

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110374.D
 Acq On : 1 Nov 2018 18:18
 Operator : JU/SJ
 Sample : PB114382BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:11:00 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

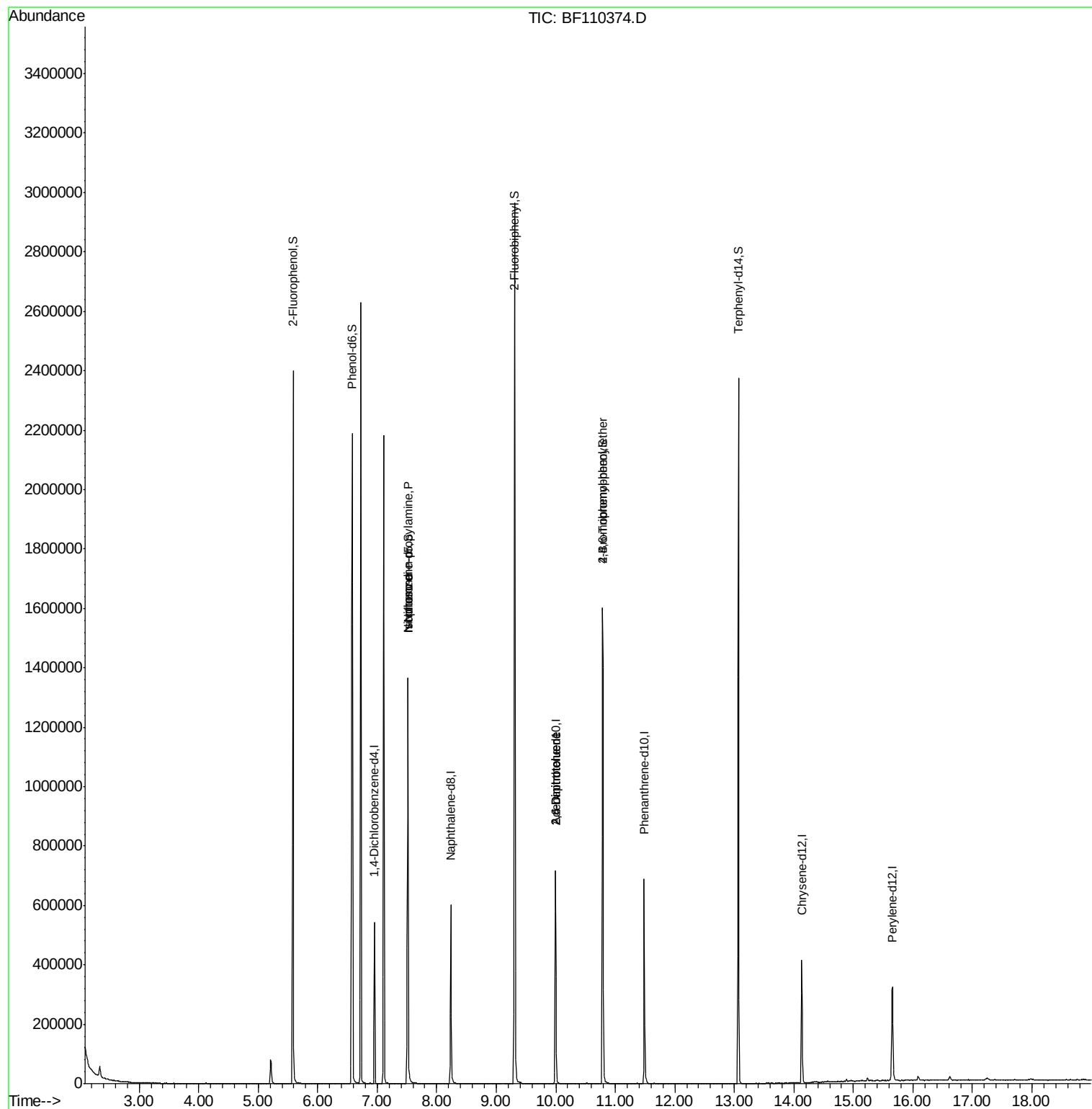
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	82425	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	338816	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	158731	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	289514	20.00	ng	0.00
76) Chrysene-d12	14.13	240	158617	20.00	ng	0.00
87) Perylene-d12	15.66	264	164606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	682433	134.83	ng	0.01
7) Phenol-d6	6.58	99	862508	133.22	ng	0.00
23) Nitrobenzene-d5	7.52	82	551271	96.51	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	199405	126.82	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1051495	104.02	ng	0.00
79) Terphenyl-d14	13.07	244	839315	110.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	1150	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.52	70	72785	17.524 ng	#	1
25) Isophorone	7.52	82	551268	56.614 ng	#	80
51) 2,6-Dinitrotoluene	10.00	165	20154	7.985 ng	#	67
57) 2,4-Dinitrotoluene	10.00	165	20154	6.287 ng	#	22
67) 4-Bromophenyl-phenylether	10.79	248	13057	4.158 ng	#	18
67) 4-Bromophenyl-phenylether	10.79	248	13057	4.158 ng	#	1

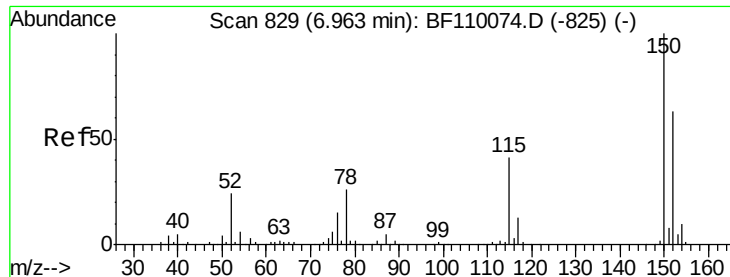
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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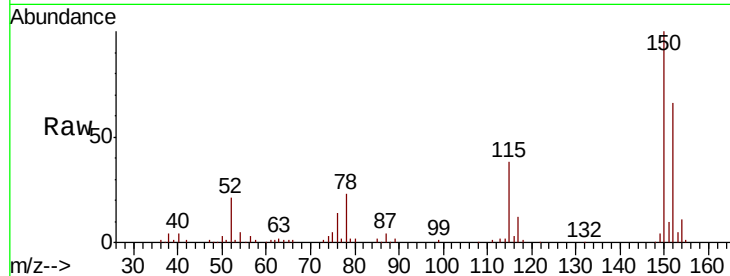


#1

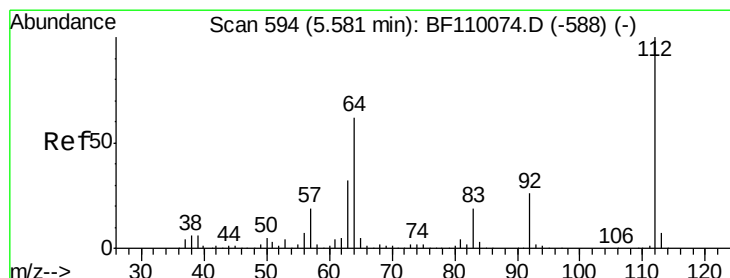
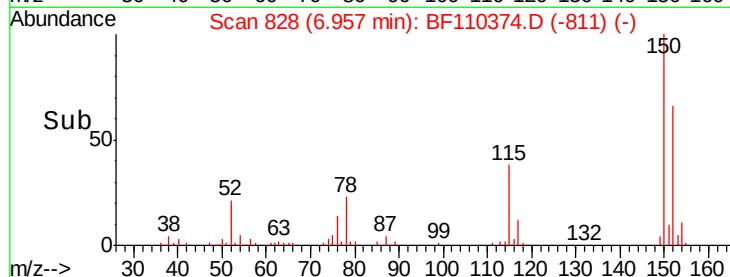
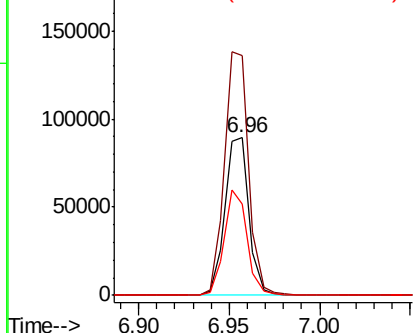
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82425
Ion Ratio Lower Upper
152 100
150 152.2 122.7 184.1
115 57.9 49.1 73.7



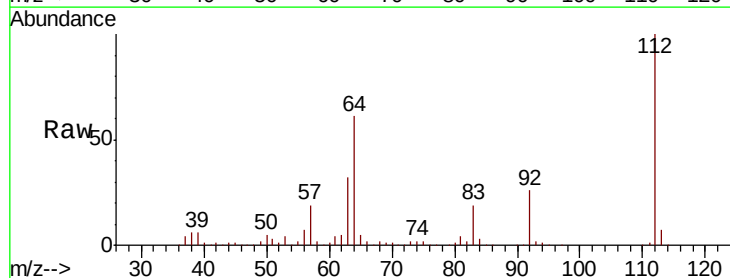
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



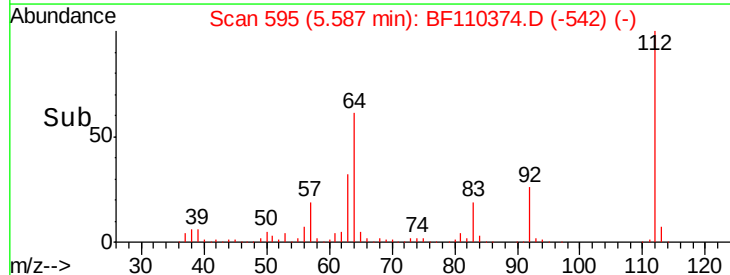
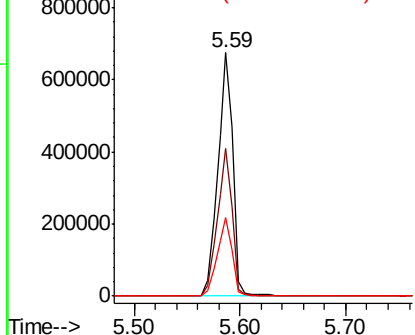
#5

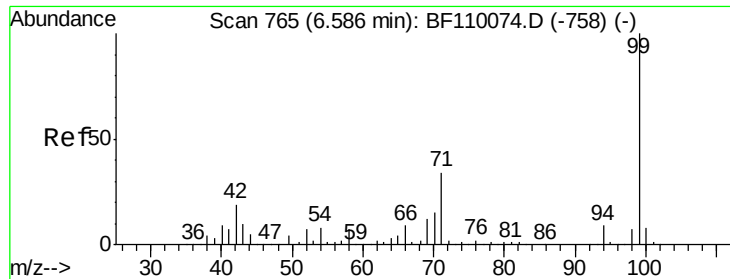
2-Fluorophenol
Concen: 134.827 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Tgt Ion:112 Resp: 682433
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 32.3 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: 133.224 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110374.D

Acq: 1 Nov 2018 18:18

Instrument :

BNA_F

ClientSampleId :

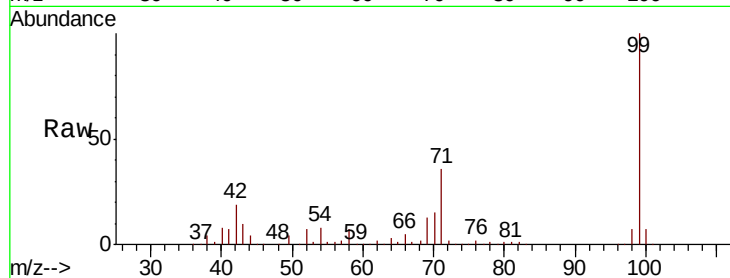
Tot Ion: 99 Resp: 862508

Ion Ratio Lower Upper

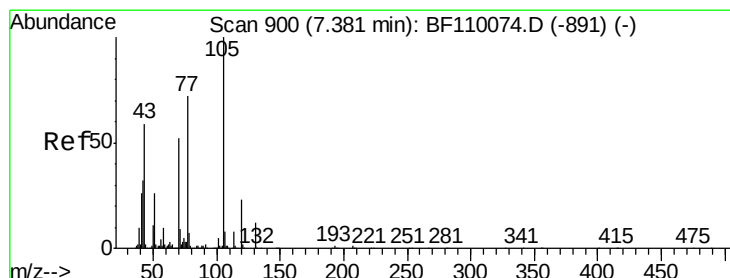
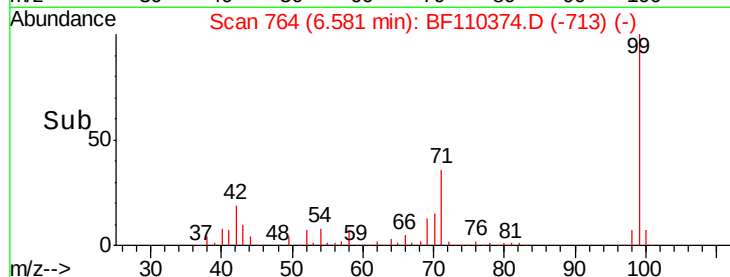
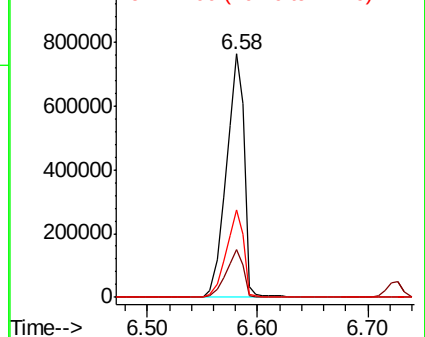
99 100

42 19.5 15.8 23.6

71 35.8 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: 17.524 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.15 min

Lab File: BF110374.D

Acq: 1 Nov 2018 18:18

Tgt Ion: 70 Resp: 72785

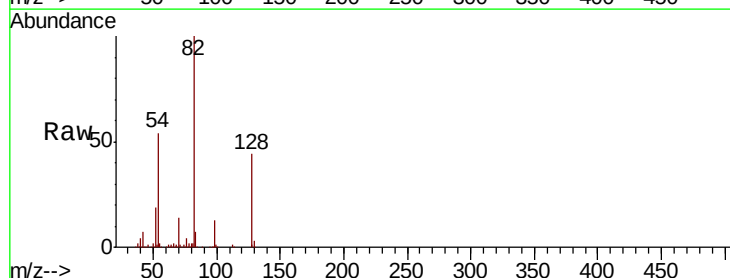
Ion Ratio Lower Upper

70 100

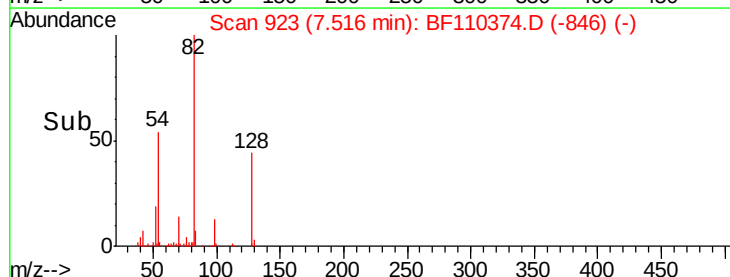
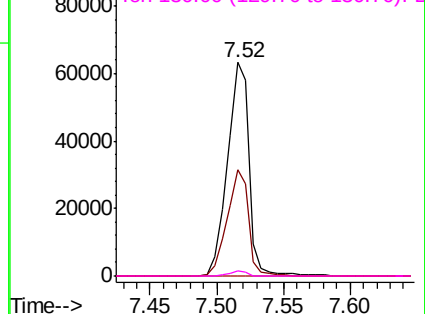
42 49.9 47.4 71.2

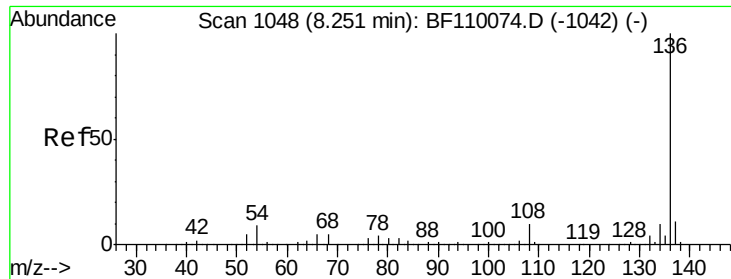
101 0.0 7.3 10.9#

130 2.2 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: BF110374.D

Acq: 1 Nov 2018 18:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 338816

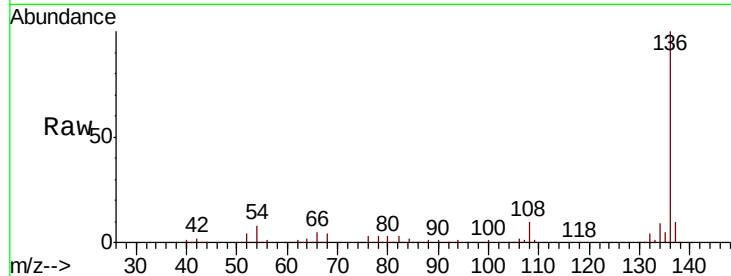
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.5 5.4 8.2

68 4.4 4.2 6.2

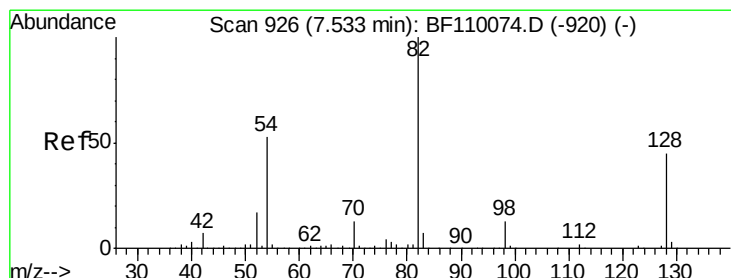
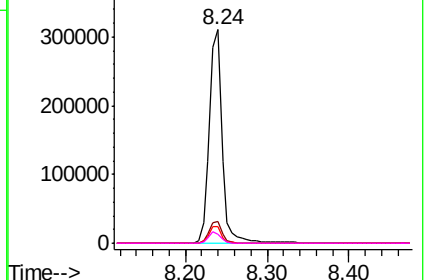
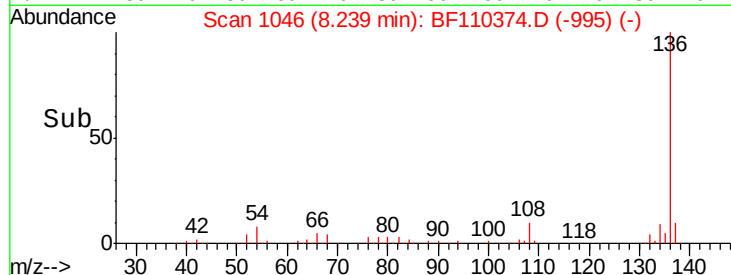


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.506 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110374.D

Acq: 1 Nov 2018 18:18

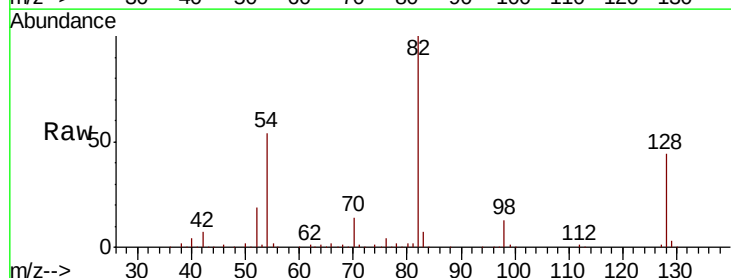
Tgt Ion: 82 Resp: 551271

Ion Ratio Lower Upper

82 100

128 44.4 34.2 51.2

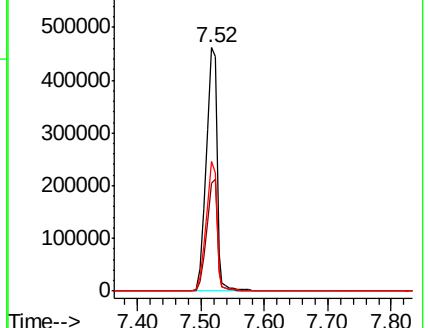
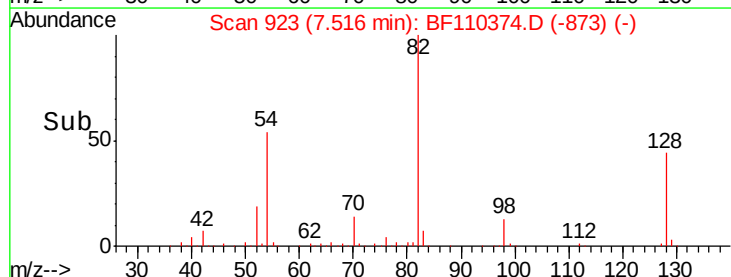
54 53.5 38.6 58.0

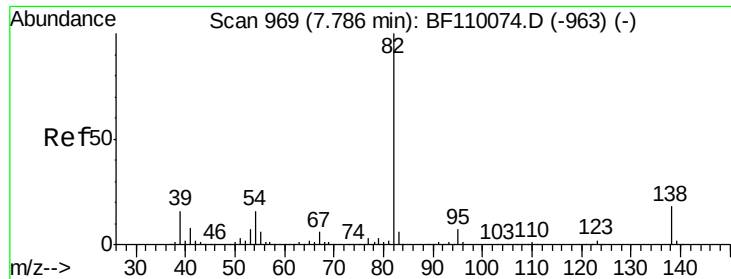


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

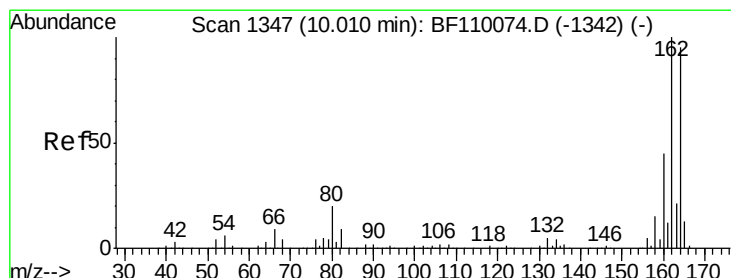
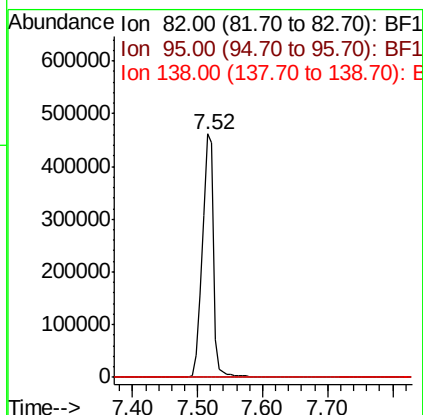
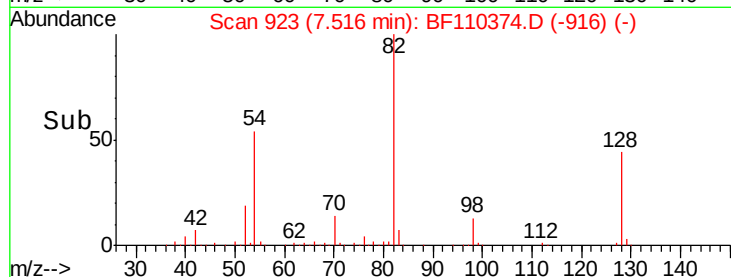
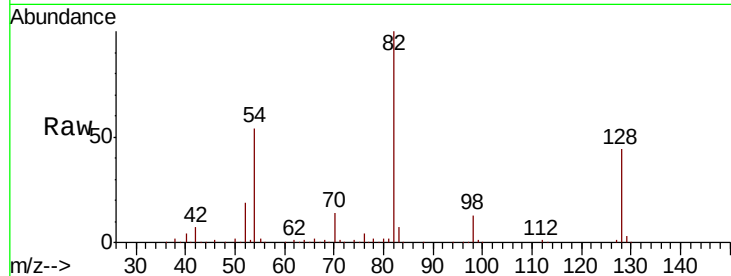




#25
Isophorone
Concen: 56.614 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

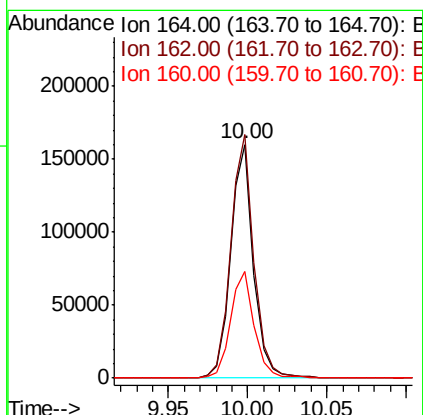
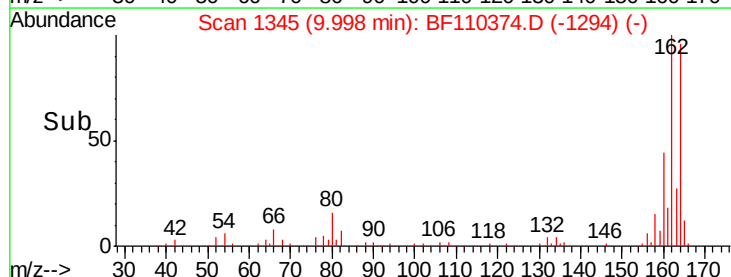
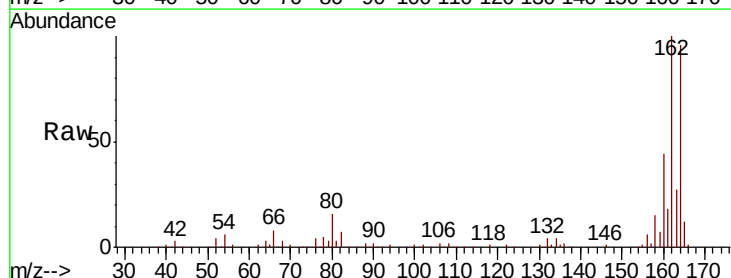
Instrument :
BNA_F
ClientSampleId :

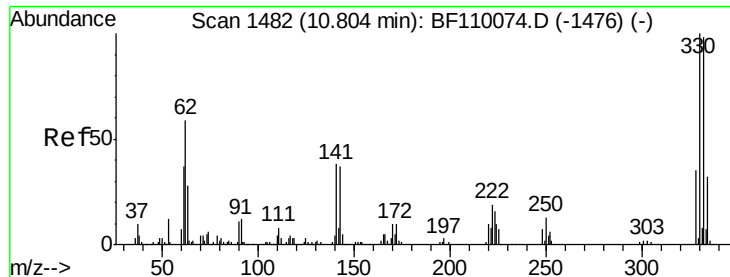
Tot Ion: 82 Resp: 551268
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Tgt Ion:164 Resp: 158731
Ion Ratio Lower Upper
164 100
162 104.2 83.0 124.6
160 45.7 37.0 55.6

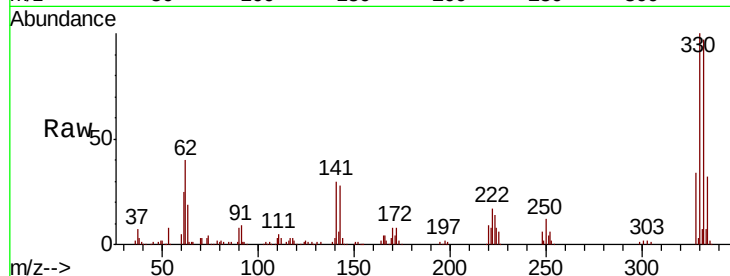




#42
 2,4,6-Tribromophenol
 Concen: 126.821 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110374.D
 Acq: 1 Nov 2018 18:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	37.7	27.0	40.4

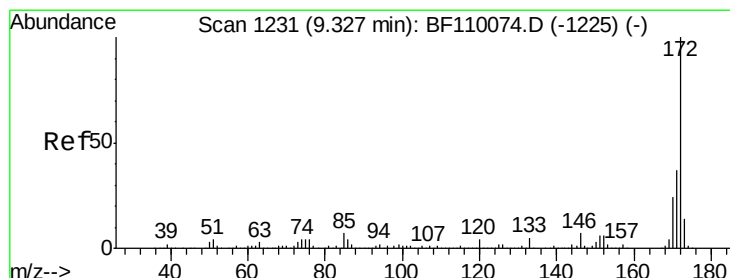
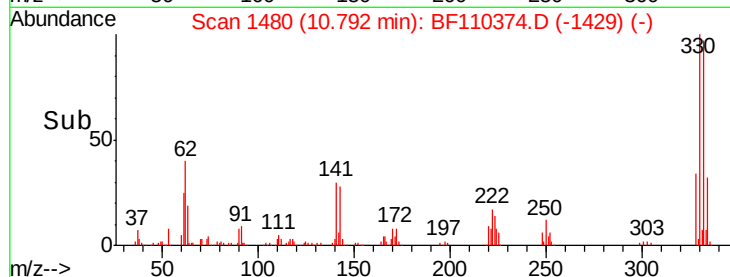
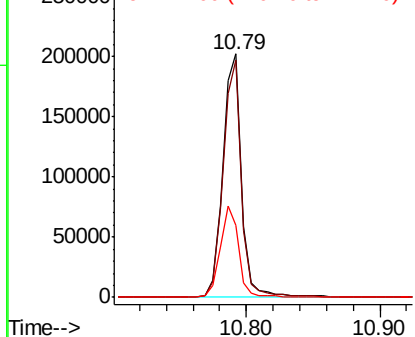


Abundance

Ion 329.80 (329.50 to 330.50): E

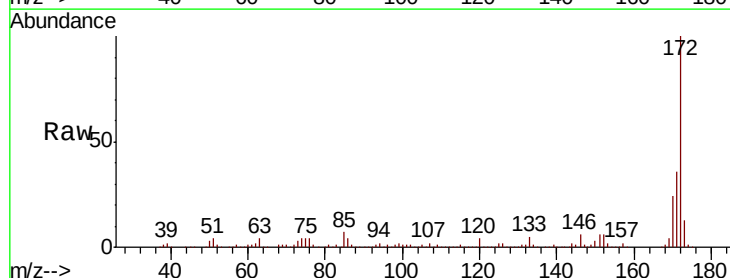
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.020 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110374.D
 Acq: 1 Nov 2018 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.6	19.7	29.5

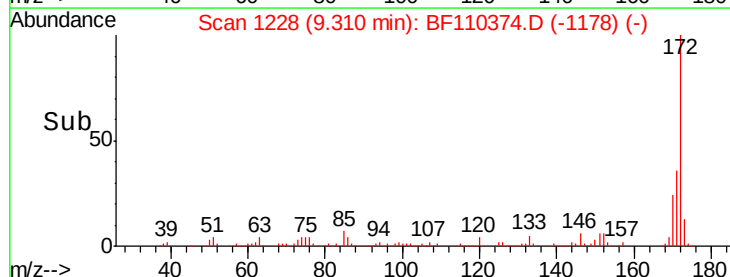
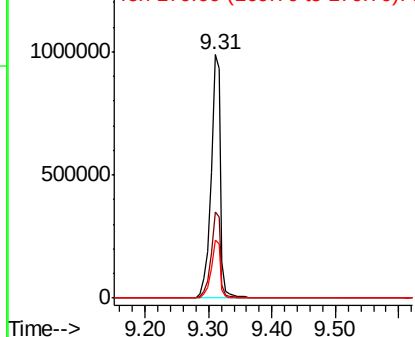


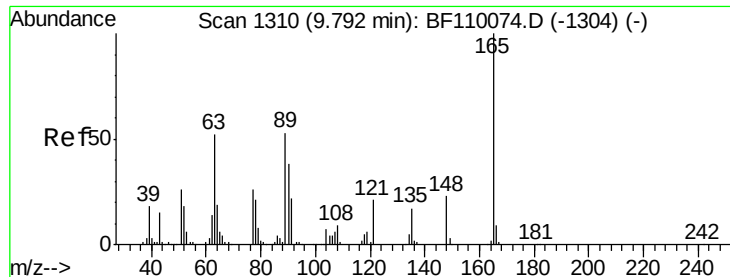
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 7.985 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110374.D

Acq: 1 Nov 2018 18:18

Instrument :

BNA_F

ClientSampled :

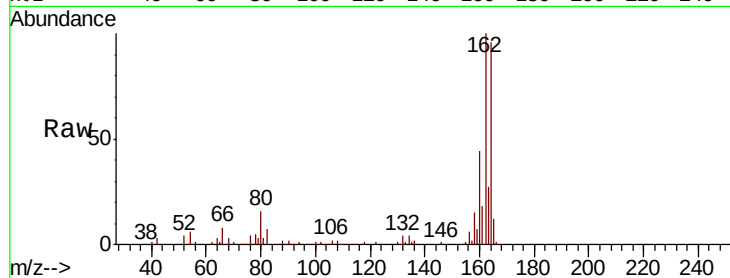
Tot Ion:165 Resp: 20154

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

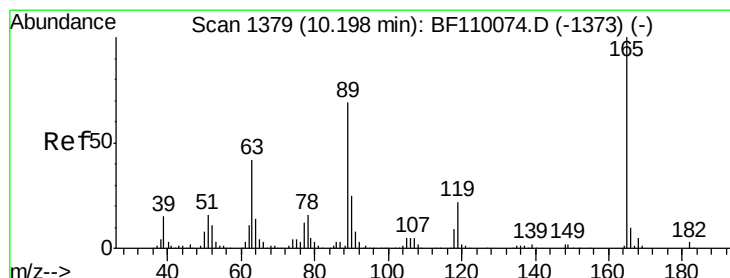
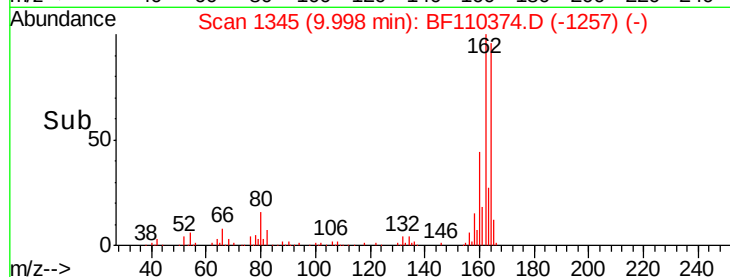
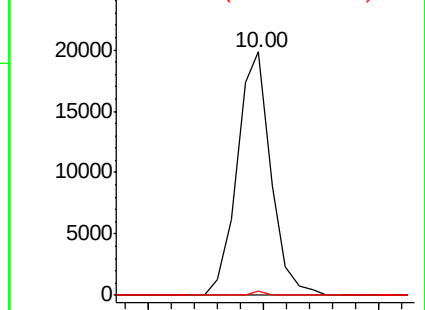
89 1.7 46.6 69.8#



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: 6.287 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110374.D

Acq: 1 Nov 2018 18:18

Tgt Ion:165 Resp: 20154

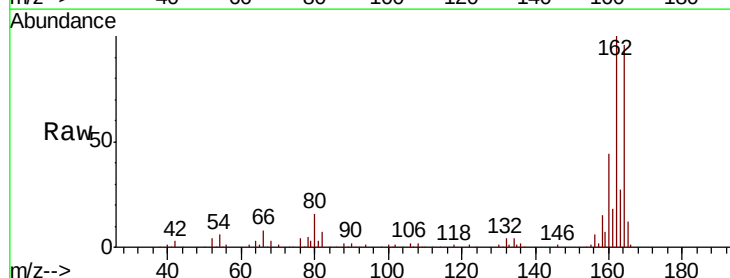
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.7 62.2 93.4#

182 0.0 2.1 3.1#

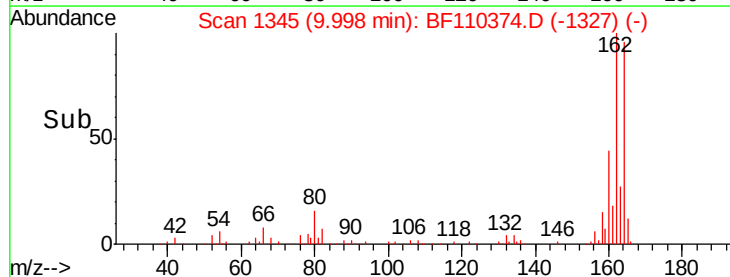
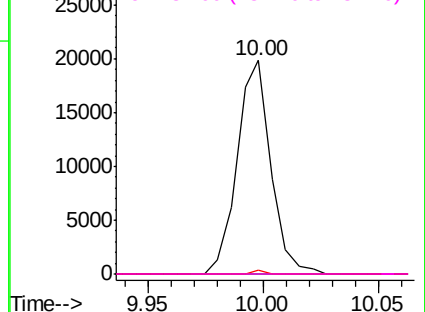


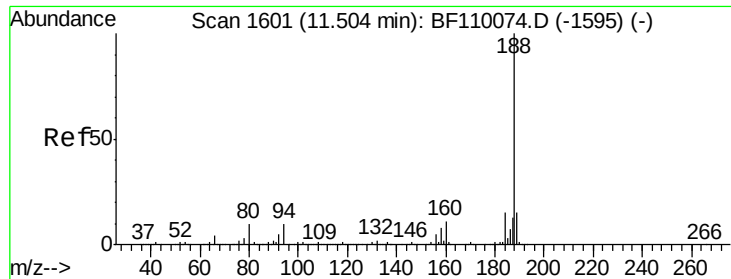
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110374.D

Acq: 1 Nov 2018 18:18

Instrument :

BNA_F

ClientSampleId :

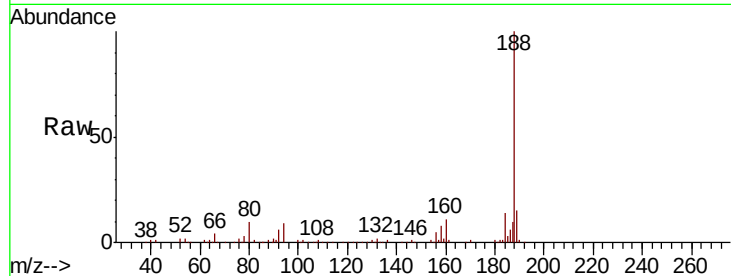
Tot Ion:188 Resp: 289514

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

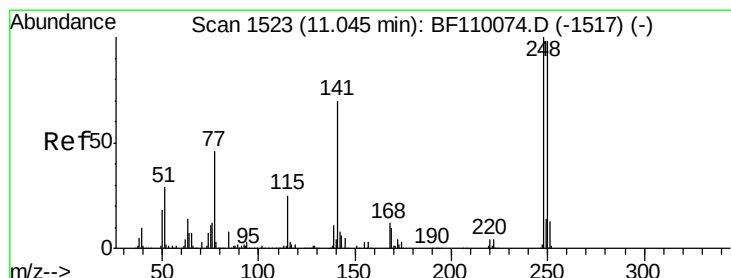
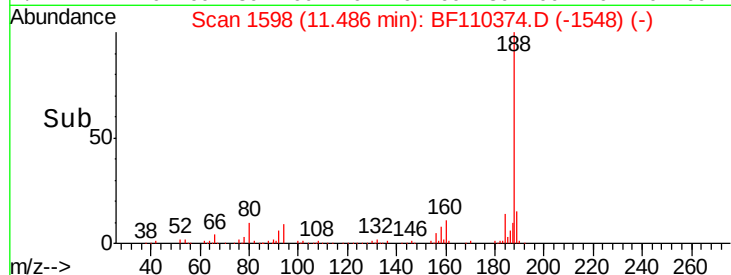
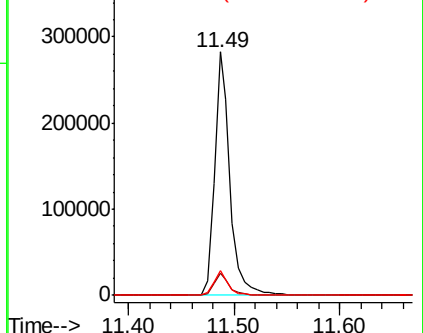
80 10.2 7.9 11.9



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: 4.158 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110374.D

Acq: 1 Nov 2018 18:18

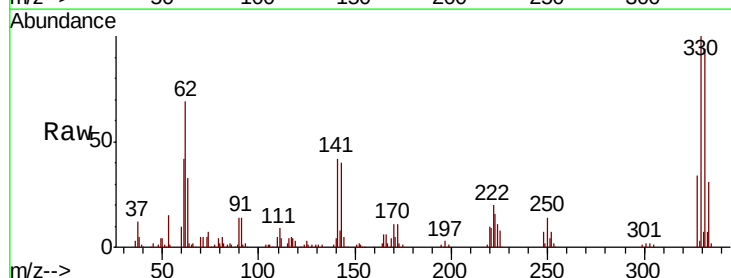
Tgt Ion:248 Resp: 13057

Ion Ratio Lower Upper

248 100

250 198.8 79.4 119.2#

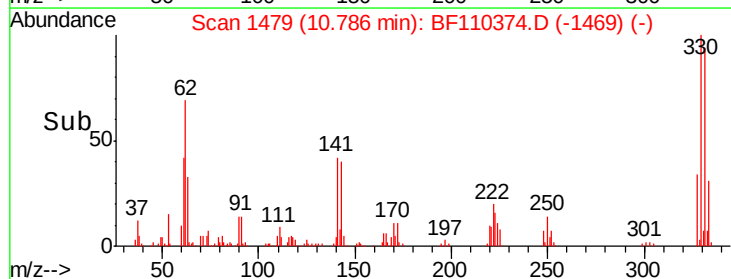
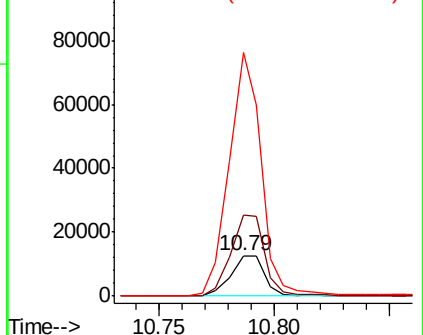
141 597.7 55.9 83.9#

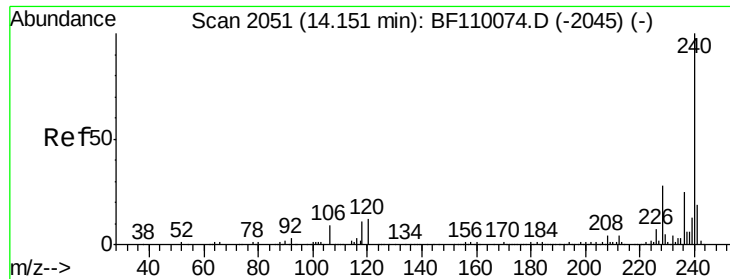


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

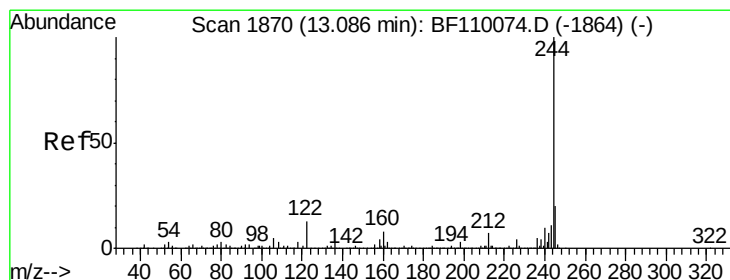
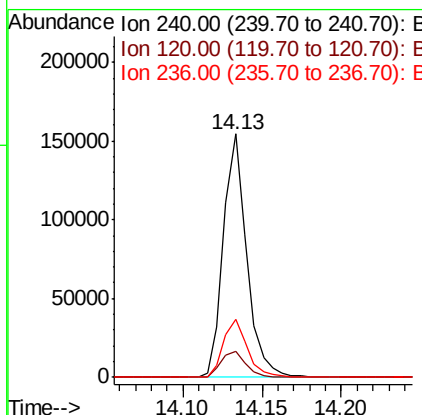
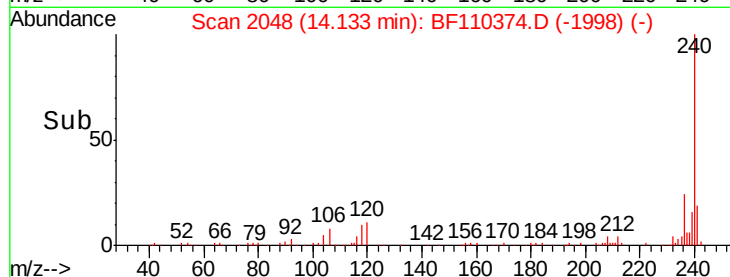
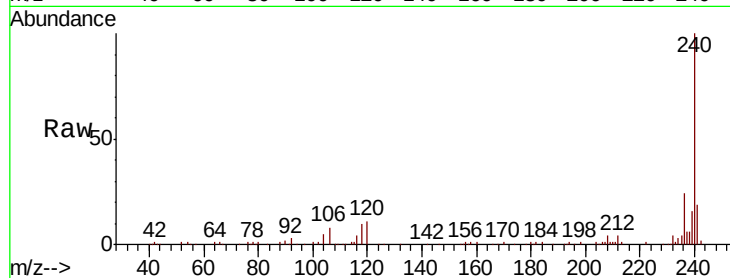




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

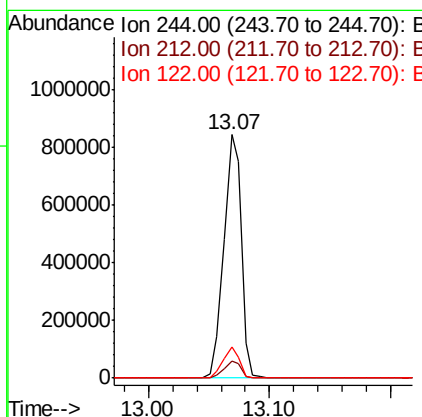
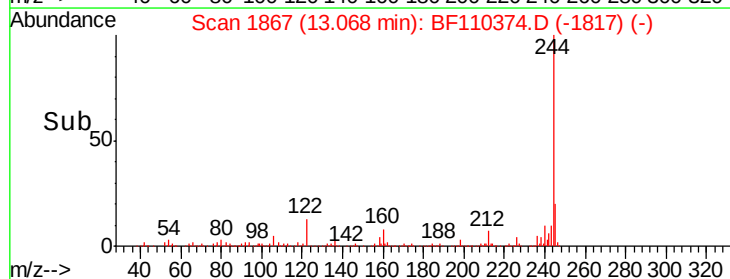
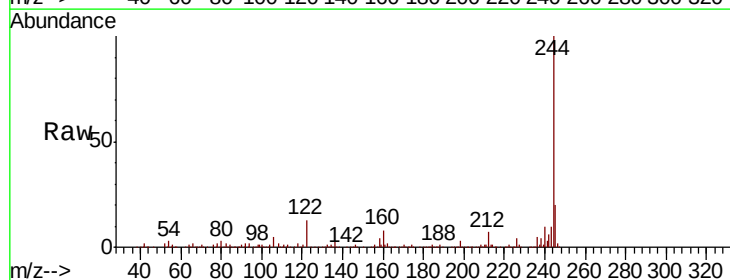
Instrument :
BNA_F
ClientSampleId :

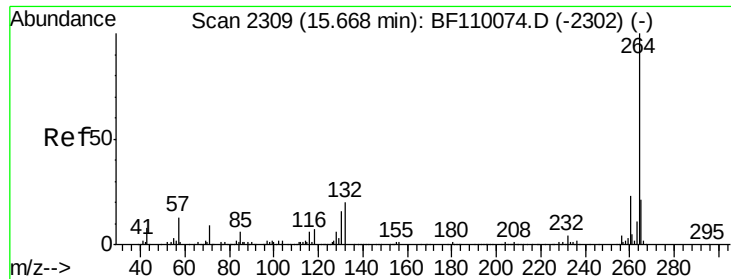
Tot Ion:240 Resp: 158617
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 24.0 21.2 31.8



#79
Terphenyl-d14
Concen: 110.047 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Tgt Ion:244 Resp: 839315
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 13.0 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: BF110374.D
Acq: 1 Nov 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.5	16.7	25.1

