

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110554.D
 Acq On : 7 Nov 2018 10:13
 Operator : JU/SJ
 Sample : J5808-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 13:53:43 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

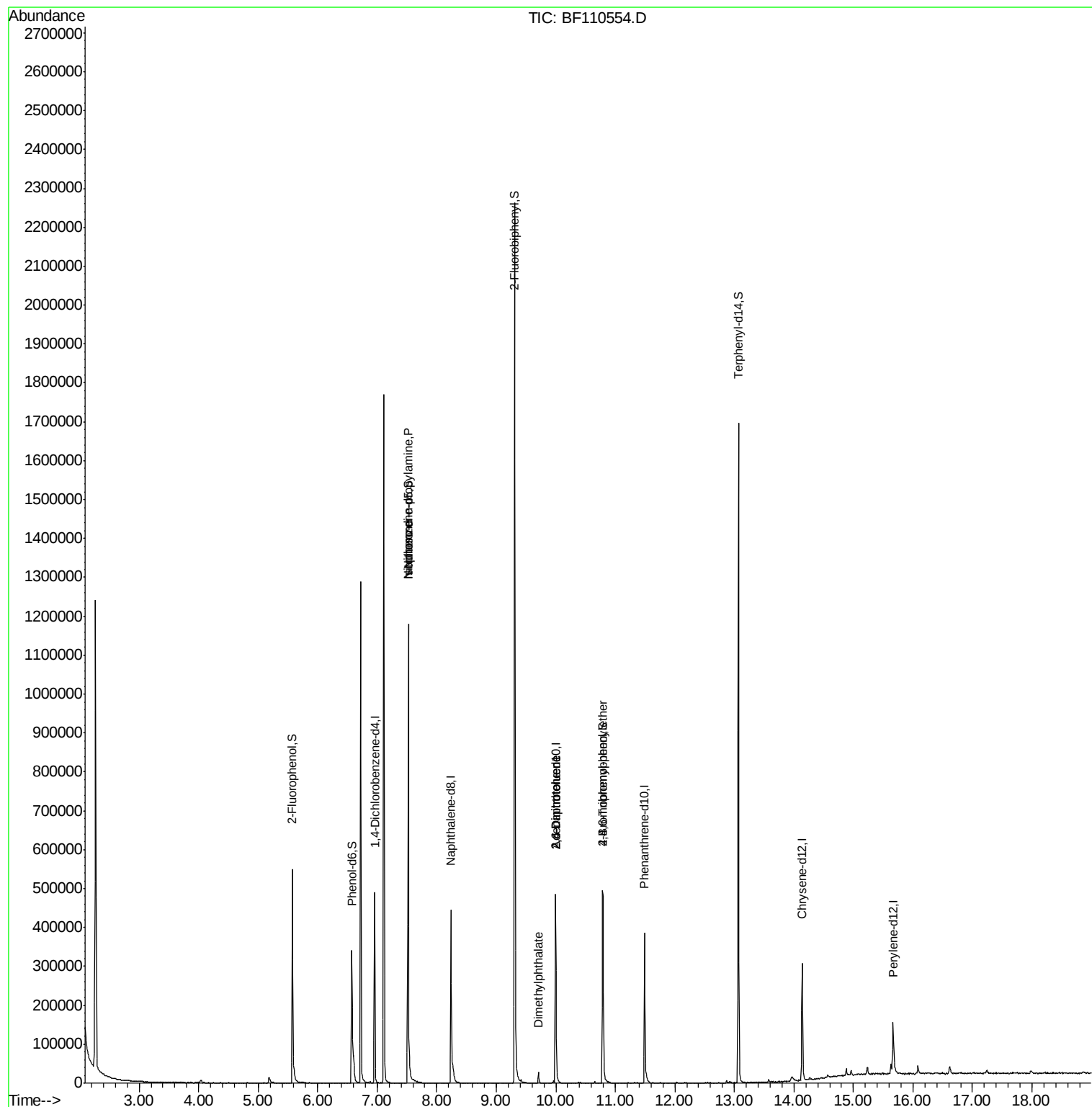
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	76354	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	281424	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	108027	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	185342	20.00	ng	0.00
76) Chrysene-d12	14.14	240	124201	20.00	ng	0.00
87) Perylene-d12	15.67	264	87879	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	174349	37.18	ng	0.00
7) Phenol-d6	6.57	99	133769	22.30	ng	0.00
23) Nitrobenzene-d5	7.52	82	423338	89.22	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	77792	72.70	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	740278	107.61	ng	0.00
79) Terphenyl-d14	13.07	244	618071	103.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	54261	14.103	ng	Qvalue # 80
25) Isophorone	7.52	82	423369	52.346	ng	# 67
50) Dimethylphthalate	9.71	163	18558	2.327	ng	99
51) 2,6-Dinitrotoluene	10.00	165	13566	7.898	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	13566	6.218	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	4724	2.350	ng	# 1

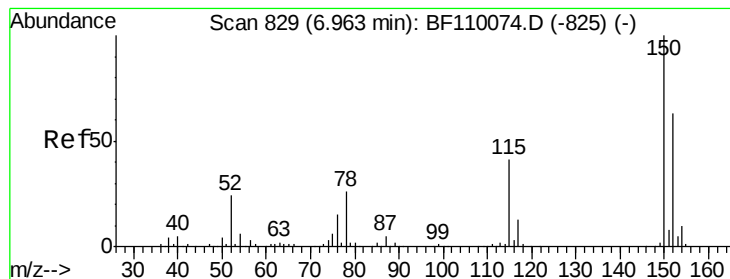
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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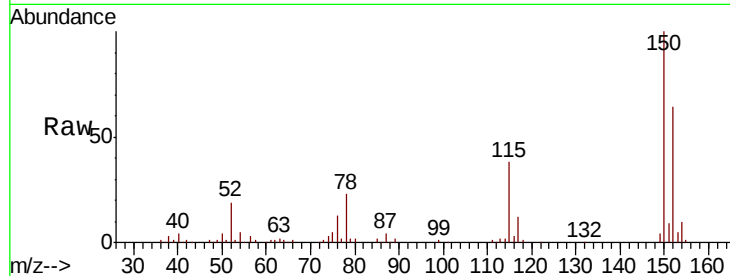


#1

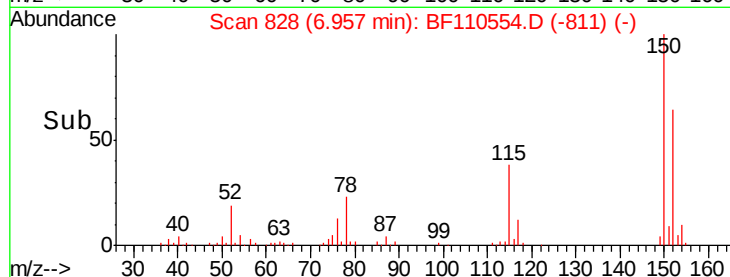
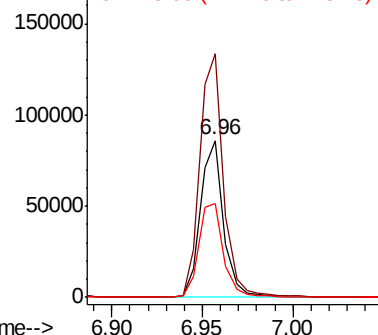
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110554.D
Acq: 7 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76354
Ion Ratio Lower Upper
152 100
150 155.4 122.7 184.1
115 59.5 49.1 73.7



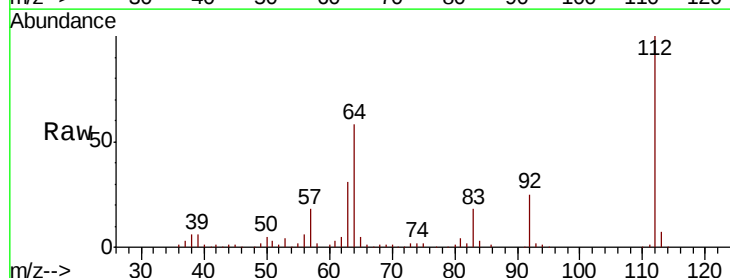
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



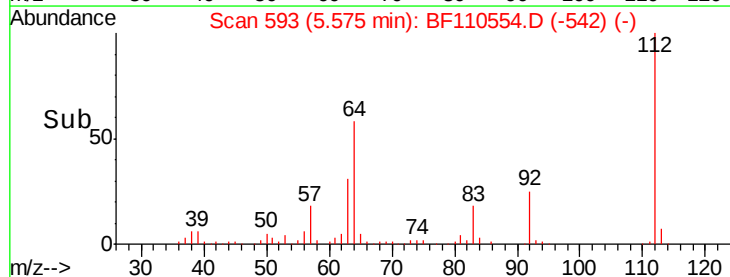
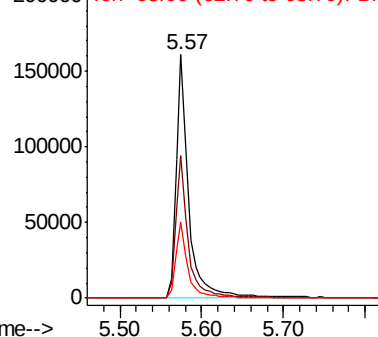
#5

2-Fluorophenol
Concen: 37.185 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110554.D
Acq: 7 Nov 2018 10:13

Tgt Ion:112 Resp: 174349
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 31.1 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: 22.305 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110554.D

Acq: 7 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

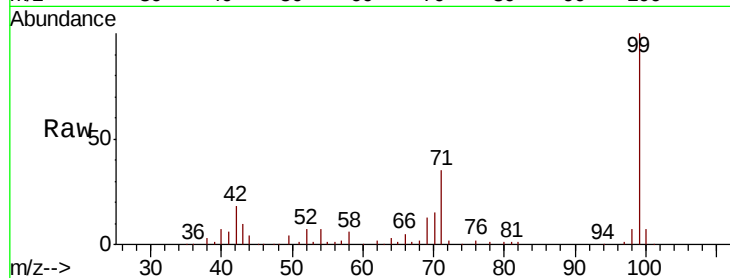
Tot Ion: 99 Resp: 133769

Ion Ratio Lower Upper

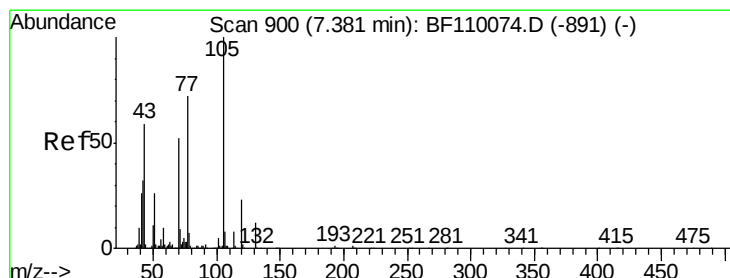
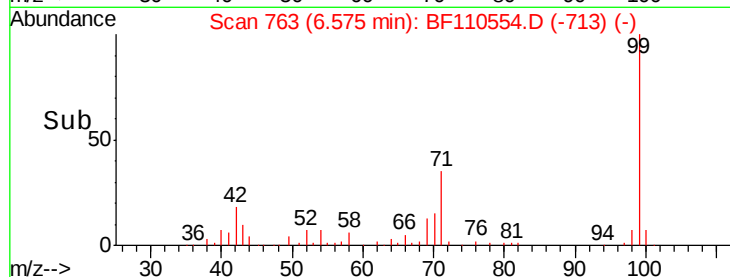
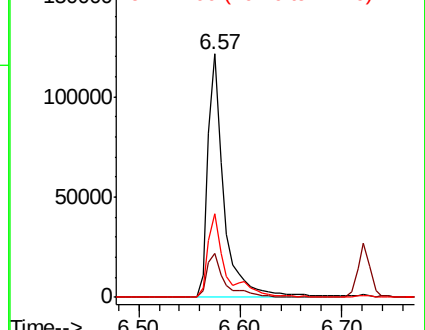
99 100

42 18.3 15.8 23.6

71 34.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.103 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110554.D

Acq: 7 Nov 2018 10:13

Tgt Ion: 70 Resp: 54261

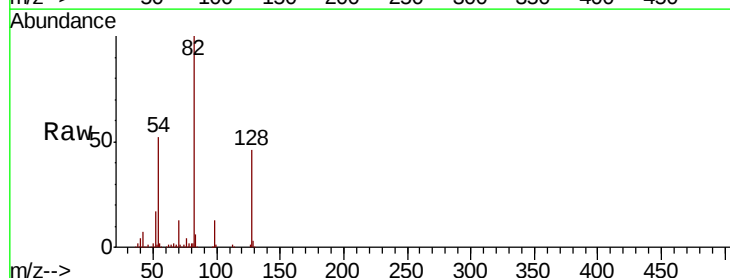
Ion Ratio Lower Upper

70 100

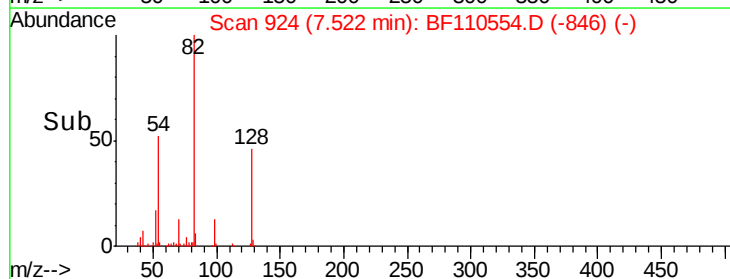
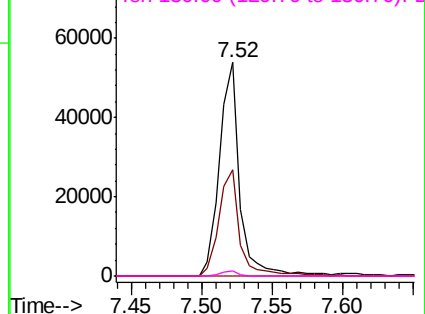
42 50.0 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

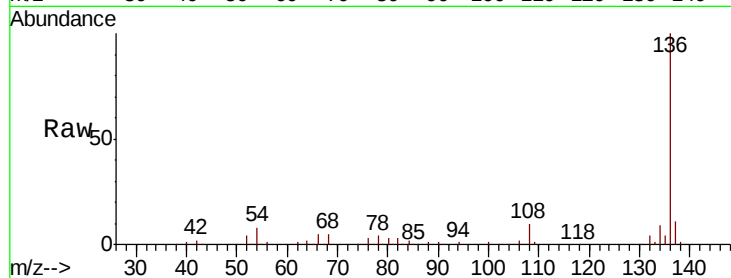




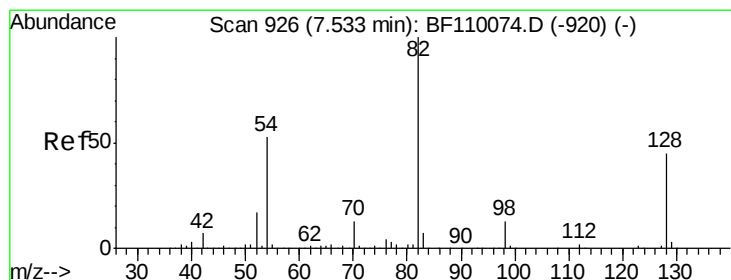
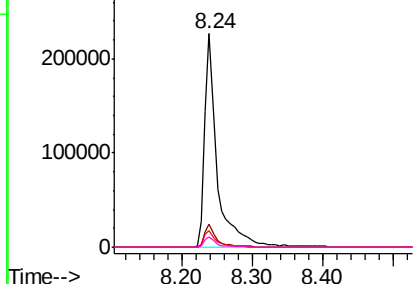
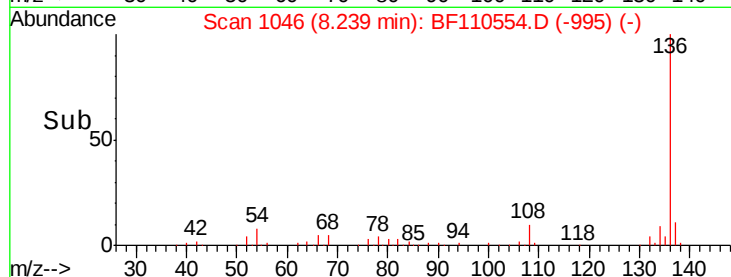
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110554.D
Acq: 7 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 281424
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 5.4 8.2
68 4.8 4.2 6.2

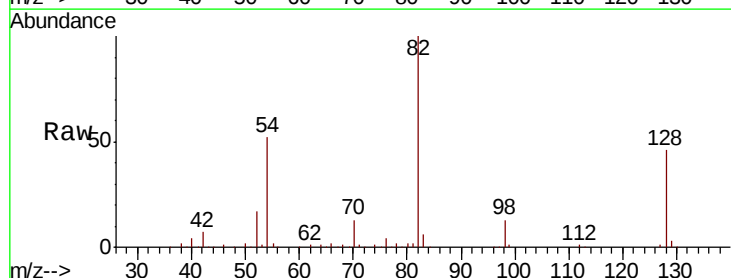


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

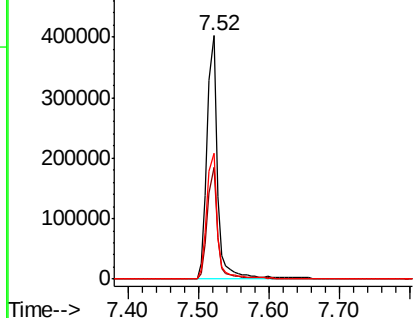
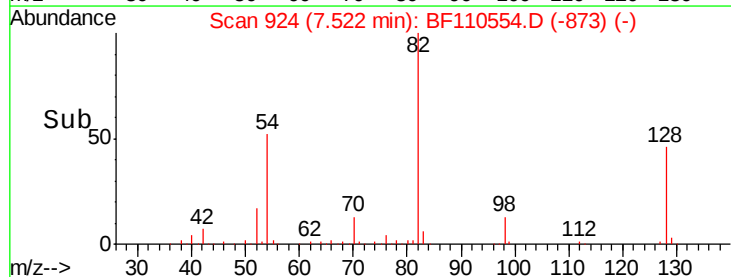


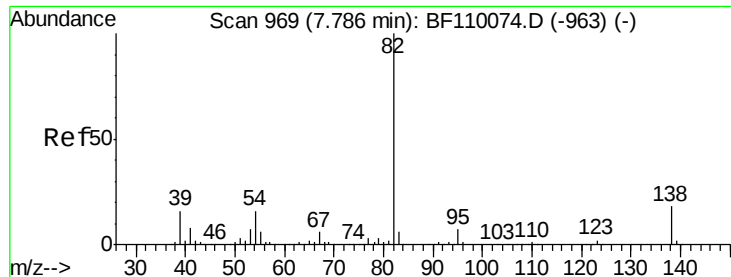
#23
Nitrobenzene-d5
Concen: 89.223 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110554.D
Acq: 7 Nov 2018 10:13

Tgt Ion: 82 Resp: 423338
Ion Ratio Lower Upper
82 100
128 46.1 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): E
Ion 54.00 (53.70 to 54.70): BF1

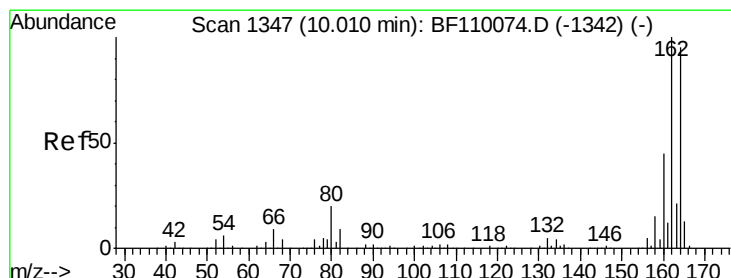
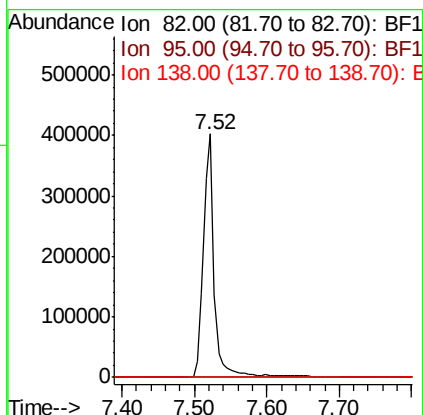
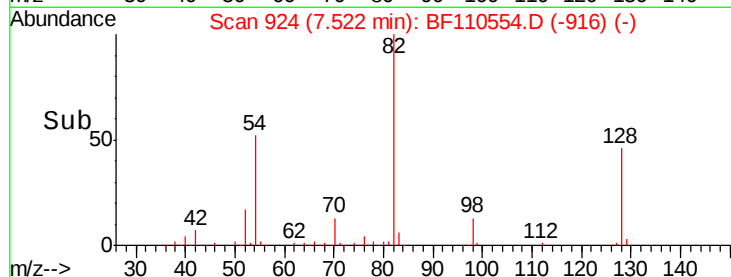
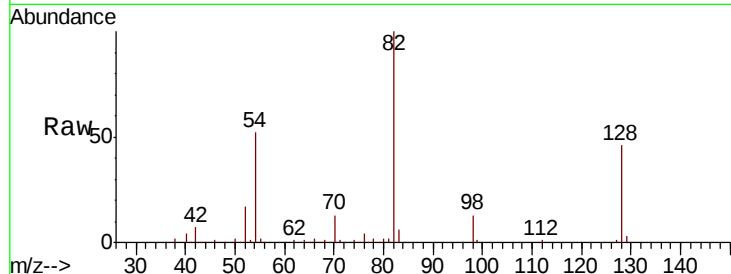




#25
Isophorone
Concen: 52.346 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110554.D
Acq: 7 Nov 2018 10:13

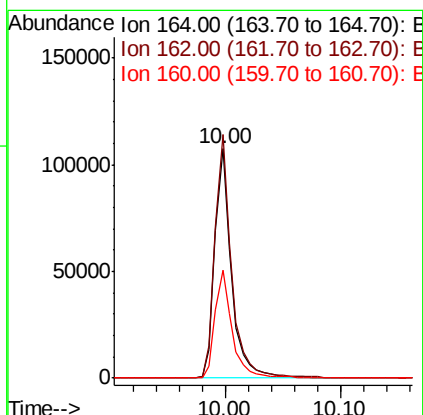
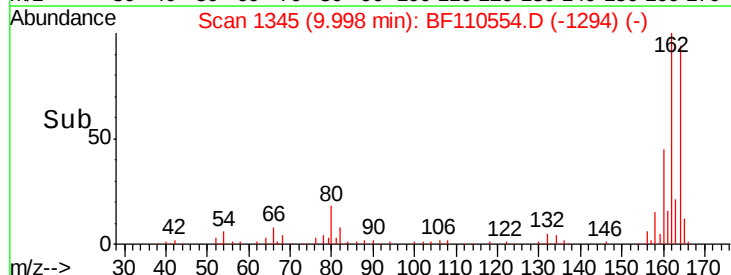
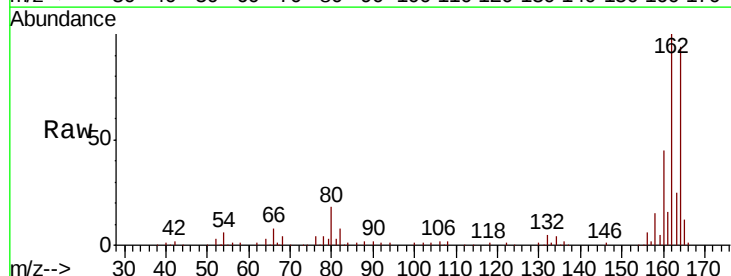
Instrument :
BNA_F
ClientSampled :

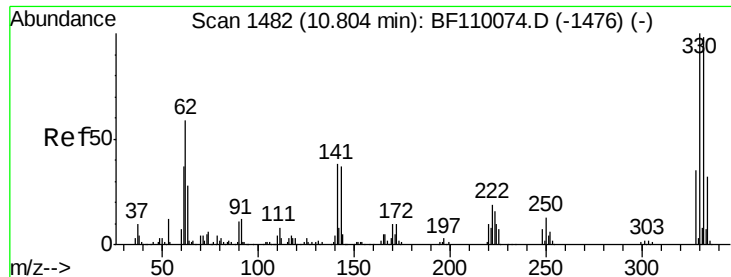
Tot Ion: 82 Resp: 423369
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110554.D
Acq: 7 Nov 2018 10:13

Tgt Ion:164 Resp: 108027
Ion Ratio Lower Upper
164 100
162 106.2 83.0 124.6
160 47.4 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 72.697 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110554.D

Acq: 7 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

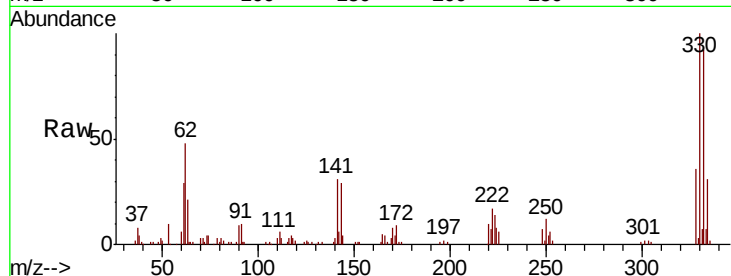
Tot Ion:330 Resp: 77792

Ion Ratio Lower Upper

330 100

332 91.7 77.1 115.7

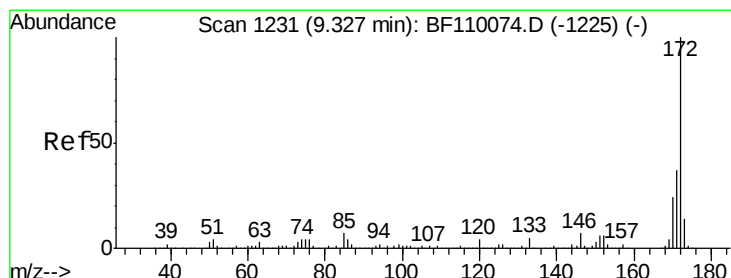
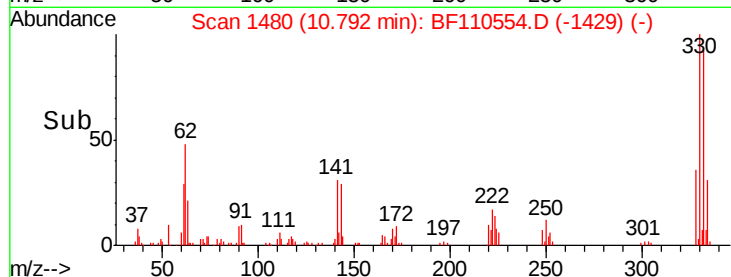
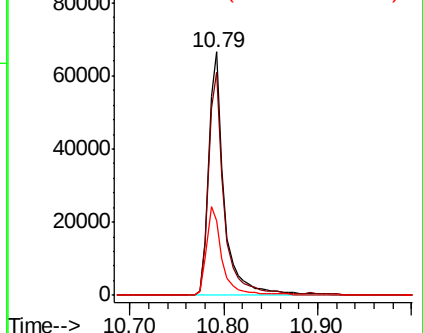
141 35.7 27.0 40.4



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: 107.605 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110554.D

Acq: 7 Nov 2018 10:13

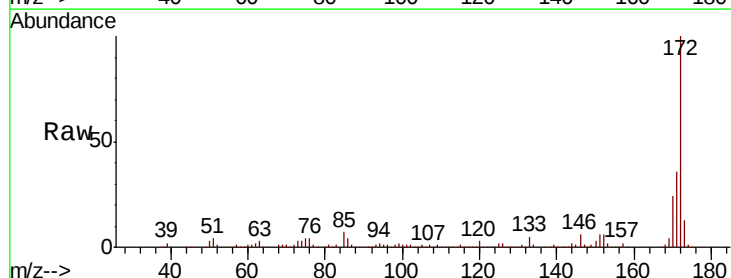
Tgt Ion:172 Resp: 740278

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

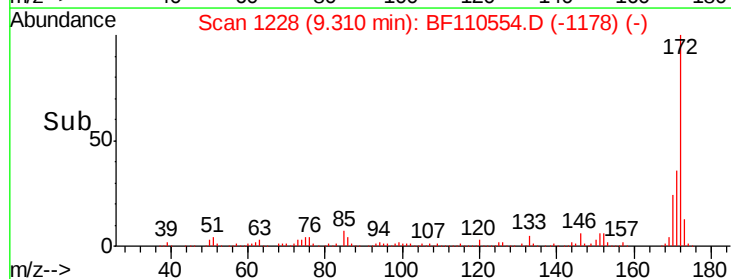
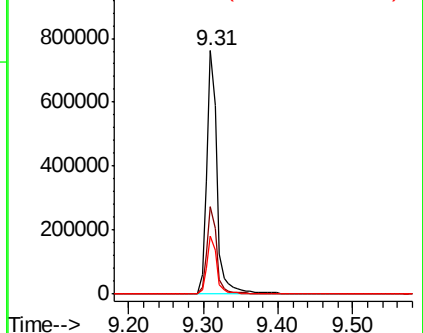
170 23.9 19.7 29.5

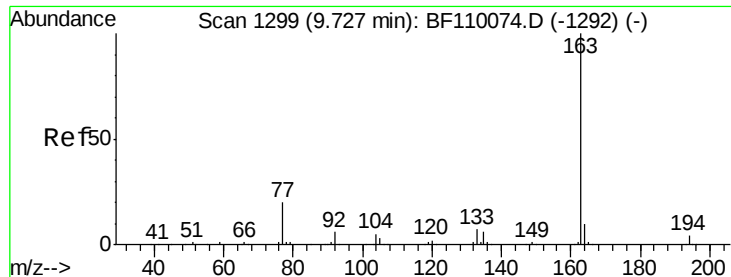


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.327 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110554.D

Acq: 7 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

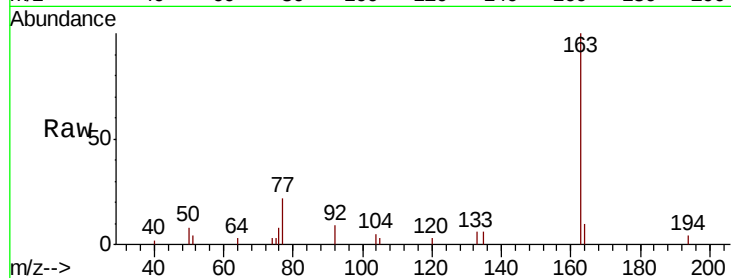
Tot Ion:163 Resp: 18558

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

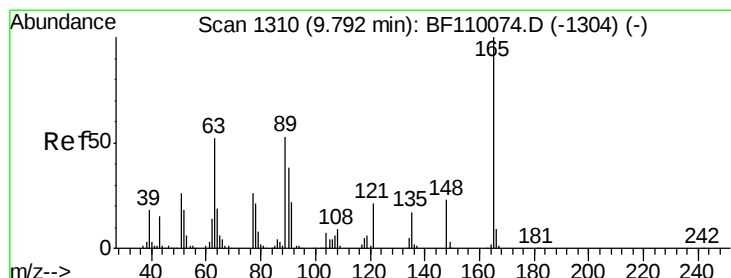
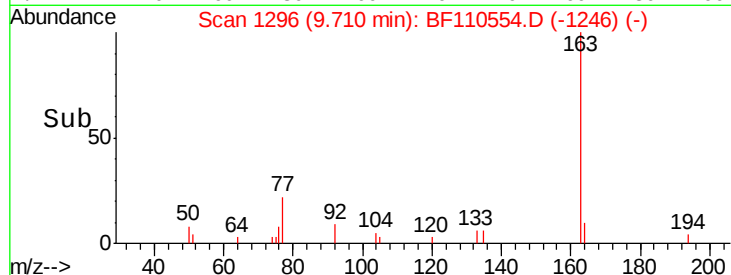
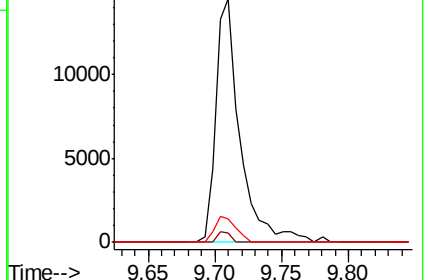
164 9.8 8.1 12.1



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



#51

2,6-Dinitrotoluene

Concen: 7.898 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110554.D

Acq: 7 Nov 2018 10:13

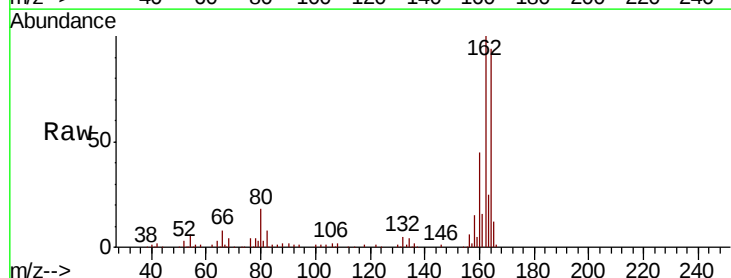
Tgt Ion:165 Resp: 13566

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

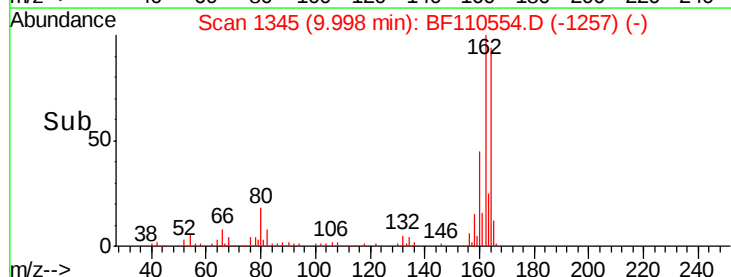
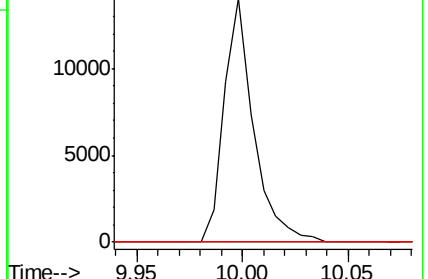
89 0.0 46.6 69.8#



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

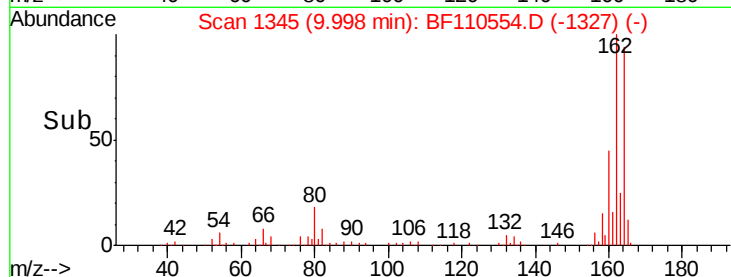
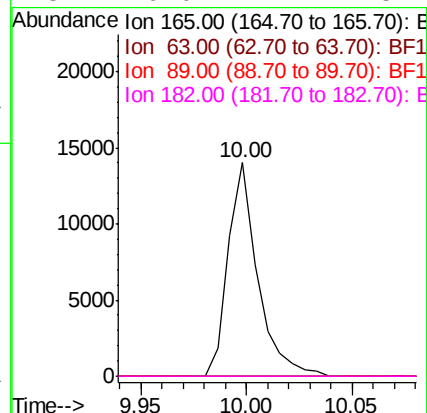
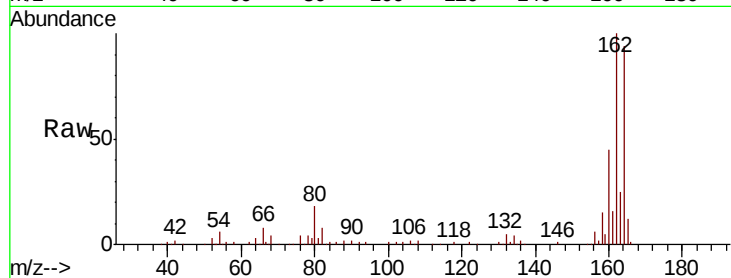




#57
 2,4-Dinitrotoluene
 Concen: 6.218 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110554.D
 Acq: 7 Nov 2018 10:13

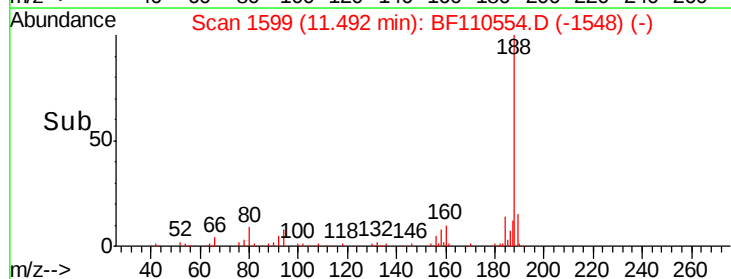
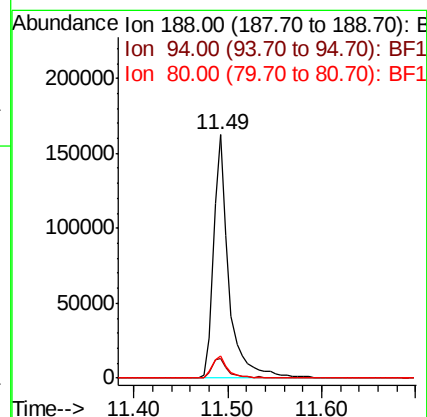
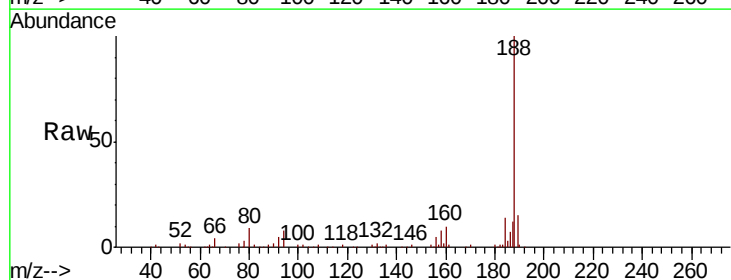
Instrument :
 BNA_F
 ClientSampleId :

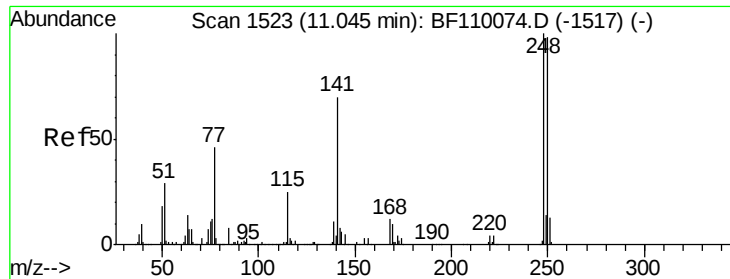
Tot Ion:	165	Resp:	13566
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF110554.D
 Acq: 7 Nov 2018 10:13

Tgt Ion:	188	Resp:	185342
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.9	7.9	11.9

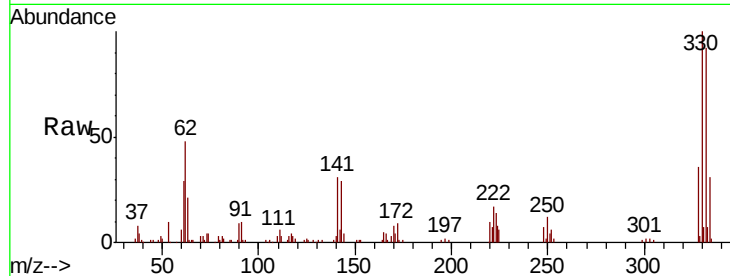




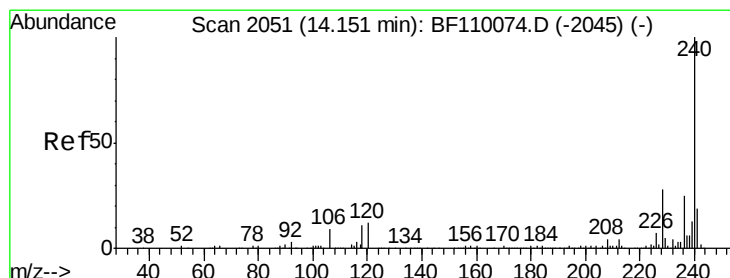
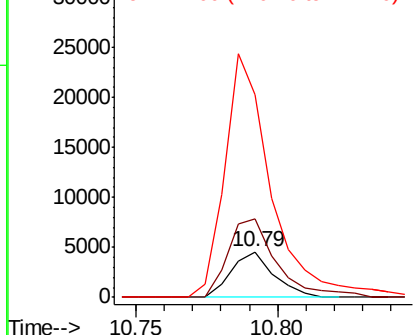
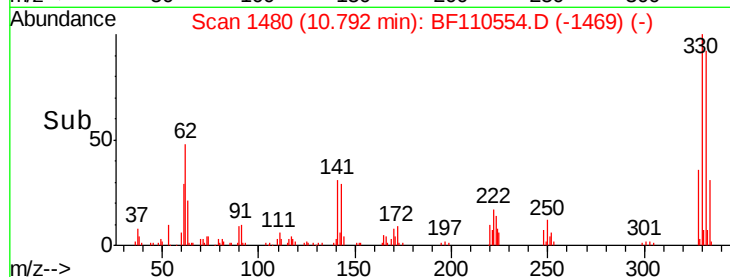
#67
4-Bromophenyl-phenylether
Concen: 2.350 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF110554.D
Acq: 7 Nov 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 4724
Ion Ratio Lower Upper
248 100
250 173.0 79.4 119.2#
141 448.6 55.9 83.9#

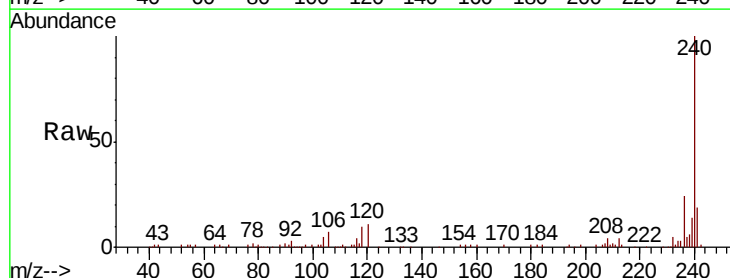


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

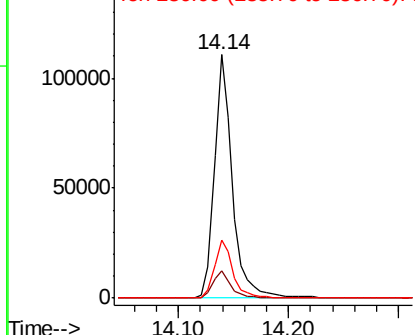
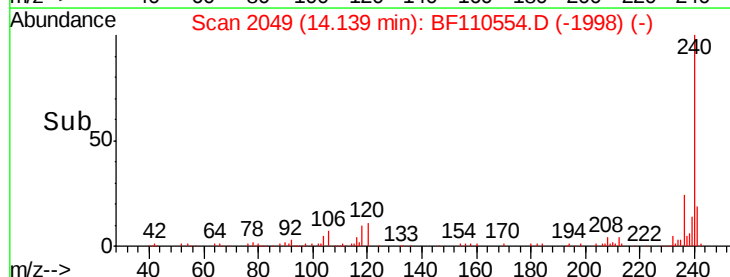


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110554.D
Acq: 7 Nov 2018 10:13

Tgt Ion:240 Resp: 124201
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 23.9 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: 103.494 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110554.D

Acq: 7 Nov 2018 10:13

Instrument :

BNA_F

ClientSampleId :

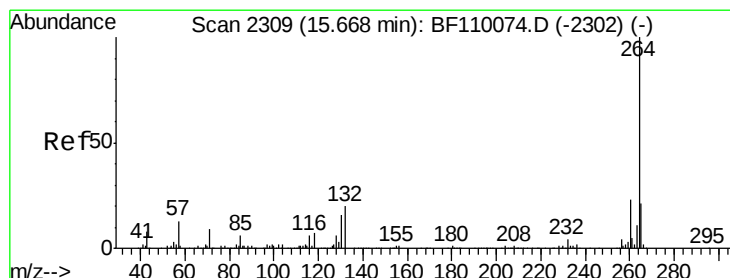
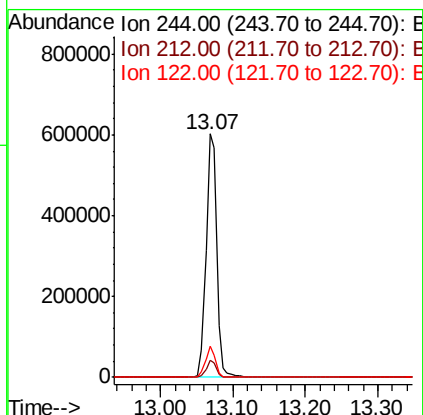
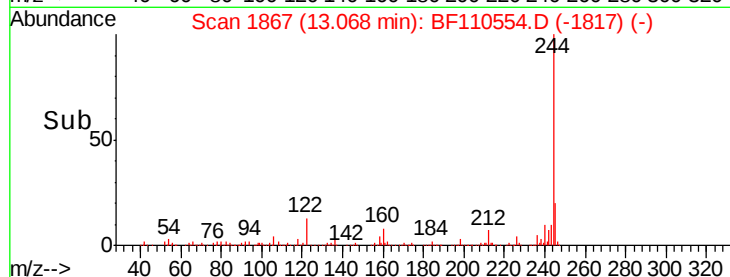
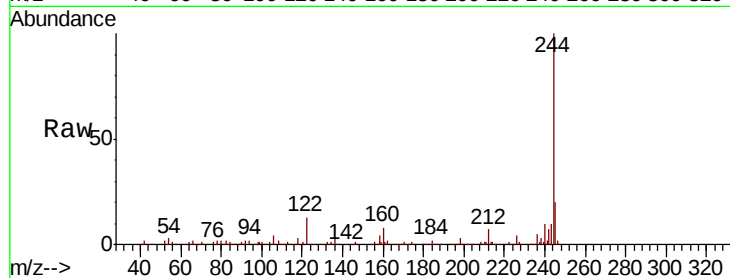
Tot Ion:244 Resp: 618071

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 12.9 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110554.D

Acq: 7 Nov 2018 10:13

Tgt Ion:264 Resp: 87879

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.9 16.7 25.1

