

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110272.D
 Acq On : 29 Oct 2018 19:57
 Operator : JU/SJ
 Sample : J5691-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 08:04:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107994	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	444549	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	200281	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	316584	20.00	ng	0.00
76) Chrysene-d12	14.15	240	201877	20.00	ng	0.00
87) Perylene-d12	15.69	264	173331	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	771152	116.28	ng	0.01
7) Phenol-d6	6.59	99	991685	116.91	ng	0.00
23) Nitrobenzene-d5	7.53	82	615860	82.17	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	189494	95.52	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1090766	85.52	ng	0.00
79) Terphenyl-d14	13.09	244	712323	73.38	ng	0.00

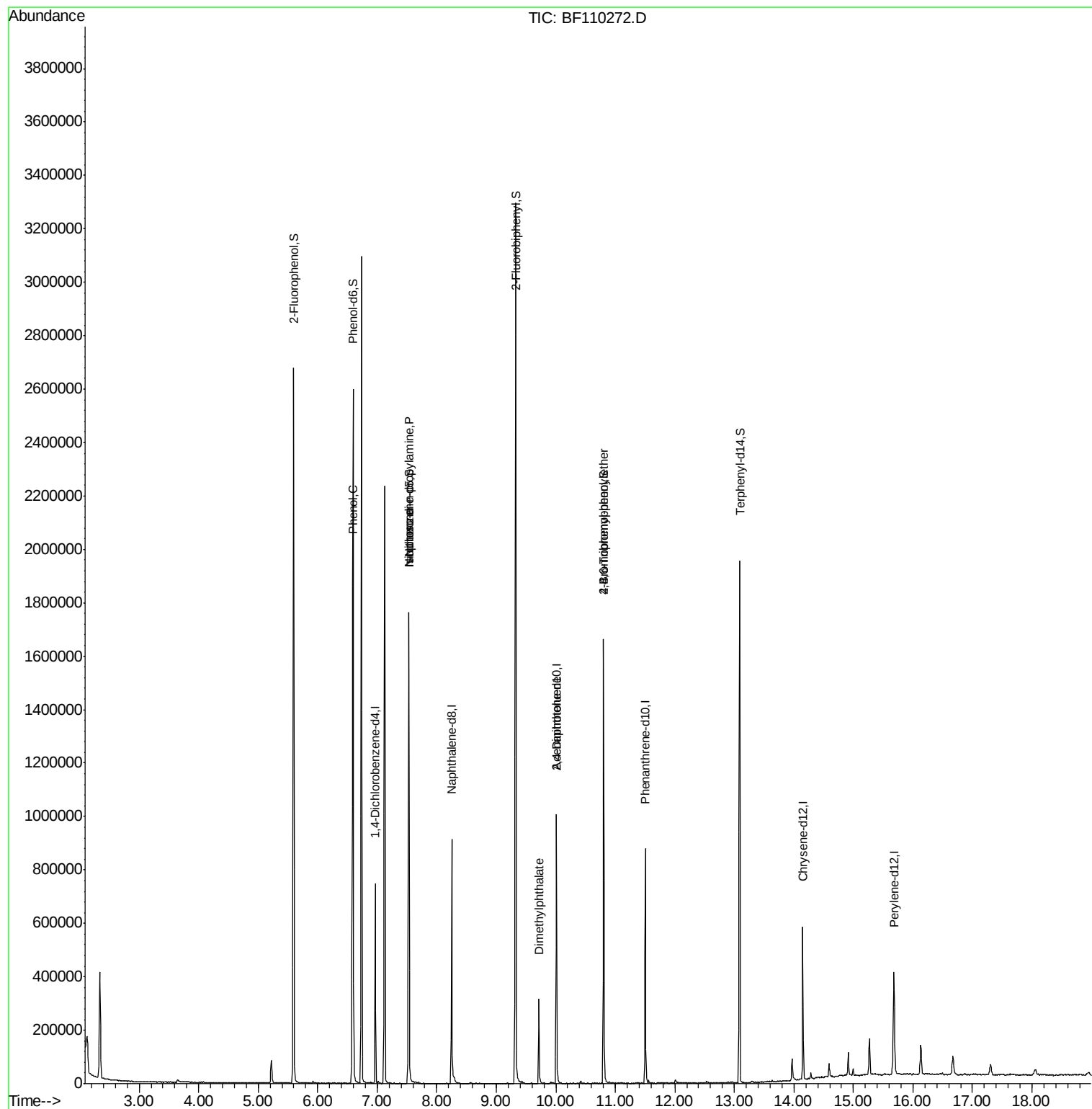
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	1865	Below Cal	#	1
10) Phenol	6.60	94	51551	5.685	ng	# 64
19) n-Nitroso-di-n-propylamine	7.53	70	82247	15.114	ng	# 80
25) Isophorone	7.53	82	615855	48.204	ng	# 67
50) Dimethylphthalate	9.72	163	139048	9.405	ng	99
57) 2,4-Dinitrotoluene	10.01	165	24826	6.137	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	12489	3.637	ng	# 1

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

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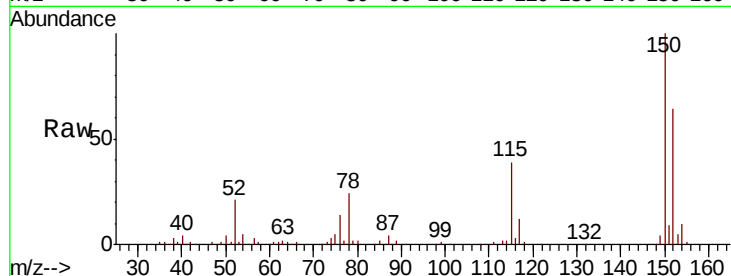


#1

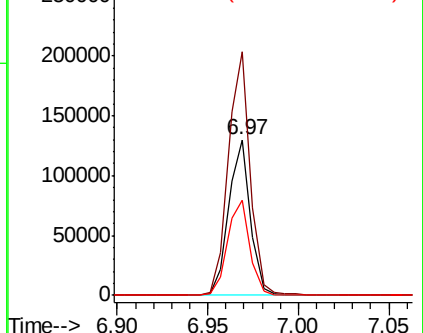
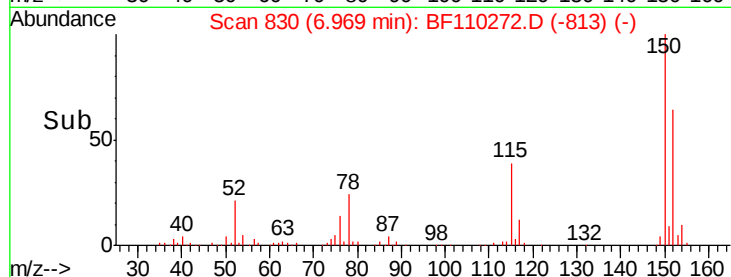
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110272.D
Acq: 29 Oct 2018 19:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107994
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 61.2 49.1 73.7



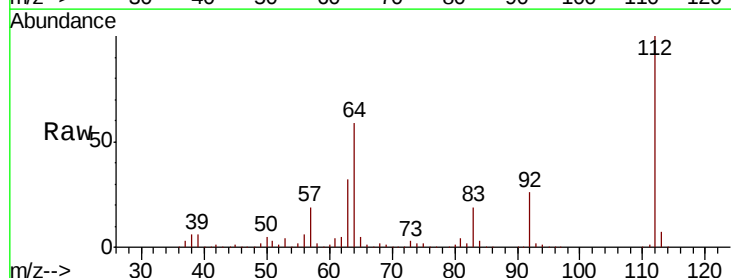
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



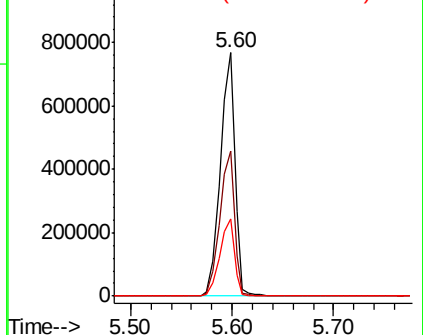
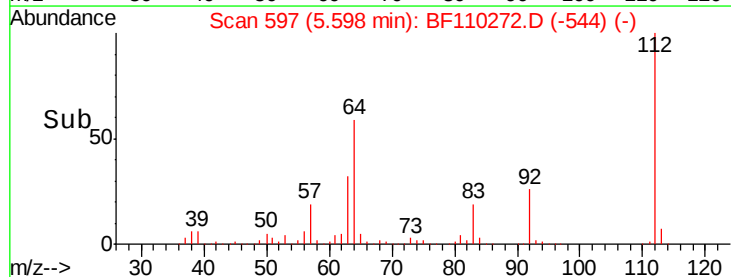
#5

2-Fluorophenol
Concen: 116.283 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110272.D
Acq: 29 Oct 2018 19:57

Tgt Ion:112 Resp: 771152
Ion Ratio Lower Upper
112 100
64 59.4 44.1 66.1
63 31.8 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: 116.910 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

Instrument :

BNA_F

ClientSampled :

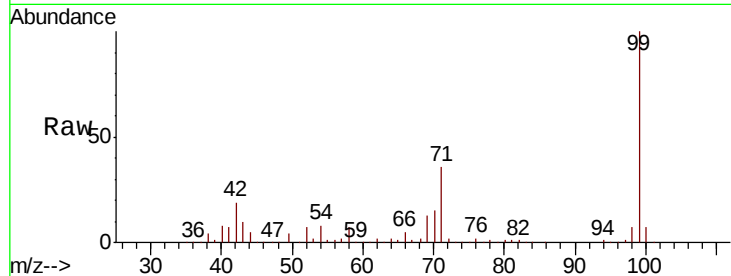
Tot Ion: 99 Resp: 991685

Ion Ratio Lower Upper

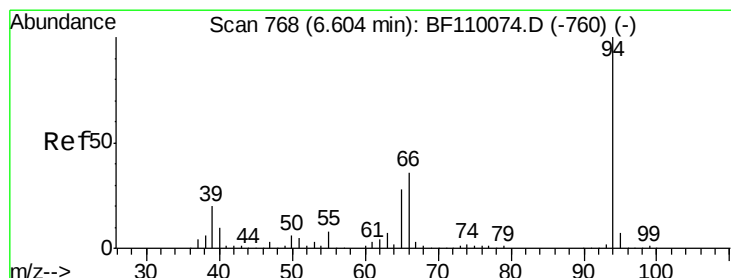
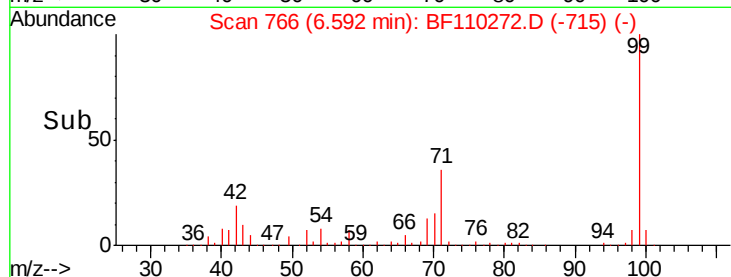
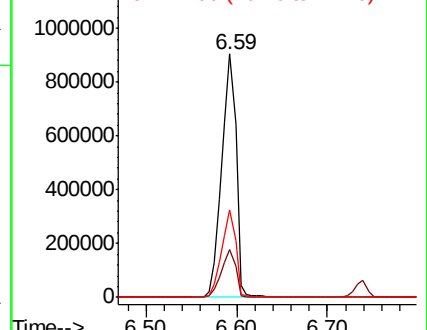
99 100

42 19.4 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



#10

Phenol

Concen: 5.685 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

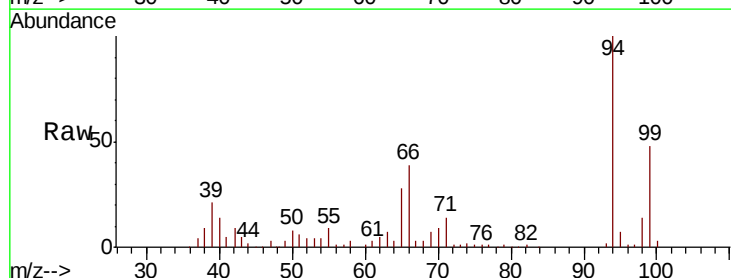
Tgt Ion: 94 Resp: 51551

Ion Ratio Lower Upper

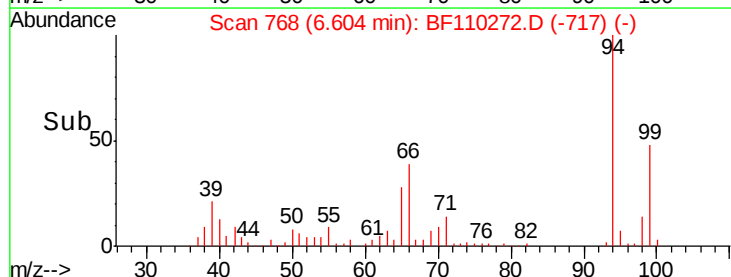
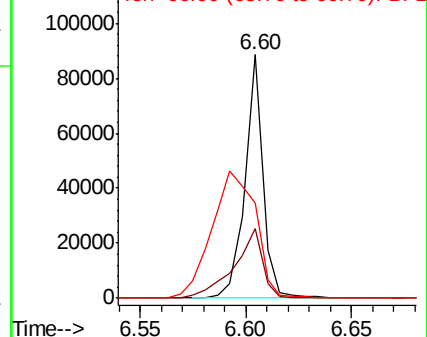
94 100

65 28.4 25.3 65.3

66 39.0 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

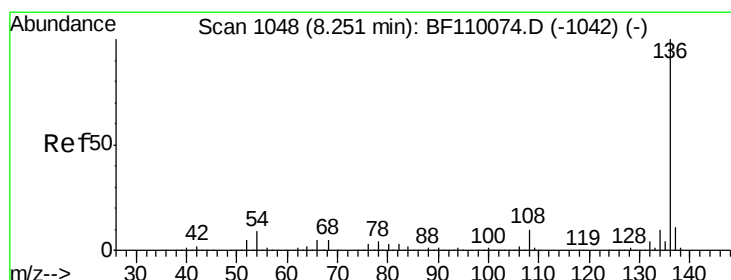
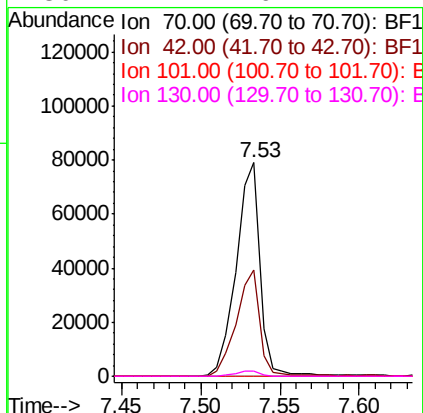
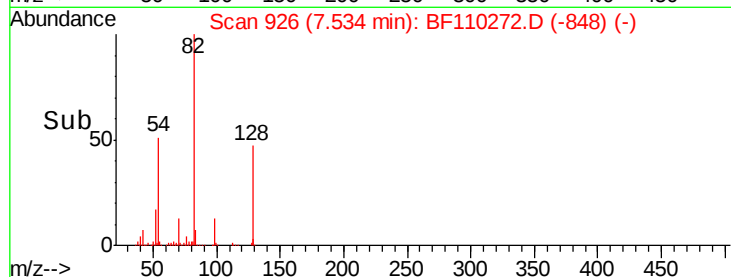
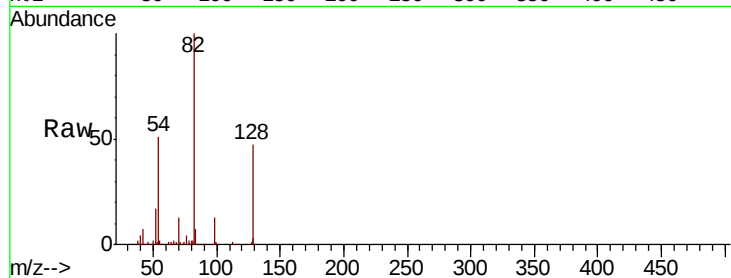




#19
n-Nitroso-di-n-propylamine
Concen: 15.114 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110272.D
Acq: 29 Oct 2018 19:57

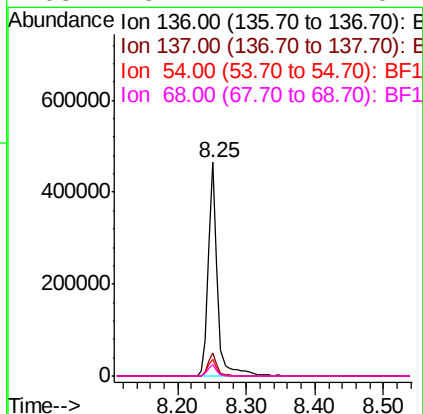
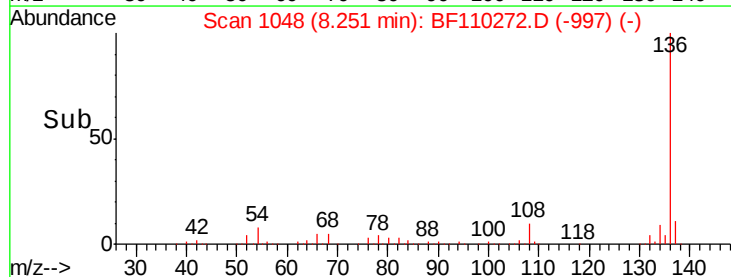
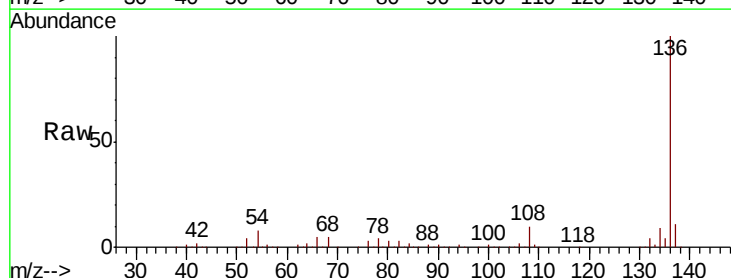
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 82247
Ion Ratio Lower Upper
70 100
42 49.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110272.D
Acq: 29 Oct 2018 19:57

Tgt Ion: 136 Resp: 444549
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 5.4 8.2
68 5.1 4.2 6.2

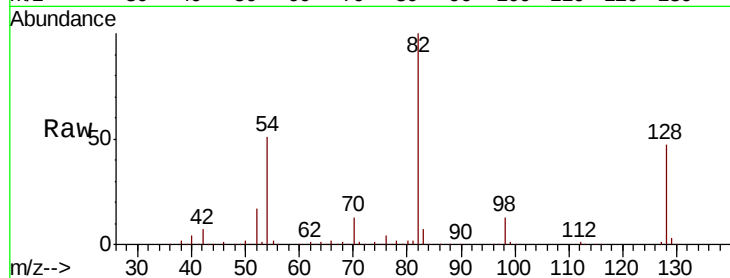




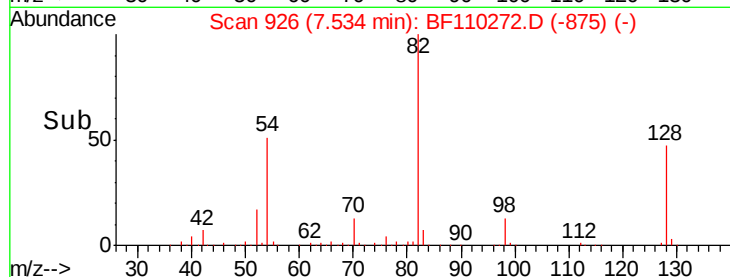
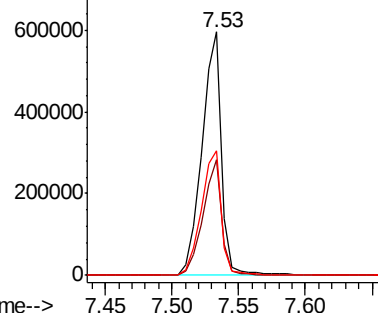
#23
Nitrobenzene-d5
Concen: 82.170 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110272.D
Acq: 29 Oct 2018 19:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	615860
Ion Ratio	100	Lower	Upper
128	47.3	34.2	51.2
54	51.1	38.6	58.0

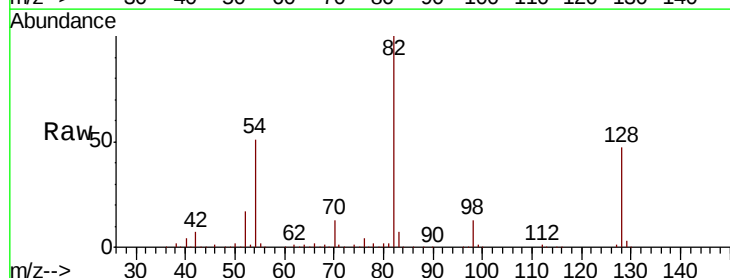


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

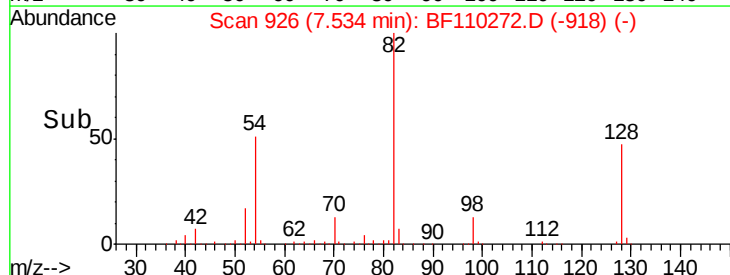
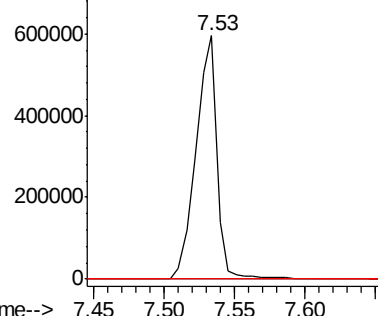


#25
Isophorone
Concen: 48.204 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110272.D
Acq: 29 Oct 2018 19:57

Tgt Ion	82	Resp	615855
Ion Ratio	100	Lower	Upper
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. -0.01 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

Instrument :

BNA_F

ClientSampleId :

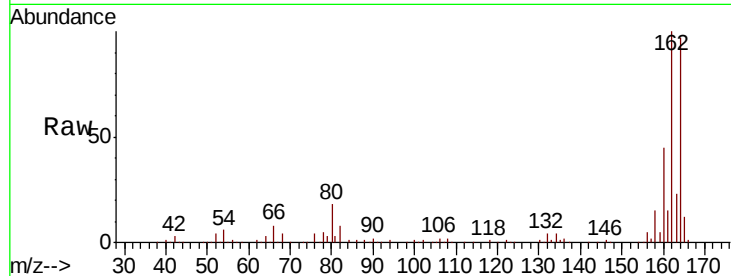
Tot Ion:164 Resp: 200281

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.6

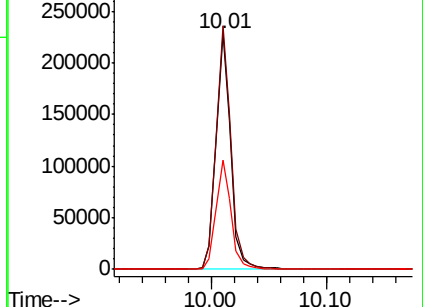
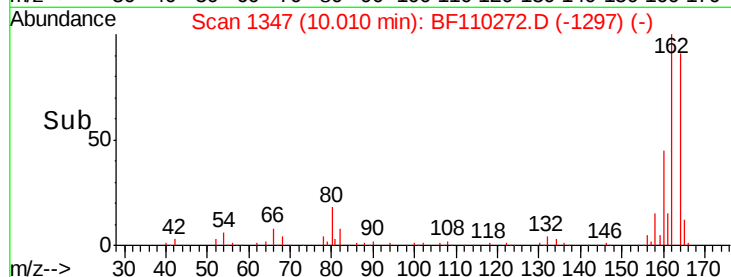
160 46.5 37.0 55.6



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: 95.515 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

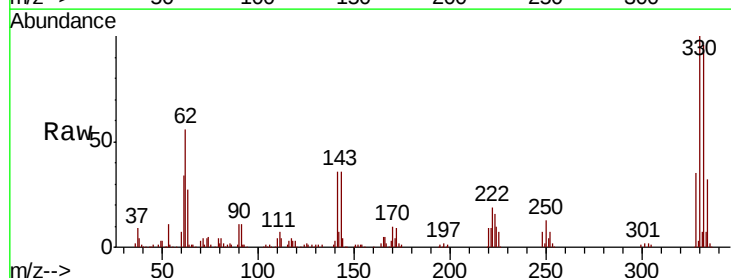
Tgt Ion:330 Resp: 189494

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

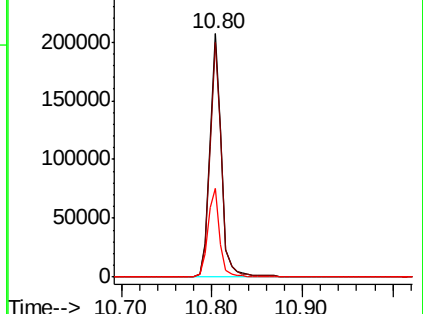
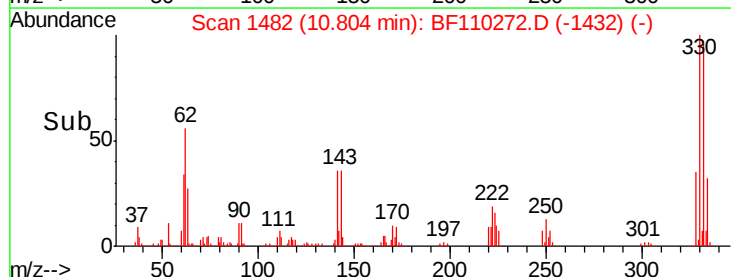
141 36.9 27.0 40.4



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



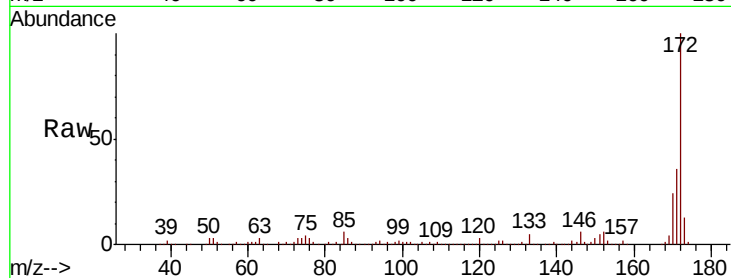


#45
 2-Fluorobiphenyl
 Concen: 85.519 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110272.D
 Acq: 29 Oct 2018 19:57

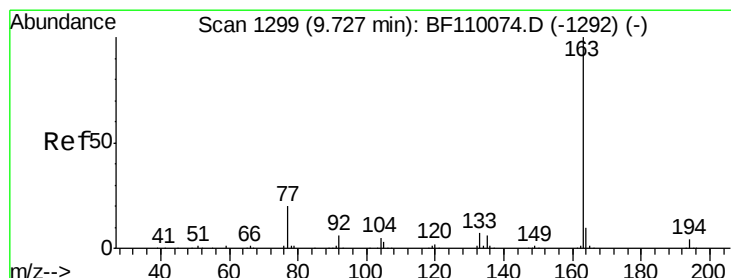
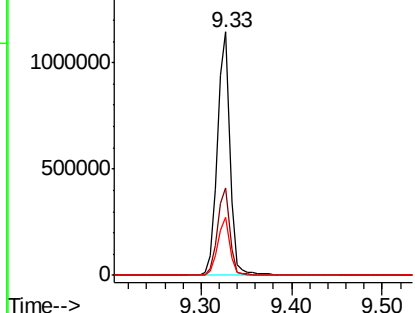
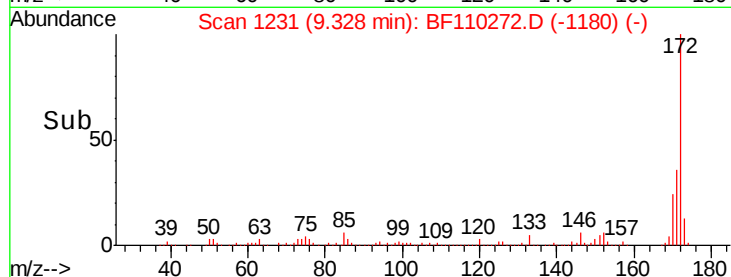
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1090766

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.7	19.7	29.5



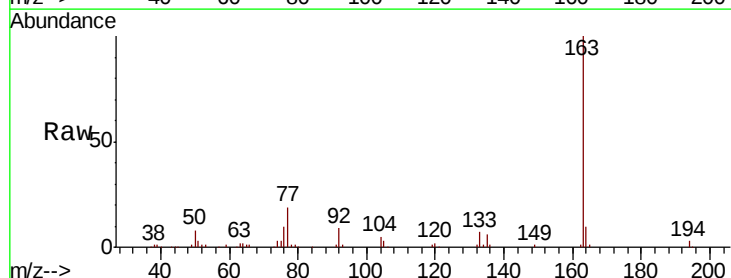
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



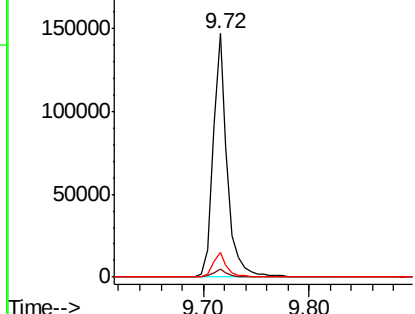
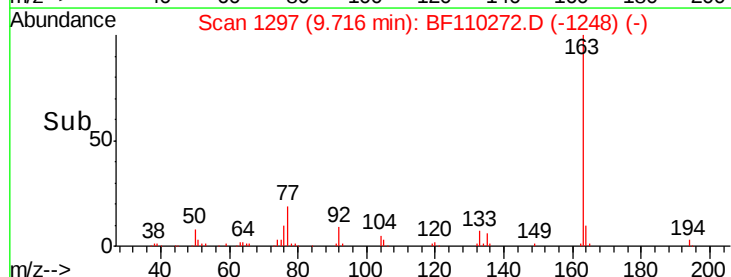
#50
 Dimethylphthalate
 Concen: 9.405 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF110272.D
 Acq: 29 Oct 2018 19:57

Tgt Ion:163 Resp: 139048

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.4	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

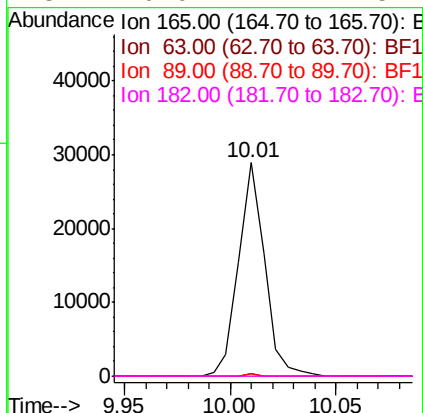
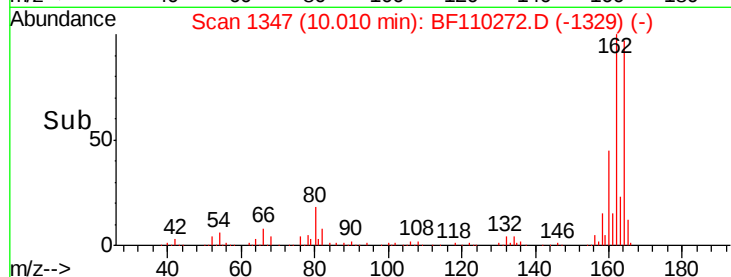
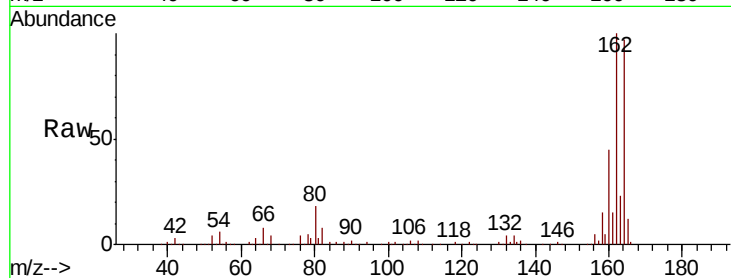




#57
2,4-Dinitrotoluene
Concen: 6.137 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110272.D
Acq: 29 Oct 2018 19:57

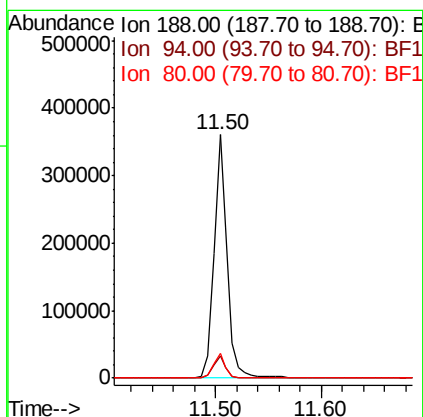
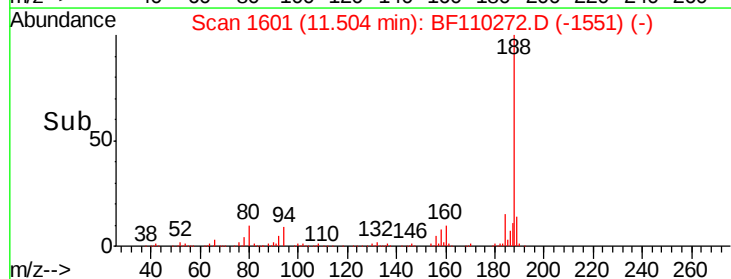
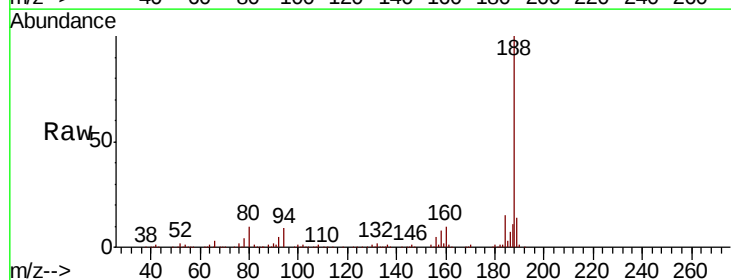
Instrument :
BNA_F
ClientSampleId :

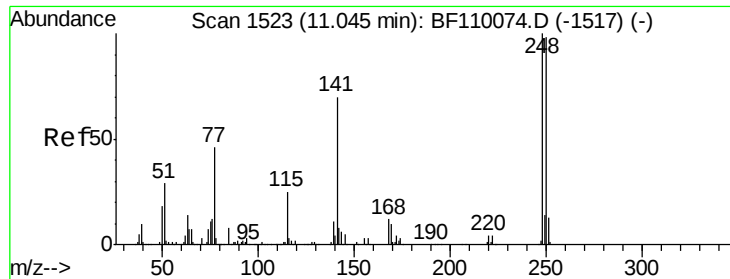
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110272.D
Acq: 29 Oct 2018 19:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.0	7.9	11.9

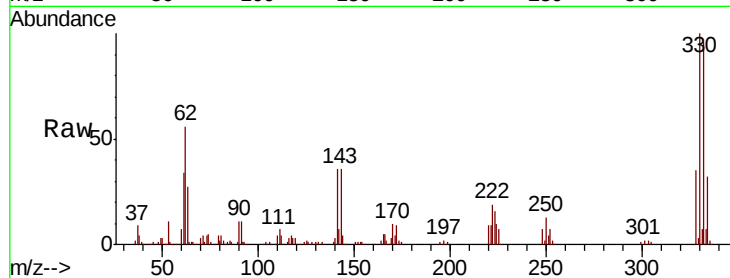




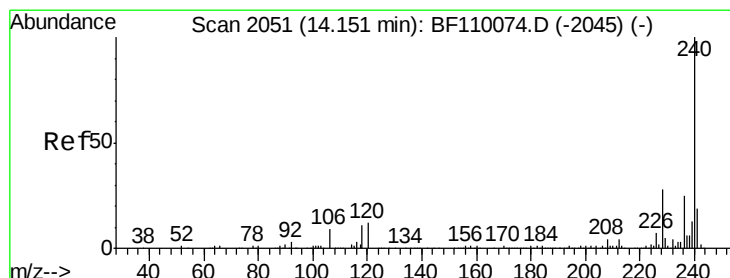
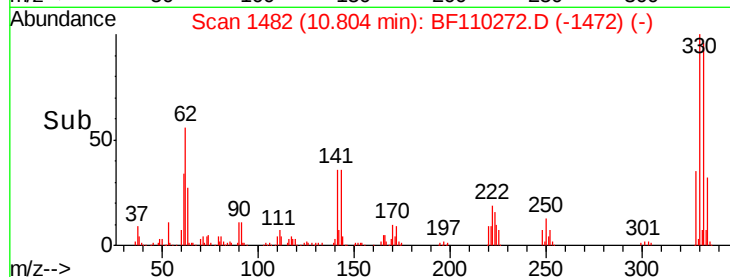
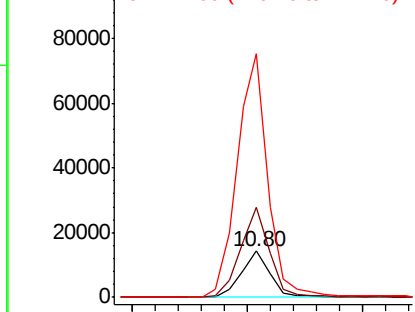
#67
 4-Bromophenyl-phenylether
 Concen: 3.637 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.24 min
 Lab File: BF110272.D
 Acq: 29 Oct 2018 19:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12489
 Ion Ratio Lower Upper
 248 100
 250 194.5 79.4 119.2#
 141 525.7 55.9 83.9#

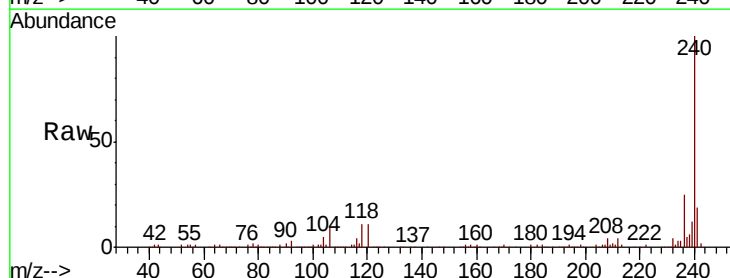


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

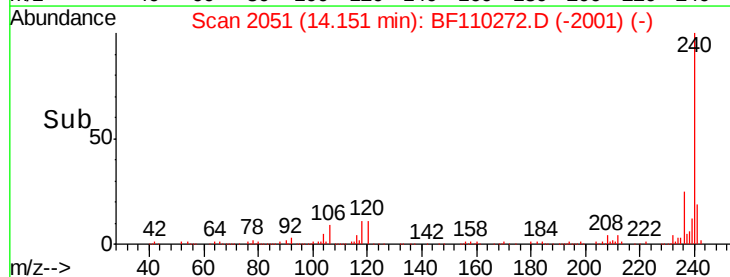
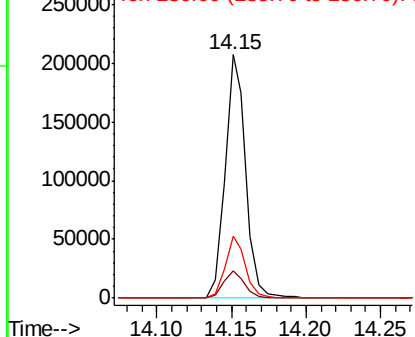


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110272.D
 Acq: 29 Oct 2018 19:57

Tgt Ion:240 Resp: 201877
 Ion Ratio Lower Upper
 240 100
 120 11.4 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: 73.383 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

Instrument :

BNA_F

ClientSampleId :

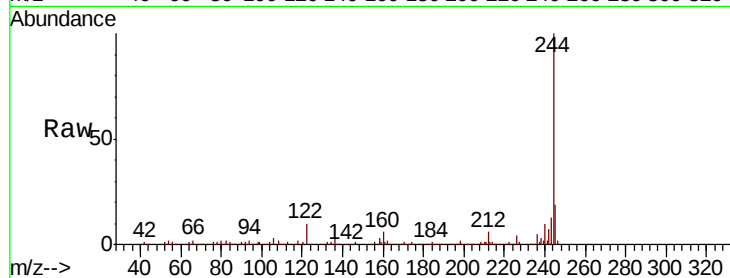
Tot Ion:244 Resp: 712323

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

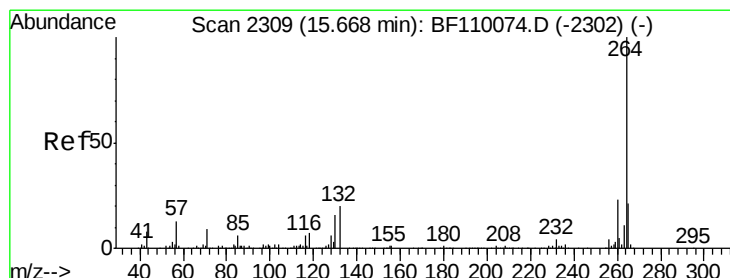
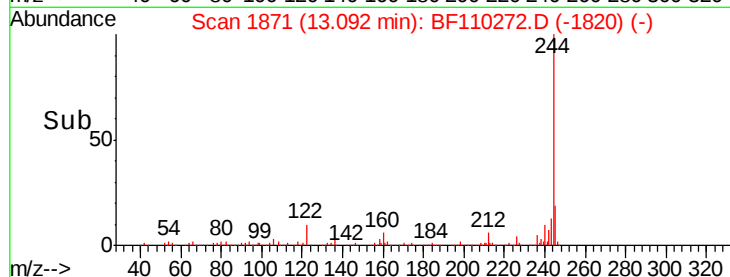
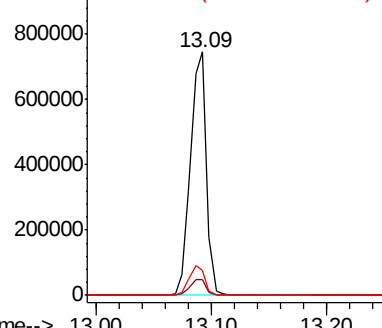
122 10.2 8.7 13.1



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: 15.69 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

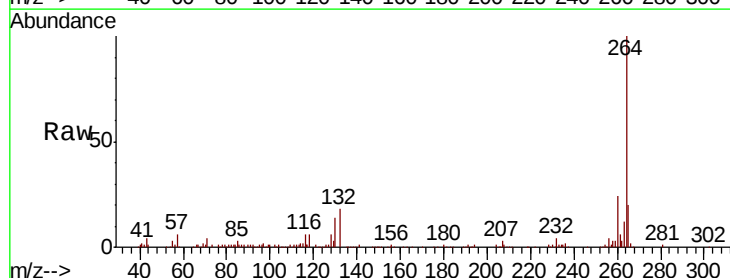
Tgt Ion:264 Resp: 173331

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 20.2 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

