

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110392.D
 Acq On : 2 Nov 2018 5:29
 Operator : JU/SJ
 Sample : J5741-42
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:36:19 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

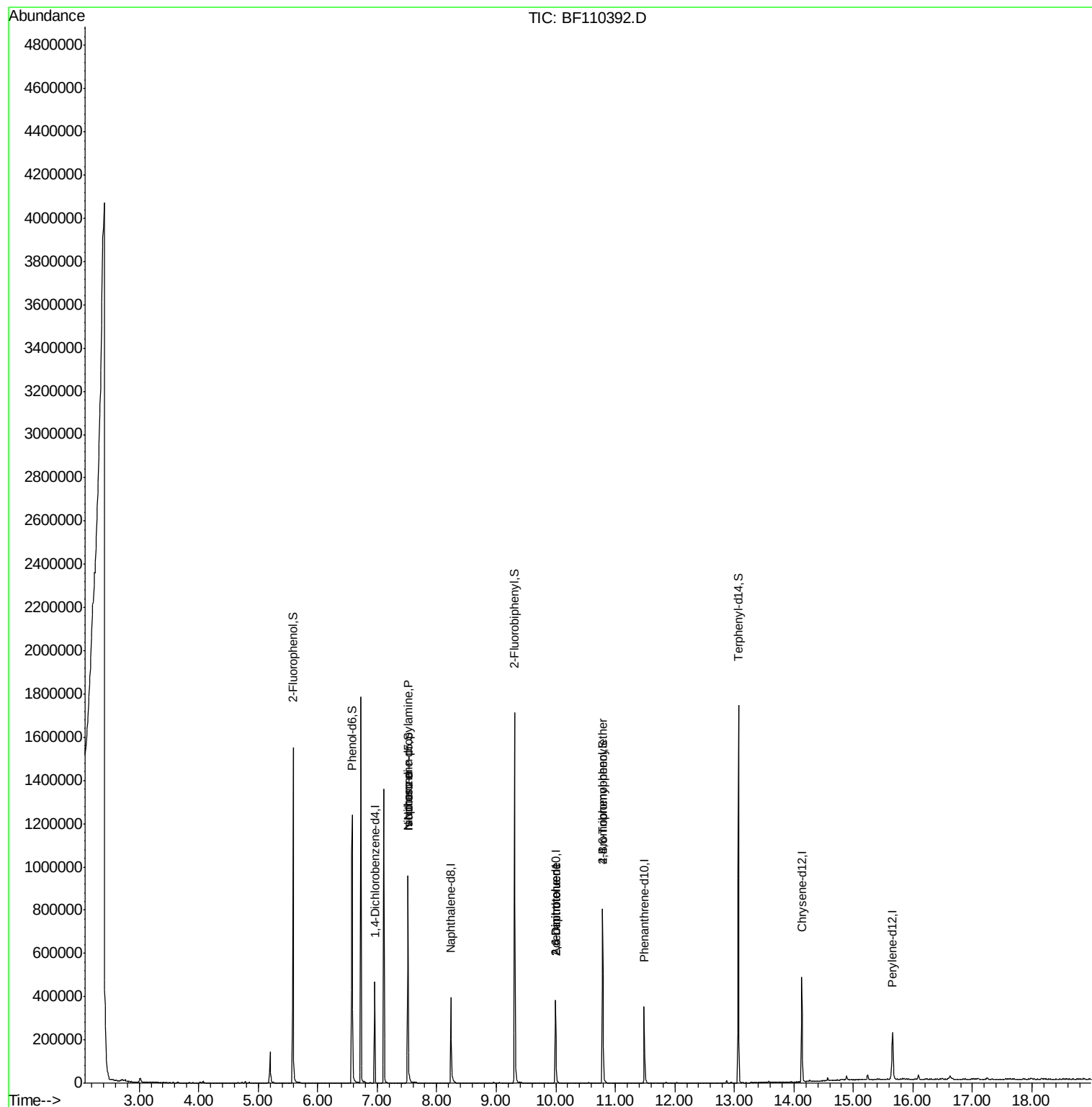
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	63510	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	224192	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	84086	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	153599	20.00	ng	0.00
76) Chrysene-d12	14.13	240	167936	20.00	ng	0.00
87) Perylene-d12	15.66	264	118291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	398233	102.11	ng	0.01
7) Phenol-d6	6.58	99	422496	84.70	ng	0.00
23) Nitrobenzene-d5	7.52	82	320682	84.84	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	97011	116.47	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	527709	98.55	ng	0.00
79) Terphenyl-d14	13.07	244	574232	71.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	625	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.52	70	41900	13.093	ng	# 82
25) Isophorone	7.52	82	320680	49.771	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	10567	7.903	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	10567	6.222	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	6416	3.851	ng	# 1

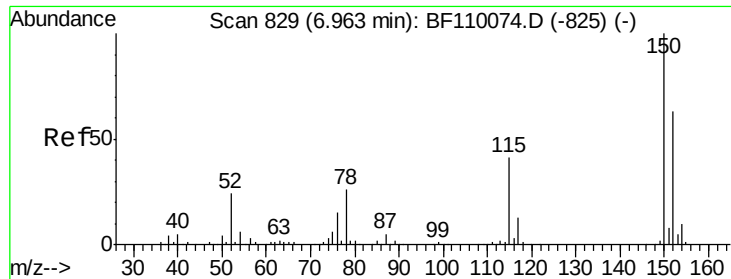
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
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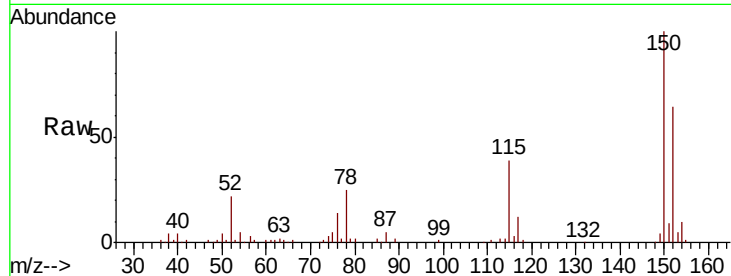


#1

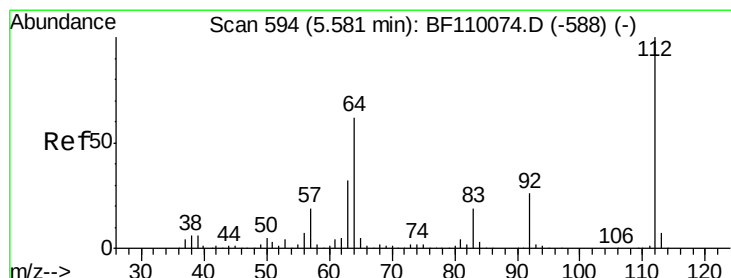
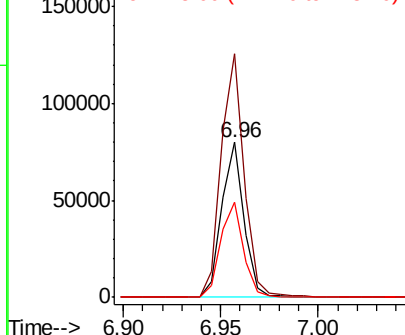
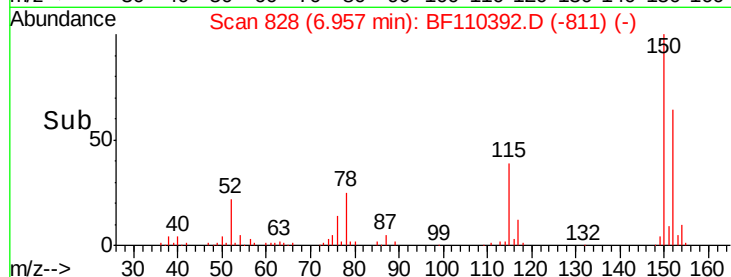
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110392.D
Acq: 2 Nov 2018 5:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63510
Ion Ratio Lower Upper
152 100
150 156.8 122.7 184.1
115 61.1 49.1 73.7



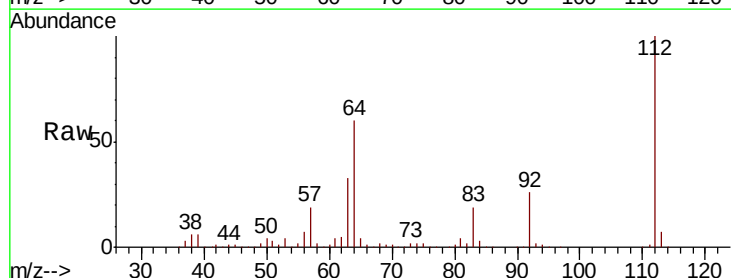
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



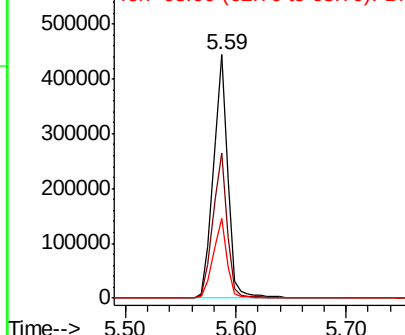
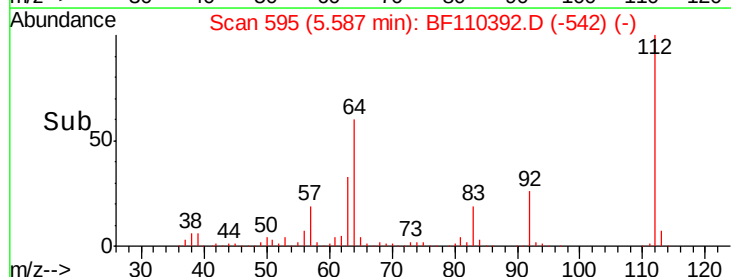
#5

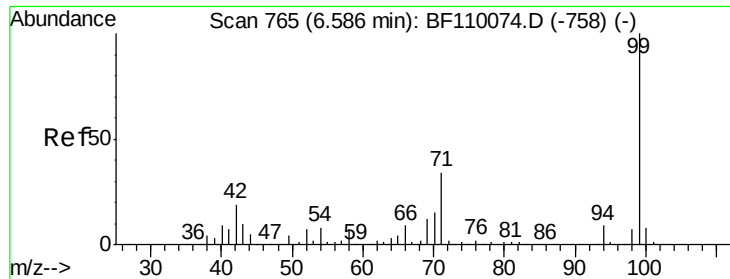
2-Fluorophenol
Concen: 102.110 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110392.D
Acq: 2 Nov 2018 5:29

Tgt Ion:112 Resp: 398233
Ion Ratio Lower Upper
112 100
64 59.8 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: 84.695 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110392.D

Acq: 2 Nov 2018 5:29

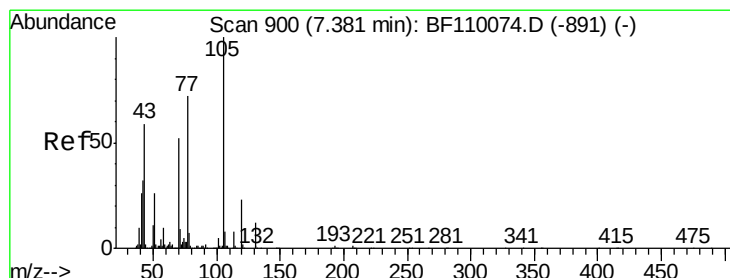
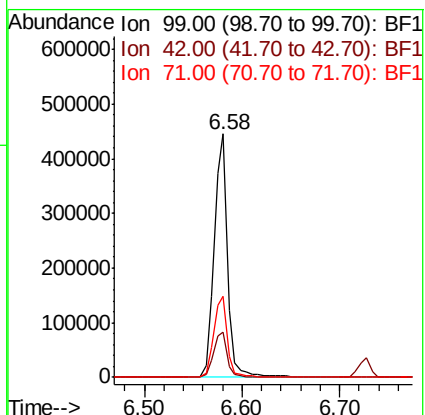
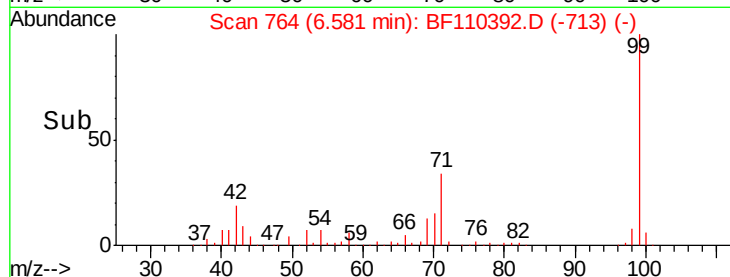
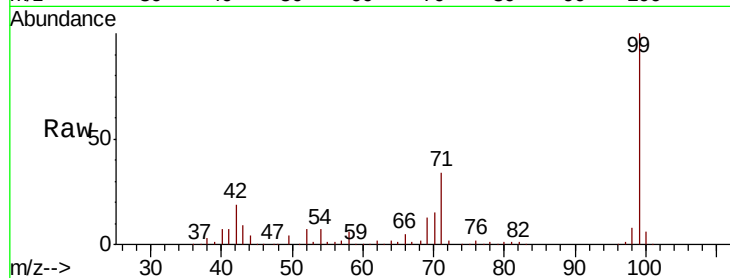
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 422496

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	33.6	28.0	42.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.093 ng

RT: 7.52 min Scan# 923

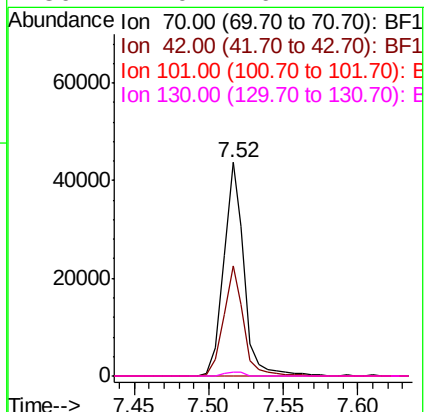
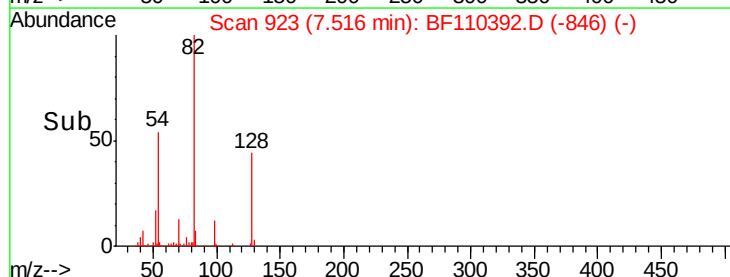
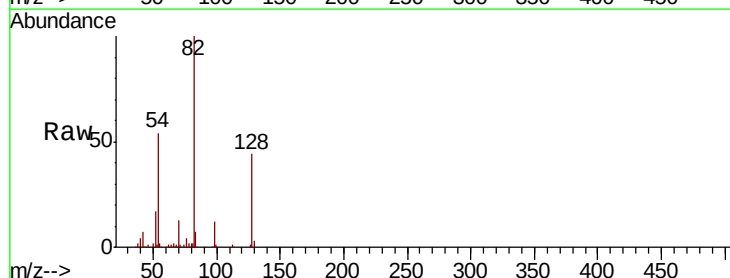
Delta R.T. 0.15 min

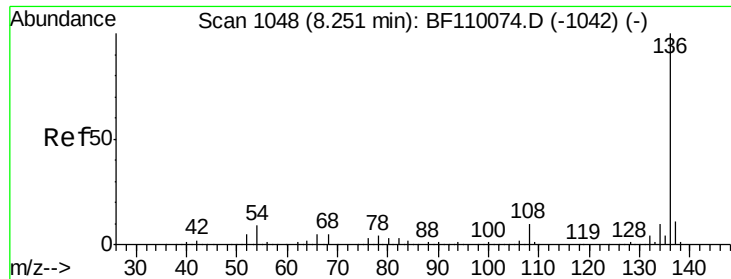
Lab File: BF110392.D

Acq: 2 Nov 2018 5:29

Tgt Ion: 70 Resp: 41900

Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#

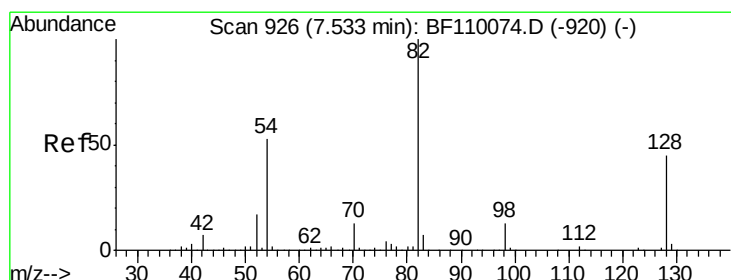
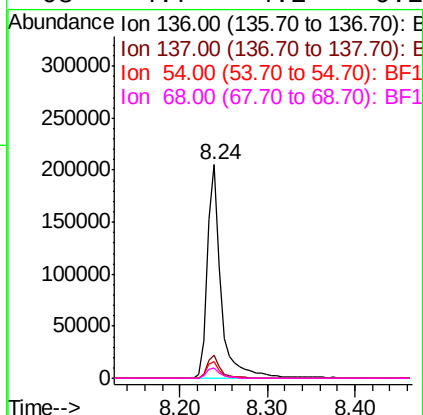
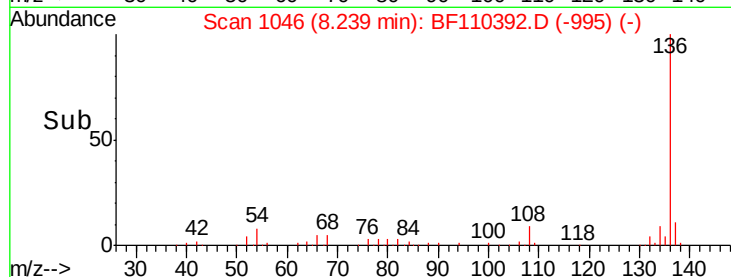
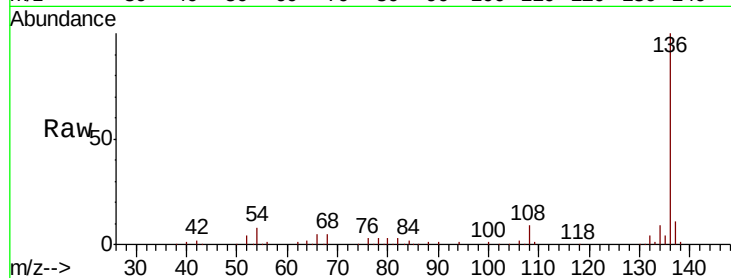




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110392.D
Acq: 2 Nov 2018 5:29

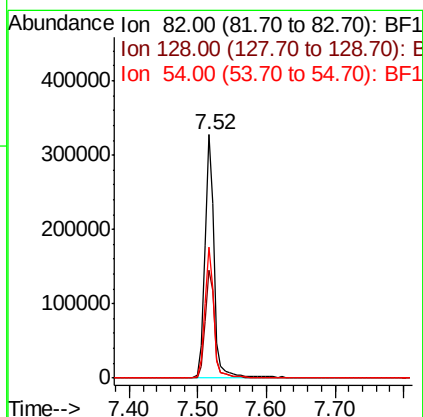
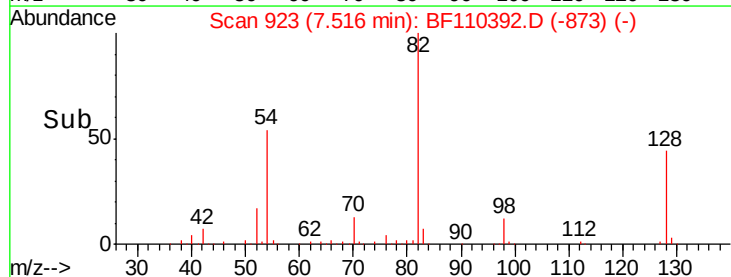
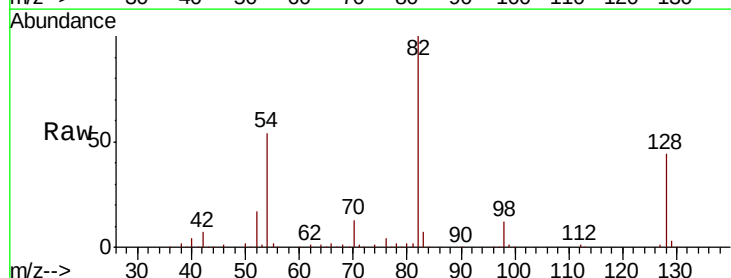
Instrument :
BNA_F
ClientSampleId :

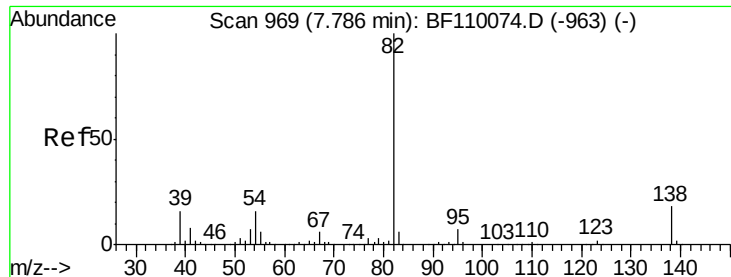
Tot Ion:136	Resp:	224192
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.8 13.2
54	7.5	5.4 8.2
68	4.7	4.2 6.2



#23
Nitrobenzene-d5
Concen: 84.841 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110392.D
Acq: 2 Nov 2018 5:29

Tgt Ion: 82	Resp:	320682
Ion Ratio	Lower	Upper
82	100	
128	44.2	34.2 51.2
54	53.8	38.6 58.0

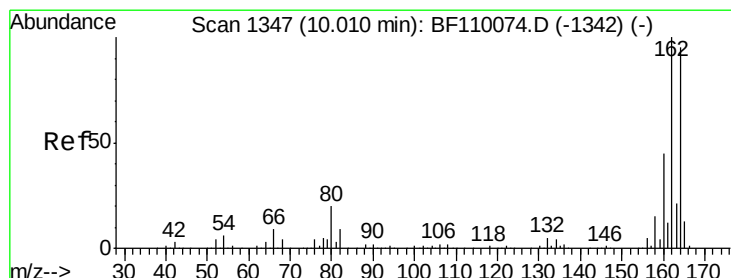
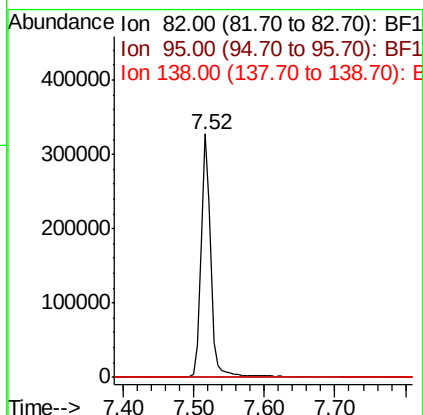
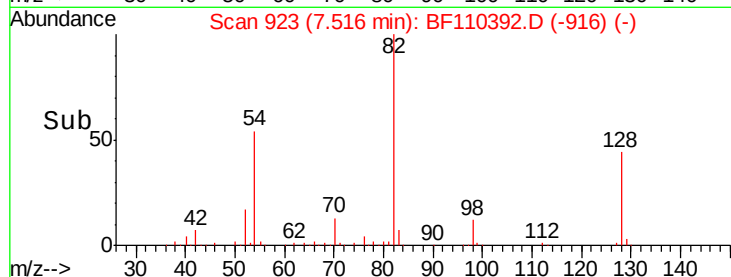
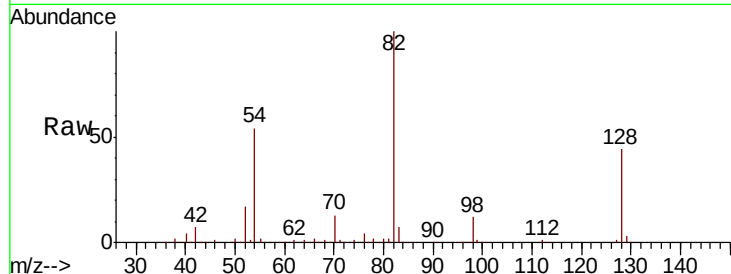




#25
Isophorone
Concen: 49.771 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110392.D
Acq: 2 Nov 2018 5:29

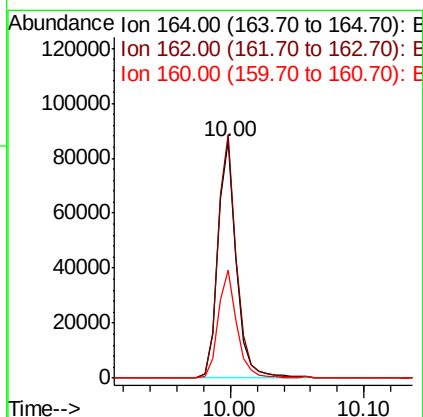
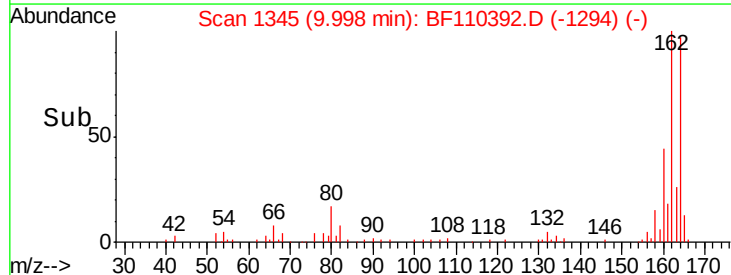
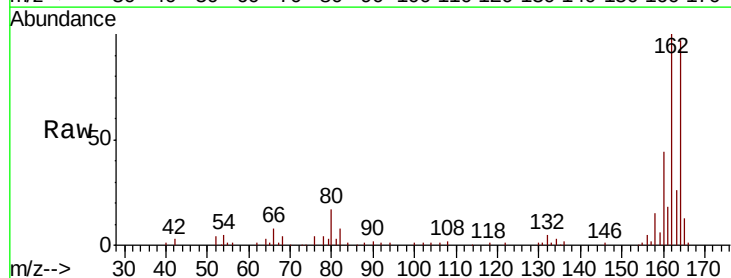
Instrument :
BNA_F
ClientSampled :

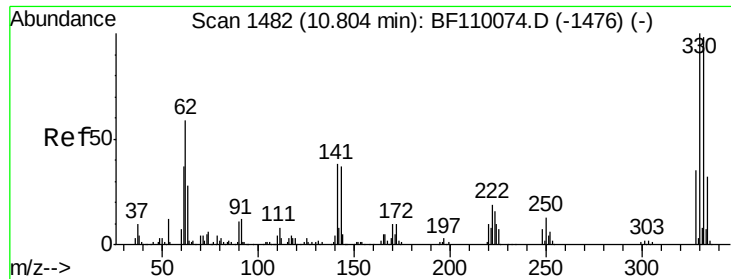
Tot Ion: 82 Resp: 320680
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110392.D
Acq: 2 Nov 2018 5:29

Tgt Ion:164 Resp: 84086
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.6
160 45.7 37.0 55.6

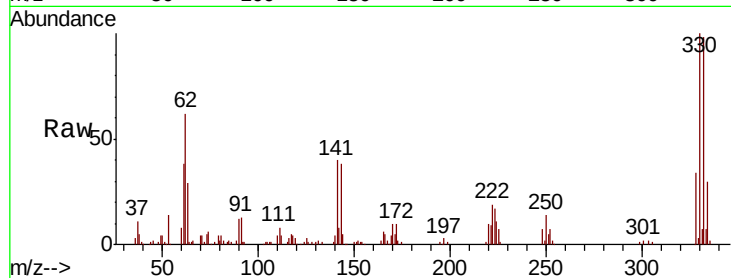




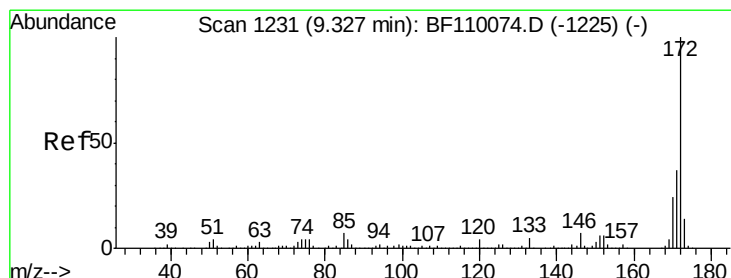
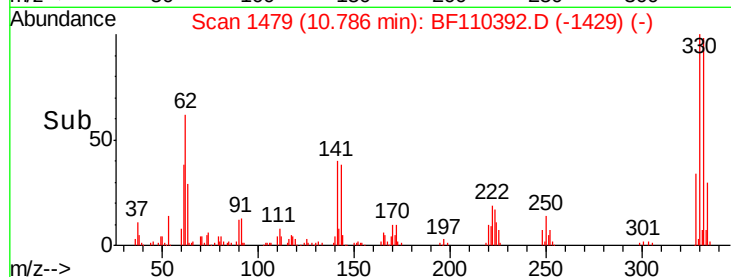
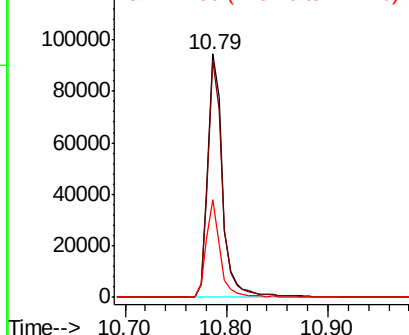
#42
 2,4,6-Tribromophenol
 Concen: 116.470 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110392.D
 Acq: 2 Nov 2018 5:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 97011
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 36.6 27.0 40.4

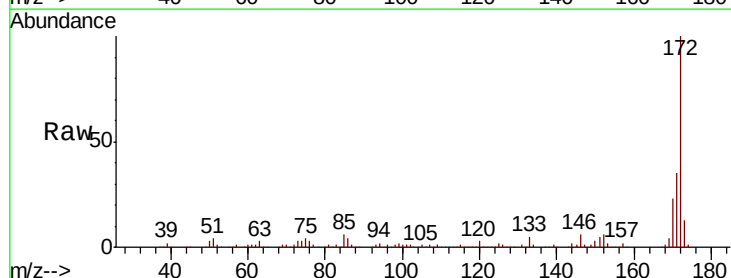


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

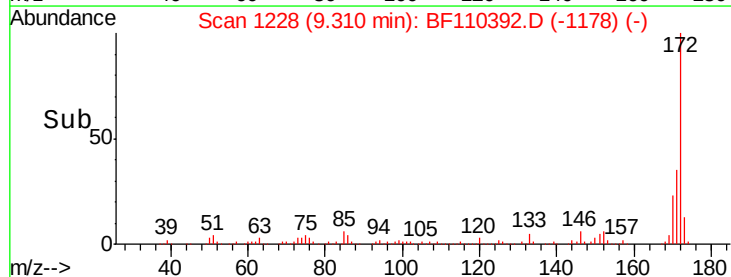
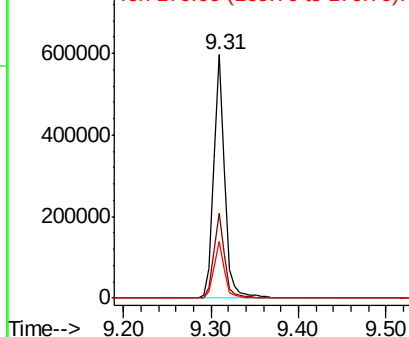


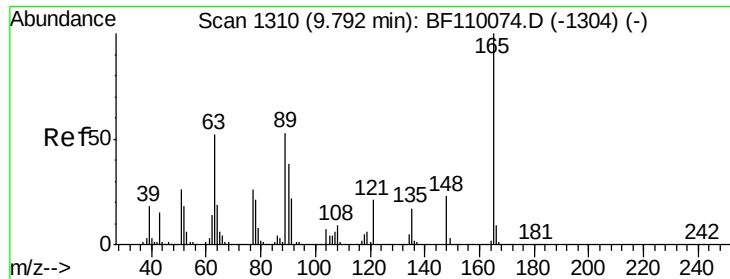
#45
 2-Fluorobiphenyl
 Concen: 98.547 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110392.D
 Acq: 2 Nov 2018 5:29

Tgt Ion:172 Resp: 527709
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 23.1 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





#51

2,6-Dinitrotoluene

Concen: 7.903 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110392.D

Acq: 2 Nov 2018 5:29

Instrument :

BNA_F

ClientSampleId :

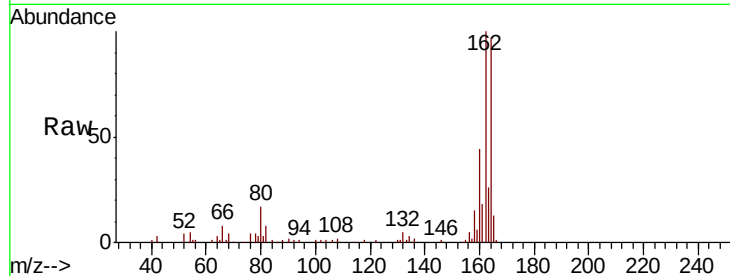
Tot Ion:165 Resp: 10567

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

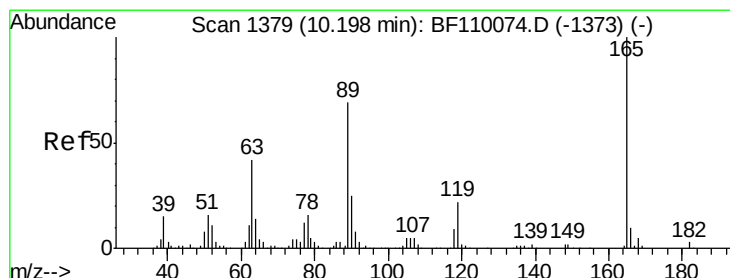
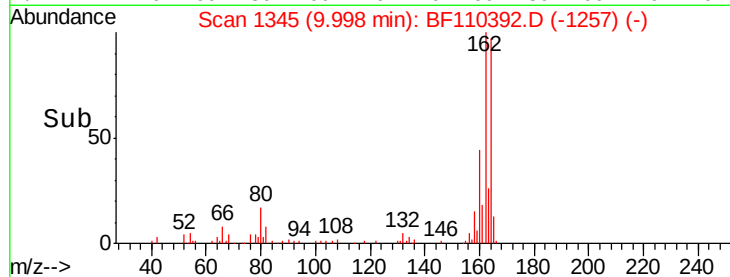
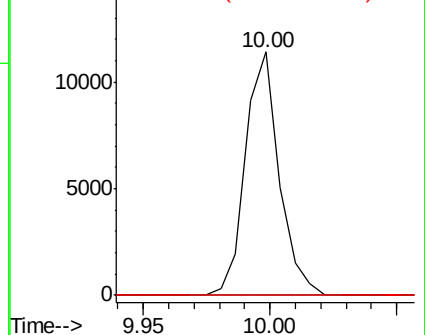
89 0.0 46.6 69.8#



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: 6.222 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110392.D

Acq: 2 Nov 2018 5:29

Tgt Ion:165 Resp: 10567

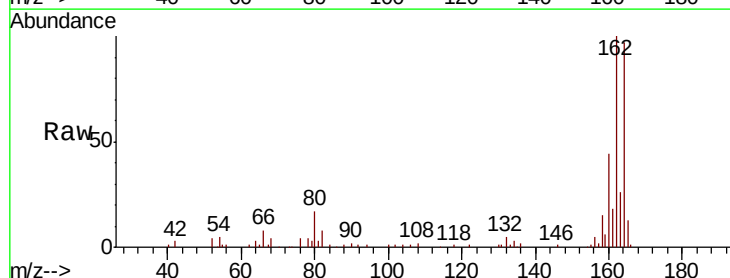
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

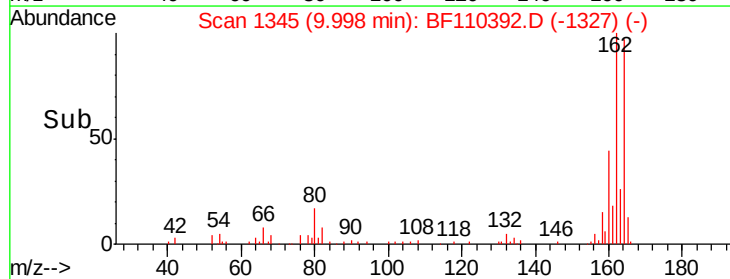
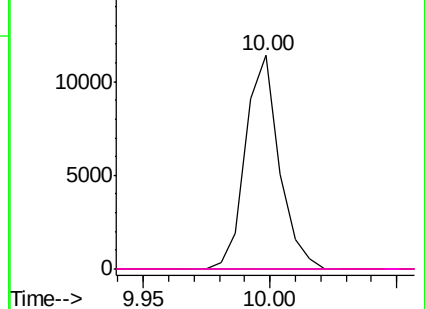


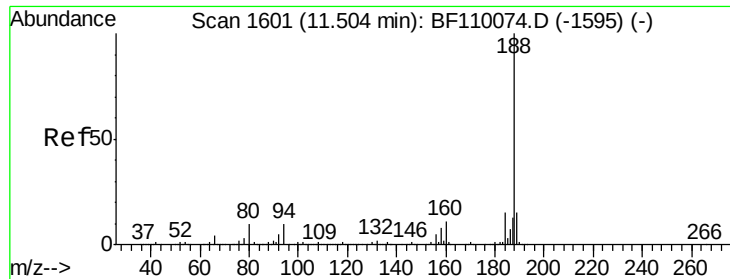
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110392.D

Acq: 2 Nov 2018 5:29

Instrument :

BNA_F

ClientSampleId :

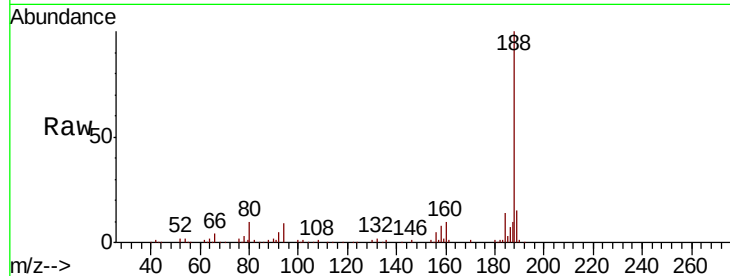
Tot Ion:188 Resp: 153599

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

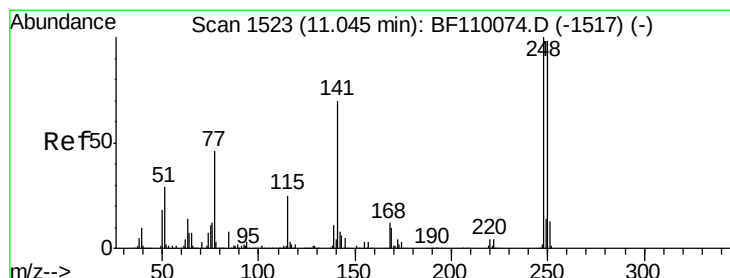
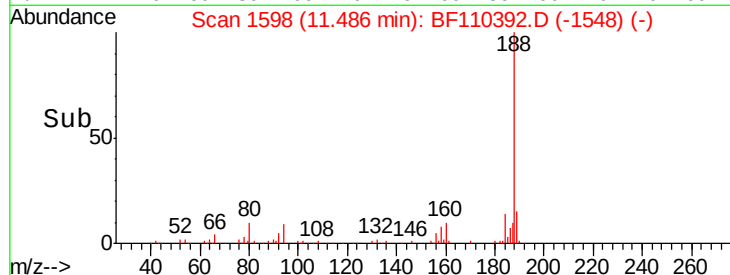
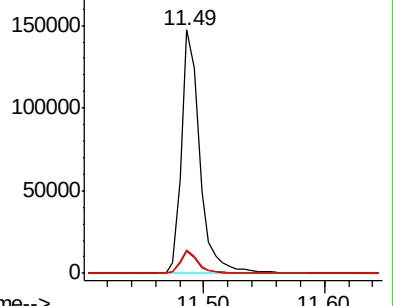
80 9.6 7.9 11.9



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: 3.851 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110392.D

Acq: 2 Nov 2018 5:29

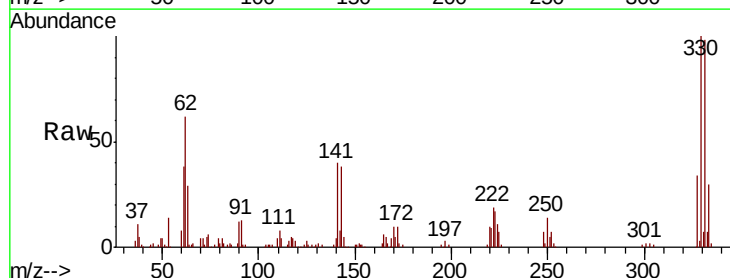
Tgt Ion:248 Resp: 6416

Ion Ratio Lower Upper

248 100

250 186.5 79.4 119.2#

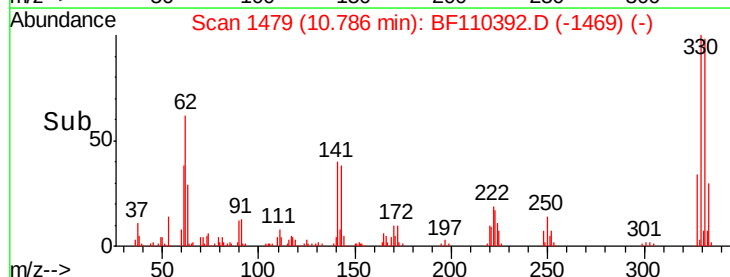
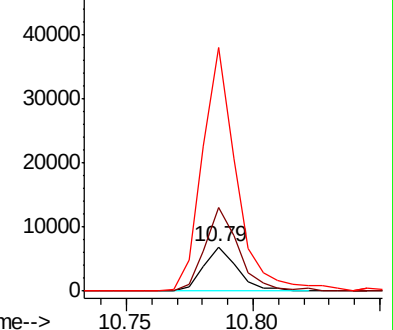
141 546.5 55.9 83.9#

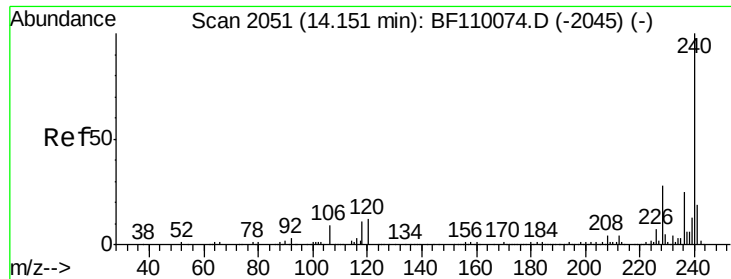


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

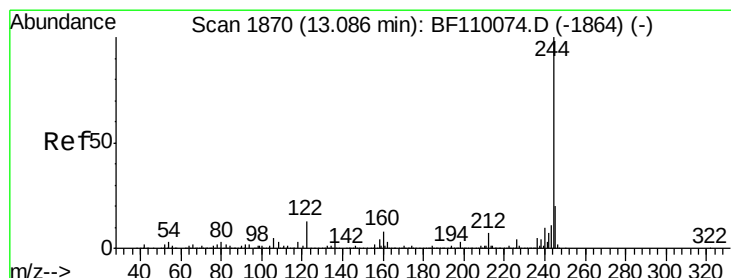
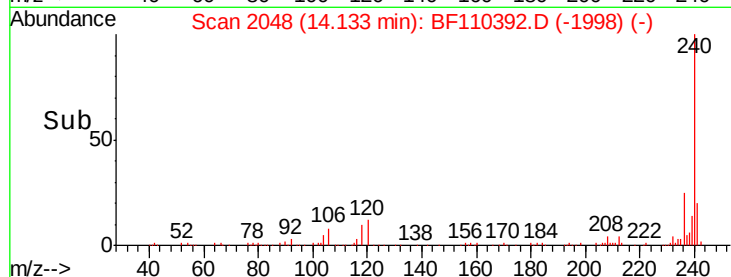
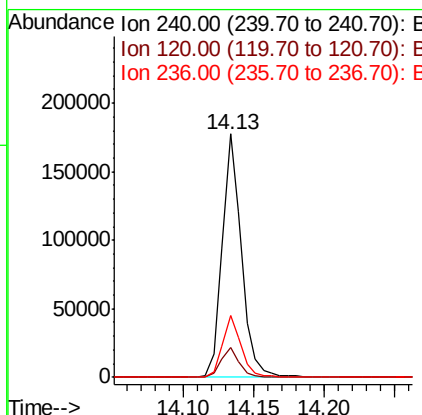
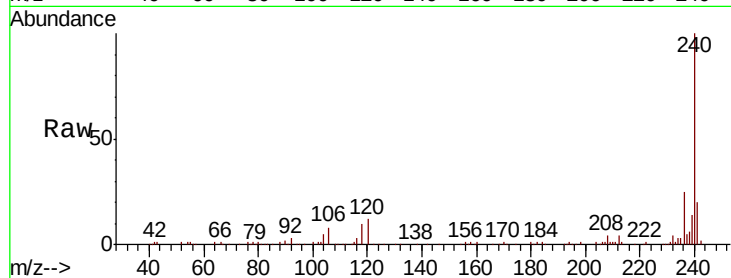




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110392.D
Acq: 2 Nov 2018 5:29

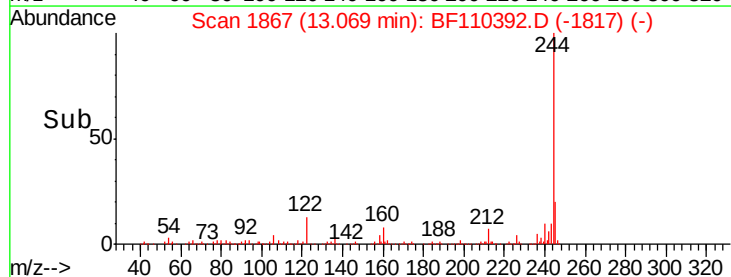
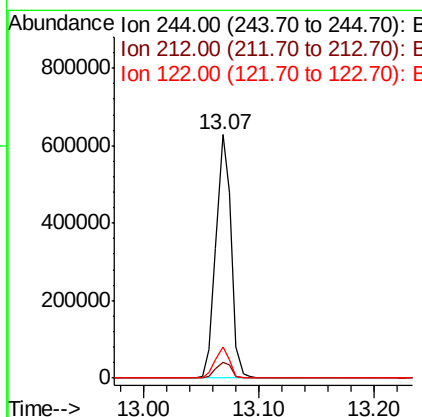
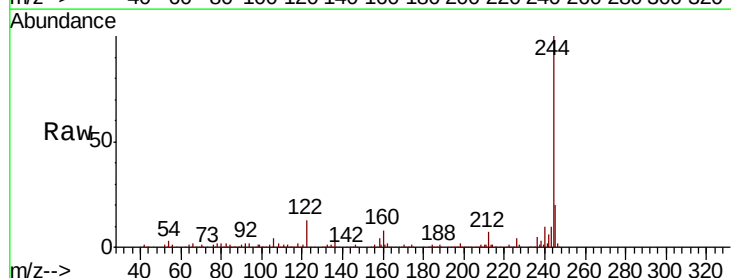
Instrument :
BNA_F
ClientSampleId :

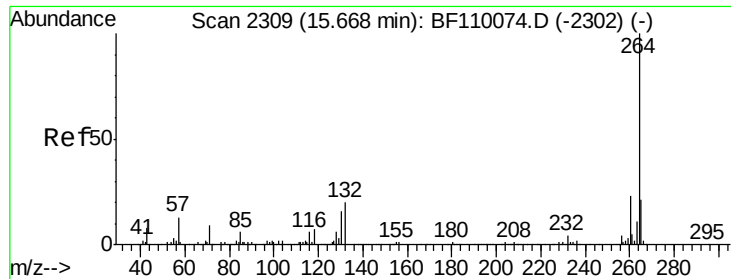
Tot Ion:240 Resp: 167936
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 25.3 21.2 31.8



#79
Terphenyl-d14
Concen: 71.113 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110392.D
Acq: 2 Nov 2018 5:29

Tgt Ion:244 Resp: 574232
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 12.9 8.7 13.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110392.D
 Acq: 2 Nov 2018 5:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 118291
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.7 28.1
 265 21.6 16.7 25.1

