

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110169.D
 Acq On : 25 Oct 2018 19:17
 Operator : JU/SJ
 Sample : J5642-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 04:16:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	166752	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	671625	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	298865	20.00	ng	-0.02
64) Phenanthrene-d10	11.51	188	471285	20.00	ng	0.00
76) Chrysene-d12	14.14	240	305736	20.00	ng	-0.02
87) Perylene-d12	15.67	264	290763	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1277151	124.72	ng	0.00
7) Phenol-d6	6.59	99	1647664	125.80	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1048729	92.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.81	330	348454	117.70	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1792775	94.19	ng	-0.01
79) Terphenyl-d14	13.09	244	1364599	92.82	ng	-0.01

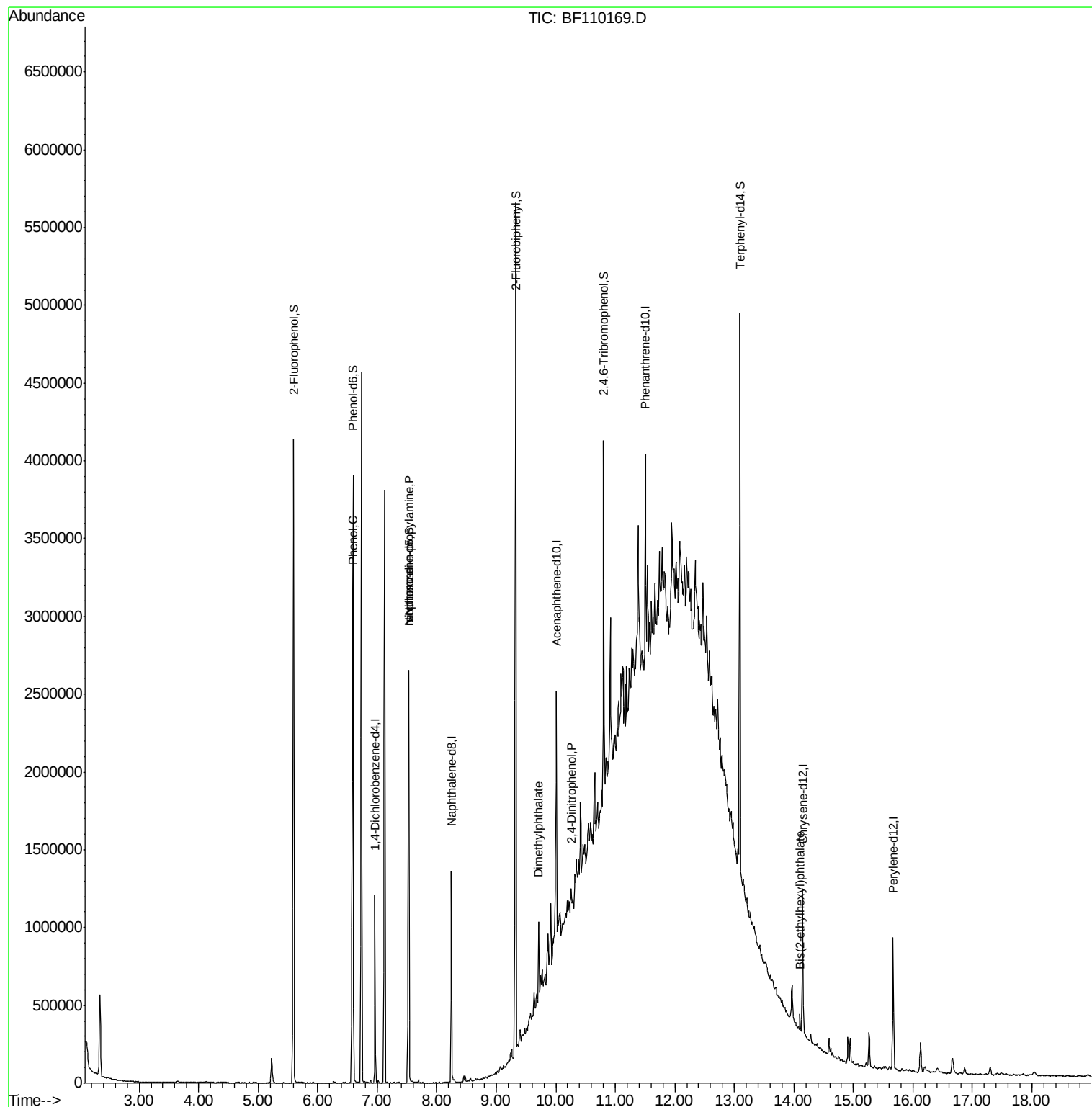
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	2941	Below Cal		# 1
10) Phenol	6.60	94	71564	5.112	ng	# 62
19) n-Nitroso-di-n-propylamine	7.53	70	140390	16.708	ng	# 78
25) Isophorone	7.53	82	1048723	54.333	ng	# 67
50) Dimethylphthalate	9.72	163	96685	4.383	ng	# 96
54) 2,4-Dinitrophenol	10.27	184	319	5.333	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.10	149	29674	2.307	ng	95

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

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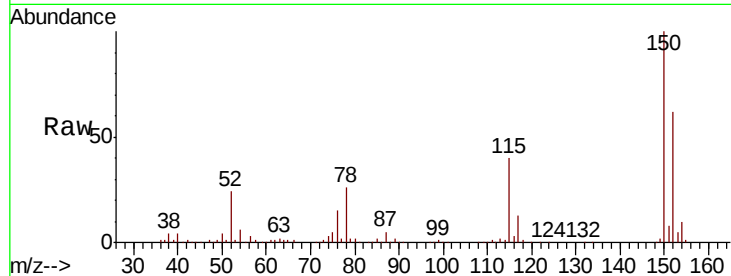


#1

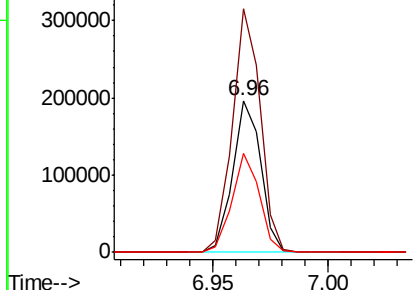
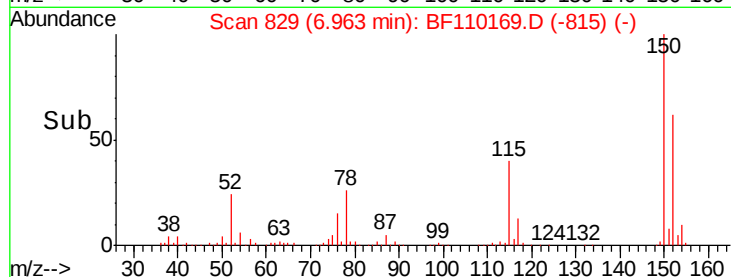
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110169.D
Acq: 25 Oct 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166752
Ion Ratio Lower Upper
152 100
150 160.5 122.7 184.1
115 65.0 49.1 73.7



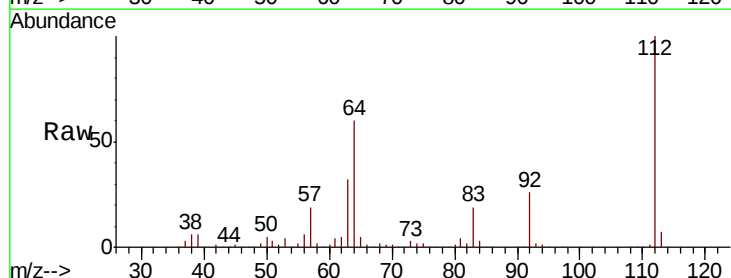
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



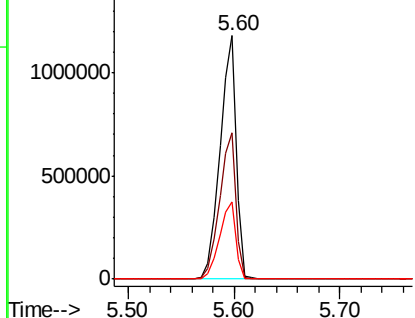
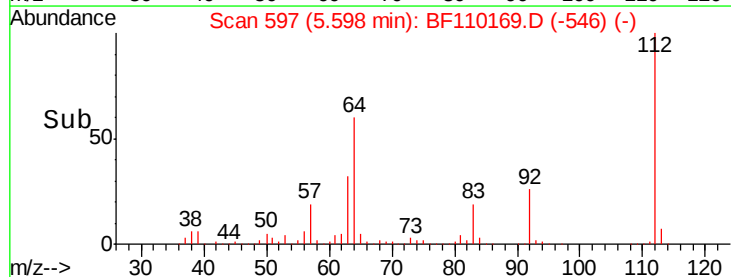
#5

2-Fluorophenol
Concen: 124.723 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF110169.D
Acq: 25 Oct 2018 19:17

Tgt Ion:112 Resp: 1277151
Ion Ratio Lower Upper
112 100
64 59.9 44.1 66.1
63 31.9 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: 125.799 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110169.D

Acq: 25 Oct 2018 19:17

Instrument :

BNA_F

ClientSampleId :

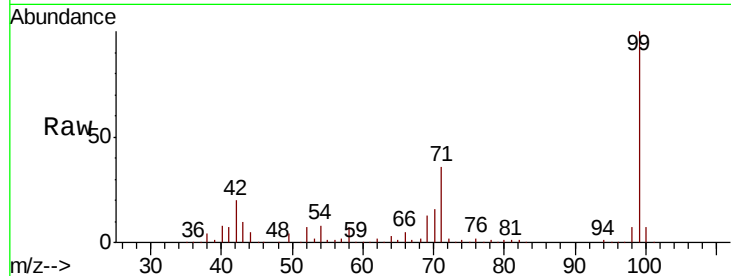
Tot Ion: 99 Resp: 1647664

Ion Ratio Lower Upper

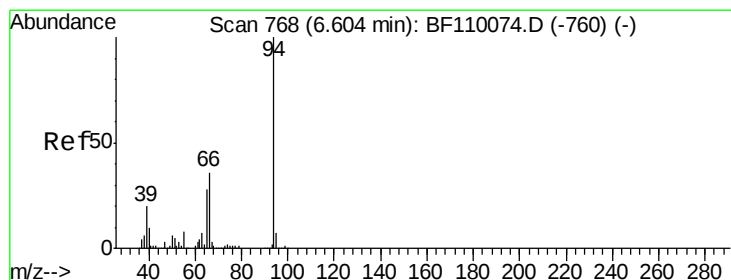
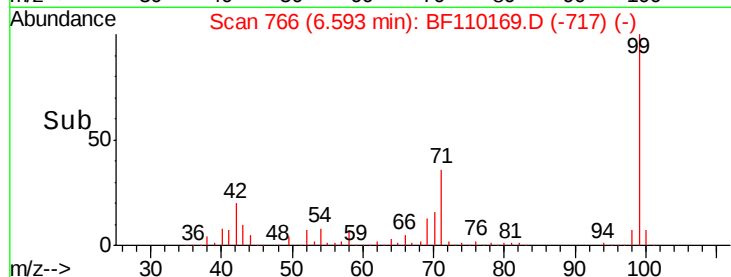
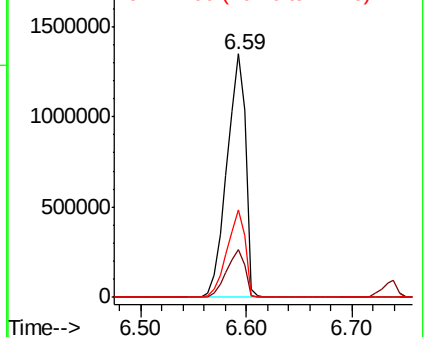
99 100

42 19.6 15.8 23.6

71 36.0 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: 5.112 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110169.D

Acq: 25 Oct 2018 19:17

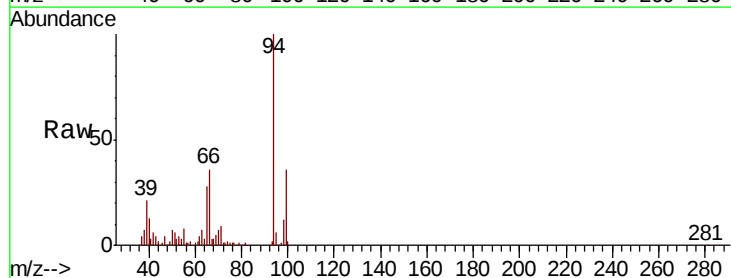
Tgt Ion: 94 Resp: 71564

Ion Ratio Lower Upper

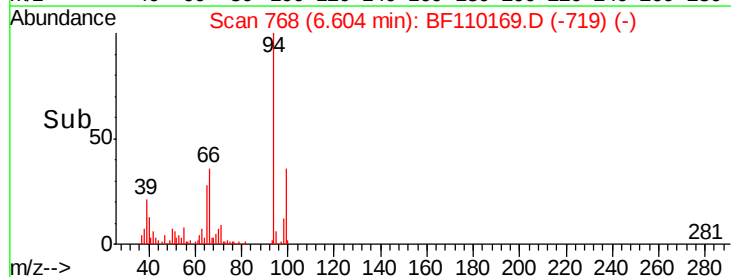
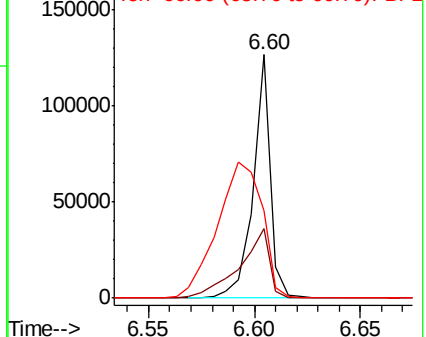
94 100

65 28.3 25.3 65.3

66 36.0 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

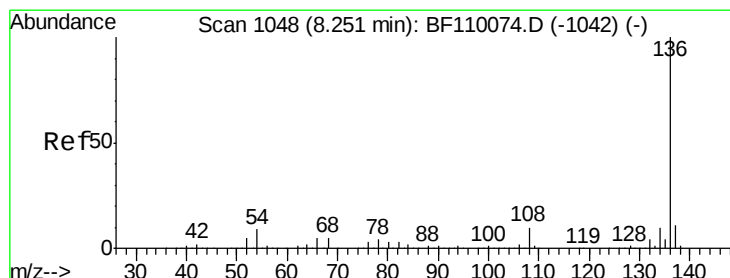
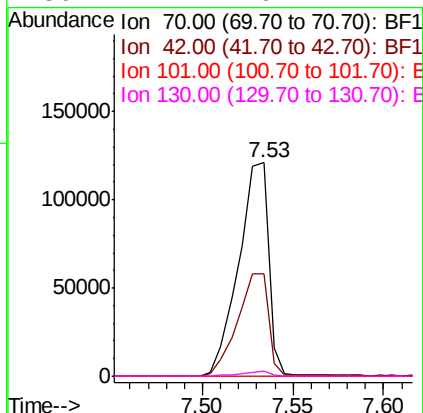
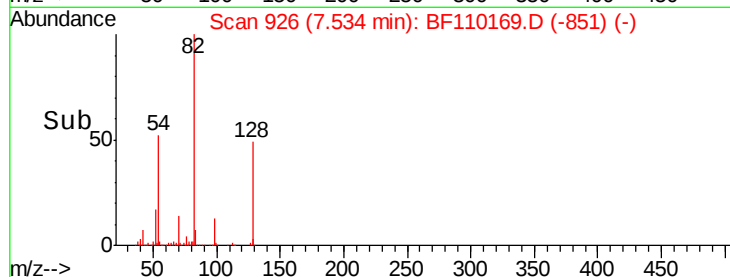
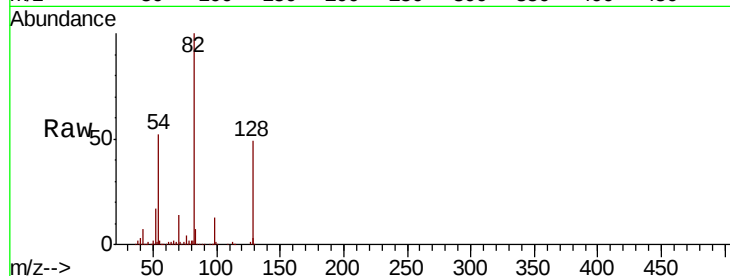




#19
n-Nitroso-di-n-propylamine
Concen: 16.708 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110169.D
Acq: 25 Oct 2018 19:17

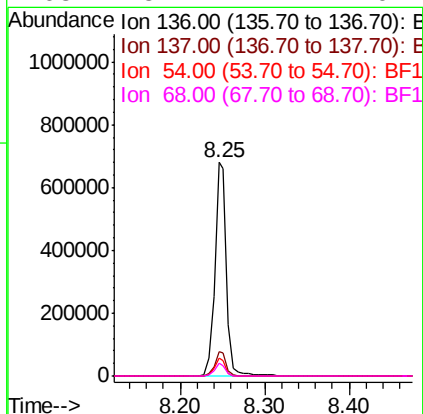
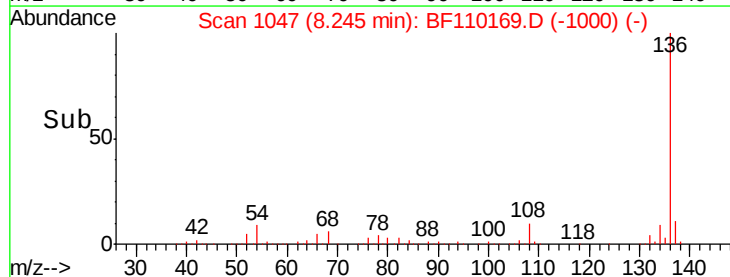
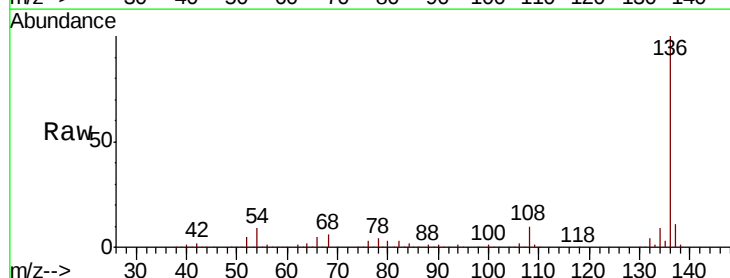
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 140390
Ion Ratio Lower Upper
70 100
42 47.8 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: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110169.D
Acq: 25 Oct 2018 19:17

Tgt Ion: 136 Resp: 671625
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.7 5.4 8.2#
68 5.7 4.2 6.2

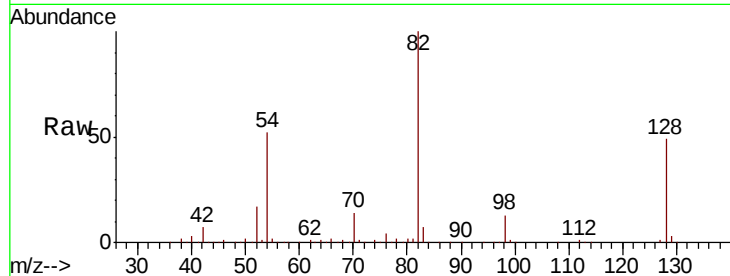




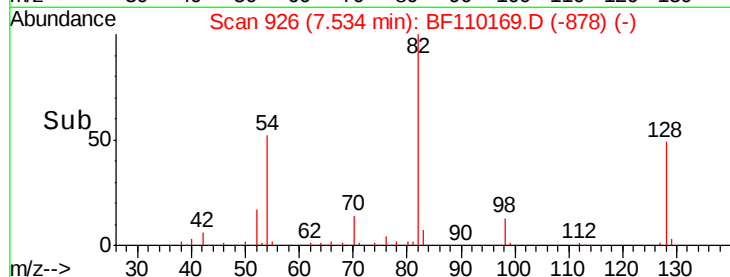
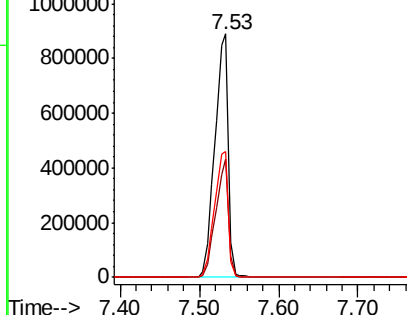
#23
 Nitrobenzene-d5
 Concen: 92.616 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110169.D
 Acq: 25 Oct 2018 19:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1048729
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.2 51.2
 54 51.6 38.6 58.0

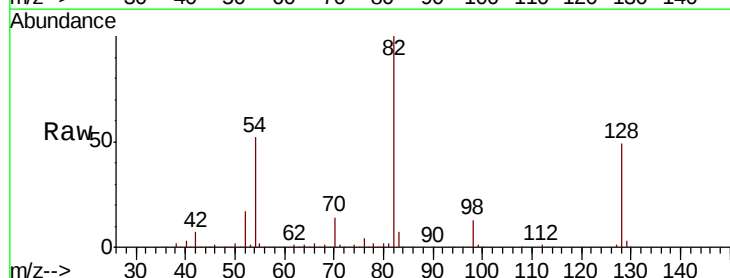


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

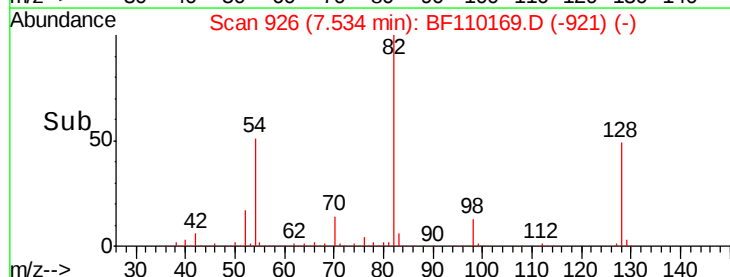
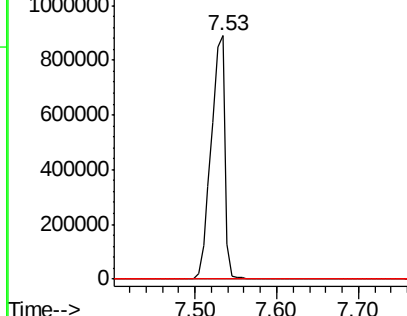


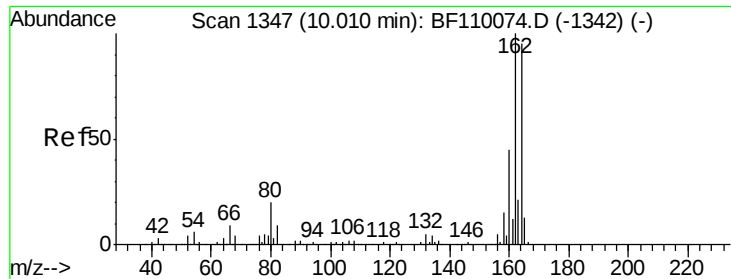
#25
 Isophorone
 Concen: 54.333 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF110169.D
 Acq: 25 Oct 2018 19:17

Tgt Ion: 82 Resp: 1048723
 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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110169.D

Acq: 25 Oct 2018 19:17

Instrument :

BNA_F

ClientSampleId :

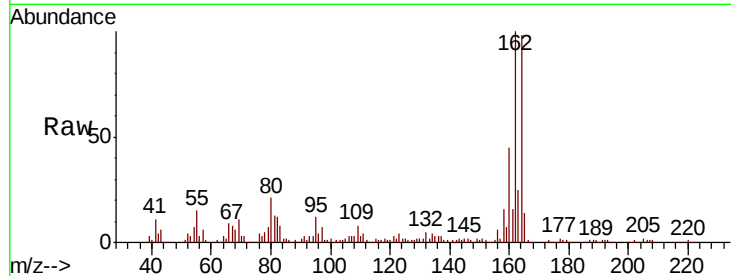
Tot Ion:164 Resp: 298865

Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.6

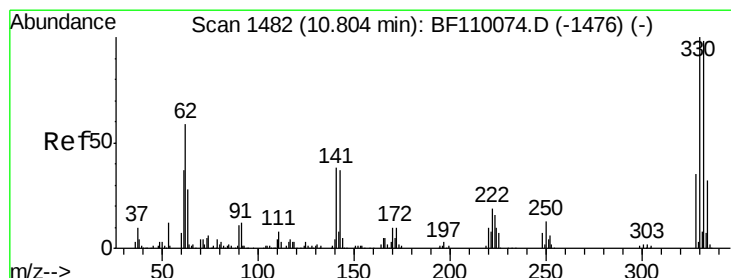
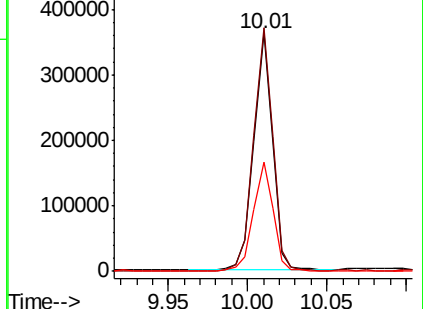
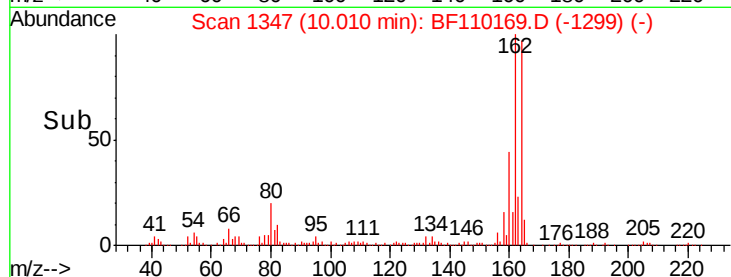
160 45.7 37.0 55.6



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: 117.703 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110169.D

Acq: 25 Oct 2018 19:17

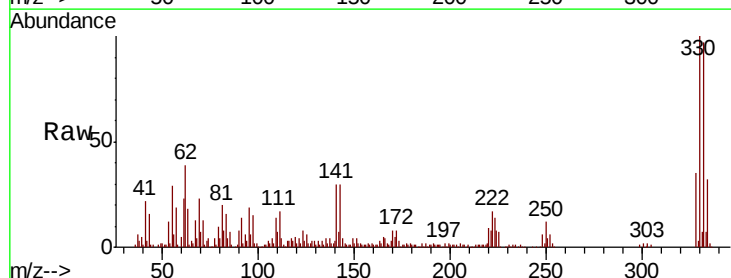
Tgt Ion:330 Resp: 348454

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

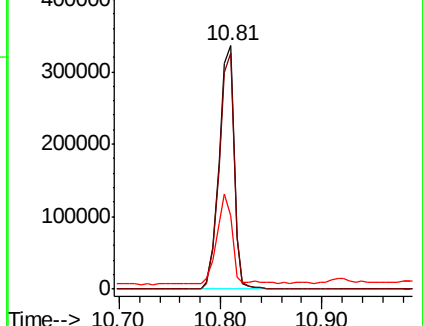
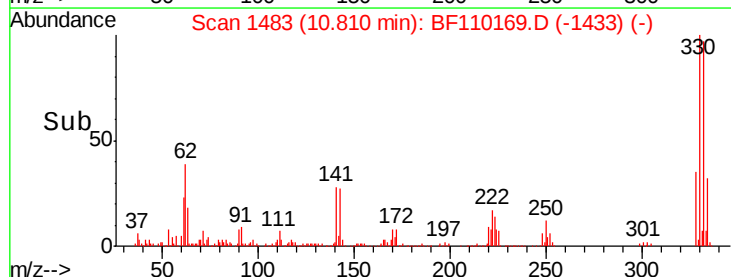
141 37.4 27.0 40.4

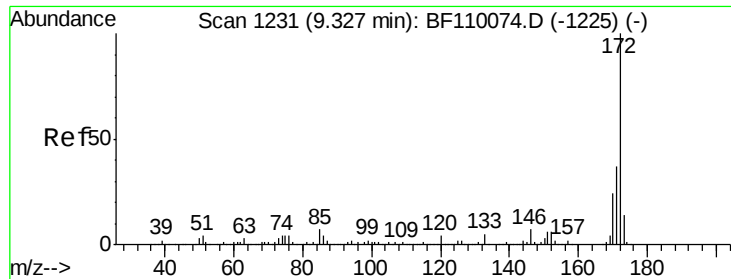


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

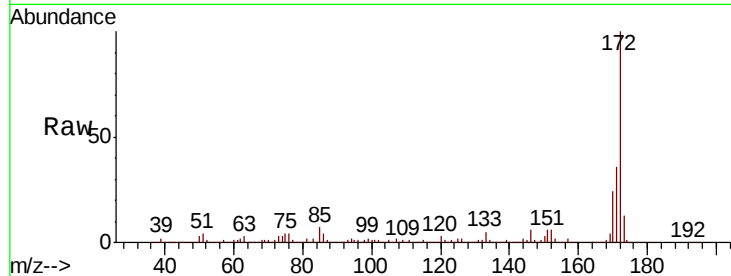




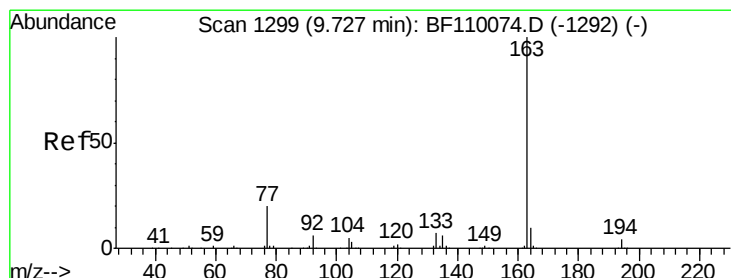
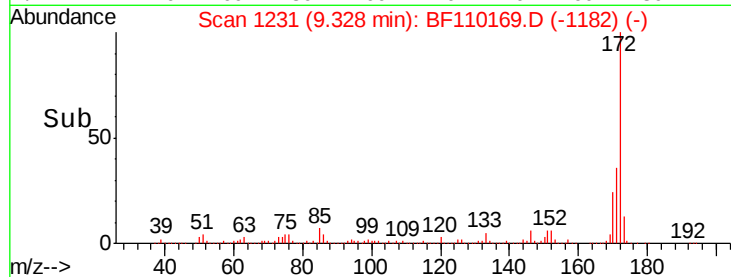
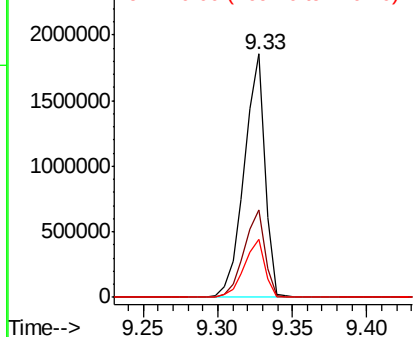
#45
2-Fluorobiphenyl
Concen: 94.194 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110169.D
Acq: 25 Oct 2018 19:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1792775
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.0 19.7 29.5

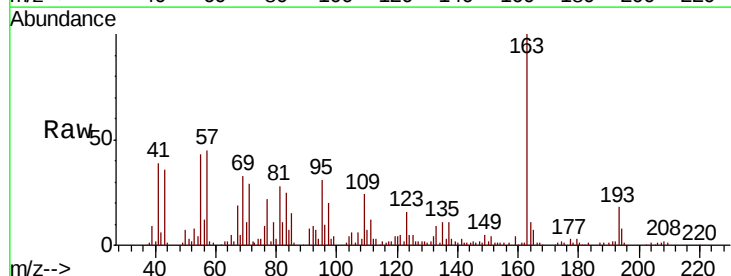


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

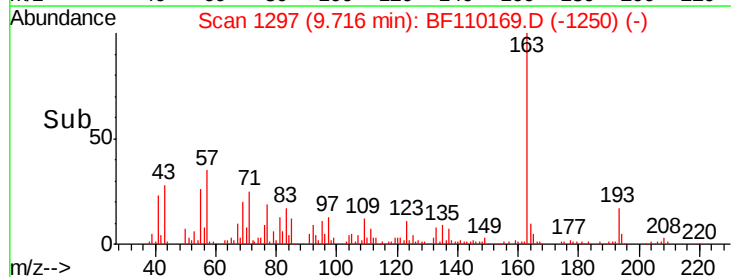
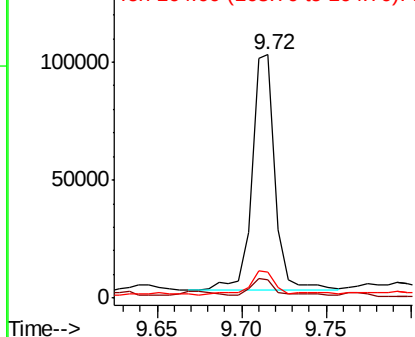


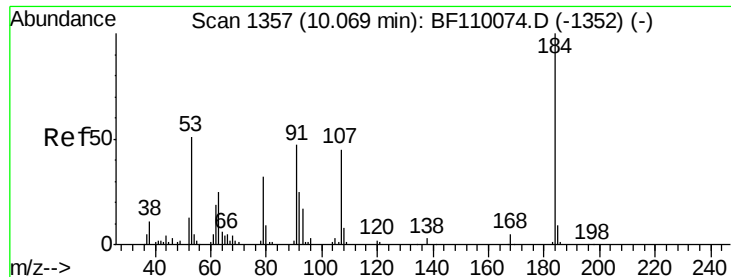
#50
Dimethylphthalate
Concen: 4.383 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110169.D
Acq: 25 Oct 2018 19:17

Tgt Ion:163 Resp: 96685
Ion Ratio Lower Upper
163 100
194 7.5 3.2 4.8#
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

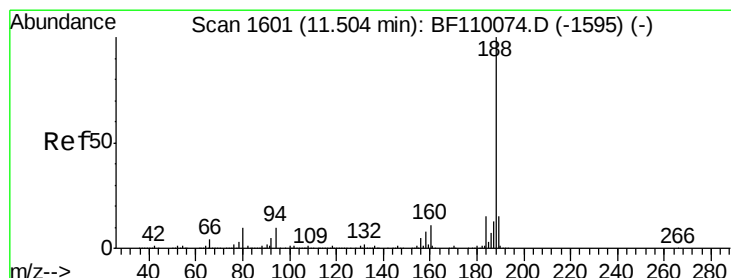
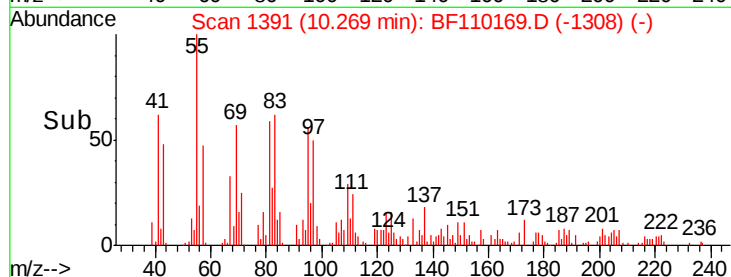
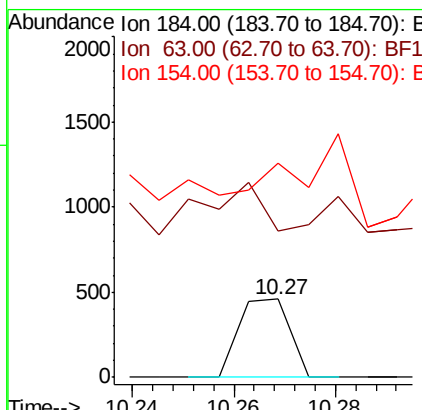
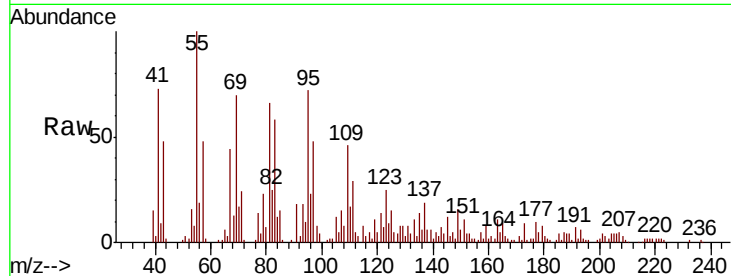




#54
 2,4-Dinitrophenol
 Concen: 5.333 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.19 min
 Lab File: BF110169.D
 Acq: 25 Oct 2018 19:17

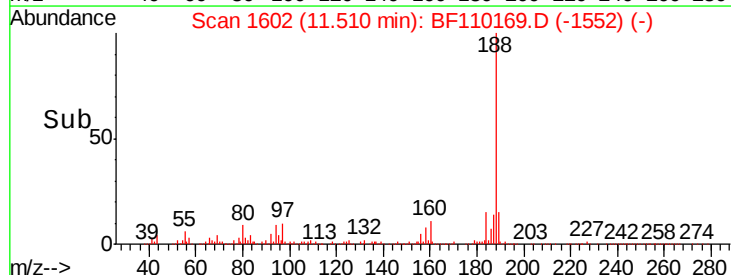
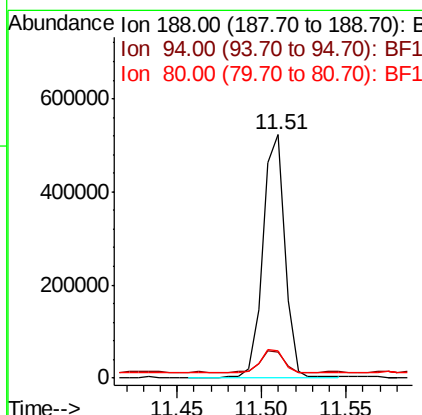
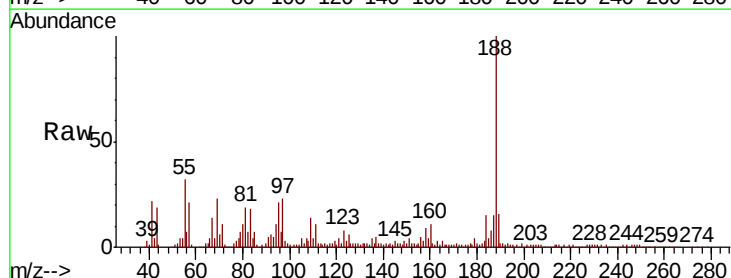
Instrument :
 BNA_F
 ClientSampleId :

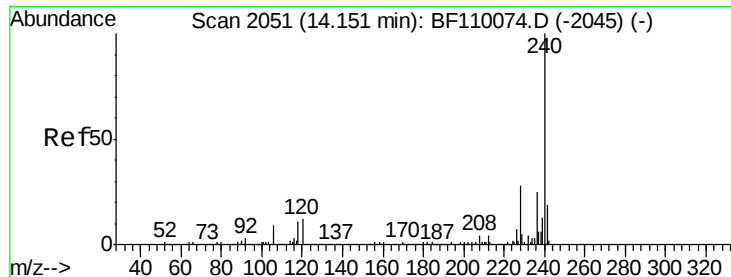
Tot Ion:184 Resp: 319
 Ion Ratio Lower Upper
 184 100
 63 187.4 55.8 83.6#
 154 274.5 63.2 94.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF110169.D
 Acq: 25 Oct 2018 19:17

Tgt Ion:188 Resp: 471285
 Ion Ratio Lower Upper
 188 100
 94 11.0 7.2 10.8#
 80 11.3 7.9 11.9

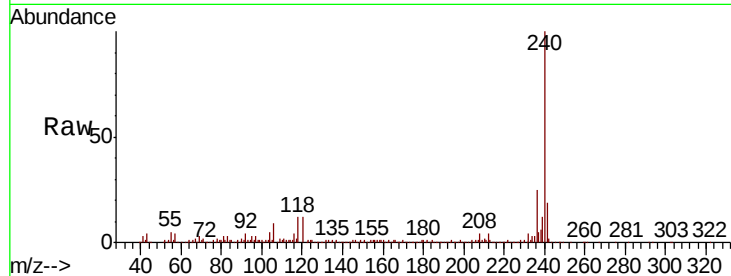




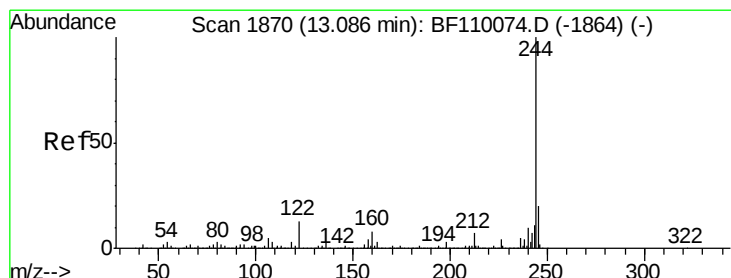
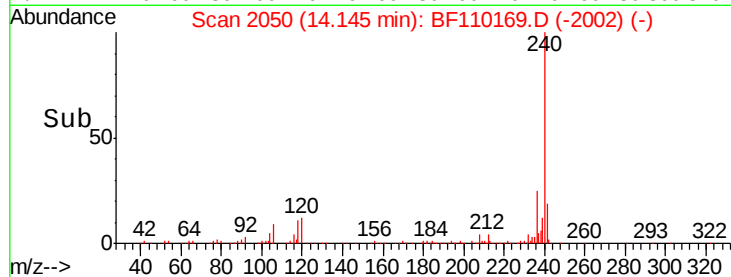
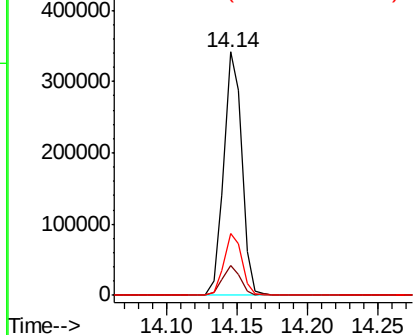
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110169.D
Acq: 25 Oct 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 305736
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 25.2 21.2 31.8

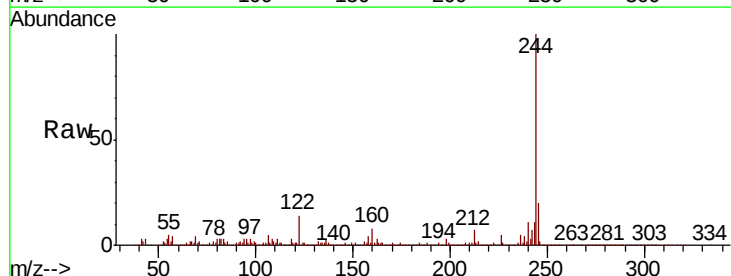


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

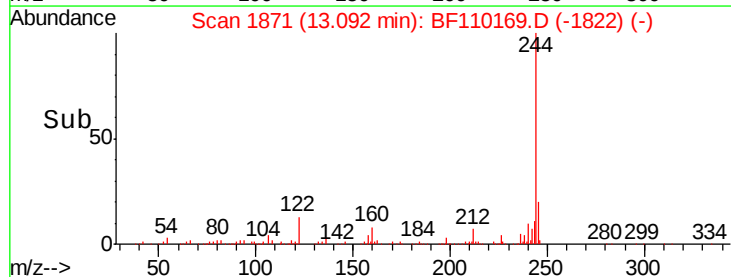
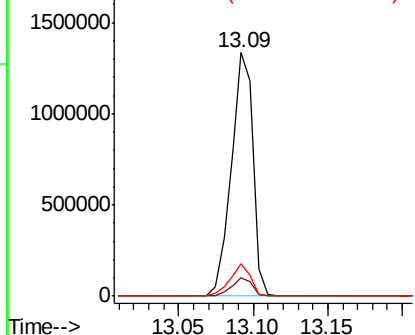


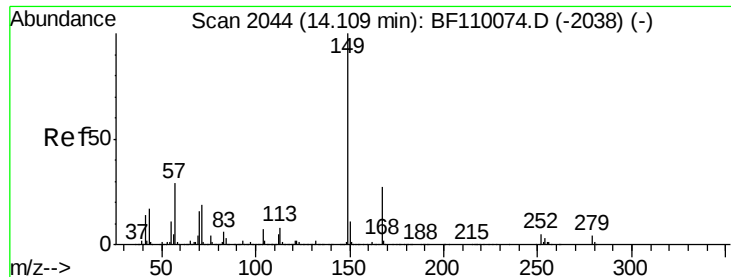
#79
Terphenyl-d14
Concen: 92.824 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110169.D
Acq: 25 Oct 2018 19:17

Tgt Ion:244 Resp: 1364599
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 13.5 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





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.307 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110169.D

Acq: 25 Oct 2018 19:17

Instrument :

BNA_F

ClientSampleId :

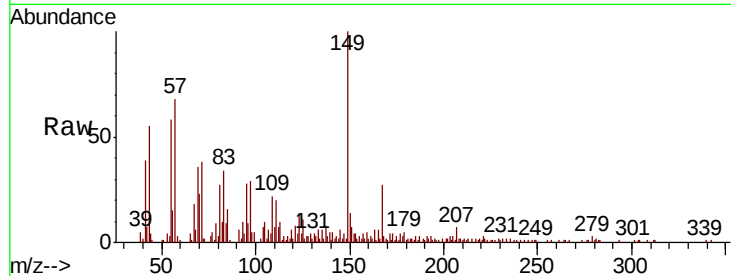
Tot Ion:149 Resp: 29674

Ion Ratio Lower Upper

149 100

167 27.3 19.8 29.8

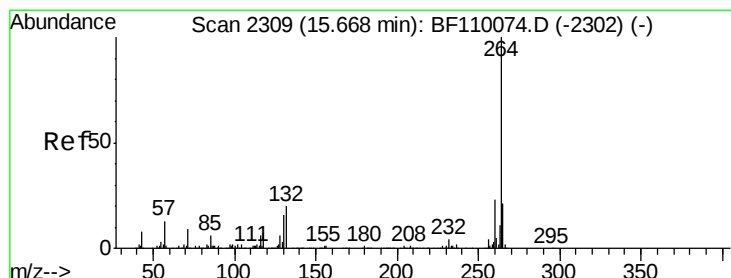
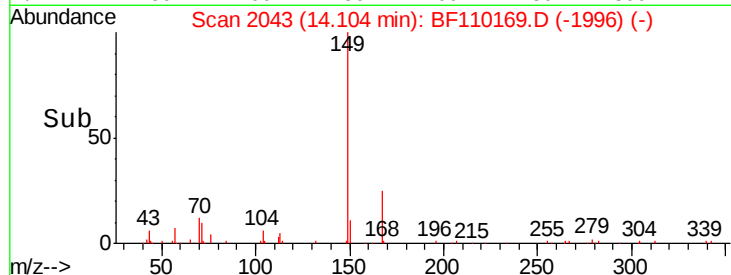
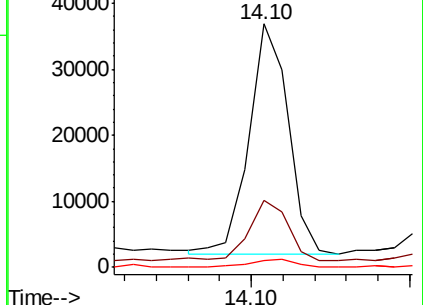
279 3.1 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110169.D

Acq: 25 Oct 2018 19:17

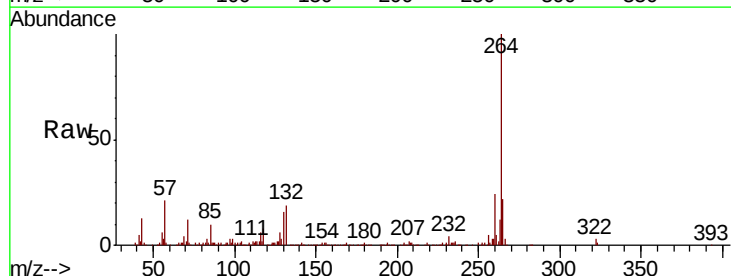
Tgt Ion:264 Resp: 290763

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.0 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

