

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110369.D
 Acq On : 1 Nov 2018 15:28
 Operator : JU/SJ
 Sample : J5741-51
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:09:44 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	94108	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	385333	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	184773	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	327969	20.00	ng	0.00
76) Chrysene-d12	14.13	240	174328	20.00	ng	0.00
87) Perylene-d12	15.66	264	179285	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	797180	137.94	ng	0.01
7) Phenol-d6	6.59	99	1026776	138.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	658310	101.33	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	255305	139.49	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1229702	104.50	ng	0.00
79) Terphenyl-d14	13.07	244	930028	110.95	ng	0.00

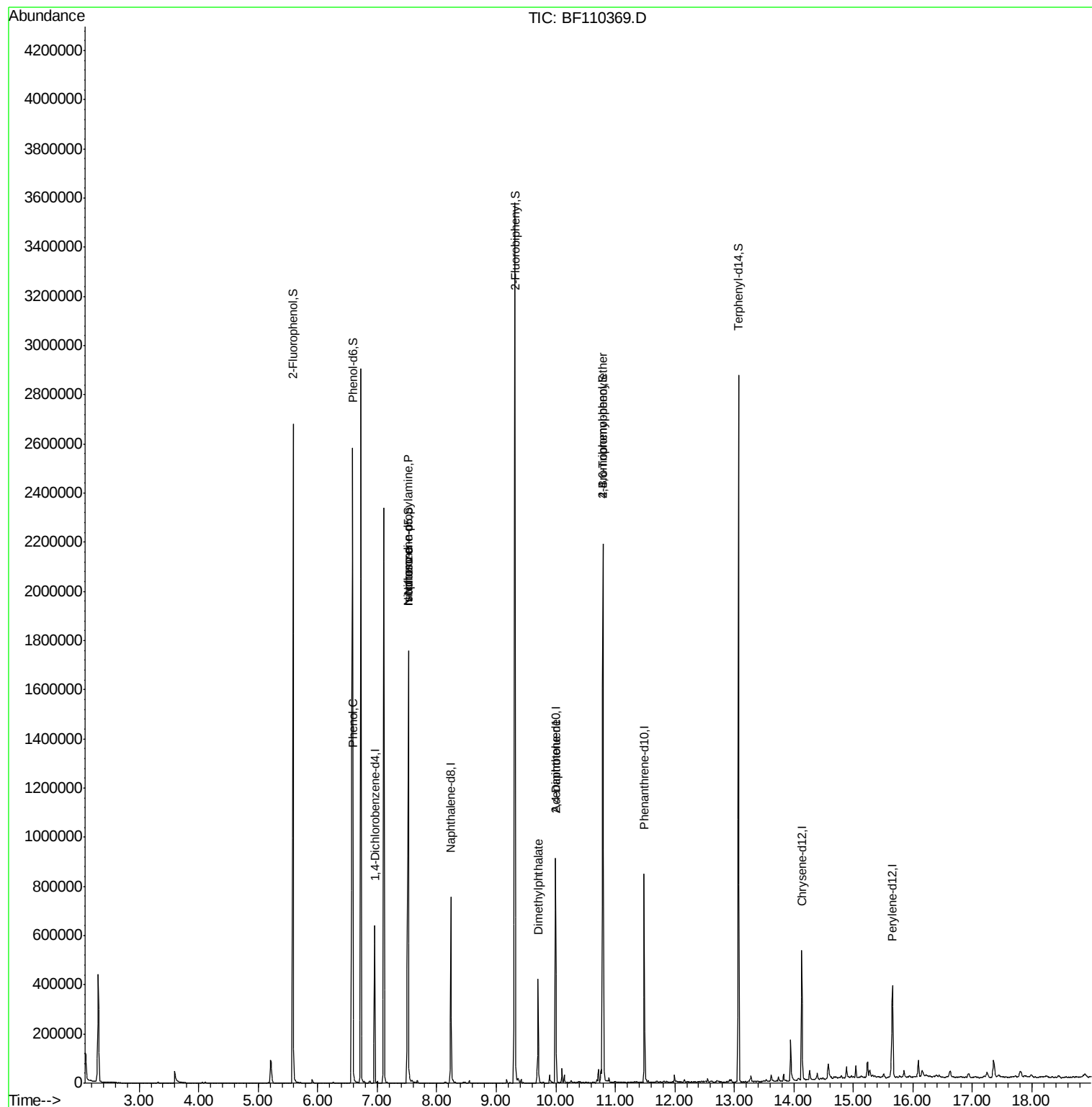
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	2164	Below Cal	#	1
10) Phenol	6.60	94	61619	7.799	ng	# 62
19) n-Nitroso-di-n-propylamine	7.52	70	87980	18.553	ng	# 78
25) Isophorone	7.52	82	658306	59.445	ng	# 67
50) Dimethylphthalate	9.70	163	184948	13.560	ng	99
57) 2,4-Dinitrotoluene	10.00	165	23517	6.302	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	16414	4.614	ng	# 1

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

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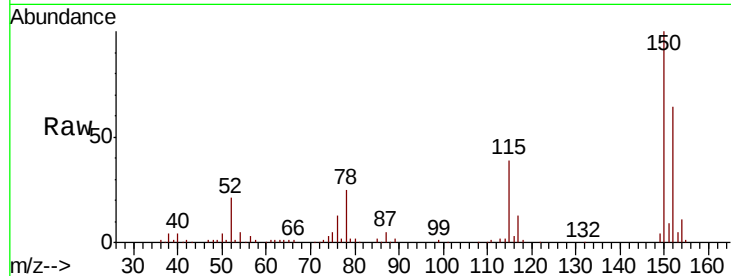


#1

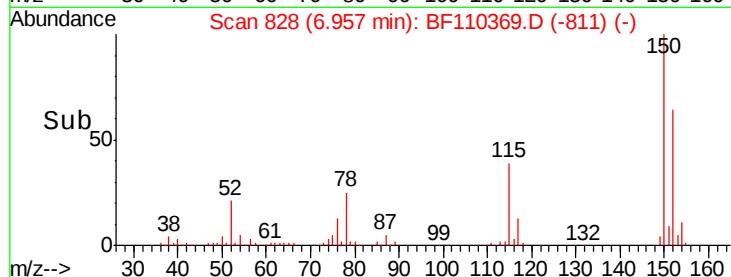
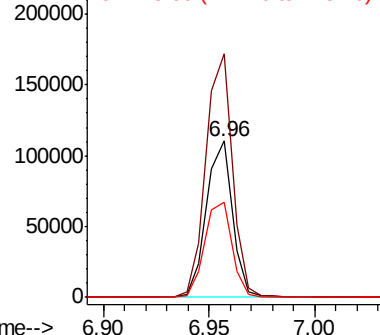
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110369.D
Acq: 1 Nov 2018 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94108
Ion Ratio Lower Upper
152 100
150 155.8 122.7 184.1
115 60.6 49.1 73.7



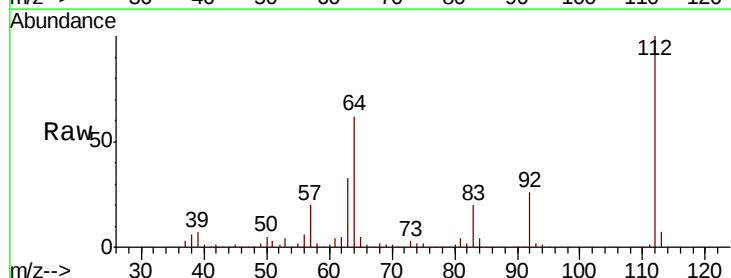
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



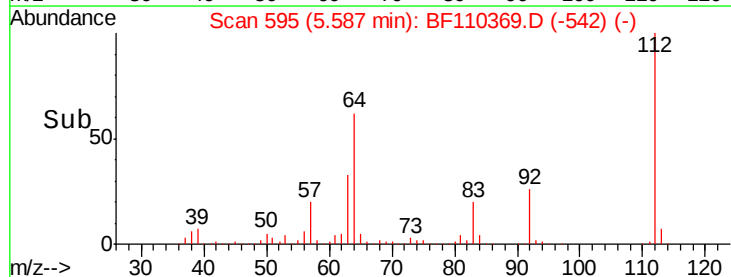
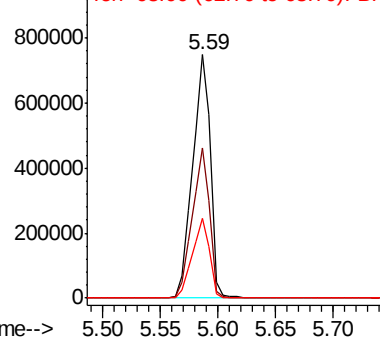
#5

2-Fluorophenol
Concen: 137.945 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110369.D
Acq: 1 Nov 2018 15:28

Tgt Ion:112 Resp: 797180
Ion Ratio Lower Upper
112 100
64 61.9 44.1 66.1
63 32.7 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: 138.908 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110369.D

Acq: 1 Nov 2018 15:28

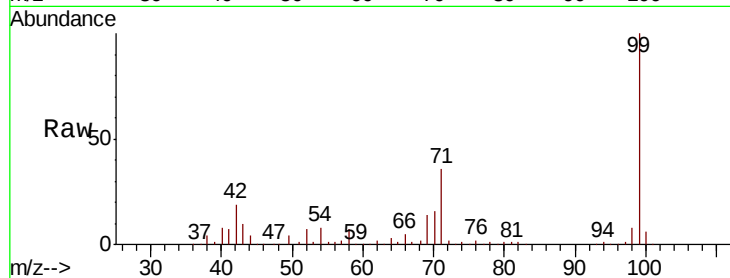
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1026776

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.6
71	35.6	28.0	42.0

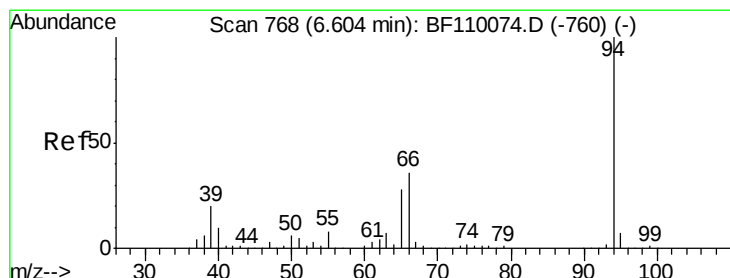
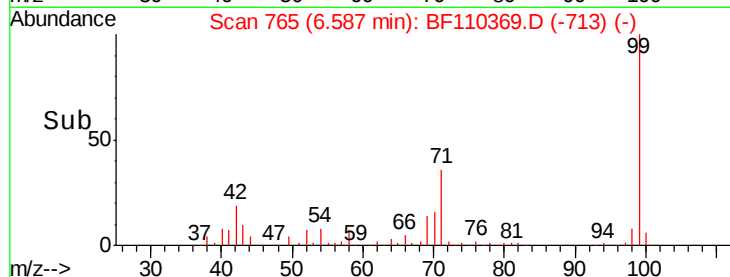
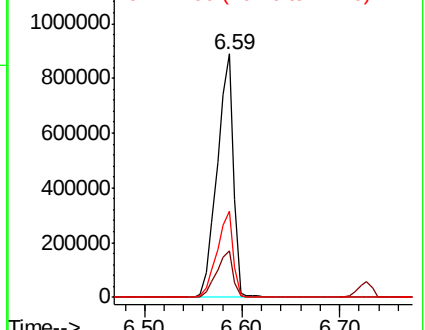


Abundance

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: 7.799 ng

RT: 6.60 min Scan# 767

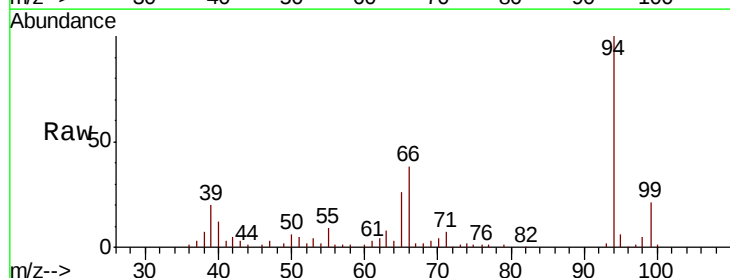
Delta R.T. 0.00 min

Lab File: BF110369.D

Acq: 1 Nov 2018 15:28

Tgt Ion: 94 Resp: 61619

Ion	Ratio	Lower	Upper
94	100		
65	25.8	25.3	65.3
66	37.8	54.5	94.5#

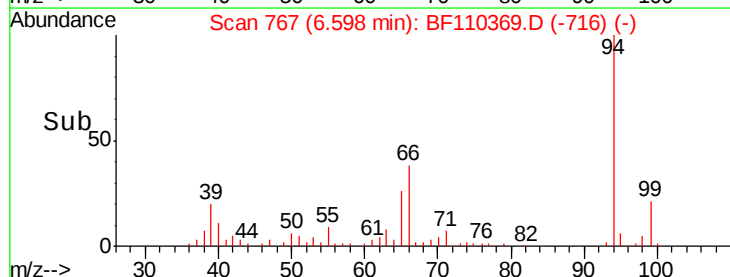
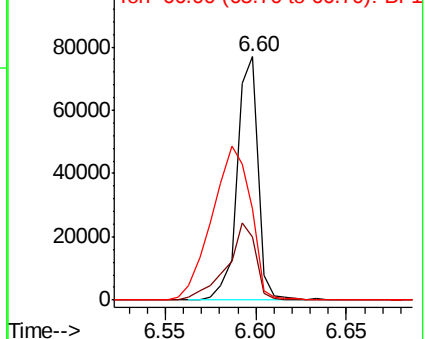


Abundance

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

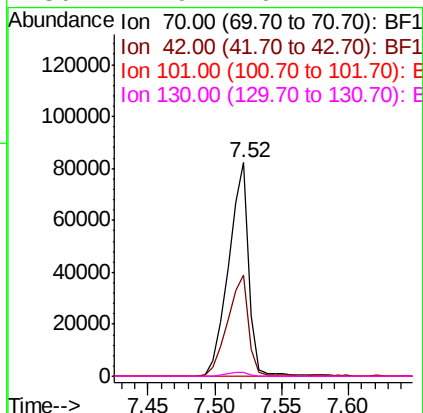
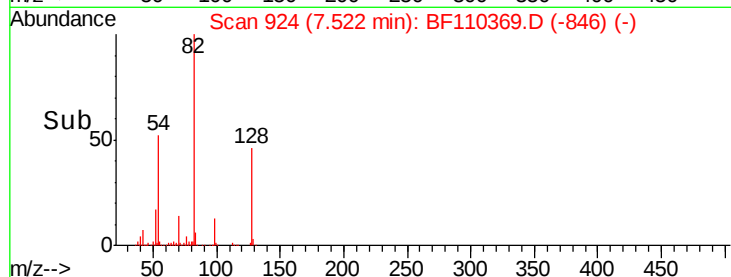
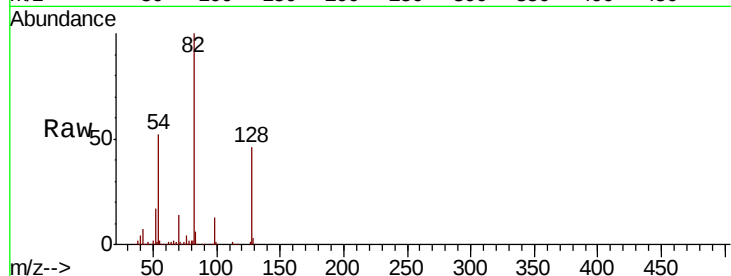




#19
n-Nitroso-di-n-propylamine
Concen: 18.553 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110369.D
Acq: 1 Nov 2018 15:28

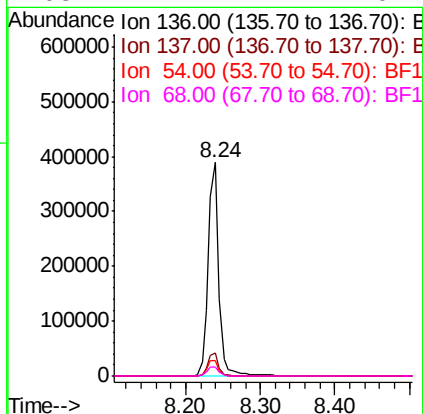
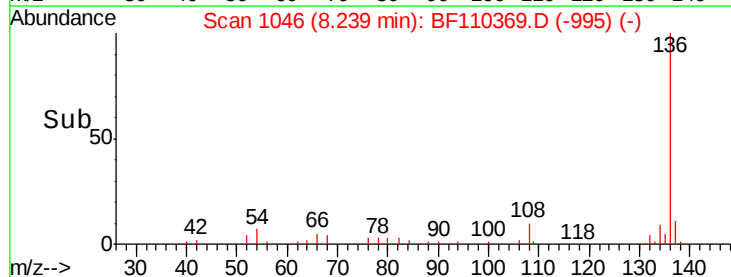
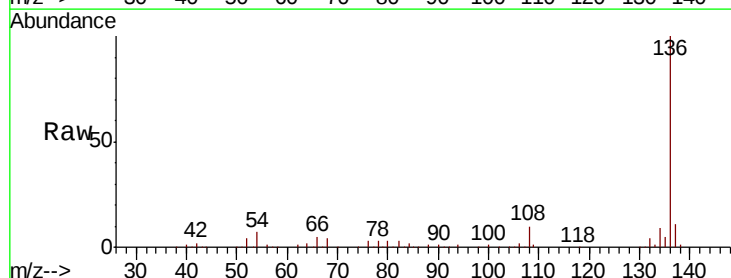
Instrument :
BNA_F
ClientSampleId :

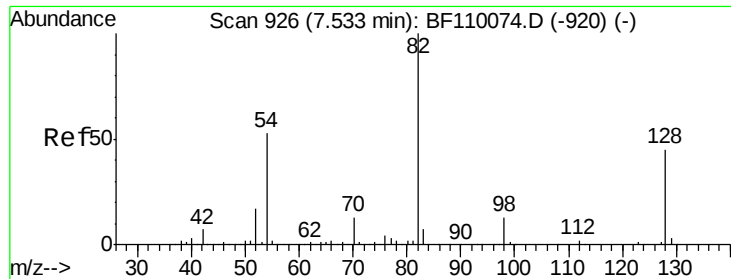
Tot Ion: 70 Resp: 87980
Ion Ratio Lower Upper
70 100
42 47.5 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110369.D
Acq: 1 Nov 2018 15:28

Tgt Ion: 136 Resp: 385333
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.0 5.4 8.2
68 4.4 4.2 6.2

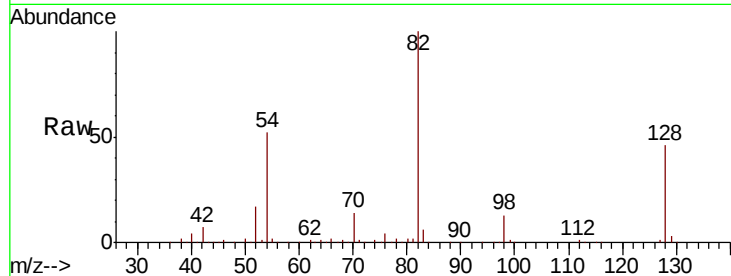




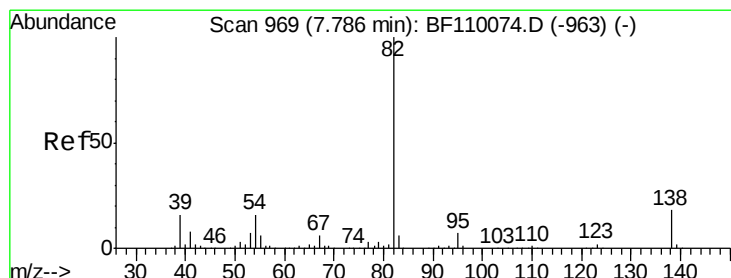
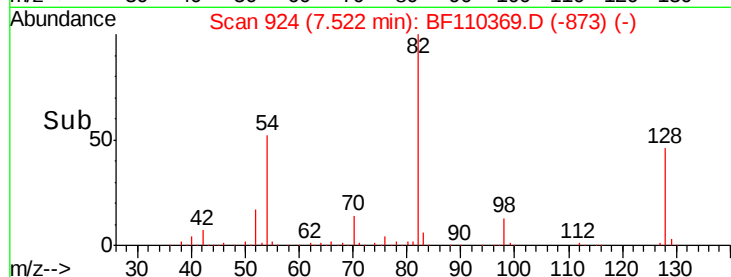
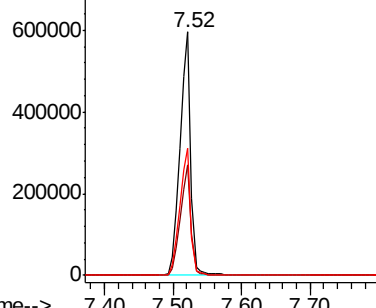
#23
 Nitrobenzene-d5
 Concen: 101.332 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110369.D
 Acq: 1 Nov 2018 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 658310
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.2 51.2
 54 52.0 38.6 58.0

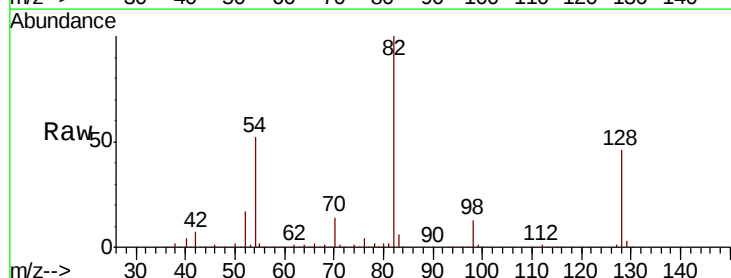


Abundance Ion 82.00 (81.70 to 82.70): BF1
 800000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

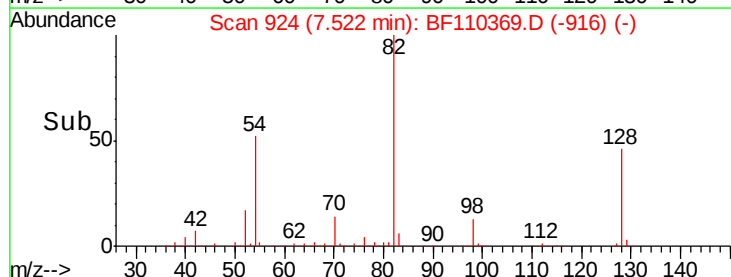
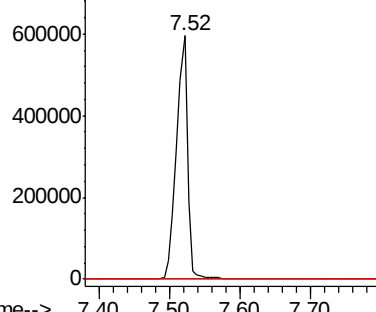


#25
 Isophorone
 Concen: 59.445 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.25 min
 Lab File: BF110369.D
 Acq: 1 Nov 2018 15:28

Tgt Ion: 82 Resp: 658306
 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
 800000 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: BF110369.D

Acq: 1 Nov 2018 15:28

Instrument :

BNA_F

ClientSampleId :

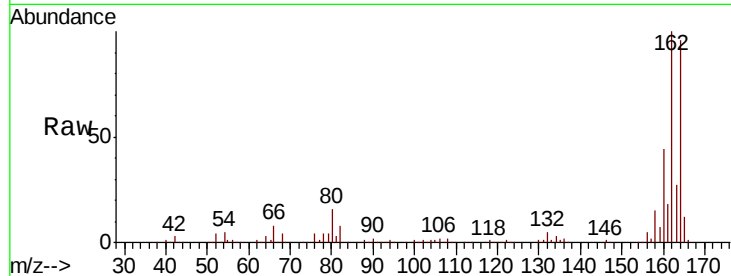
Tot Ion:164 Resp: 184773

Ion Ratio Lower Upper

164 100

162 103.9 83.0 124.6

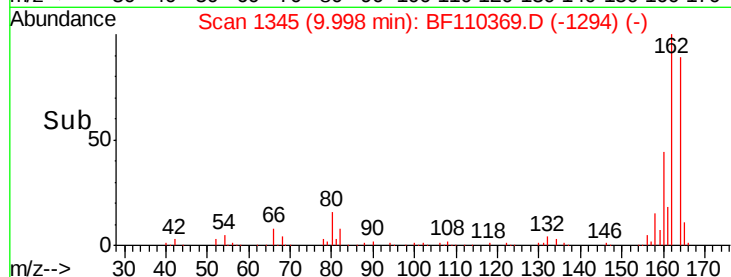
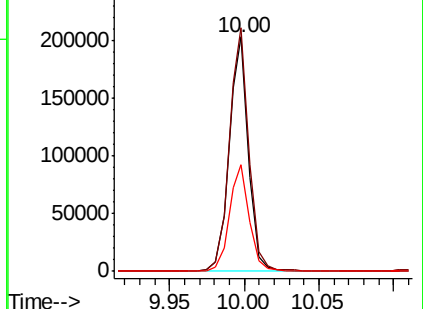
160 45.5 37.0 55.6



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: 139.488 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110369.D

Acq: 1 Nov 2018 15:28

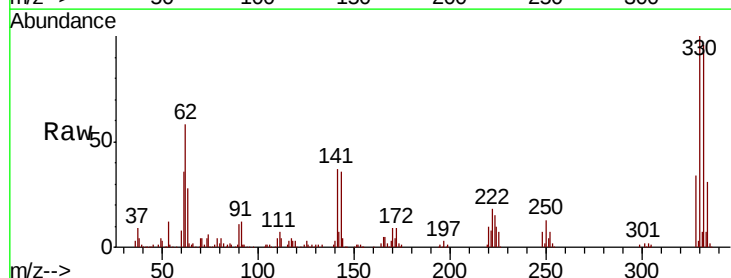
Tgt Ion:330 Resp: 255305

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

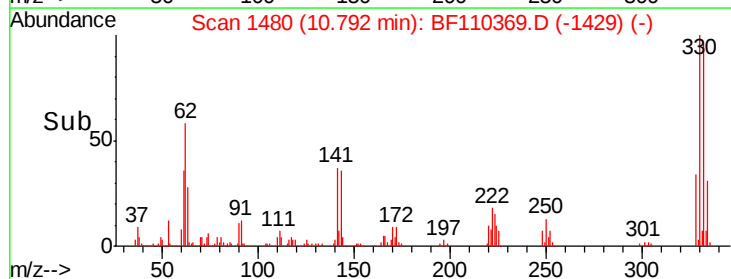
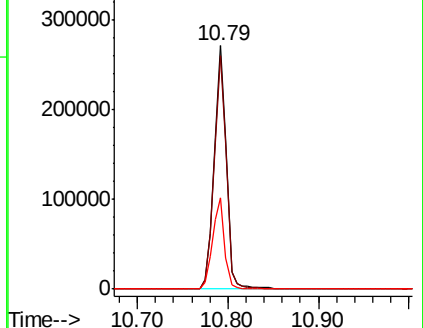
141 37.3 27.0 40.4



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

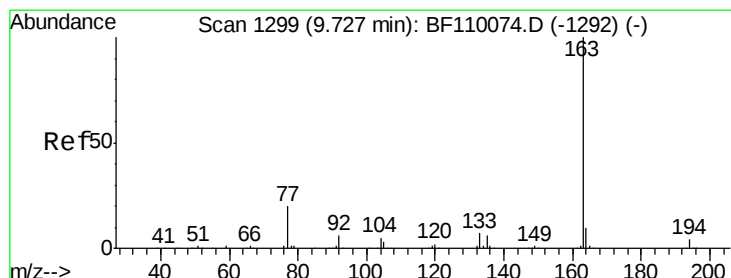
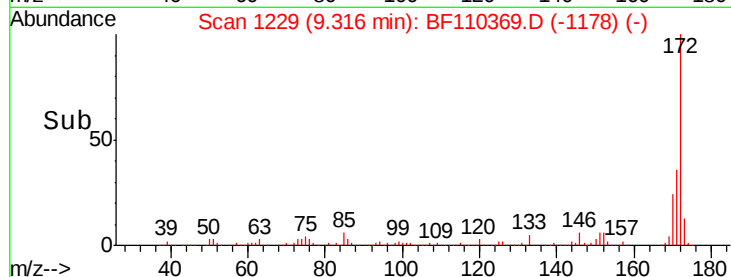
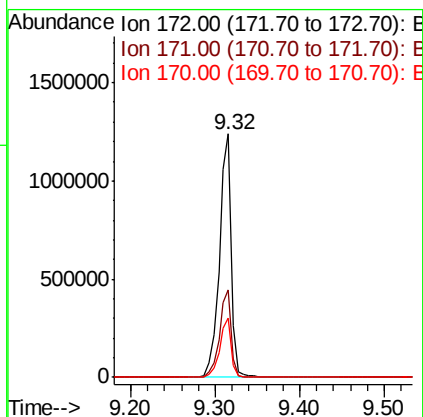
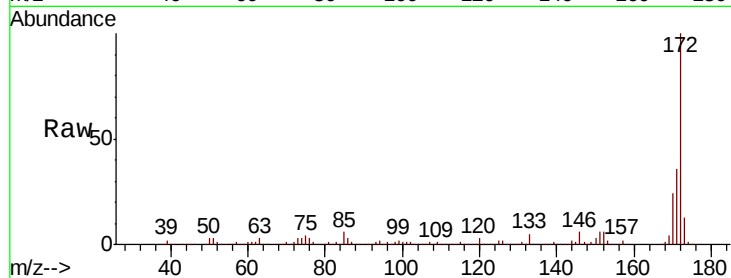




#45
2-Fluorobiphenyl
Concen: 104.504 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110369.D
Acq: 1 Nov 2018 15:28

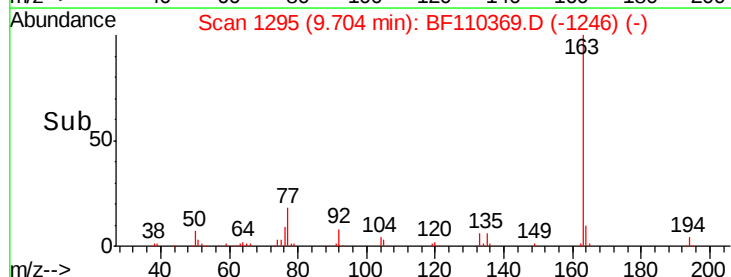
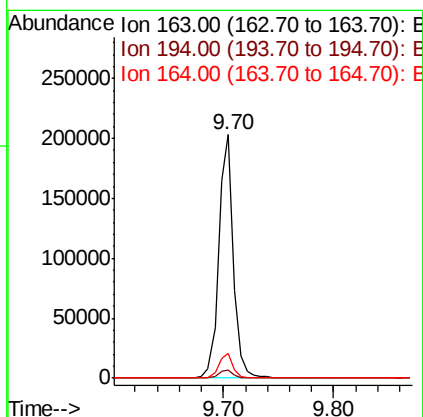
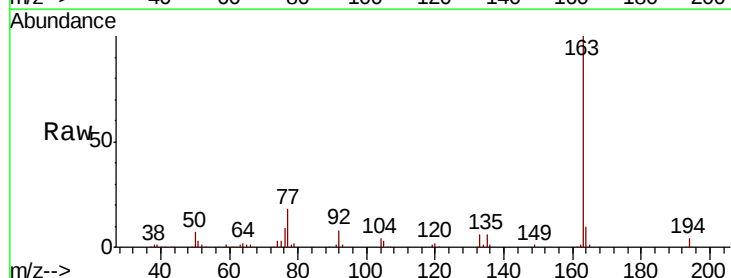
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1229702
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.1 19.7 29.5



#50
Dimethylphthalate
Concen: 13.560 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110369.D
Acq: 1 Nov 2018 15:28

Tgt Ion:163 Resp: 184948
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.9 8.1 12.1

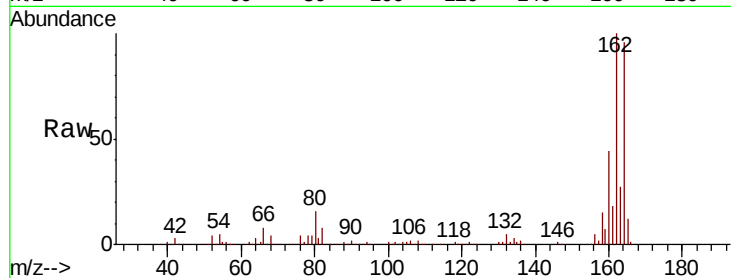




#57
 2,4-Dinitrotoluene
 Concen: 6.302 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110369.D
 Acq: 1 Nov 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



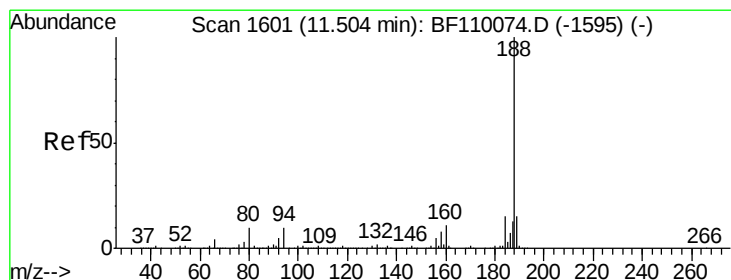
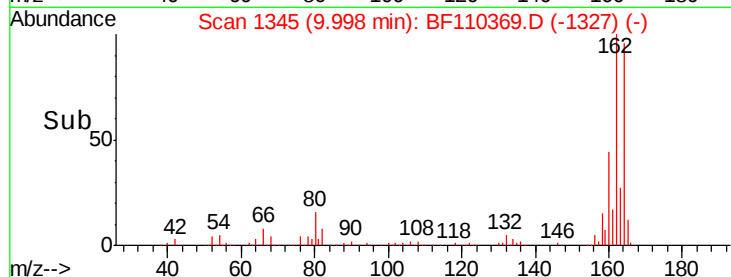
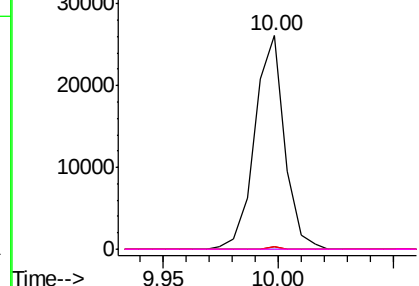
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

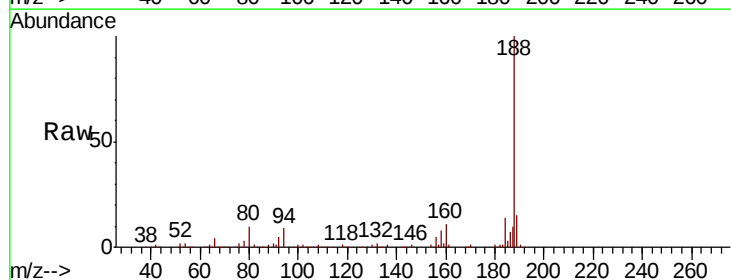
Ion 89.00 (88.70 to 89.70): BF1

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: BF110369.D
 Acq: 1 Nov 2018 15:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.2	7.9	11.9

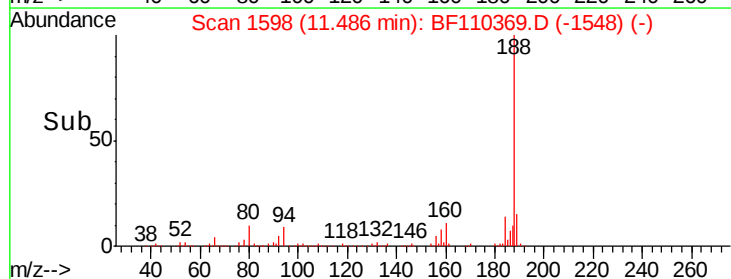
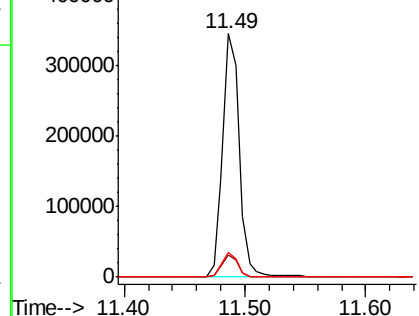


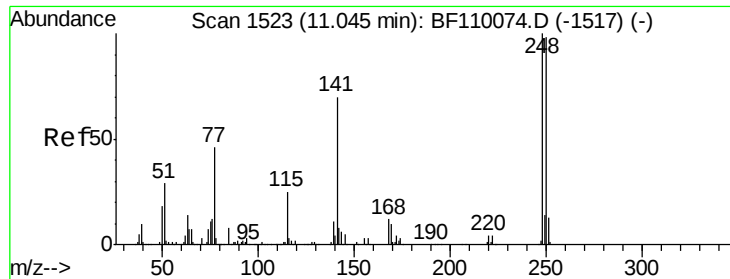
Abundance

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

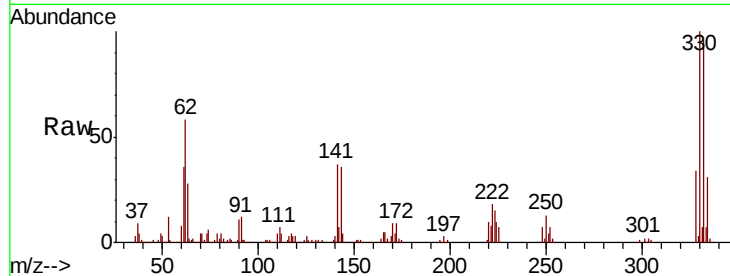




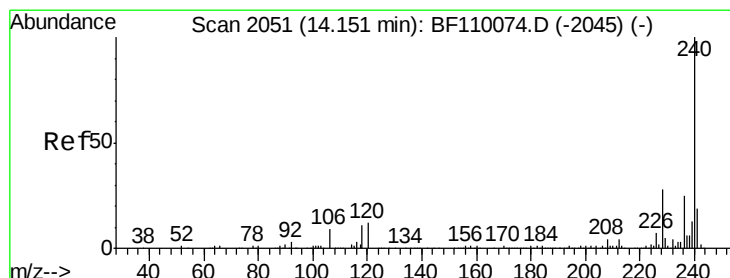
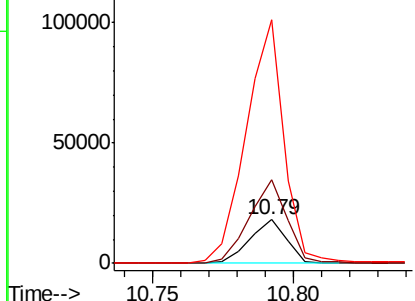
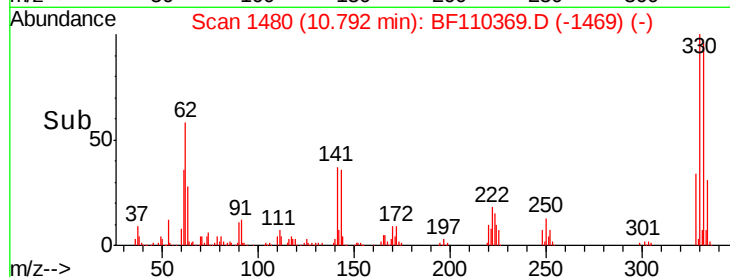
#67
4-Bromophenyl-phenylether
Concen: 4.614 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF110369.D
Acq: 1 Nov 2018 15:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16414
Ion Ratio Lower Upper
248 100
250 192.5 79.4 119.2#
141 559.5 55.9 83.9#

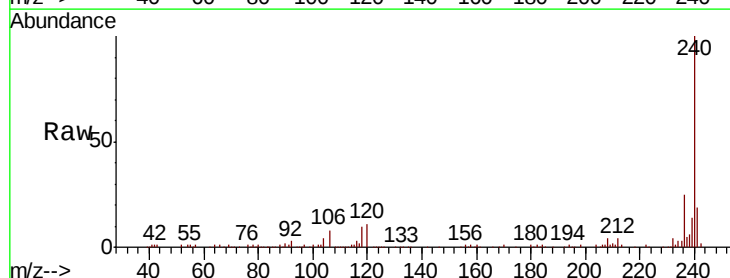


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

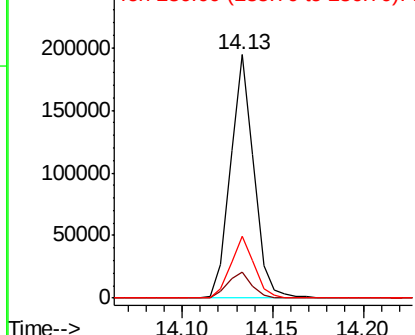
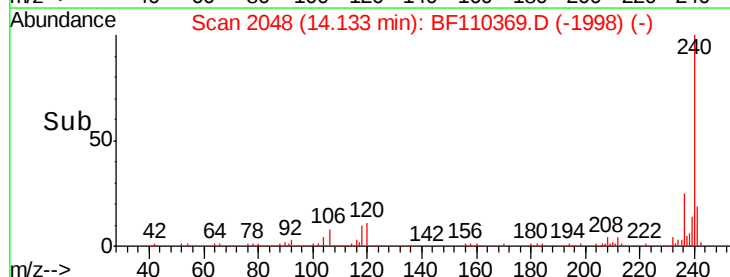


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110369.D
Acq: 1 Nov 2018 15:28

Tgt Ion:240 Resp: 174328
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: 110.951 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110369.D

Acq: 1 Nov 2018 15:28

Instrument :

BNA_F

ClientSampled :

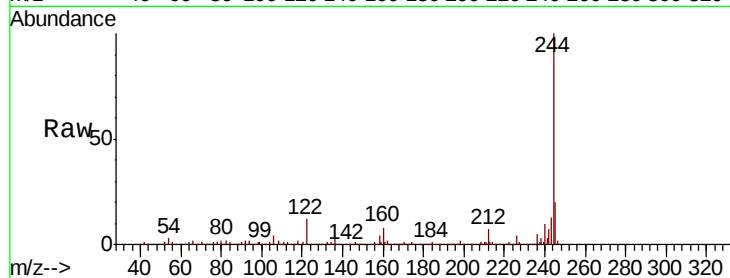
Tot Ion:244 Resp: 930028

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

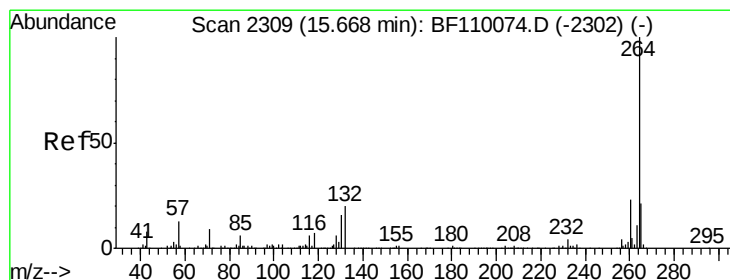
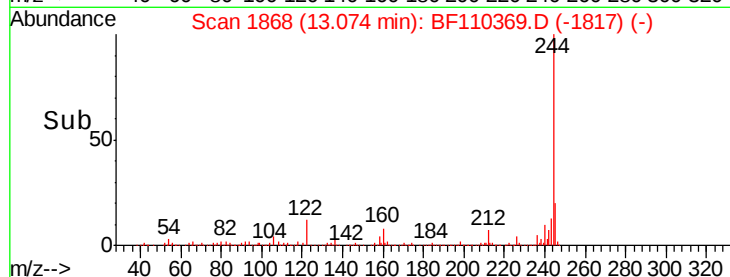
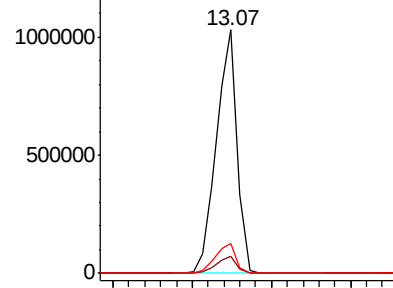
122 12.2 8.7 13.1



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: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110369.D

Acq: 1 Nov 2018 15:28

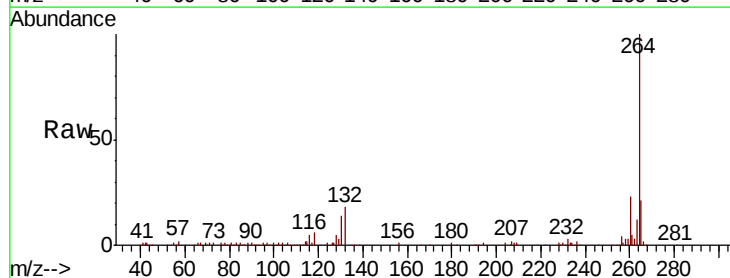
Tgt Ion:264 Resp: 179285

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.8 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

