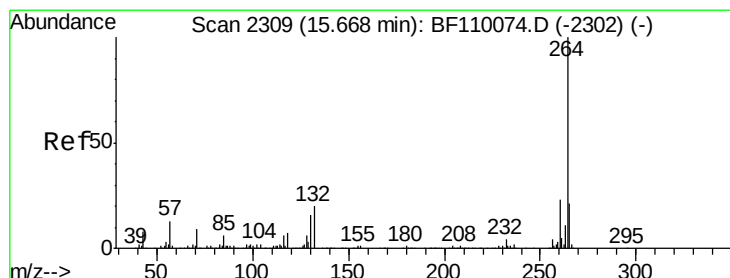
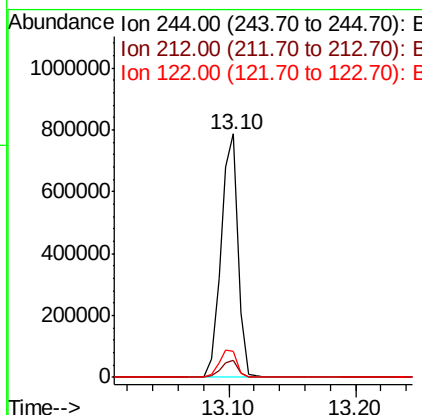
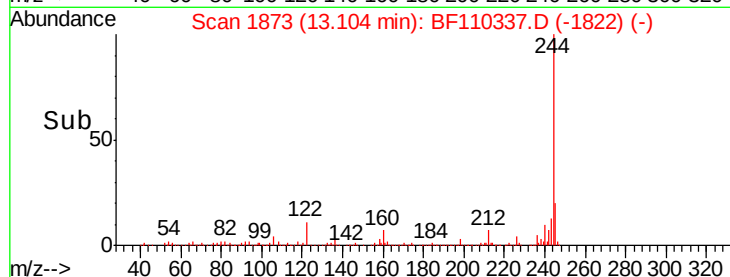
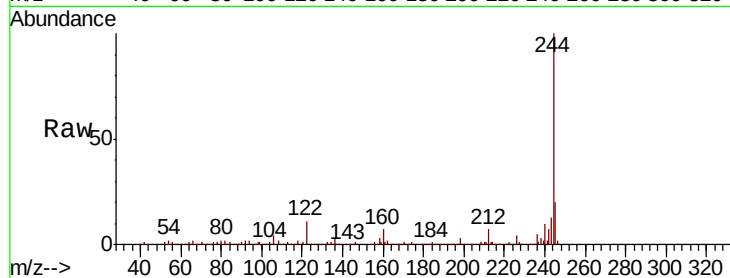




#79
 Terphenyl-d14
 Concen: 89.778 ng
 RT: 13.10 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BF110337.D
 Acq: 31 Oct 2018 17:14

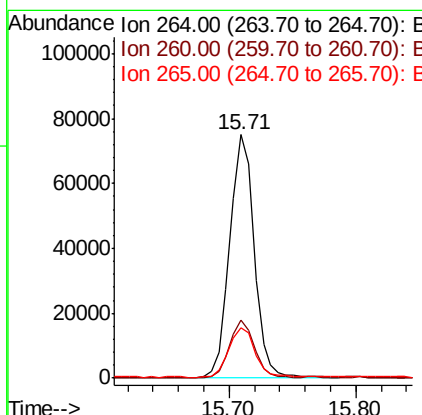
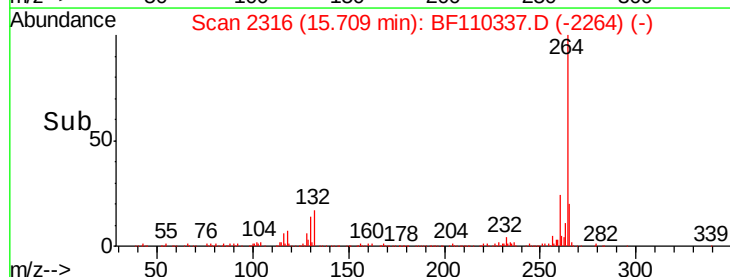
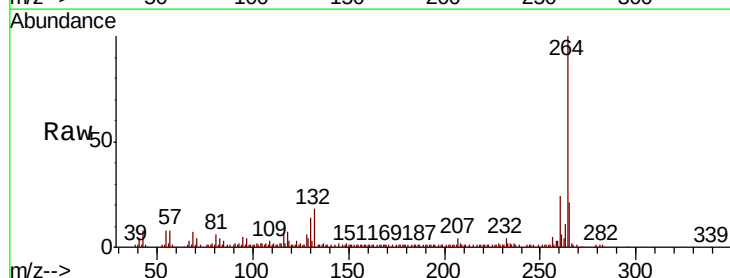
Instrument :
 BNA_F
 ClientSampleId :

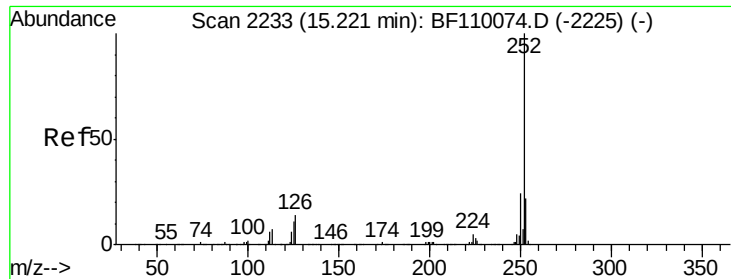
Tot Ion:244 Resp: 733799
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.8 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. 0.01 min
 Lab File: BF110337.D
 Acq: 31 Oct 2018 17:14

Tgt Ion:264 Resp: 100483
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 20.9 16.7 25.1

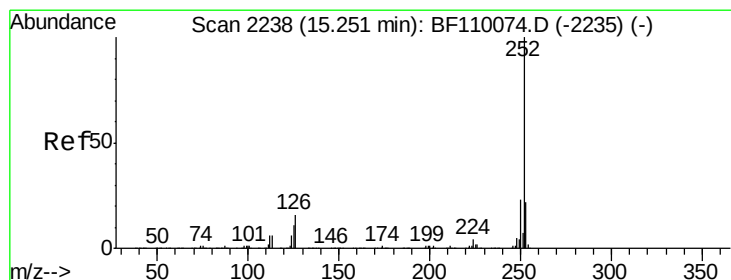
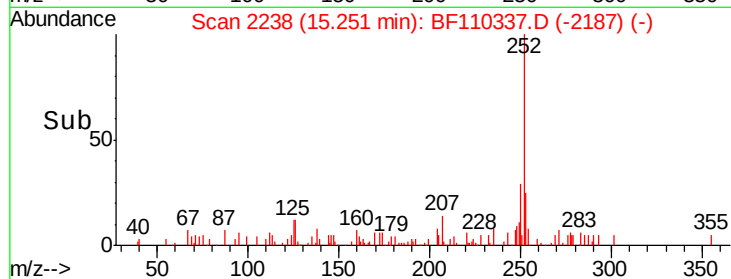
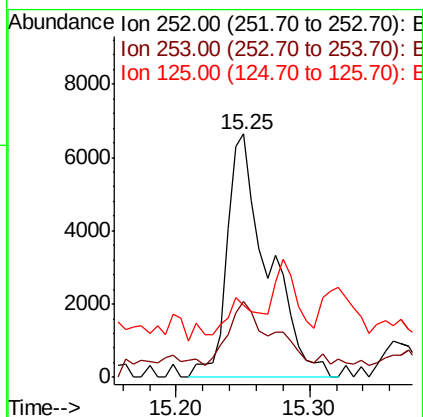
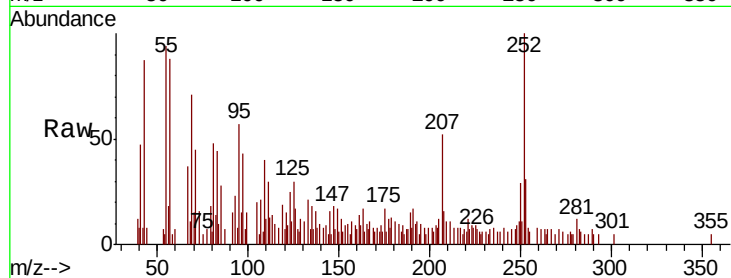




#88
Benzo(b)fluoranthene
Concen: 2.448 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF110337.D
Acq: 31 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 14202
Ion Ratio Lower Upper
252 100
253 31.1 17.2 25.8#
125 29.7 8.2 12.4#



#89
Benzo(k)fluoranthene
Concen: 2.490 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.03 min
Lab File: BF110337.D
Acq: 31 Oct 2018 17:14

Tgt Ion:252 Resp: 14202
Ion Ratio Lower Upper
252 100
253 31.1 17.2 25.8#
125 29.7 7.4 11.0#

