

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110449.D
 Acq On : 3 Nov 2018 9:25
 Operator : JU/SJ
 Sample : J5789-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 03:49:18 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

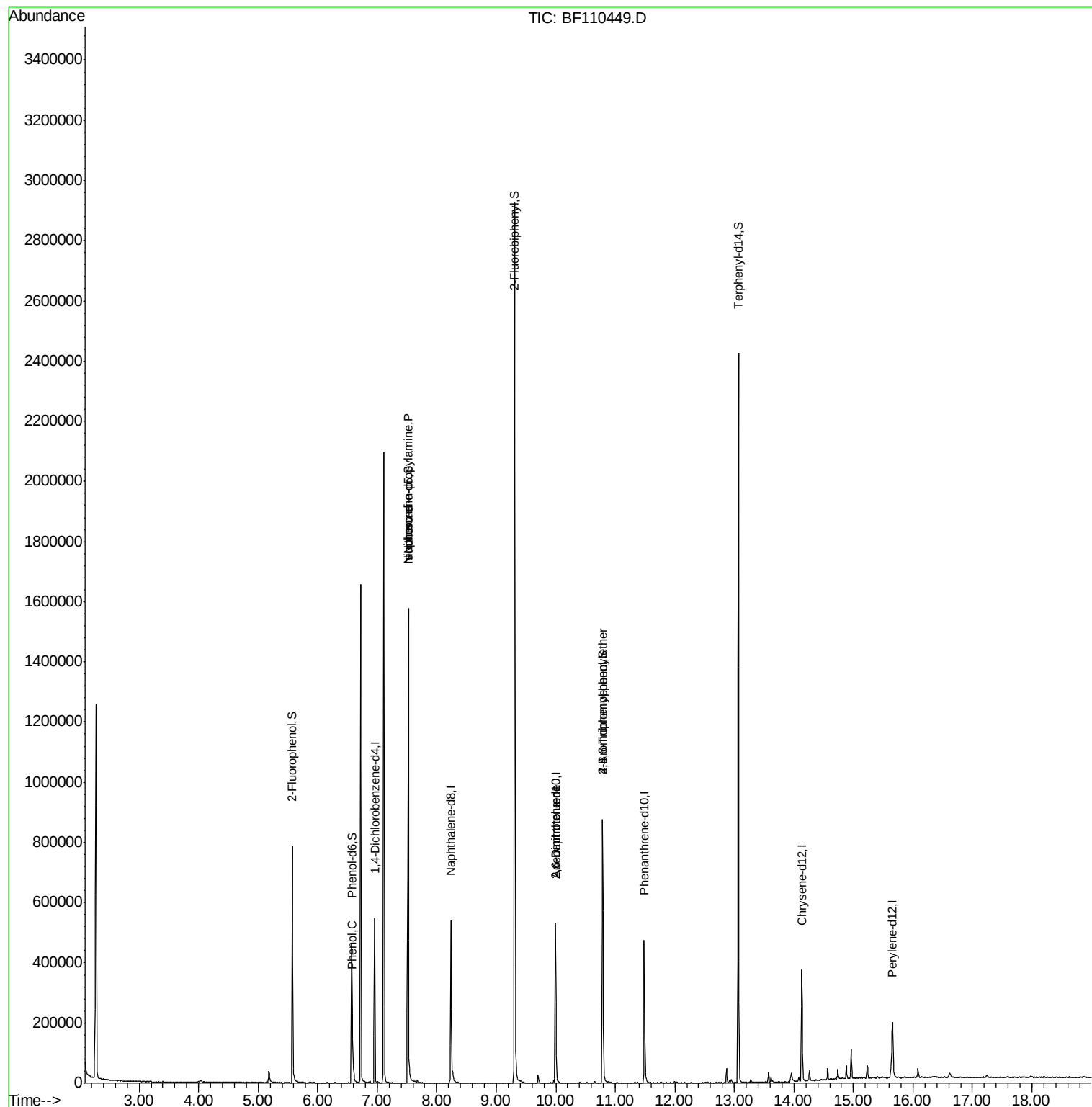
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	85186	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	310001	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	125659	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	216588	20.00	ng	0.00
76) Chrysene-d12	14.13	240	146472	20.00	ng	0.00
87) Perylene-d12	15.66	264	103520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	215822	41.26	ng	0.00
7) Phenol-d6	6.57	99	164989	24.66	ng	0.00
23) Nitrobenzene-d5	7.52	82	558947	106.94	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	110050	88.41	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	937333	117.13	ng	0.00
79) Terphenyl-d14	13.07	244	835421	118.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	357	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	29254	4.090 ng	#	67
19) n-Nitroso-di-n-propylamine	7.52	70	73498	17.122 ng	#	76
25) Isophorone	7.52	82	558944	62.738 ng	#	67
51) 2,6-Dinitrotoluene	10.00	165	15760	7.888 ng	#	21
57) 2,4-Dinitrotoluene	10.00	165	15760	6.210 ng	#	17
67) 4-Bromophenyl-phenylether	10.79	248	7282	3.100 ng	#	1

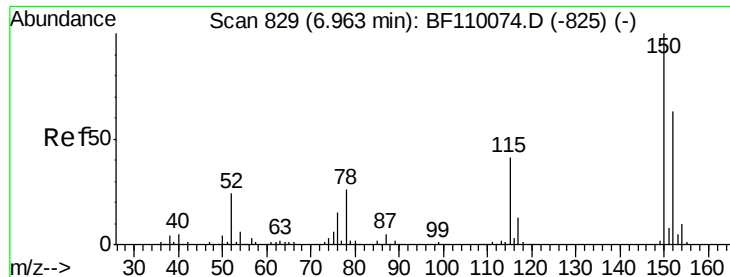
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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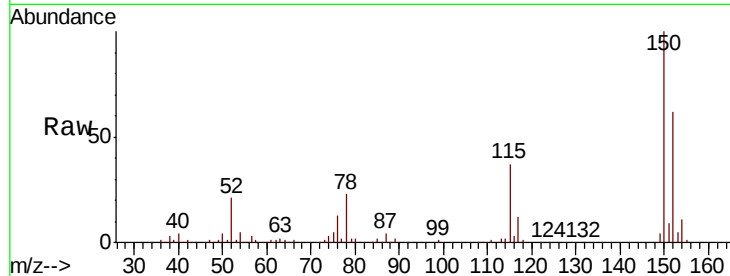


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110449.D
Acq: 3 Nov 2018 9:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.7	184.1
115	59.3	49.1	73.7

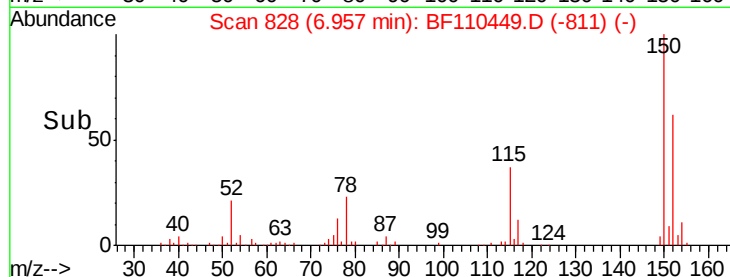
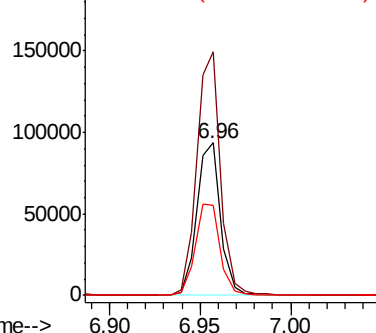


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

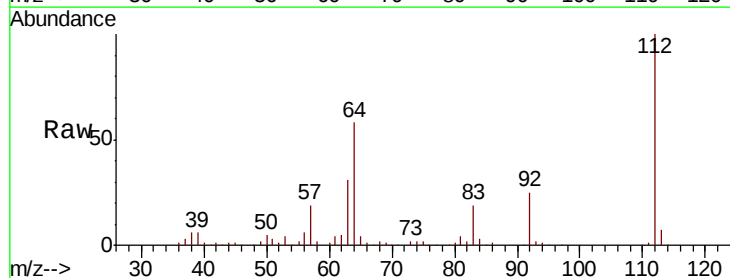
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.257 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110449.D
Acq: 3 Nov 2018 9:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	30.7	23.7	35.5

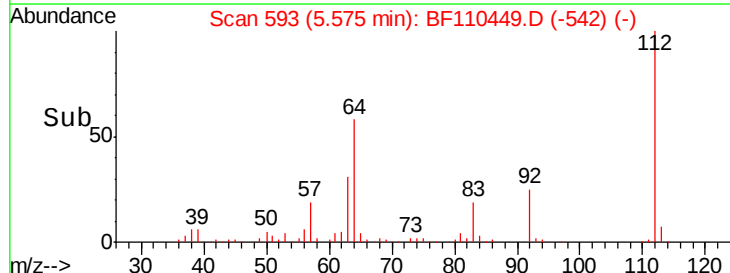
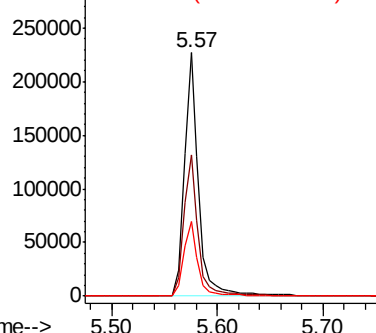


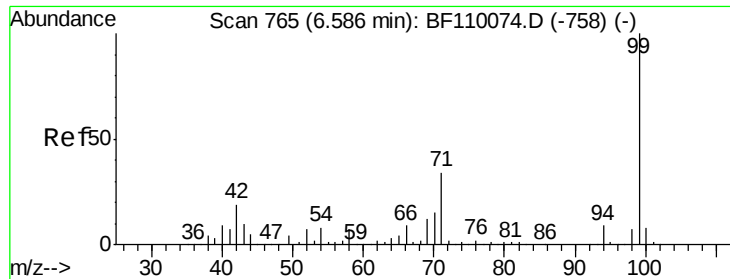
Abundance

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: 24.658 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

Instrument :

BNA_F

ClientSampleId :

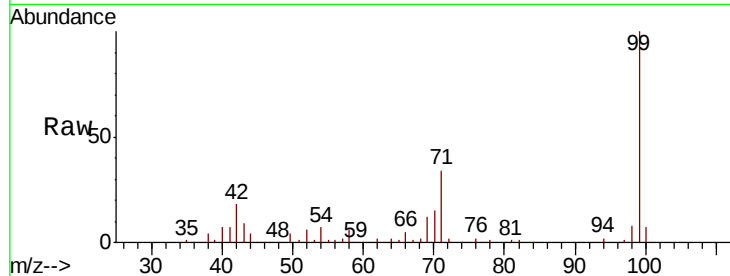
Tot Ion: 99 Resp: 164989

Ion Ratio Lower Upper

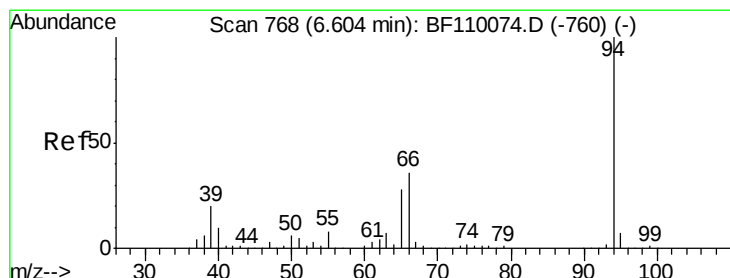
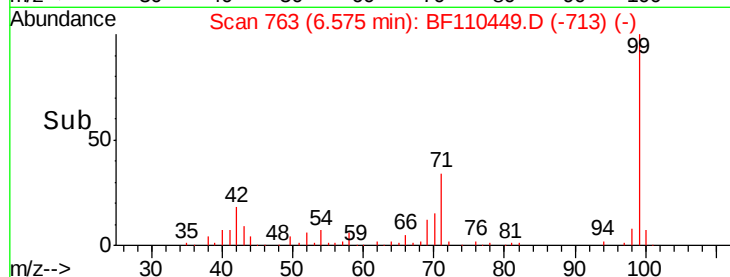
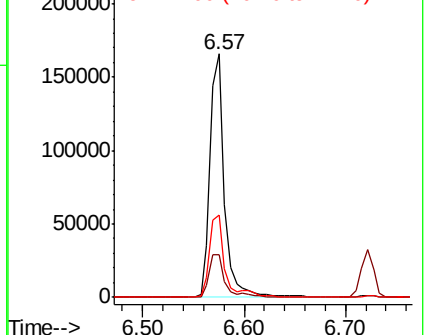
99 100

42 17.8 15.8 23.6

71 33.7 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



#10

Phenol

Concen: 4.090 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

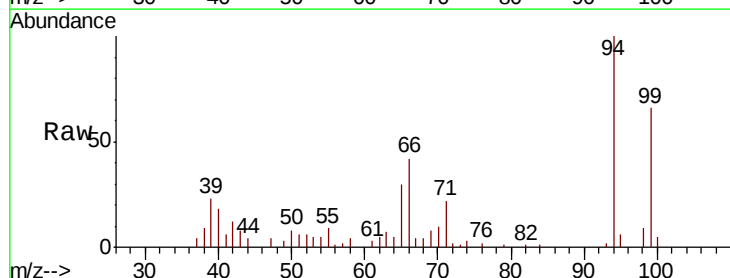
Tgt Ion: 94 Resp: 29254

Ion Ratio Lower Upper

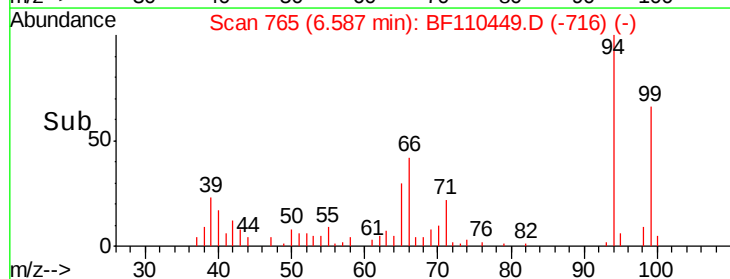
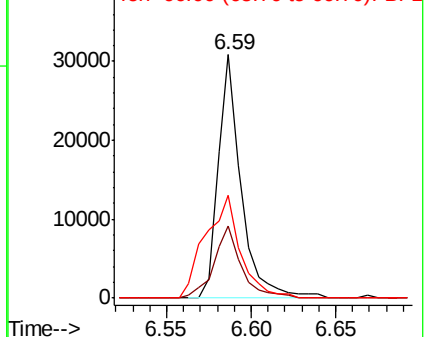
94 100

65 29.5 25.3 65.3

66 42.2 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

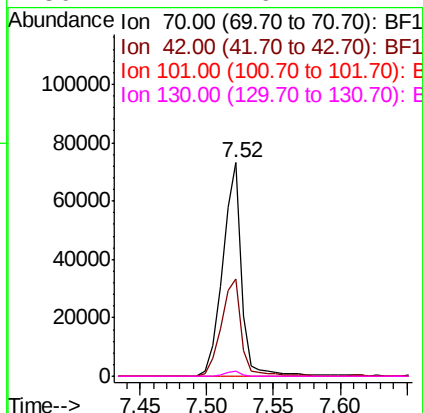
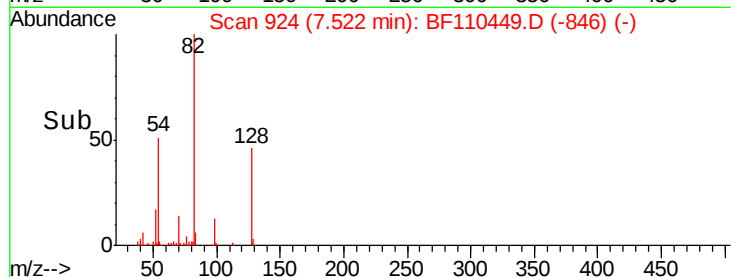
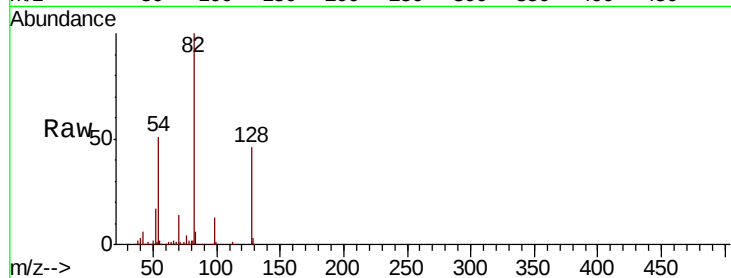




#19
n-Nitroso-di-n-propylamine
Concen: 17.122 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110449.D
Acq: 3 Nov 2018 9:25

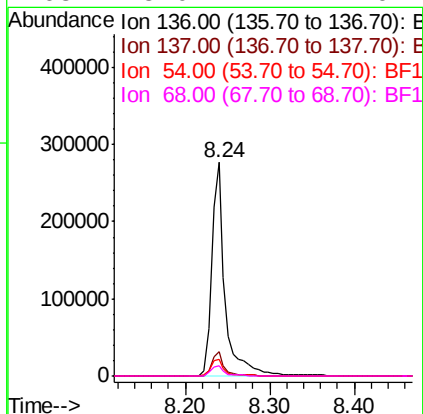
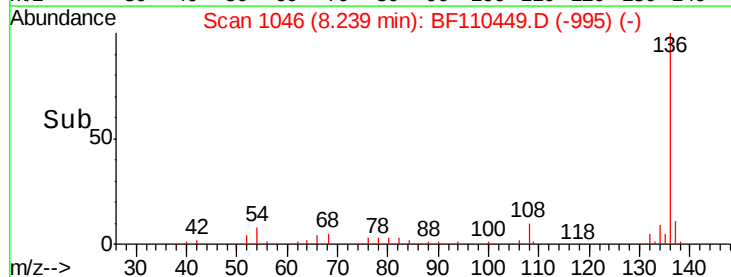
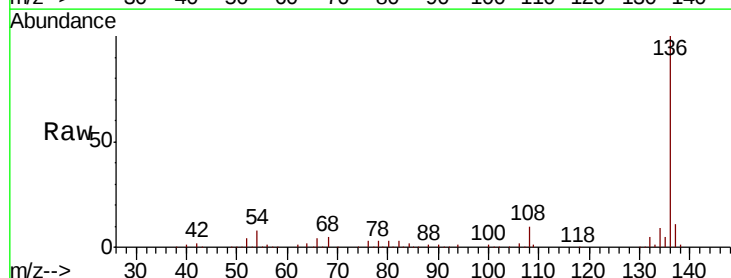
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 73498
Ion Ratio Lower Upper
70 100
42 45.7 47.4 71.2#
101 0.0 7.3 10.9#
130 2.2 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: BF110449.D
Acq: 3 Nov 2018 9:25

Tgt Ion: 136 Resp: 310001
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.9 5.4 8.2
68 5.0 4.2 6.2

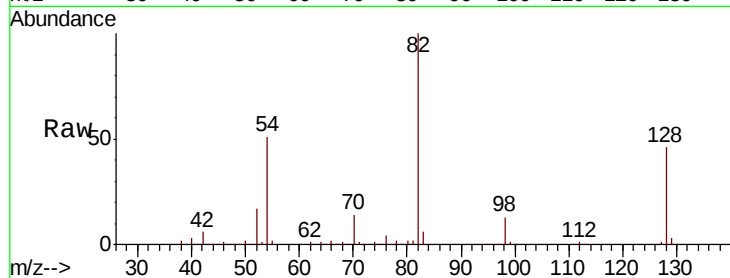




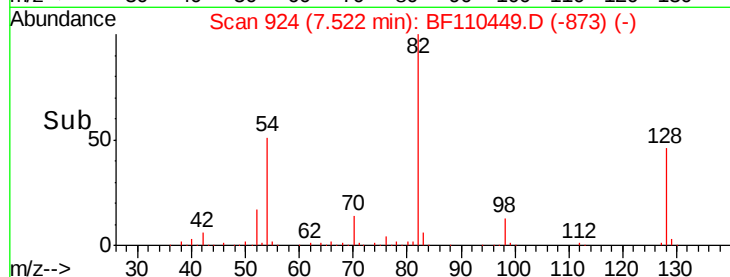
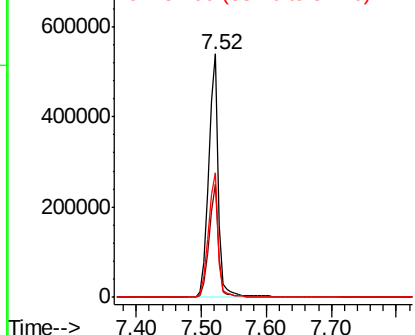
#23
Nitrobenzene-d5
Concen: 106.945 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110449.D
Acq: 3 Nov 2018 9:25

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 558947
Ion Ratio Lower Upper
82 100
128 46.5 34.2 51.2
54 51.4 38.6 58.0

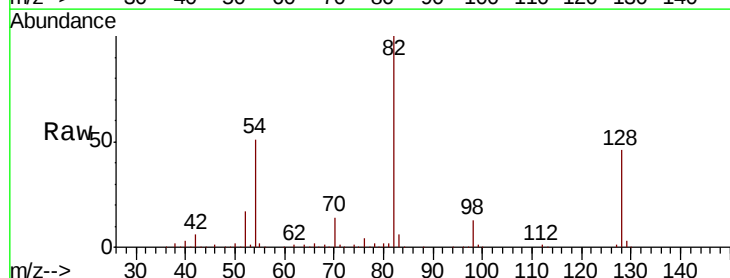


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

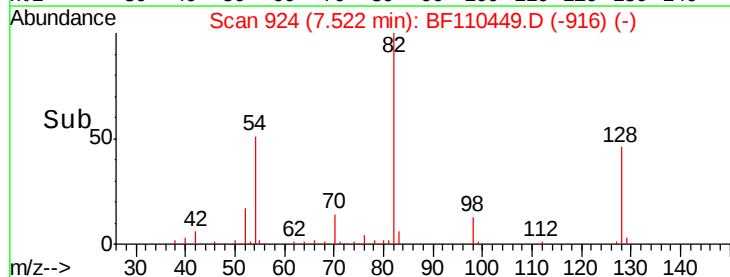
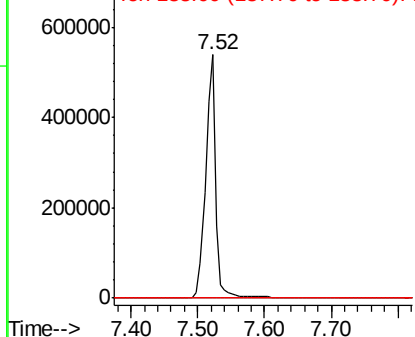


#25
Isophorone
Concen: 62.738 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110449.D
Acq: 3 Nov 2018 9:25

Tgt Ion: 82 Resp: 558944
Ion Ratio Lower Upper
82 100
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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

Instrument :

BNA_F

ClientSampleId :

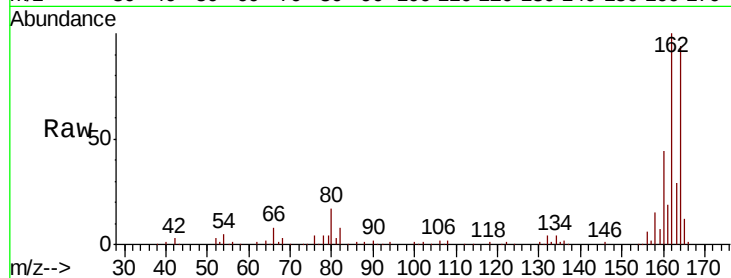
Tot Ion:164 Resp: 125659

Ion Ratio Lower Upper

164 100

162 106.8 83.0 124.6

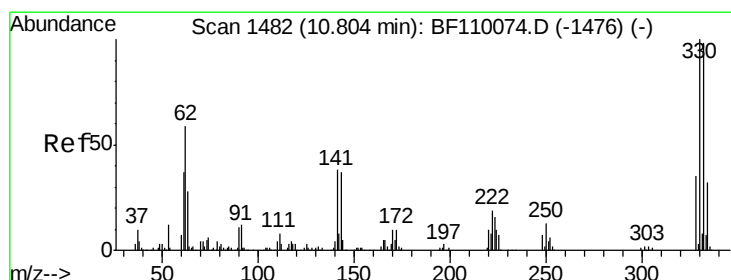
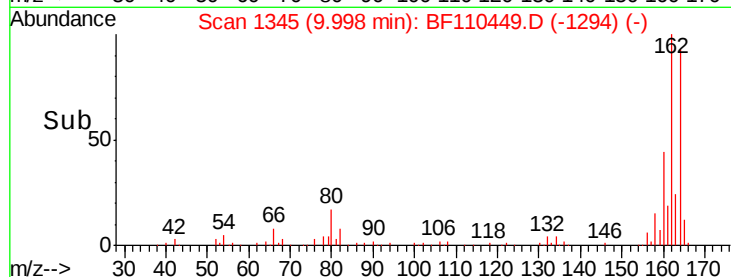
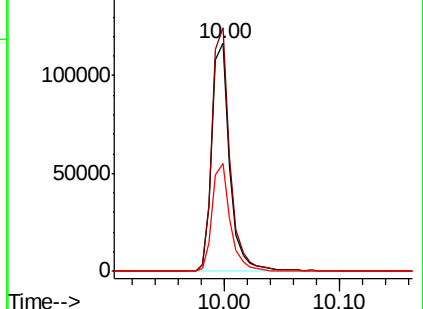
160 47.4 37.0 55.6



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: 88.412 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

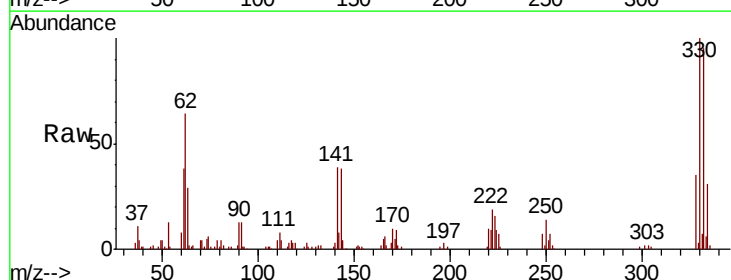
Tgt Ion:330 Resp: 110050

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

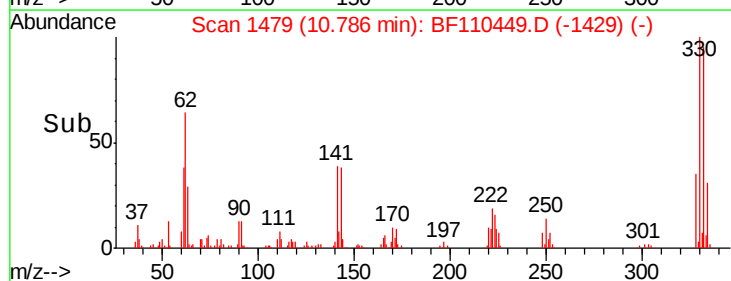
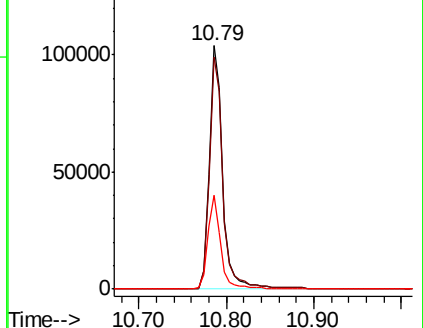
141 37.3 27.0 40.4



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

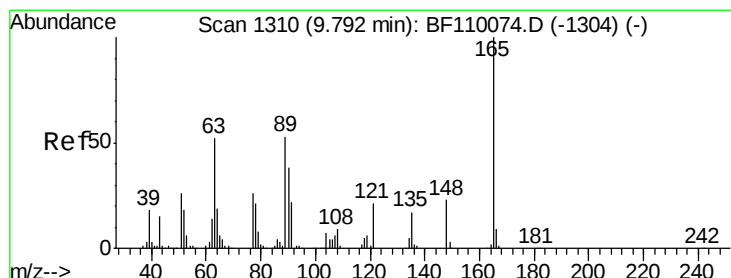
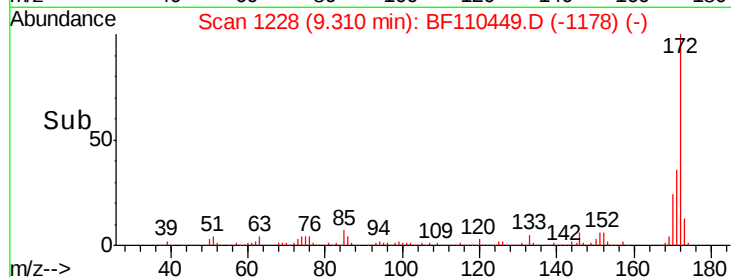
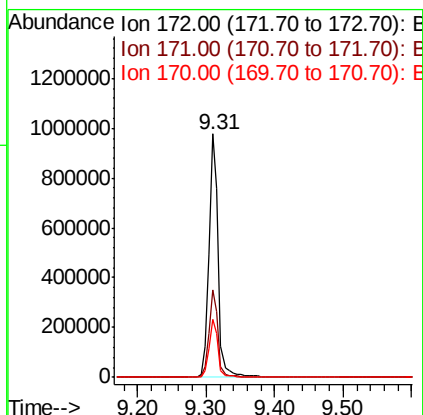
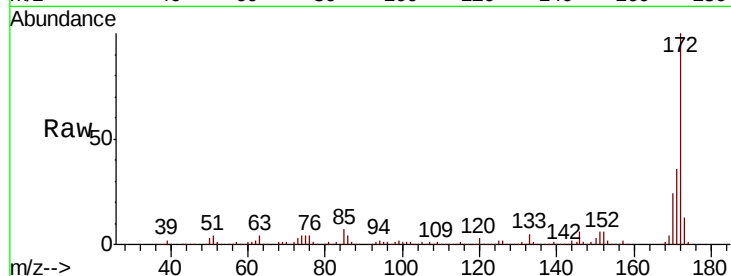




#45
 2-Fluorobiphenyl
 Concen: 117.131 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110449.D
 Acq: 3 Nov 2018 9:25

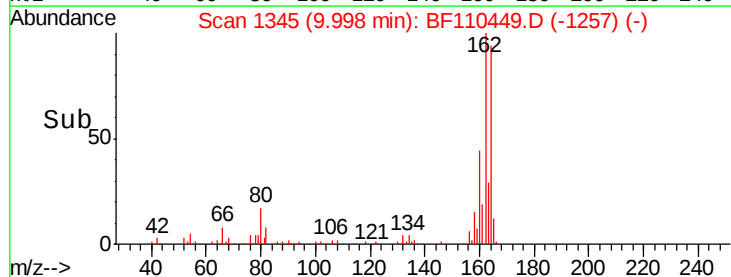
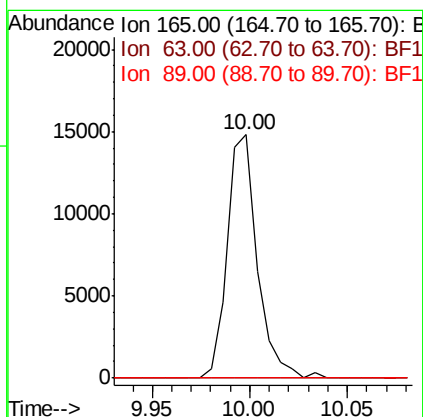
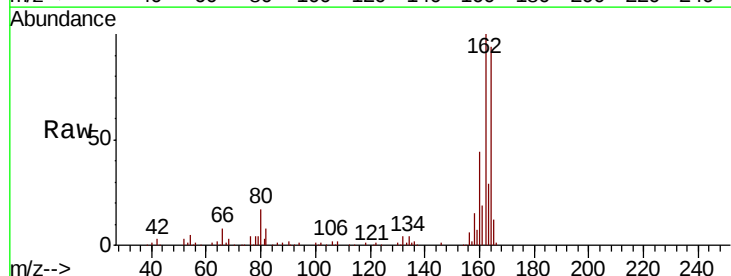
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 937333
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.6 19.7 29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.888 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110449.D
 Acq: 3 Nov 2018 9:25

Tgt Ion:165 Resp: 15760
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#

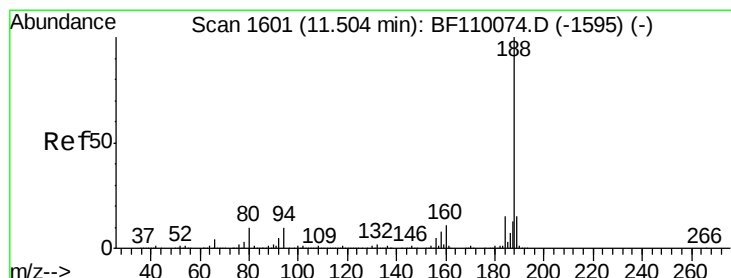
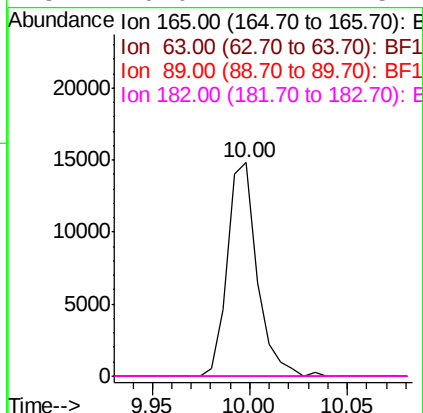
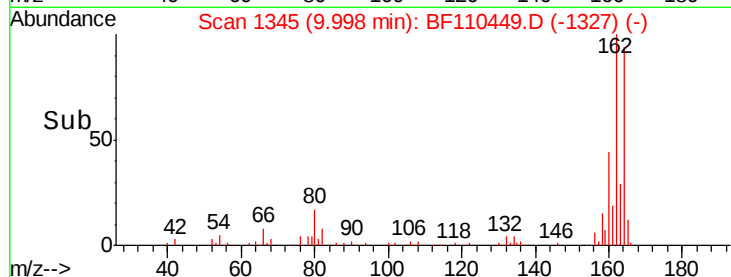
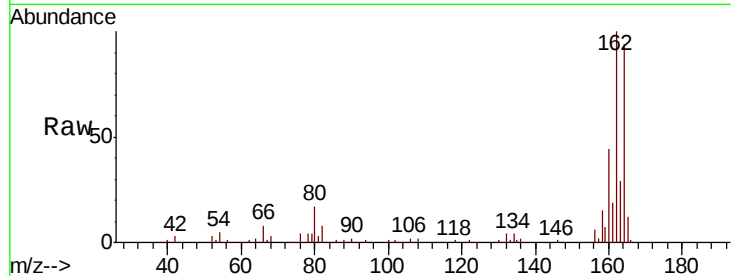




#57
2,4-Dinitrotoluene
Concen: 6.210 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110449.D
Acq: 3 Nov 2018 9:25

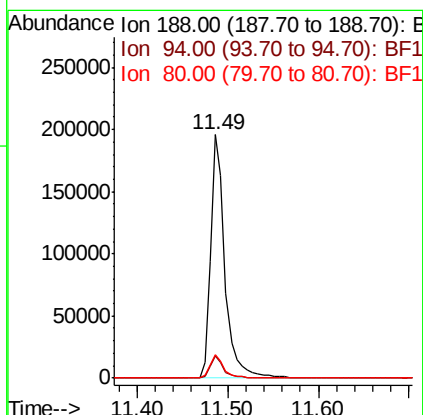
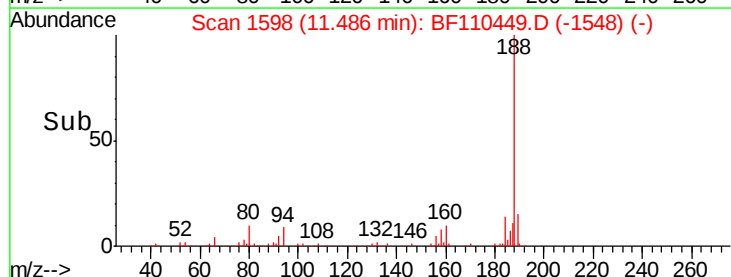
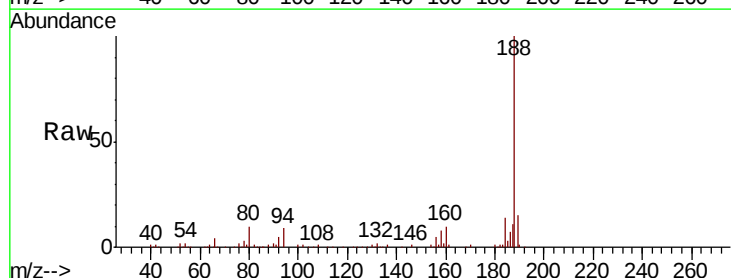
Instrument :
BNA_F
ClientSampleId :

Tot 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# 1598
Delta R.T. -0.01 min
Lab File: BF110449.D
Acq: 3 Nov 2018 9:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.8	7.9	11.9

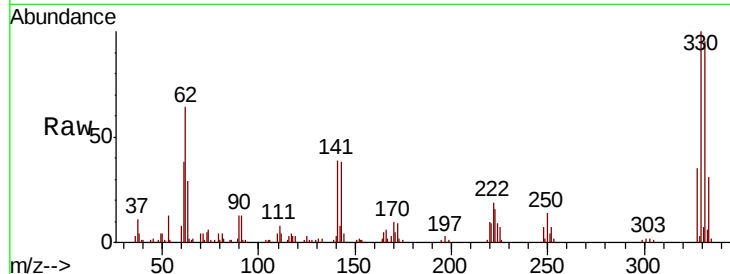




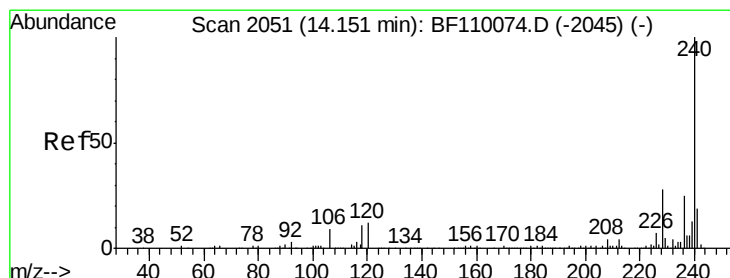
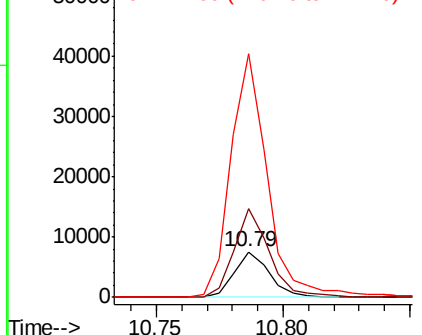
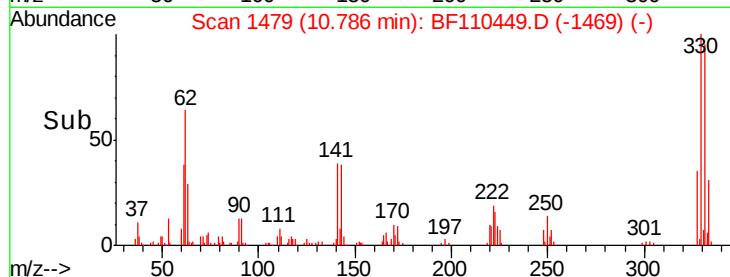
#67
 4-Bromophenyl-phenylether
 Concen: 3.100 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110449.D
 Acq: 3 Nov 2018 9:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7282
 Ion Ratio Lower Upper
 248 100
 250 193.4 79.4 119.2#
 141 532.5 55.9 83.9#

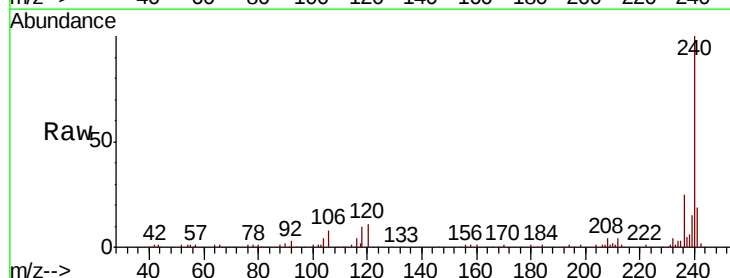


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

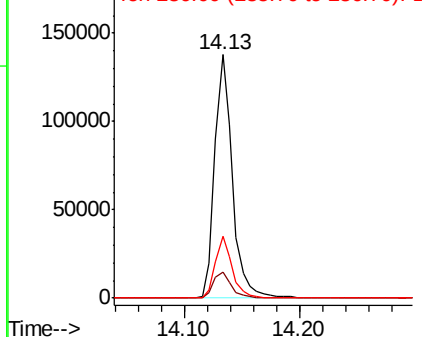
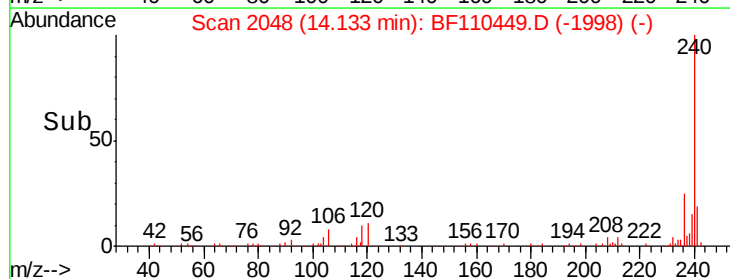


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110449.D
 Acq: 3 Nov 2018 9:25

Tgt Ion:240 Resp: 146472
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.3 12.5
 236 25.2 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: 118.619 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

Instrument :

BNA_F

ClientSampled :

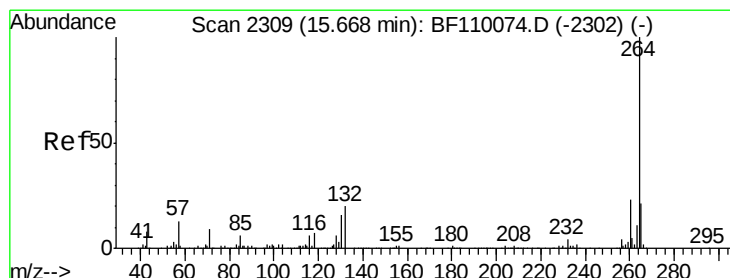
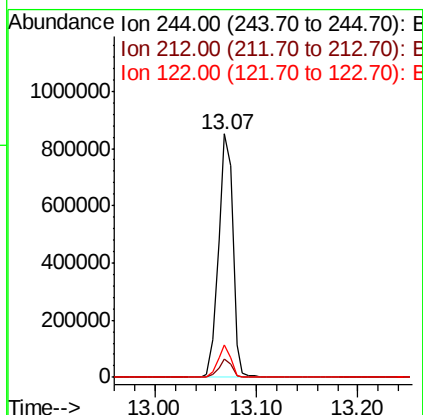
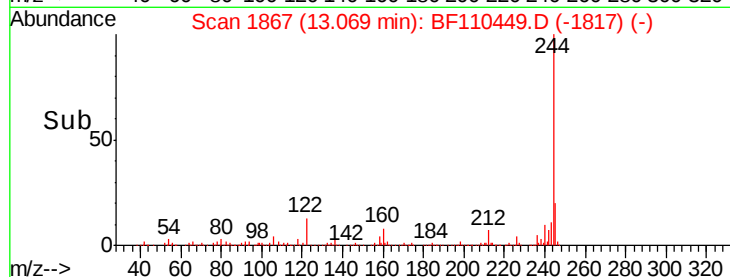
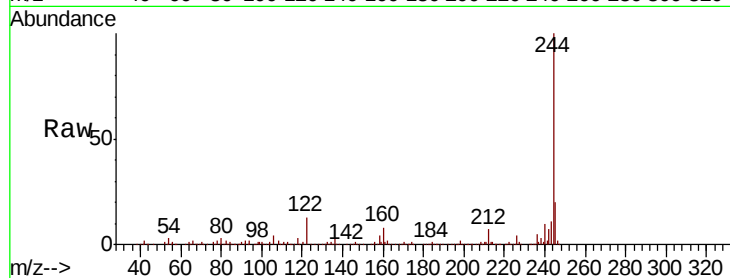
Tot Ion:244 Resp: 835421

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 13.4 8.7 13.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

Tgt Ion:264 Resp: 103520

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.4 16.7 25.1

