

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110273.D
 Acq On : 29 Oct 2018 20:24
 Operator : JU/SJ
 Sample : J5691-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Quant Time: Oct 30 08:12:02 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

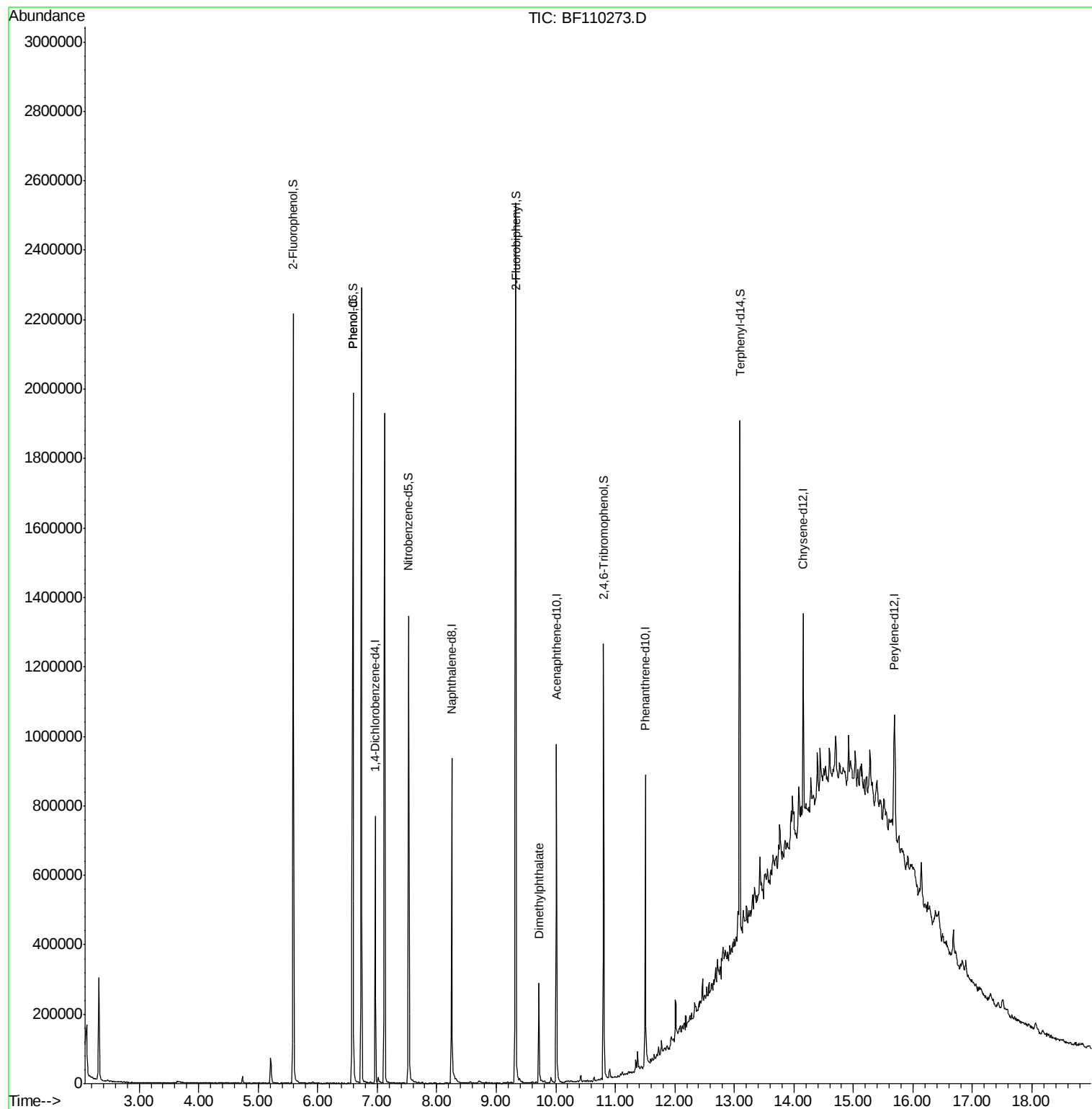
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109837	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	453115	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	197331	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	297930	20.00	ng	0.00
76) Chrysene-d12	14.16	240	192328	20.00	ng	0.00
87) Perylene-d12	15.70	264	158048	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	589926	87.46	ng	0.00
7) Phenol-d6	6.59	99	754645	87.47	ng	0.00
23) Nitrobenzene-d5	7.53	82	464444	60.80	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	145475	74.42	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	855417	68.07	ng	0.00
79) Terphenyl-d14	13.09	244	519787	56.21	ng	0.00
Target Compounds						
10) Phenol	6.60	94	37405	4.056	ng	Qvalue # 75
50) Dimethylphthalate	9.72	163	125953	8.647	ng	99

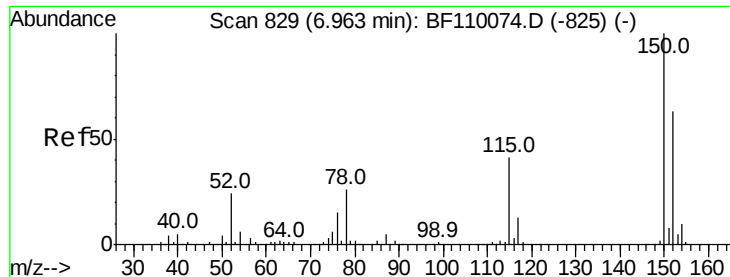
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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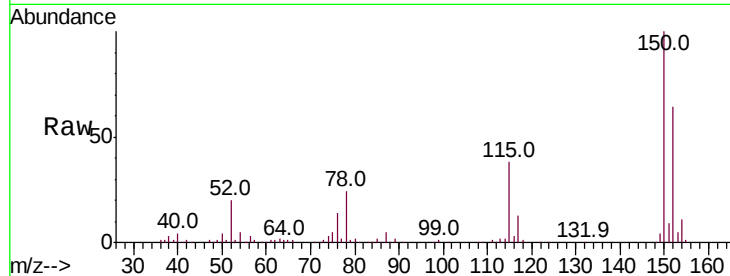


#1

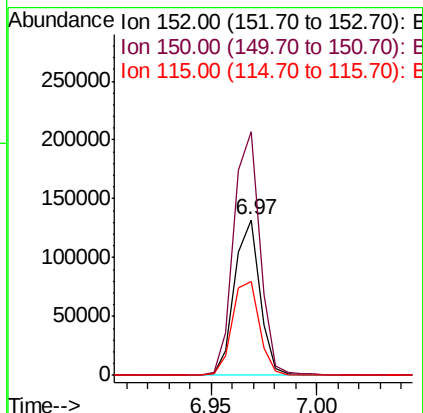
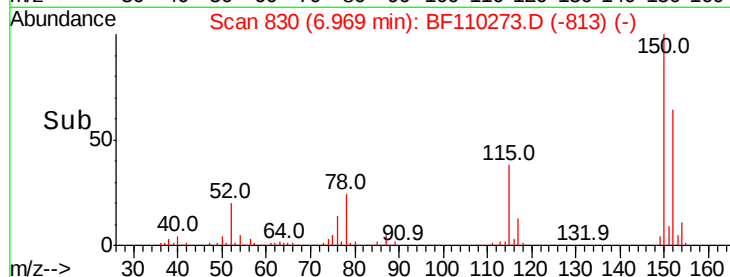
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

Instrument :
BNA_F
ClientSampleId :
SB-10

Tot Ion:152 Resp: 109837
Ion Ratio Lower Upper
152 100
150 156.6 122.7 184.1
115 60.2 49.1 73.7



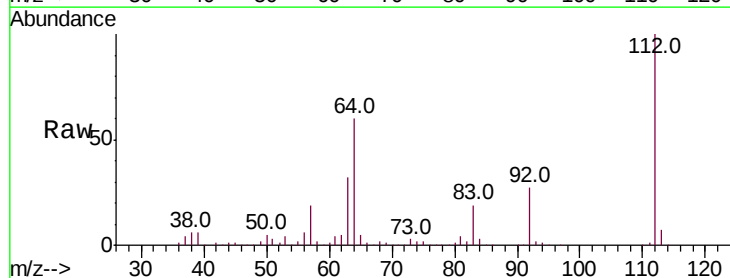
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



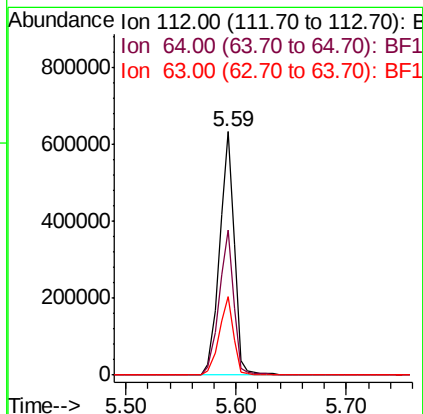
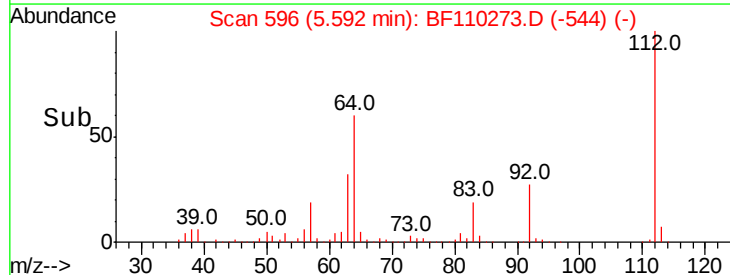
#5

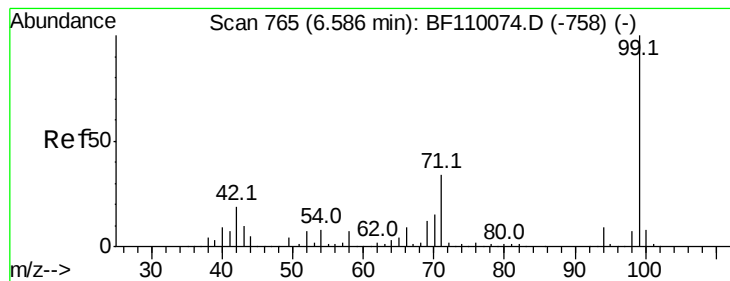
2-Fluorophenol
Concen: 87.463 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

Tgt Ion:112 Resp: 589926
Ion Ratio Lower Upper
112 100
64 59.8 44.1 66.1
63 32.0 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: 87.473 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110273.D

Acq: 29 Oct 2018 20:24

Instrument :

BNA_F

ClientSampleId :

SB-10

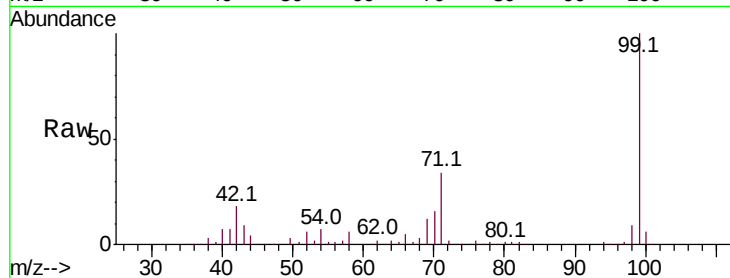
Tot Ion: 99 Resp: 754645

Ion Ratio Lower Upper

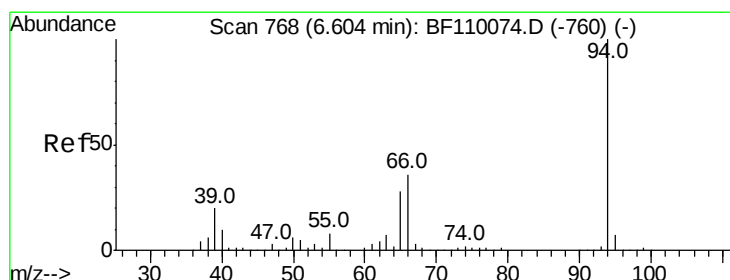
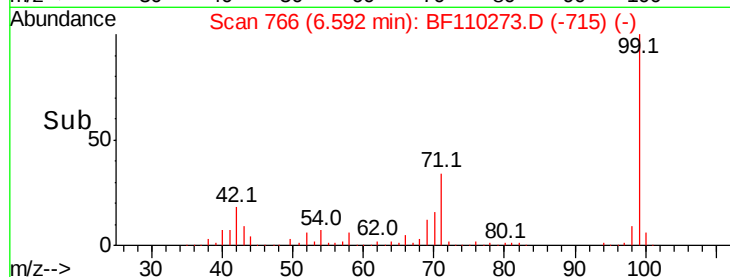
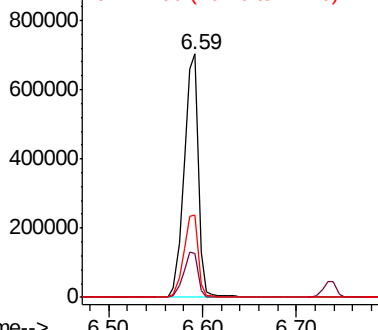
99 100

42 18.2 15.8 23.6

71 33.6 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: 4.056 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110273.D

Acq: 29 Oct 2018 20:24

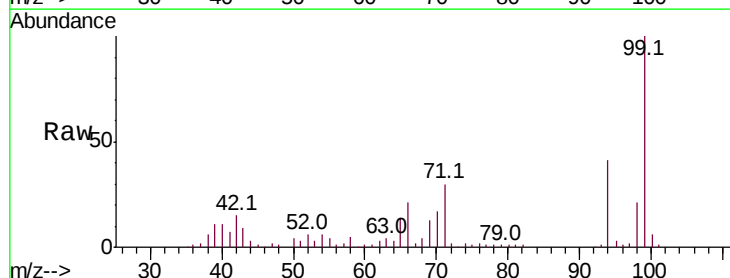
Tgt Ion: 94 Resp: 37405

Ion Ratio Lower Upper

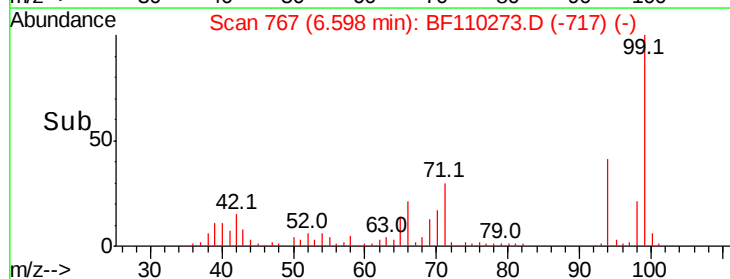
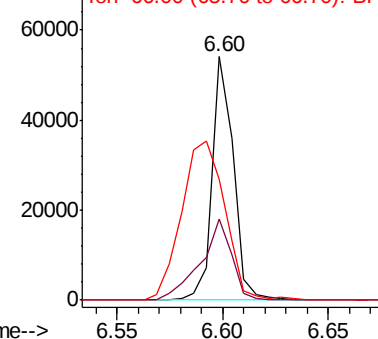
94 100

65 33.0 25.3 65.3

66 49.8 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

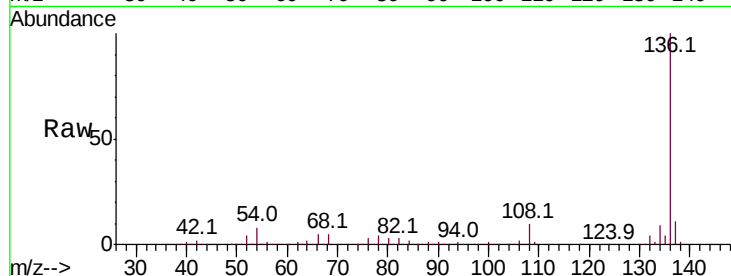




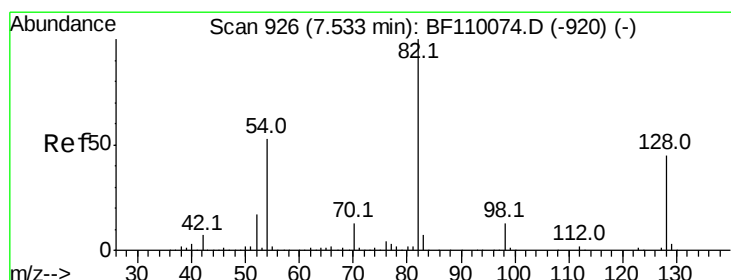
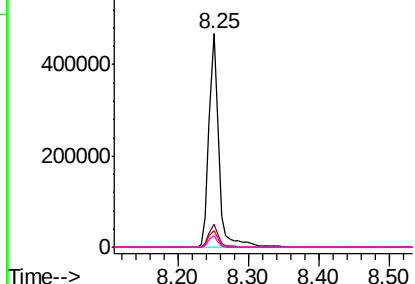
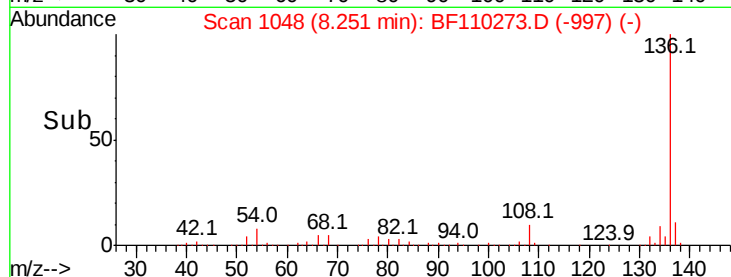
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

Instrument :
BNA_F
ClientSampleId :
SB-10

Tot Ion:	136	Resp:	453115
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	5.4	8.2
68	5.3	4.2	6.2

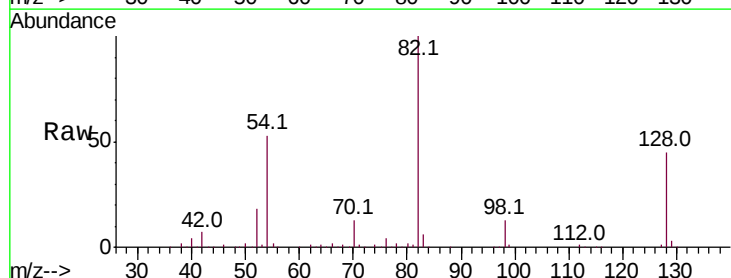


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

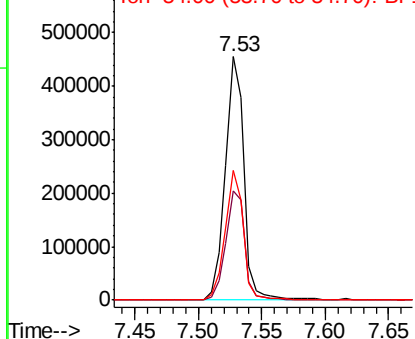
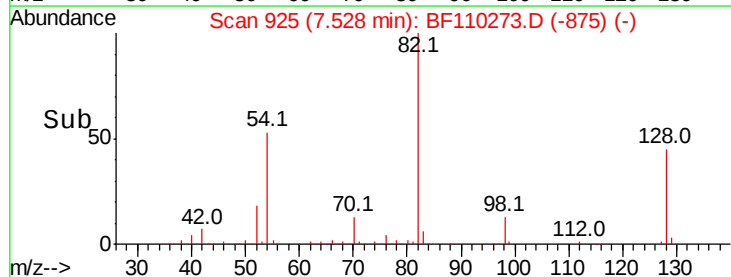


#23
Nitrobenzene-d5
Concen: 60.796 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

Tgt Ion:	82	Resp:	464444
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.2	51.2
54	53.2	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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110273.D

Acq: 29 Oct 2018 20:24

Instrument :

BNA_F

ClientSampleId :

SB-10

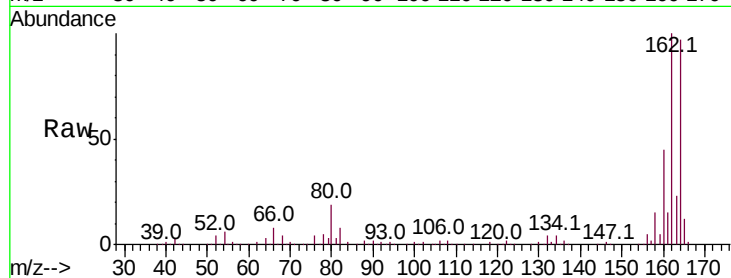
Tot Ion:164 Resp: 197331

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

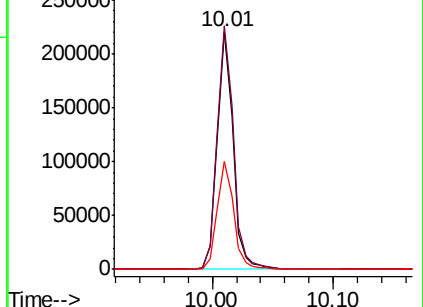
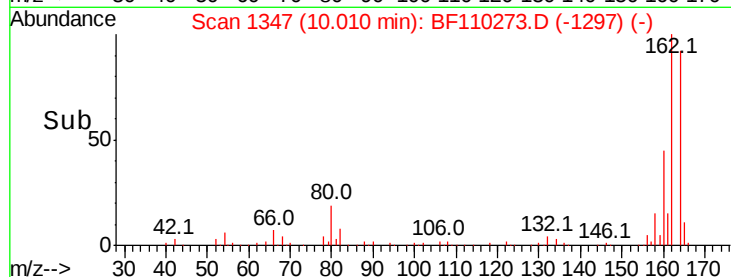
160 45.7 37.0 55.6



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: 74.423 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110273.D

Acq: 29 Oct 2018 20:24

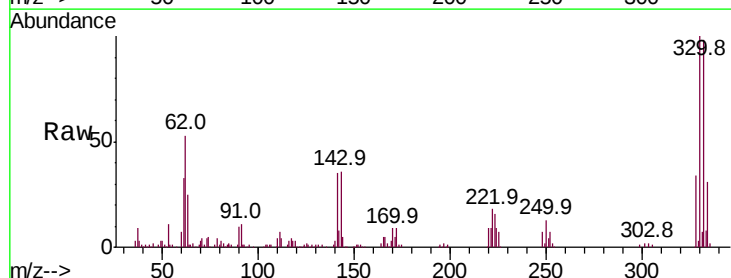
Tgt Ion:330 Resp: 145475

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

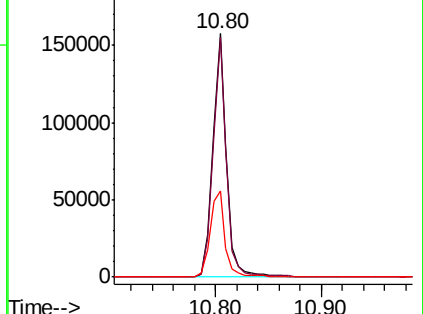
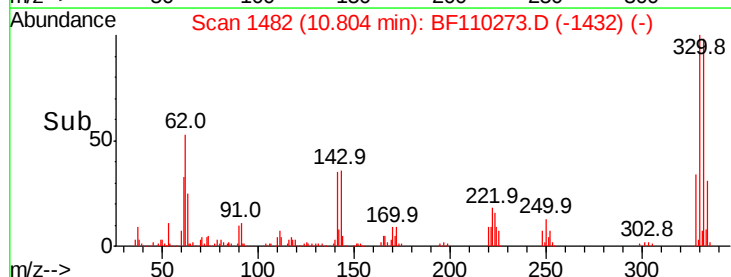
141 37.9 27.0 40.4

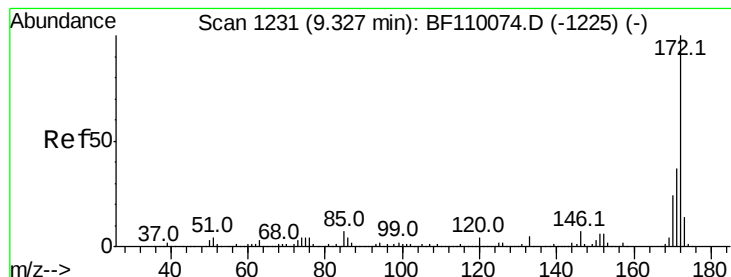


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 68.070 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF110273.D

Acq: 29 Oct 2018 20:24

Instrument :

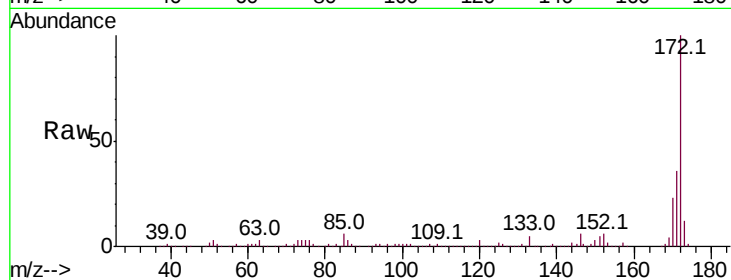
BNA_F

ClientSampleId :

SB-10

Tot Ion:172 Resp: 855417

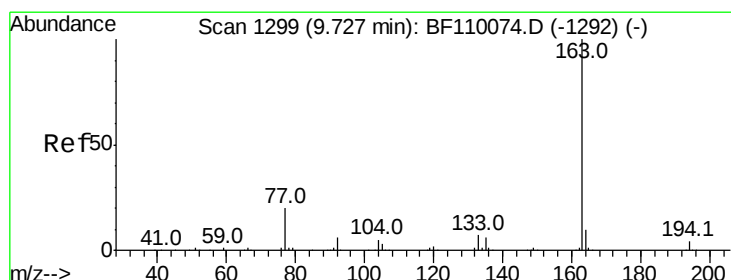
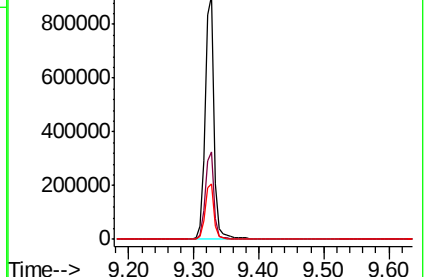
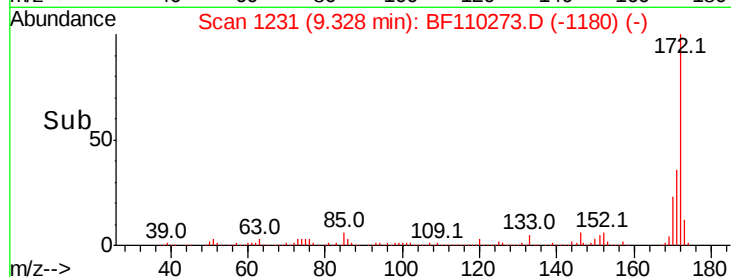
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.0	19.7	29.5



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: 8.647 ng

RT: 9.72 min Scan# 1297

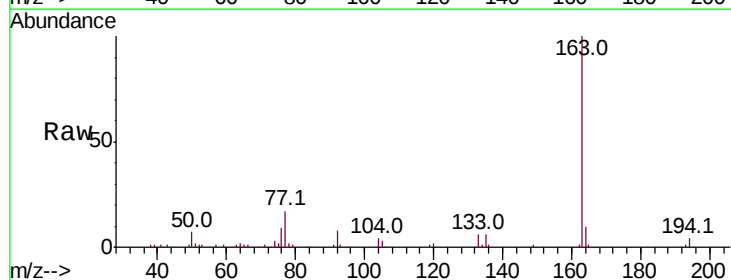
Delta R.T. -0.01 min

Lab File: BF110273.D

Acq: 29 Oct 2018 20:24

Tgt Ion:163 Resp: 125953

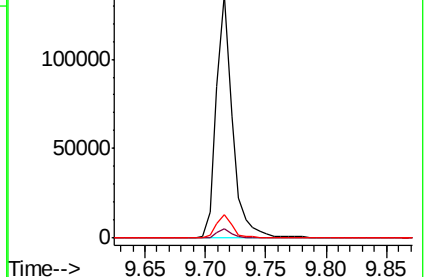
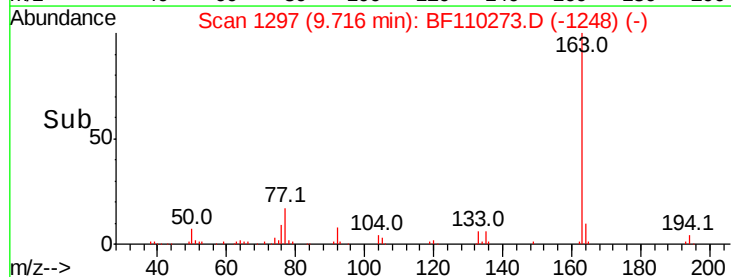
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.7	8.1	12.1



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

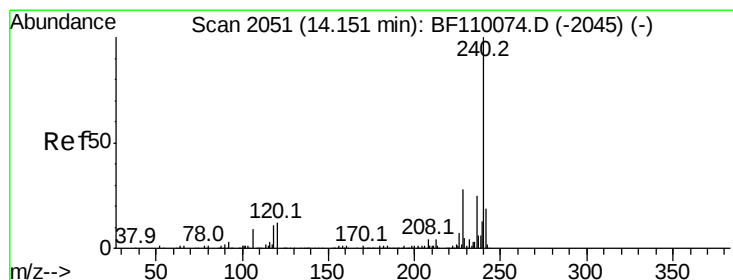
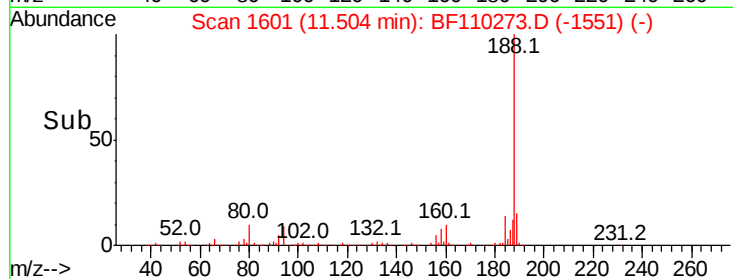
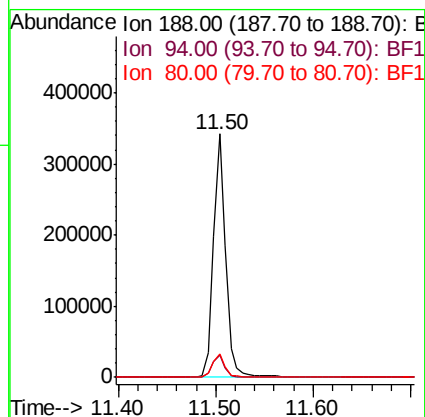
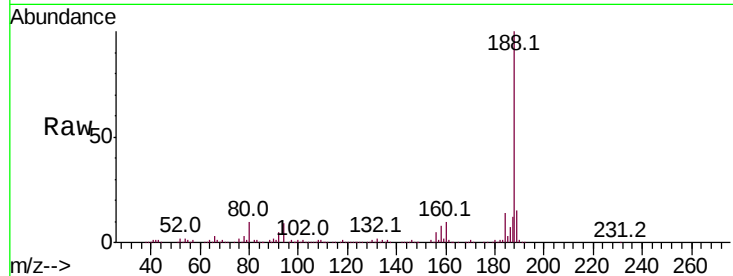




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

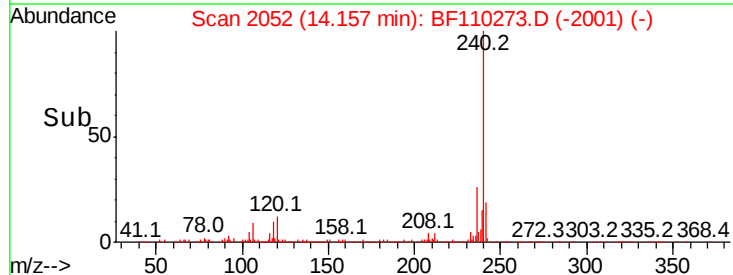
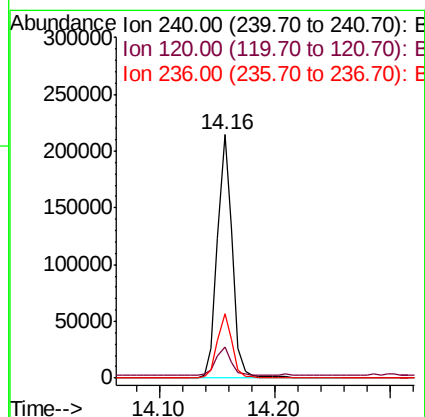
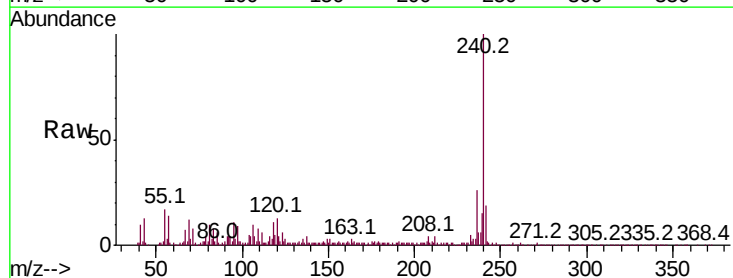
Instrument :
BNA_F
ClientSampleId :
SB-10

Tot Ion:188 Resp: 297930
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

Tgt Ion:240 Resp: 192328
Ion Ratio Lower Upper
240 100
120 12.7 8.3 12.5#
236 26.4 21.2 31.8

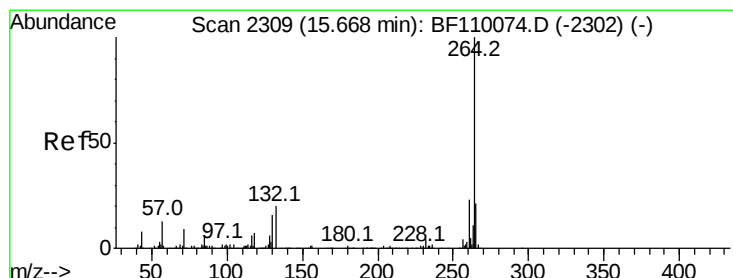
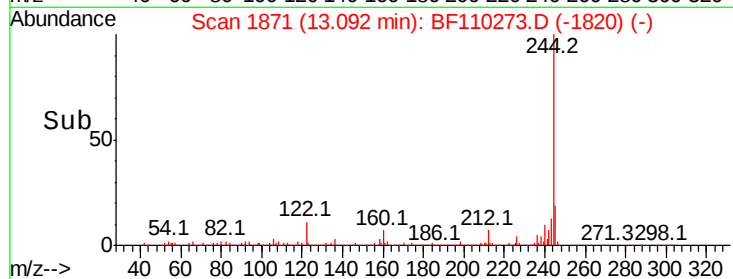
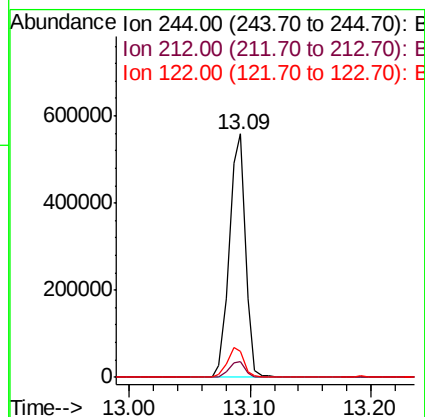
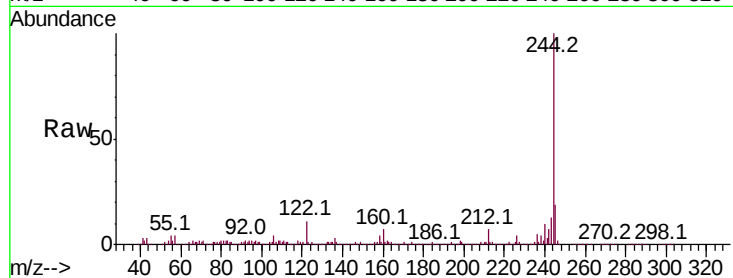




#79
 Terphenyl-d14
 Concen: 56.206 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF110273.D
 Acq: 29 Oct 2018 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tot Ion:244 Resp: 519787
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.9 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.01 min
 Lab File: BF110273.D
 Acq: 29 Oct 2018 20:24

Tgt Ion:264 Resp: 158048
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.7 28.1
 265 20.9 16.7 25.1

