

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110546.D
 Acq On : 7 Nov 2018 6:39
 Operator : JU/SJ
 Sample : J5808-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:49:03 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

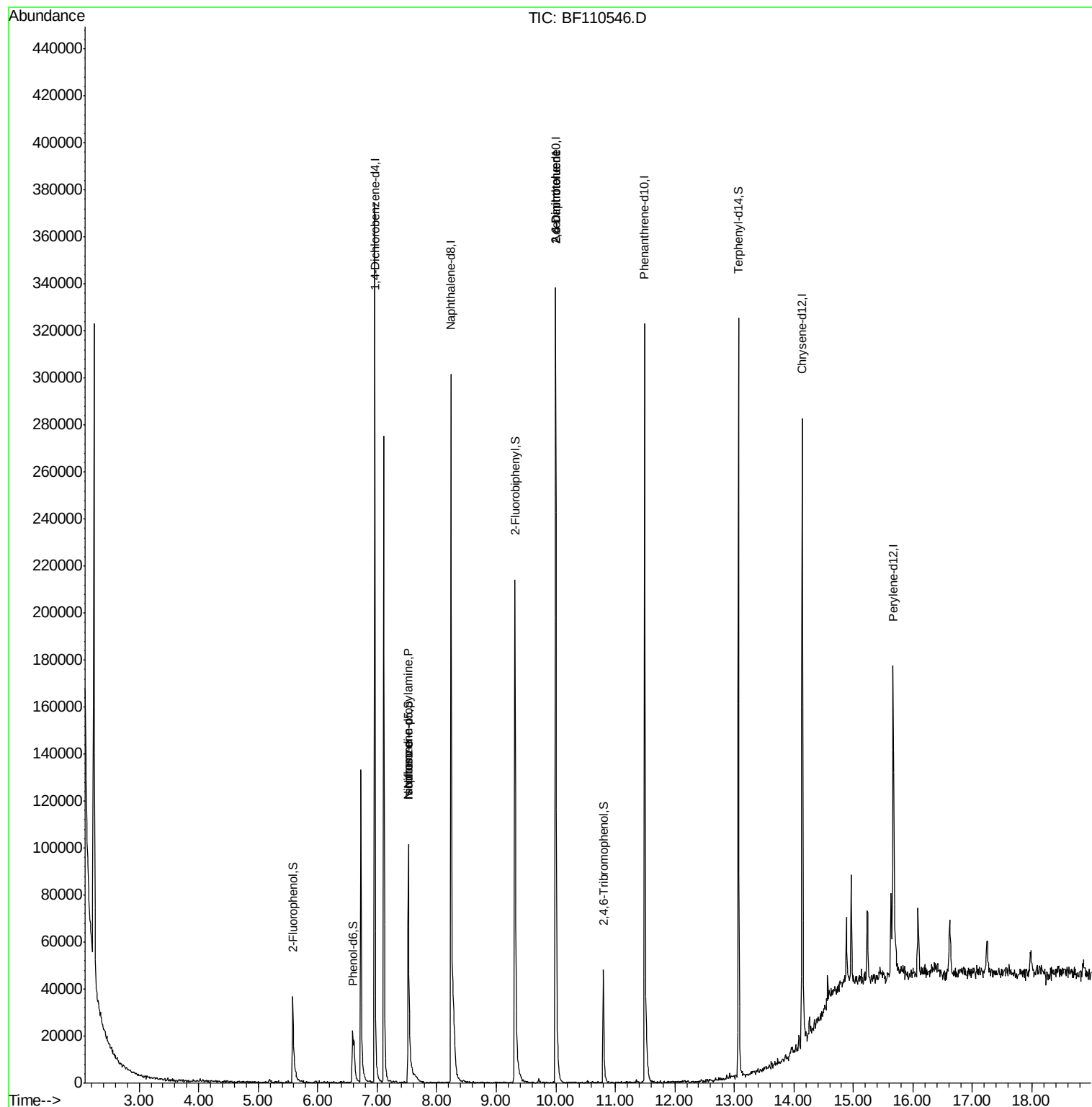
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	60066	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	223545	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	87884	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	163704	20.00	ng	0.00
76) Chrysene-d12	14.14	240	114553	20.00	ng	0.00
87) Perylene-d12	15.67	264	82781	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	22438	6.08	ng	0.00
7) Phenol-d6	6.59	99	17813	3.78	ng	0.00
23) Nitrobenzene-d5	7.52	82	55953	14.85	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	10480	12.04	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	120427	21.52	ng	0.00
79) Terphenyl-d14	13.07	244	120755	21.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	776	Below Cal	#	80
19) n-Nitroso-di-n-propylamine	7.52	70	6896	2.28	ng	# 82
25) Isophorone	7.52	82	55953	8.71	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	11123	7.96	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	11123	6.27	ng	# 17
77) Benzidine	13.07	184	1483	Below Cal	#	87

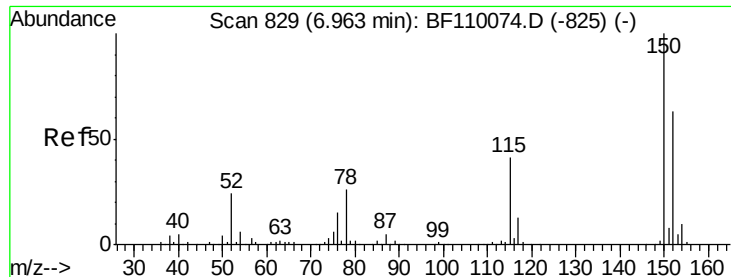
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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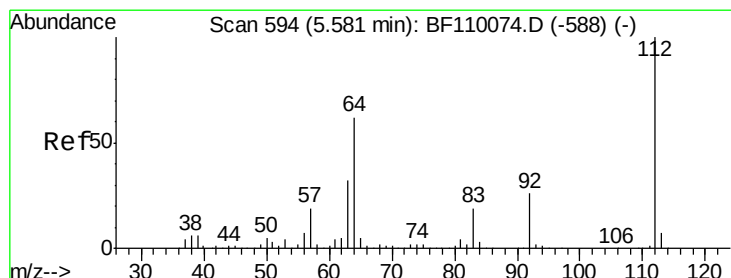
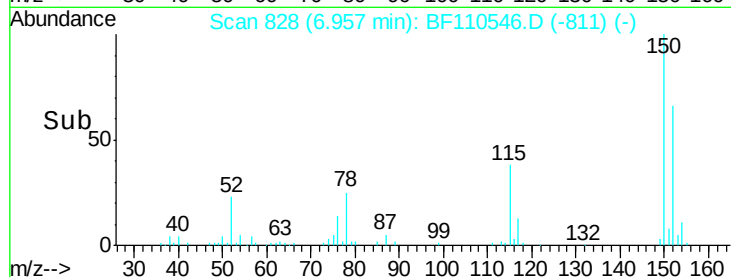
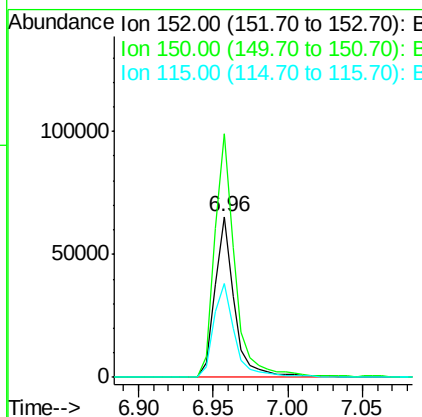
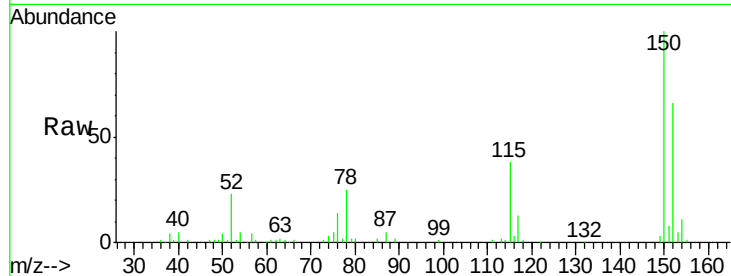


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110546.D
Acq: 7 Nov 2018 6:39

Instrument :
BNA_F
ClientSampled :

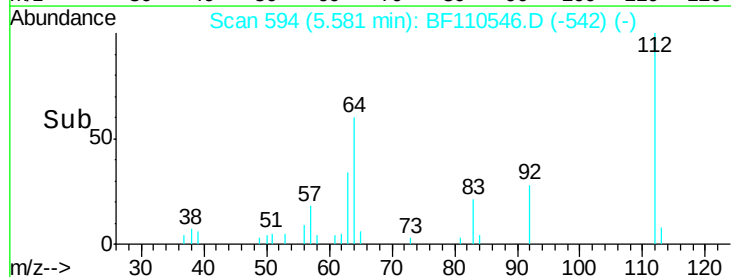
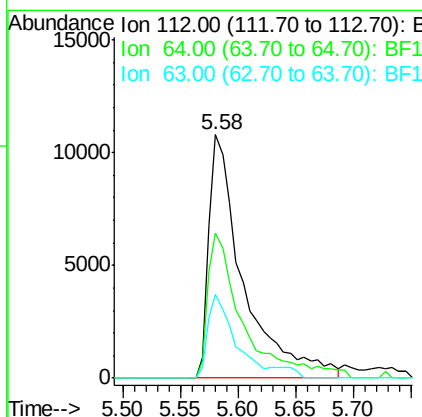
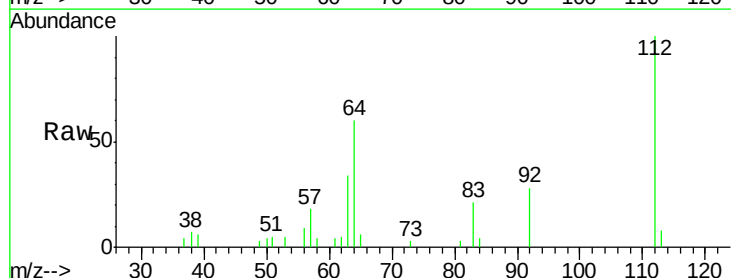
Tot Ion:152 Resp: 60066
Ion Ratio Lower Upper
152 100
150 151.3 122.7 184.1
115 58.1 49.1 73.7

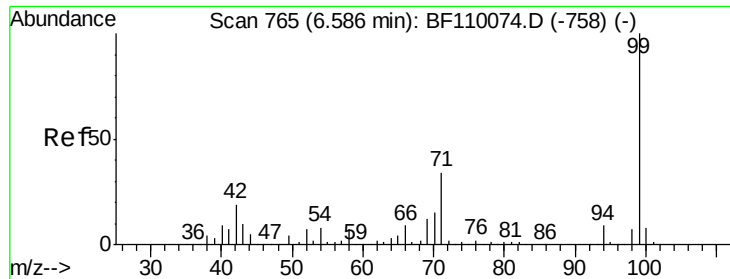


#5

2-Fluorophenol
Concen: 6.08 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110546.D
Acq: 7 Nov 2018 6:39

Tgt Ion:112 Resp: 22438
Ion Ratio Lower Upper
112 100
64 59.8 44.1 66.1
63 34.4 23.7 35.5





#7

Phenol-d6

Concen: 3.78 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110546.D

Acq: 7 Nov 2018 6:39

Instrument :

BNA_F

ClientSampled :

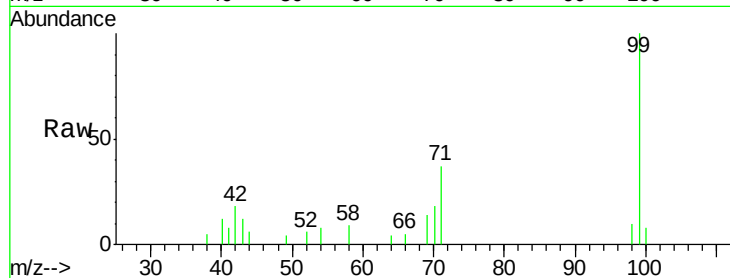
Tot Ion: 99 Resp: 17813

Ion Ratio Lower Upper

99 100

42 18.0 15.8 23.6

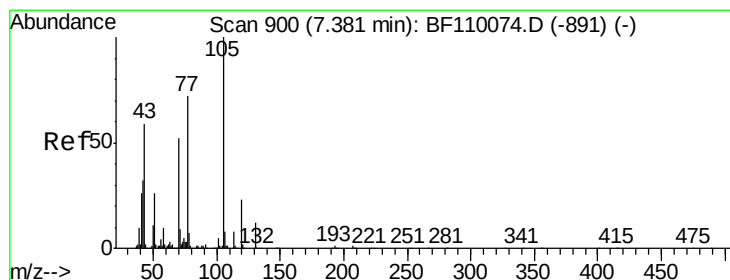
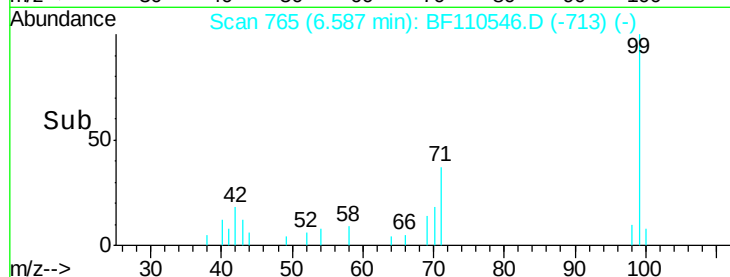
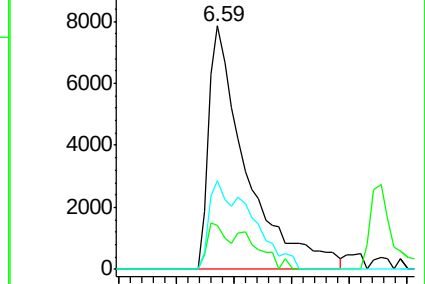
71 36.7 28.0 42.0



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: 2.28 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110546.D

Acq: 7 Nov 2018 6:39

Tgt Ion: 70 Resp: 6896

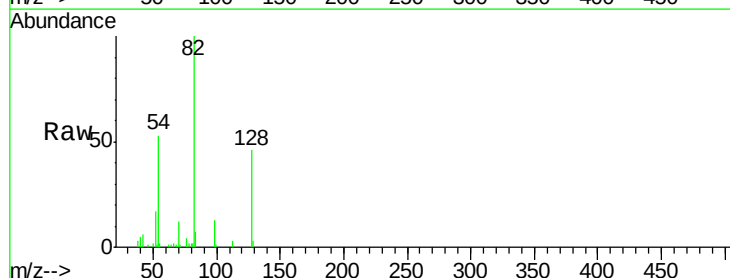
Ion Ratio Lower Upper

70 100

42 53.4 47.4 71.2

101 0.0 7.3 10.9#

130 0.0 16.2 24.2#

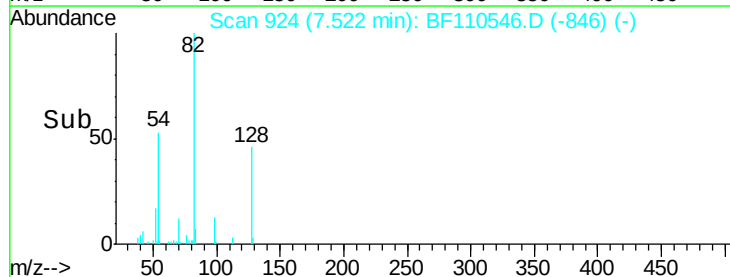
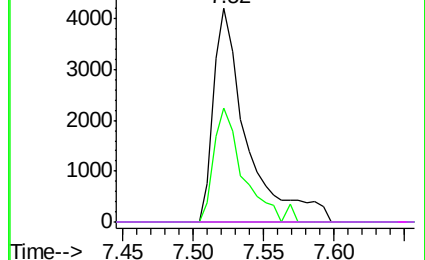


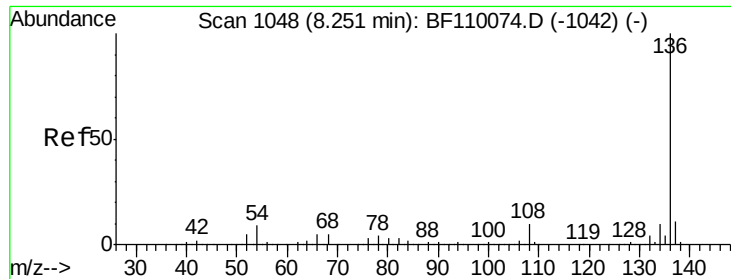
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

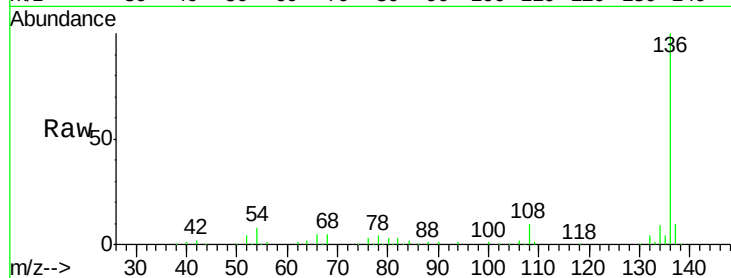




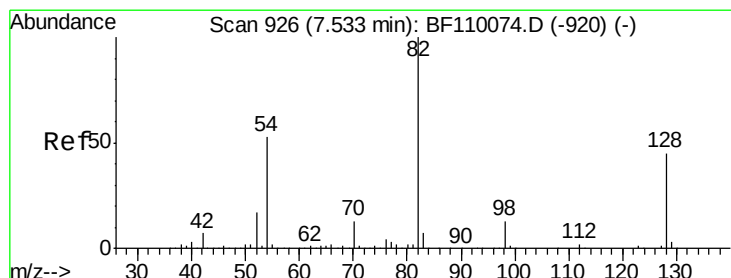
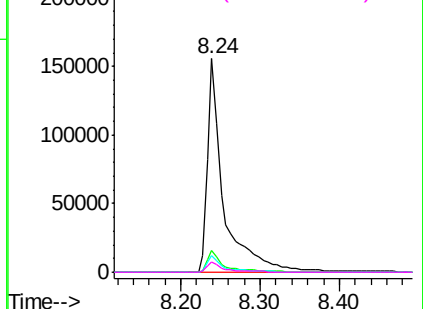
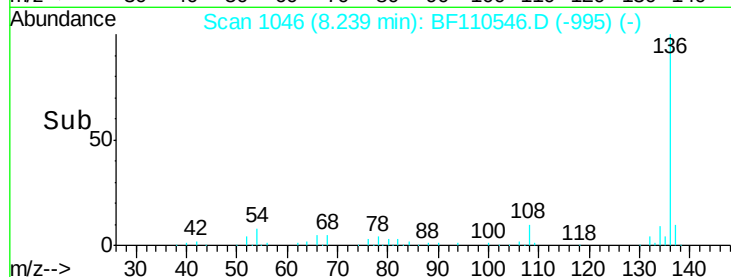
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110546.D
Acq: 7 Nov 2018 6:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	223545
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.8 13.2
54	7.6	5.4 8.2
68	5.0	4.2 6.2

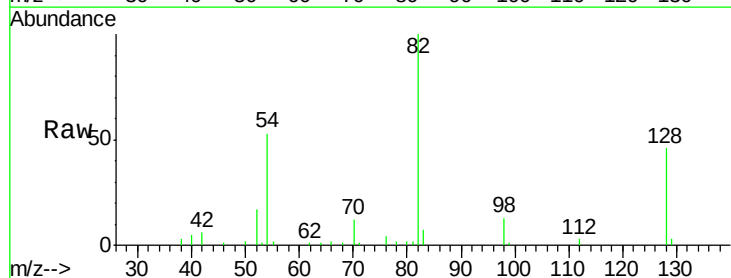


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

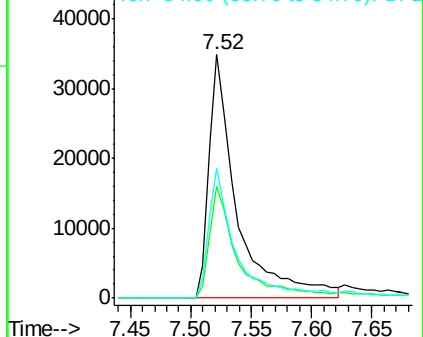
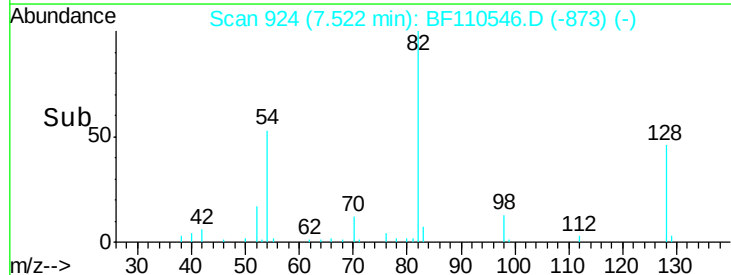


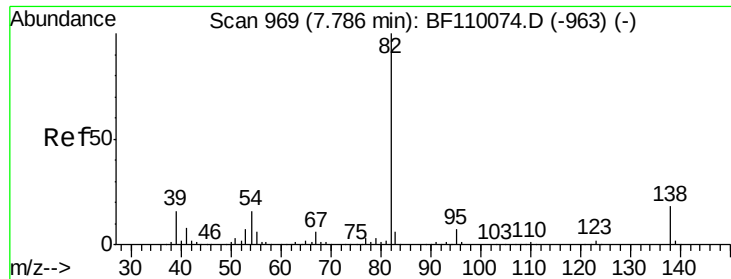
#23
Nitrobenzene-d5
Concen: 14.85 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110546.D
Acq: 7 Nov 2018 6:39

Tgt Ion: 82	Resp:	55953
Ion Ratio	Lower	Upper
82	100	
128	46.1	34.2 51.2
54	53.3	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: 8.71 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110546.D

Acq: 7 Nov 2018 6:39

Instrument :

BNA_F

ClientSampled :

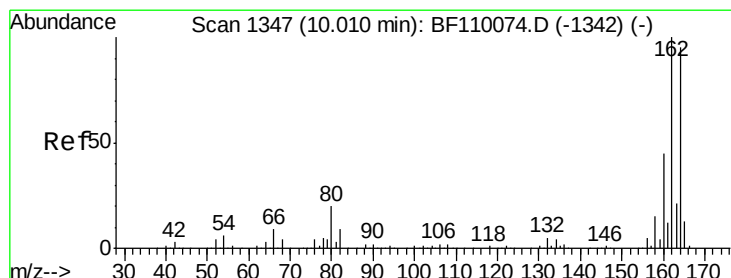
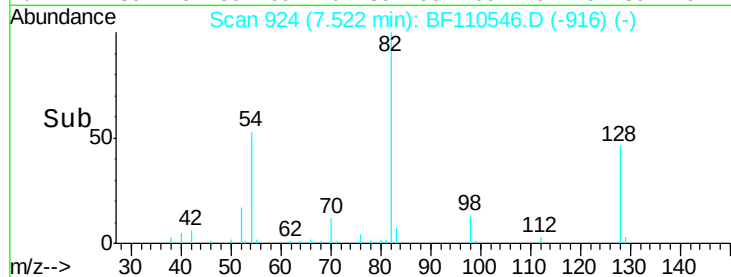
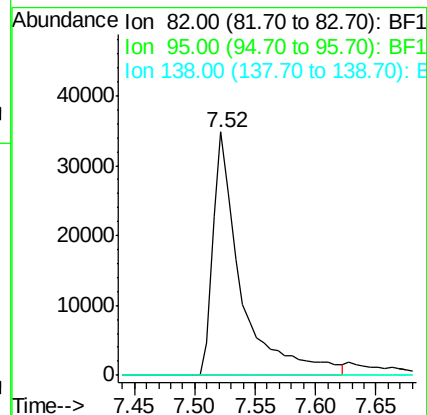
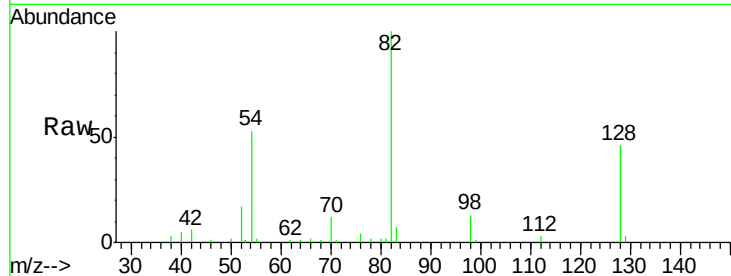
Tot Ion: 82 Resp: 55953

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110546.D

Acq: 7 Nov 2018 6:39

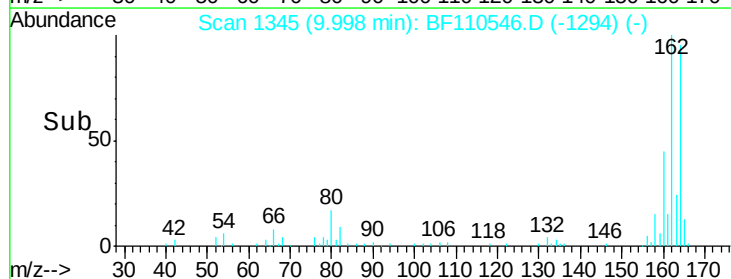
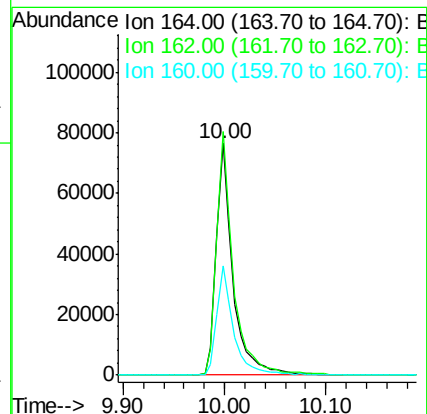
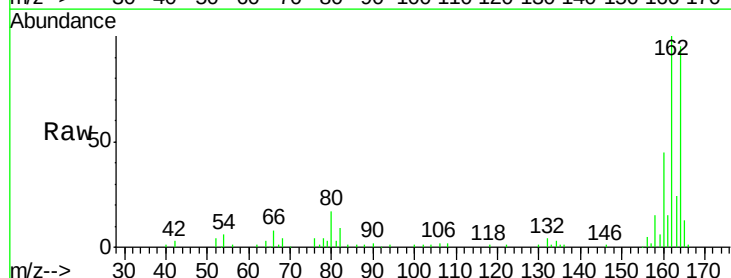
Tgt Ion: 164 Resp: 87884

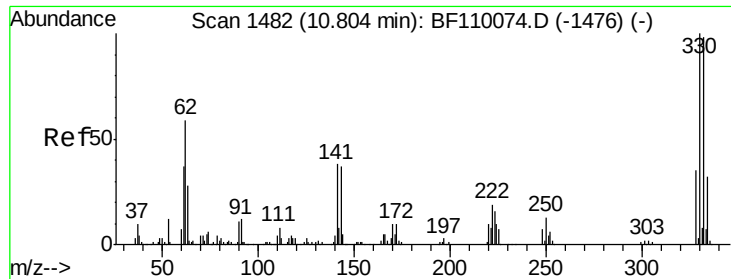
Ion Ratio Lower Upper

164 100

162 105.1 83.0 124.6

160 47.1 37.0 55.6

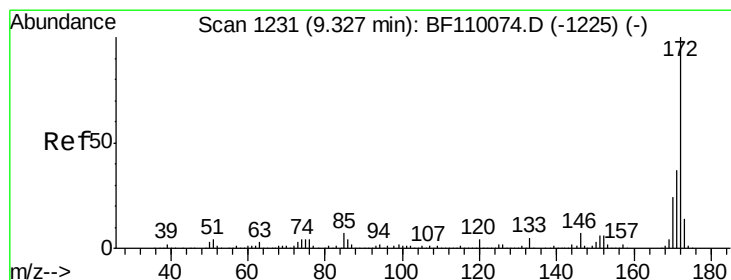
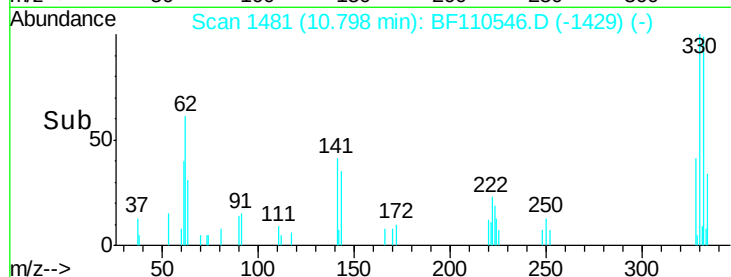
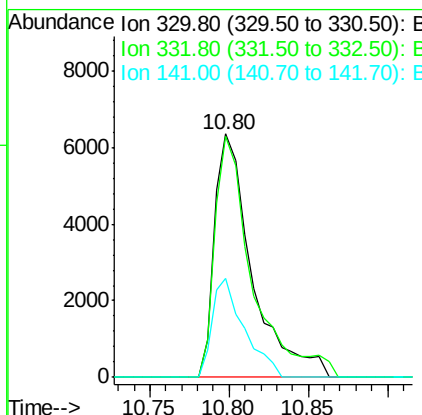
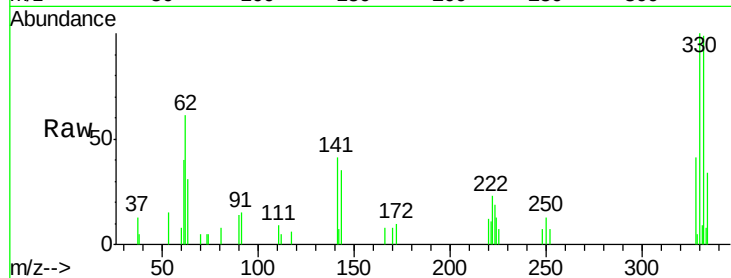




#42
 2,4,6-Tribromophenol
 Concen: 12.04 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF110546.D
 Acq: 7 Nov 2018 6:39

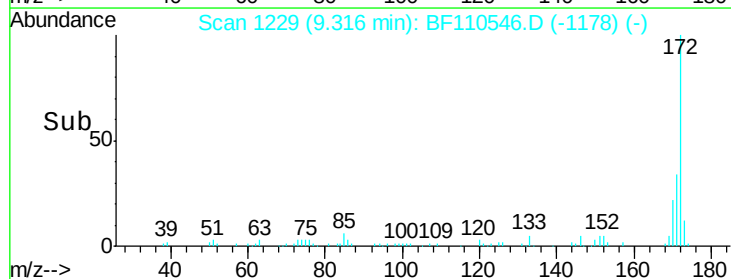
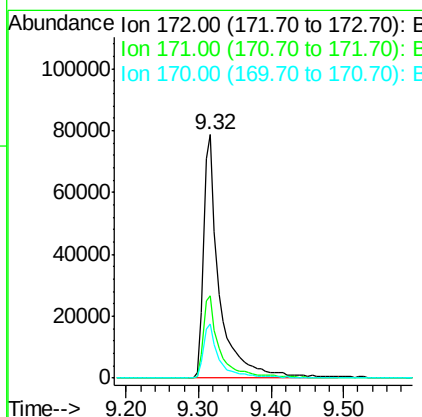
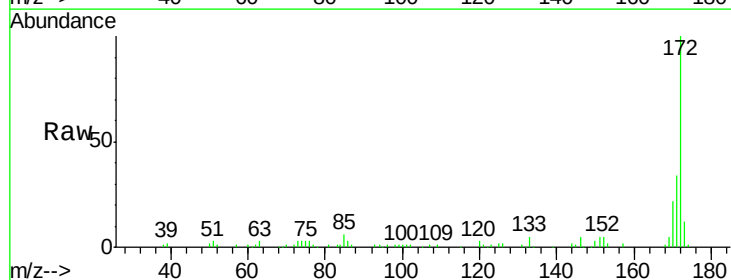
Instrument :
 BNA_F
 ClientSampleId :

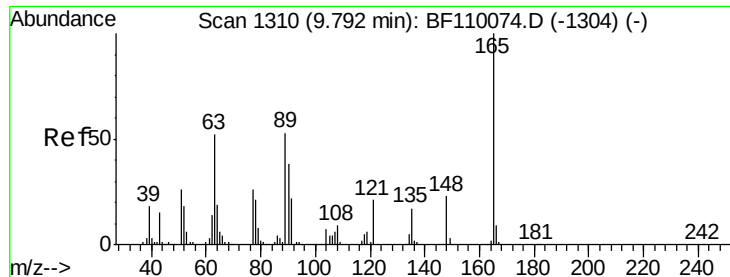
Tot Ion:330 Resp: 10480
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.1 115.7
 141 34.5 27.0 40.4



#45
 2-Fluorobiphenyl
 Concen: 21.52 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF110546.D
 Acq: 7 Nov 2018 6:39

Tgt Ion:172 Resp: 120427
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.6 43.0
 170 22.1 19.7 29.5

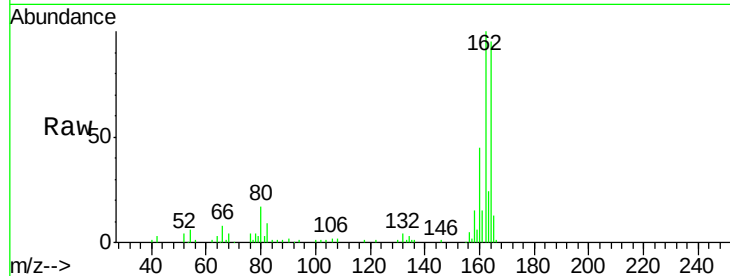




#51
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.22 min
Lab File: BF110546.D
Acq: 7 Nov 2018 6:39

Instrument :
BNA_F
ClientSampleId :

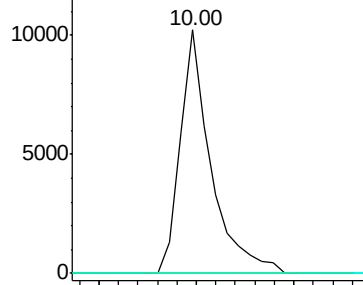
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



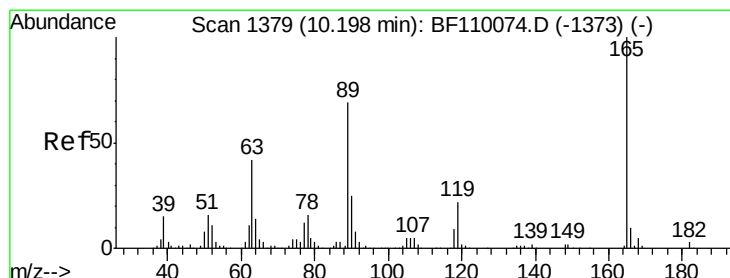
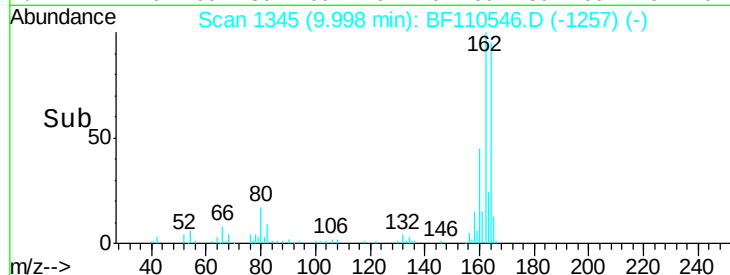
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

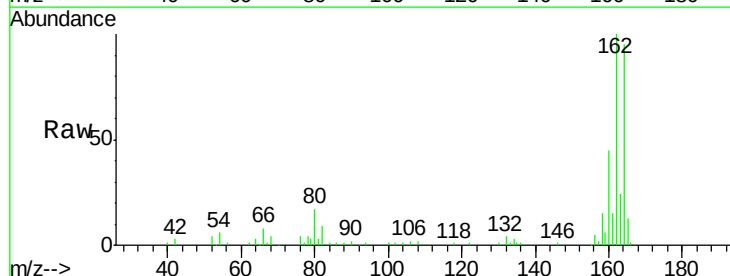


Time-->



#57
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110546.D
Acq: 7 Nov 2018 6:39

Tgt 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#

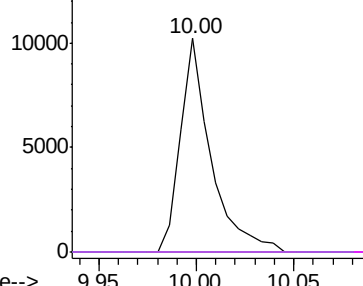


Abundance Ion 165.00 (164.70 to 165.70): E

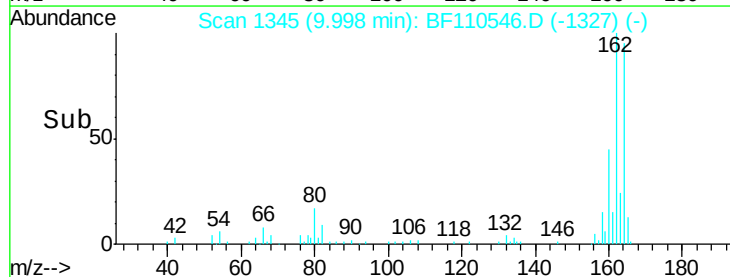
Ion 63.00 (62.70 to 63.70): BF1

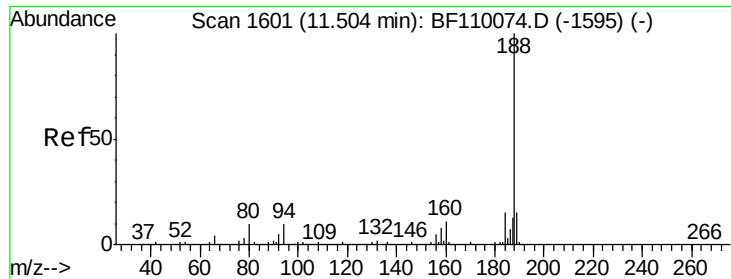
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->

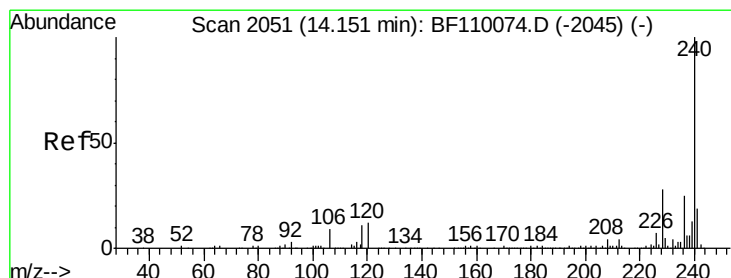
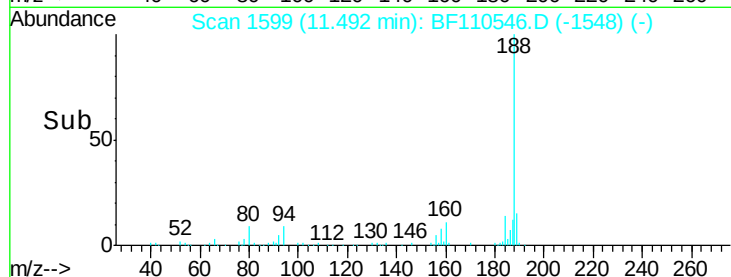
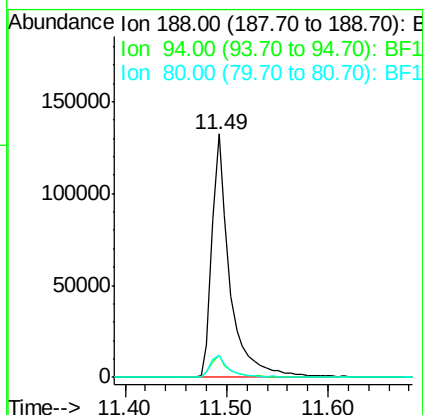
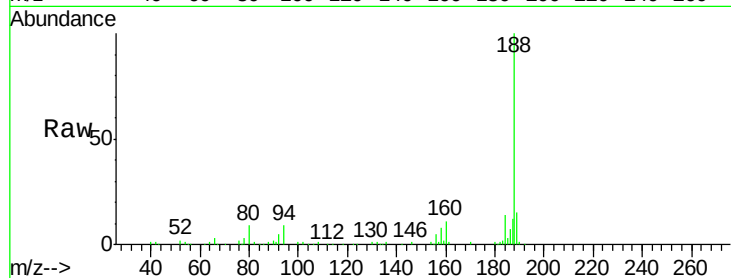




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110546.D
Acq: 7 Nov 2018 6:39

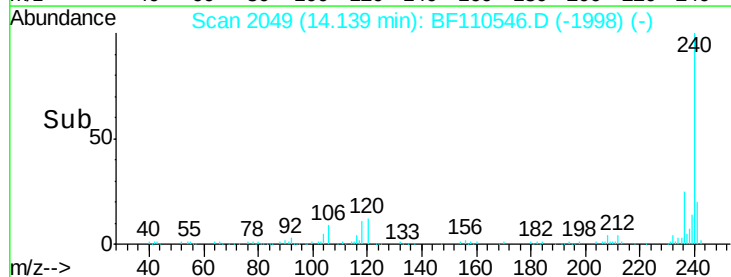
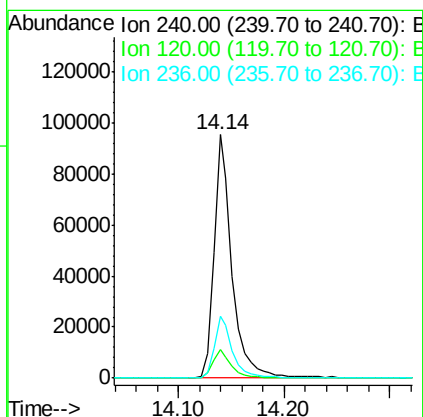
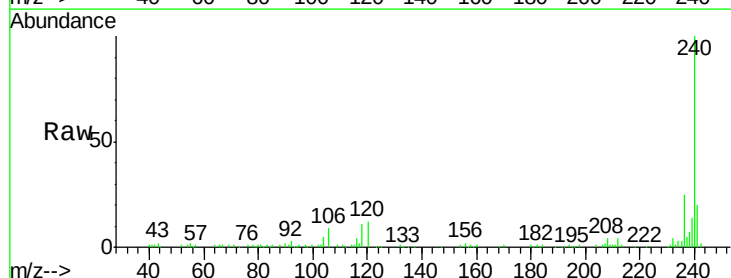
Instrument :
BNA_F
ClientSampleId :

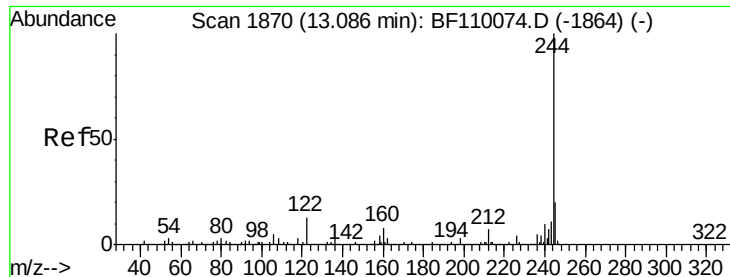
Tot Ion:188 Resp: 163704
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110546.D
Acq: 7 Nov 2018 6:39

Tgt Ion:240 Resp: 114553
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 25.1 21.2 31.8





#79

Terphenyl-d14

Concen: 21.92 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110546.D

Acq: 7 Nov 2018 6:39

Instrument :

BNA_F

ClientSampleId :

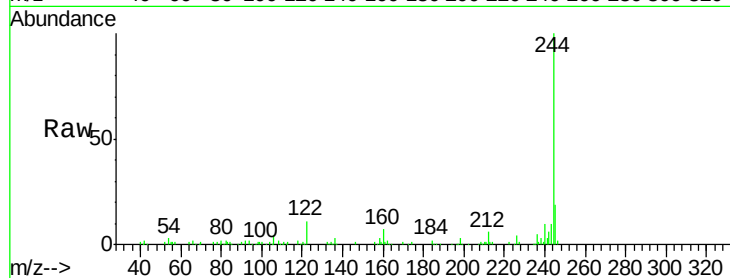
Tot Ion:244 Resp: 120755

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

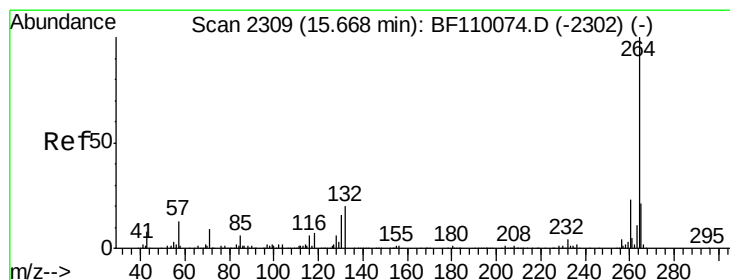
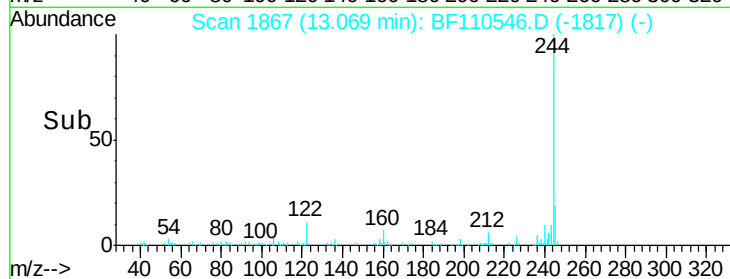
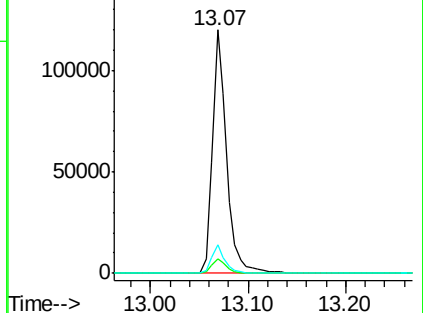
122 11.5 8.7 13.1



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: 20.00 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110546.D

Acq: 7 Nov 2018 6:39

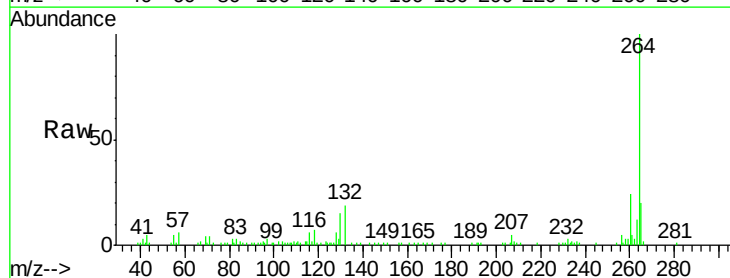
Tgt Ion:264 Resp: 82781

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 20.1 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

