

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110120.D
 Acq On : 24 Oct 2018 17:37
 Operator : JU/SJ
 Sample : J4771-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-102318

Quant Time: Oct 25 04:15:38 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

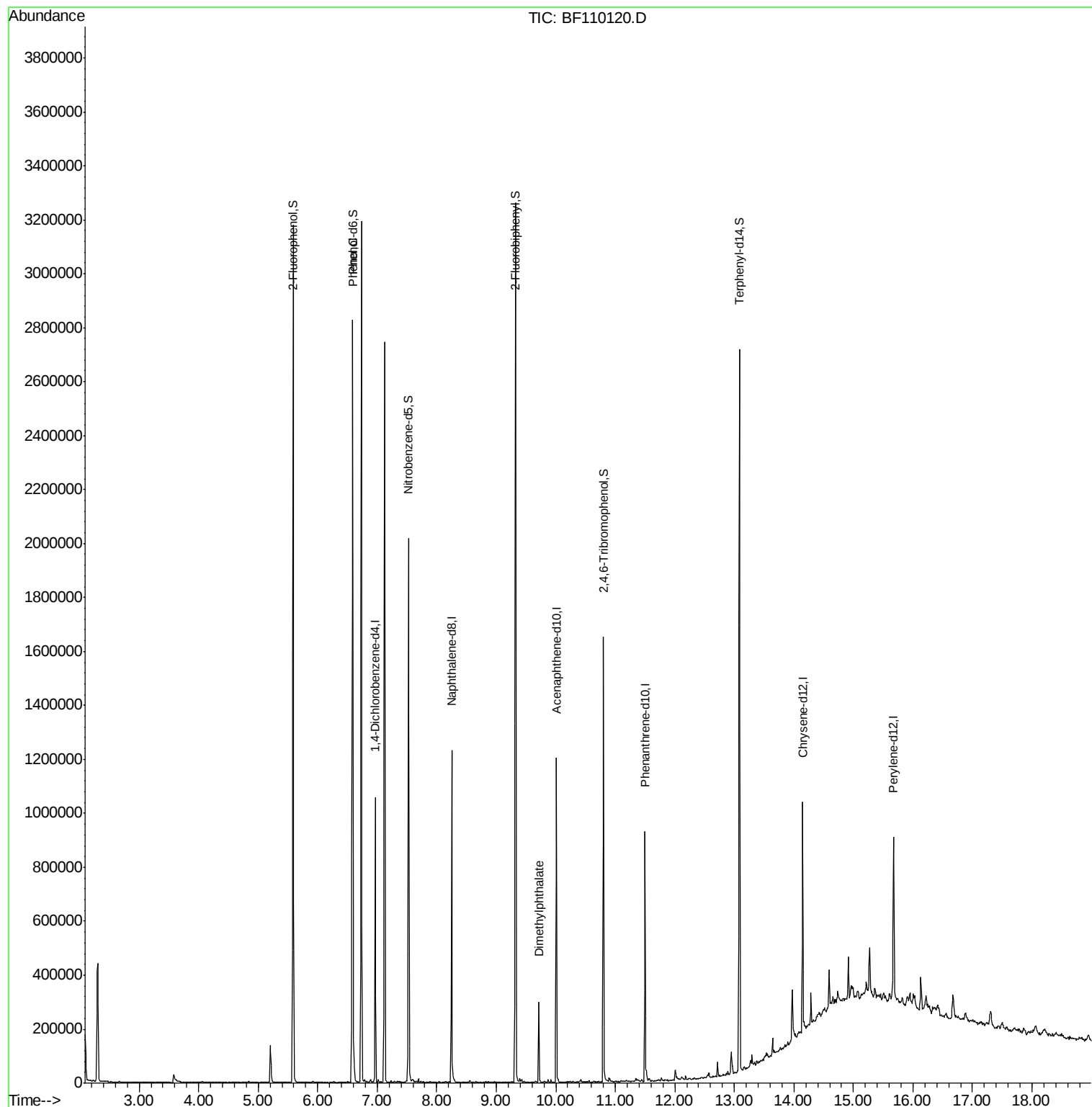
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	149704	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	547214	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	214408	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	348284	20.00	ng	-0.02
76) Chrysene-d12	14.15	240	295691	20.00	ng	-0.01
87) Perylene-d12	15.67	264	218075	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	903063	98.23	ng	0.00
7) Phenol-d6	6.59	99	1105146	93.99	ng	-0.02
23) Nitrobenzene-d5	7.53	82	642703	69.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	179435	84.49	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1011713	74.09	ng	-0.02
79) Terphenyl-d14	13.09	244	808044	56.83	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	62826	4.998	ng	Qvalue # 68
50) Dimethylphthalate	9.72	163	119555	7.554	ng	99

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

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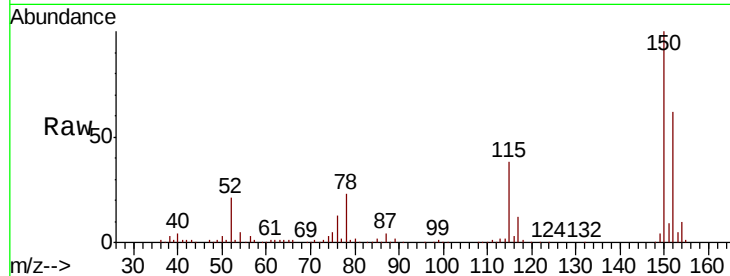




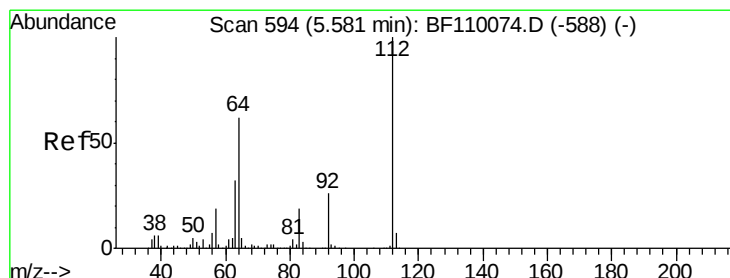
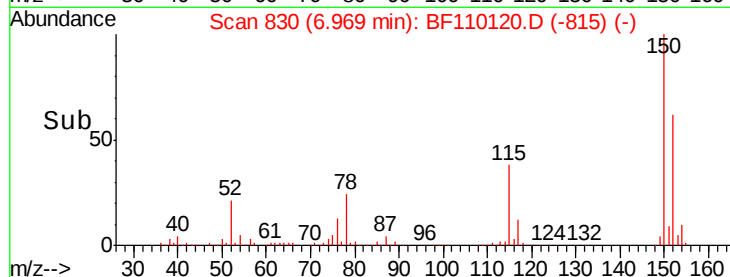
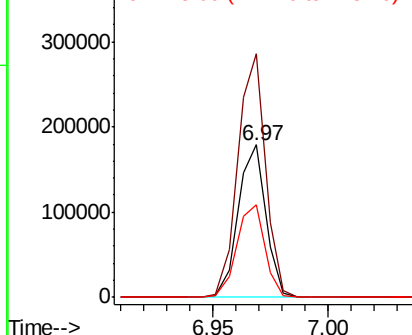
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110120.D
 Acq: 24 Oct 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-102318

Tot Ion:152 Resp: 149704
 Ion Ratio Lower Upper
 152 100
 150 160.0 122.7 184.1
 115 60.5 49.1 73.7

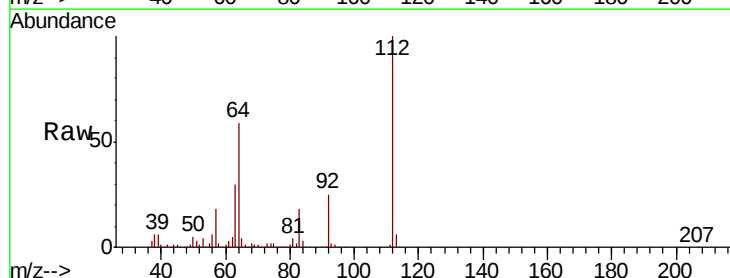


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

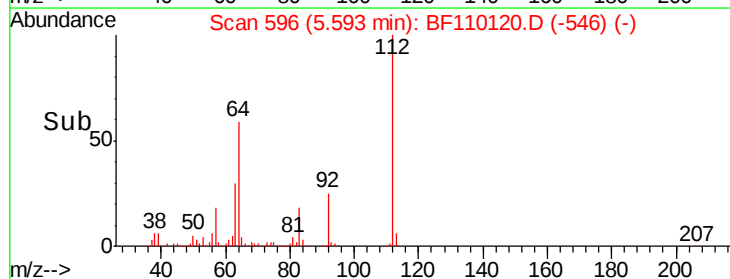
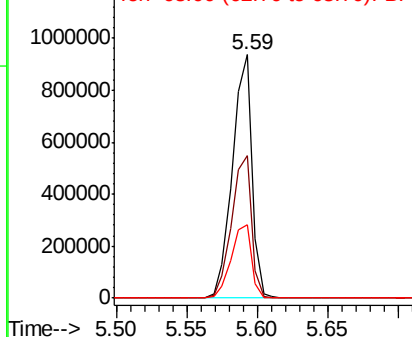


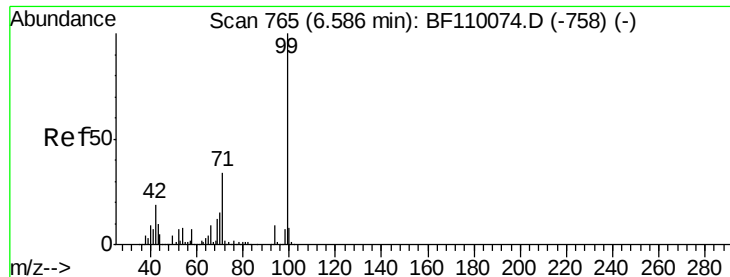
#5
 2-Fluorophenol
 Concen: 98.233 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF110120.D
 Acq: 24 Oct 2018 17:37

Tgt Ion:112 Resp: 903063
 Ion Ratio Lower Upper
 112 100
 64 58.6 44.1 66.1
 63 30.2 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: 93.986 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

Instrument :

BNA_F

ClientSampleId :

NB-08-102318

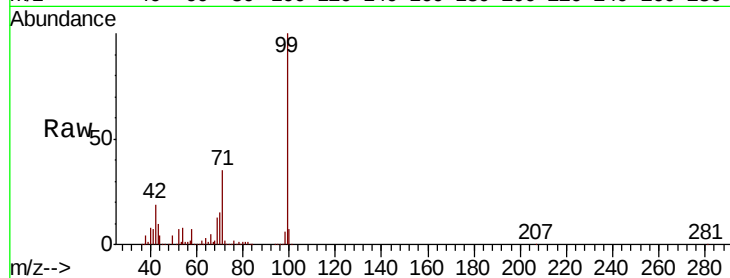
Tot Ion: 99 Resp: 1105146

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

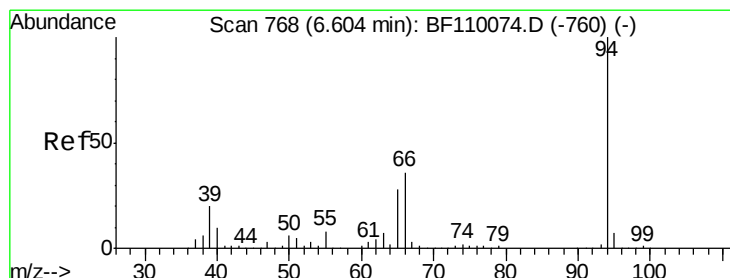
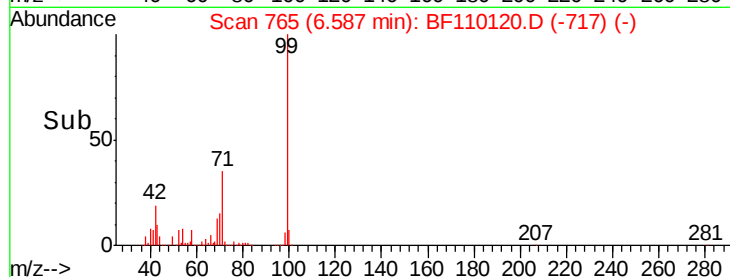
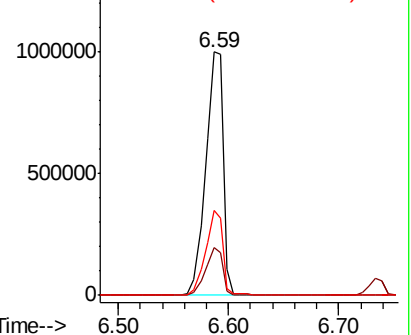
71 34.8 28.0 42.0



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: 4.998 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

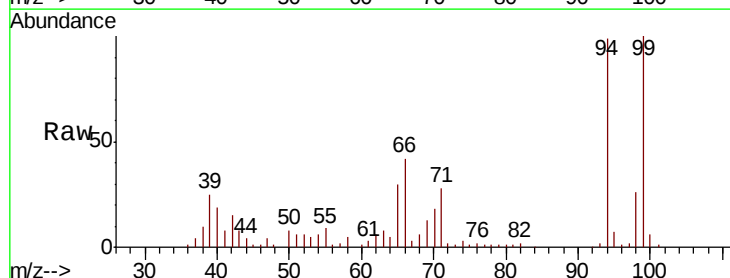
Tgt Ion: 94 Resp: 62826

Ion Ratio Lower Upper

94 100

65 30.4 25.3 65.3

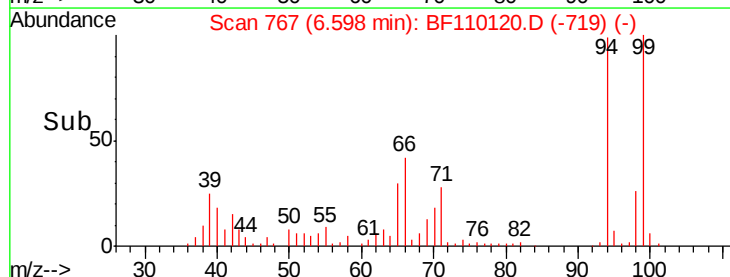
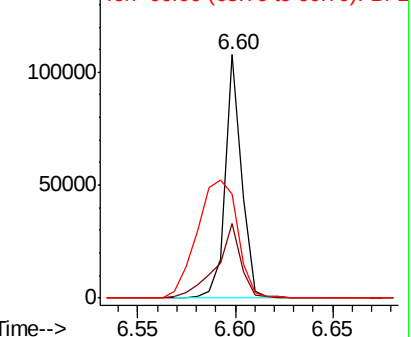
66 42.6 54.5 94.5#



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

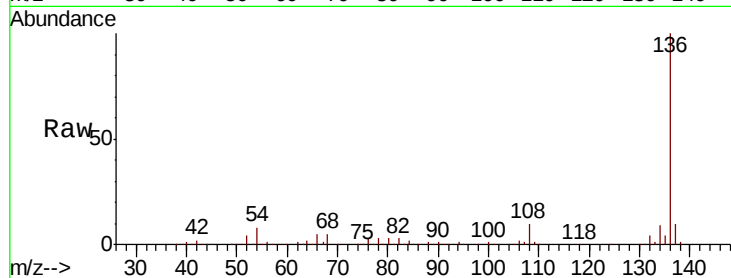




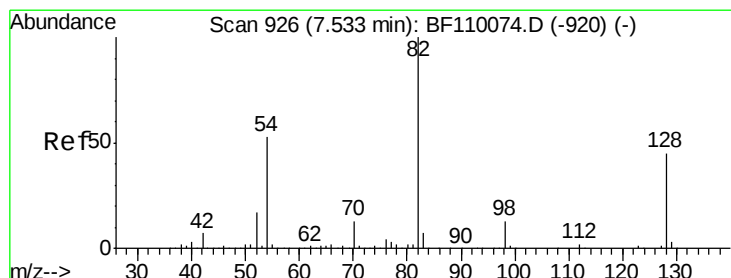
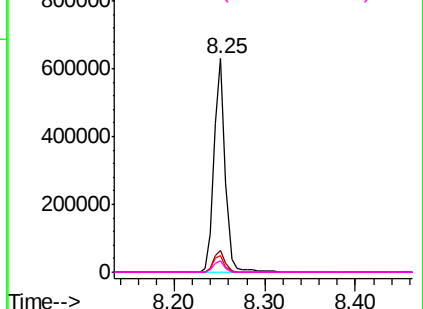
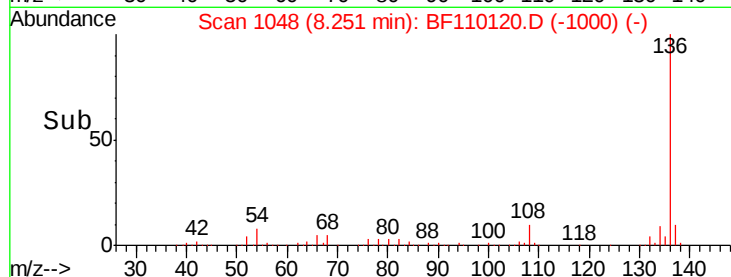
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

Instrument :
BNA_F
ClientSampleId :
NB-08-102318

Tot Ion:136	Resp:	547214	
Ion Ratio	Lower	Upper	
136 100			
137 10.4	8.8	13.2	
54 7.9	5.4	8.2	
68 5.3	4.2	6.2	

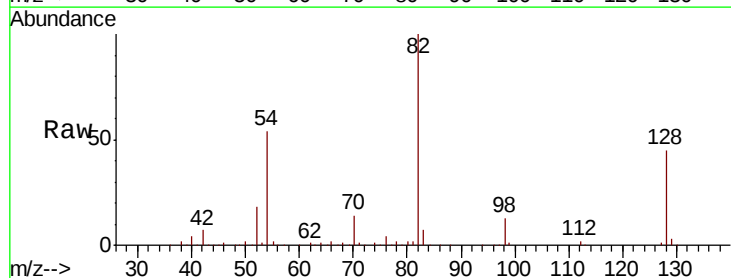


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

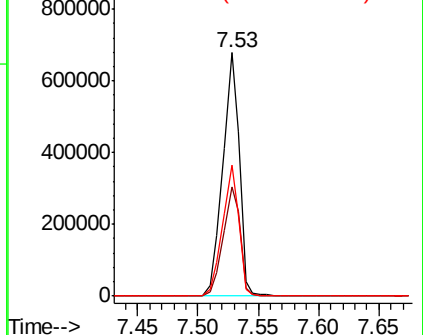
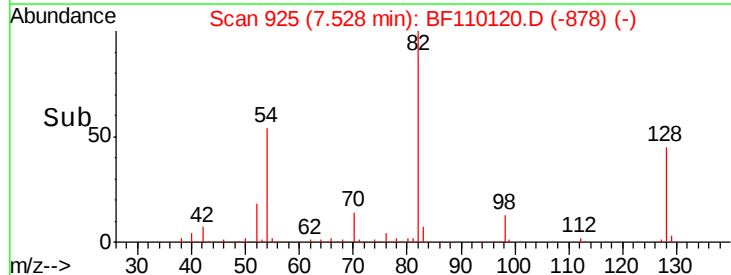


#23
Nitrobenzene-d5
Concen: 69.663 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

Tgt	Ion: 82	Resp:	642703
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	53.9	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. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

Instrument :

BNA_F

ClientSampleId :

NB-08-102318

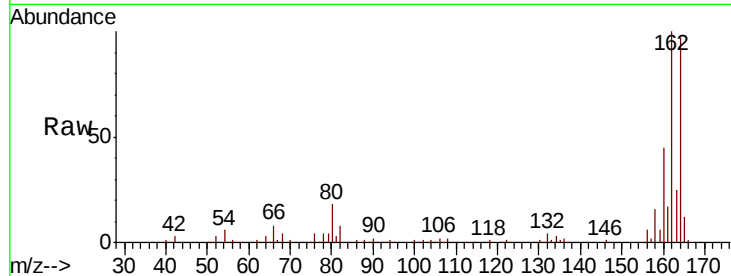
Tot Ion:164 Resp: 214408

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

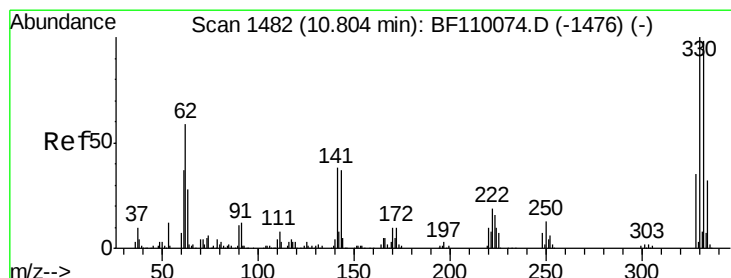
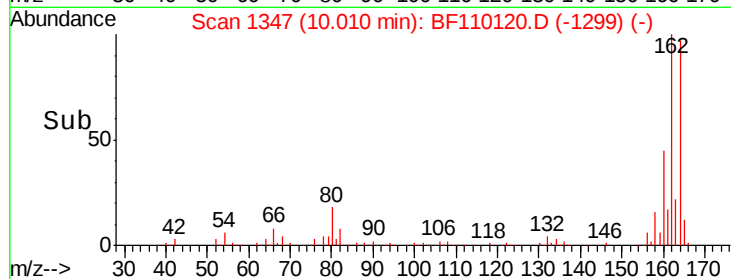
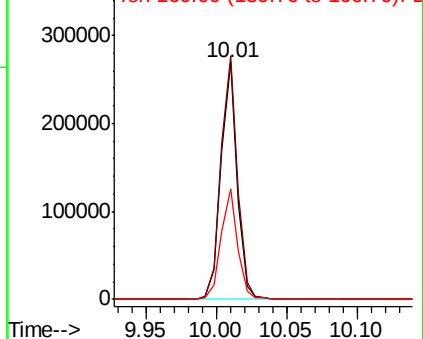
160 46.8 37.0 55.6



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: 84.486 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

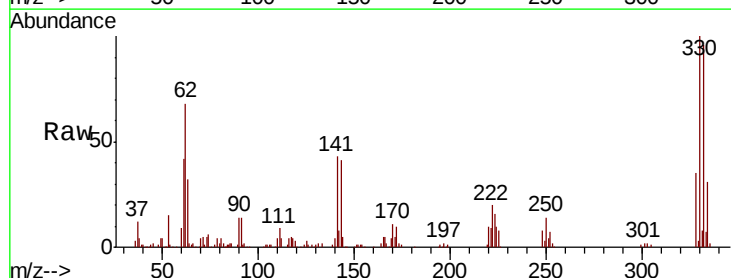
Tgt Ion:330 Resp: 179435

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

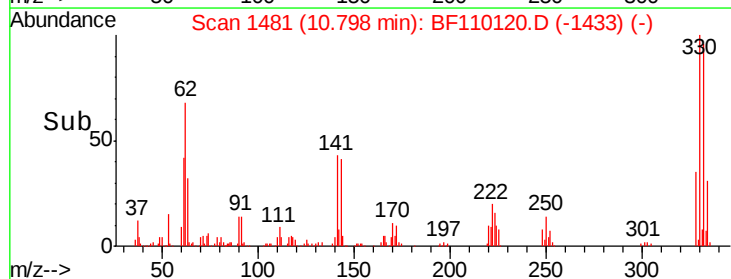
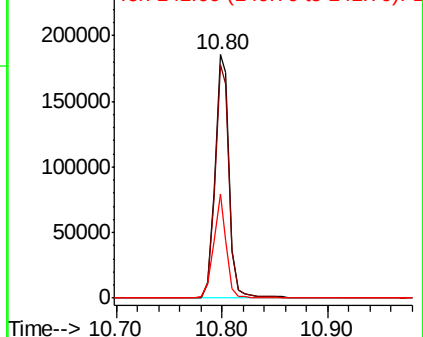
141 37.6 27.0 40.4

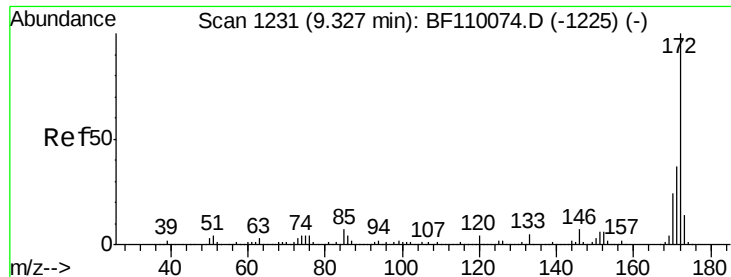


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

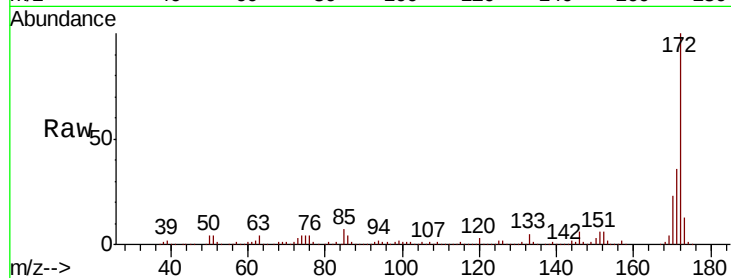




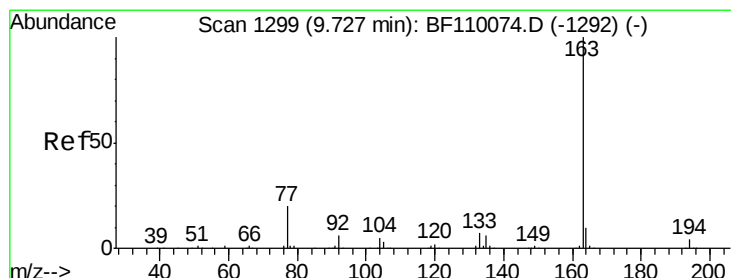
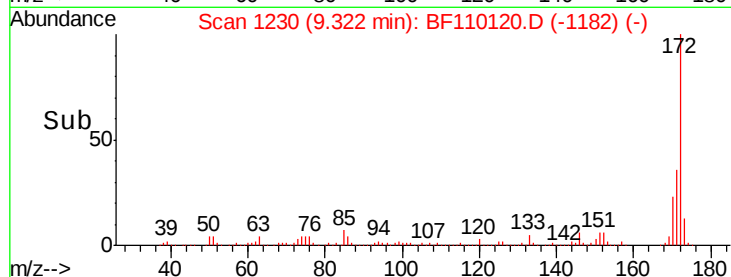
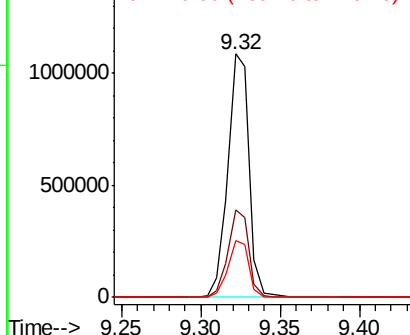
#45
2-Fluorobiphenyl
Concen: 74.095 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

Instrument :
BNA_F
ClientSampleId :
NB-08-102318

Tot Ion:172 Resp: 1011713
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.4 19.7 29.5

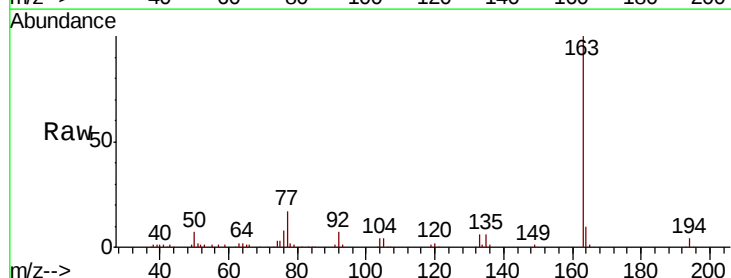


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

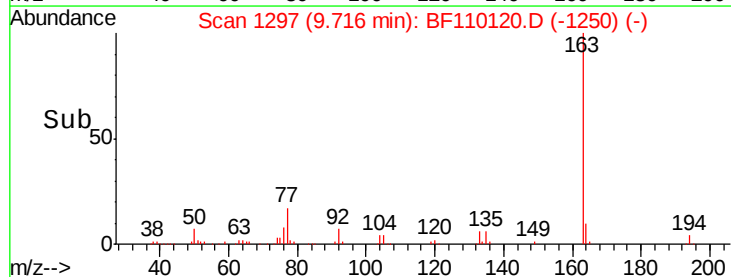
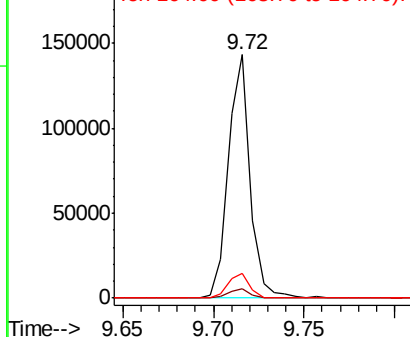


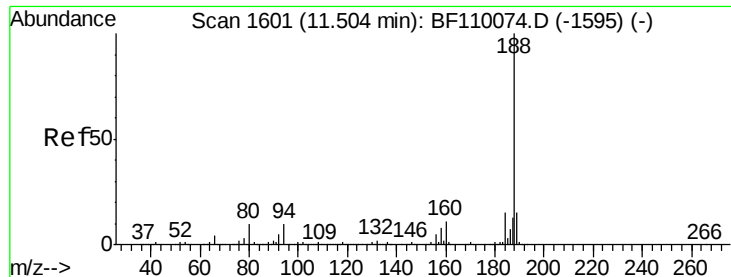
#50
Dimethylphthalate
Concen: 7.554 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

Tgt Ion:163 Resp: 119555
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 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# 1600

Delta R.T. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

Instrument :

BNA_F

ClientSampleId :

NB-08-102318

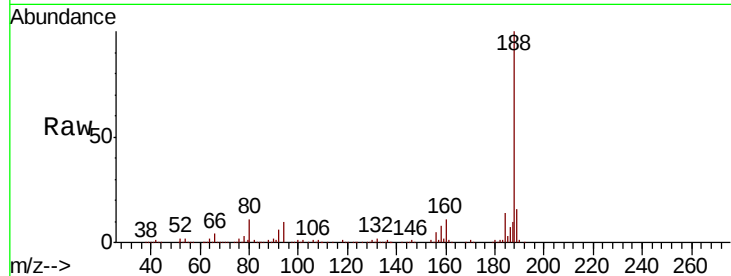
Tot Ion:188 Resp: 348284

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

80 11.2 7.9 11.9

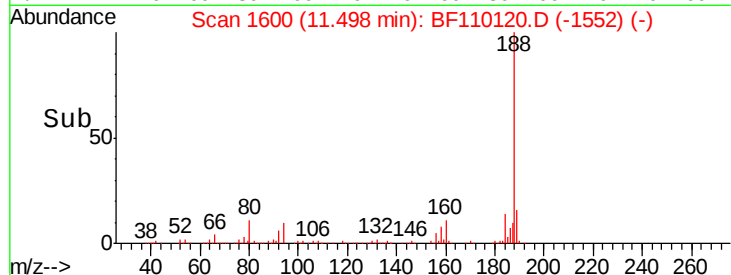


Abundance Ion 188.00 (187.70 to 188.70): E

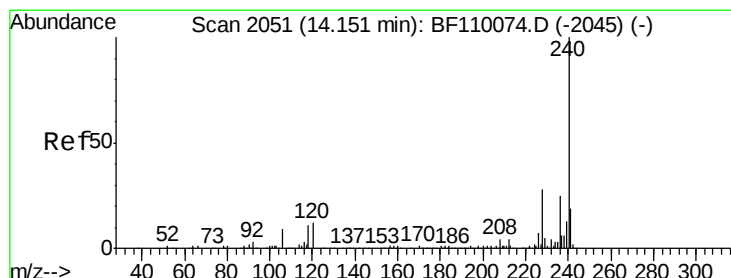
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

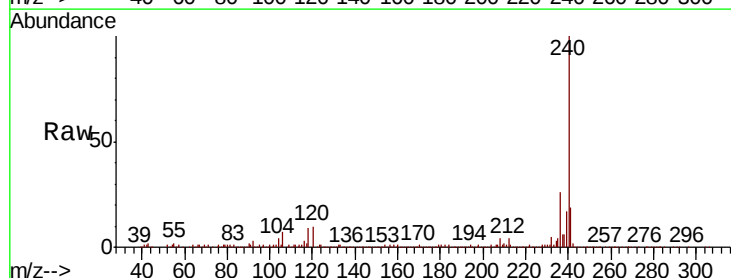
Tgt Ion:240 Resp: 295691

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

236 25.7 21.2 31.8

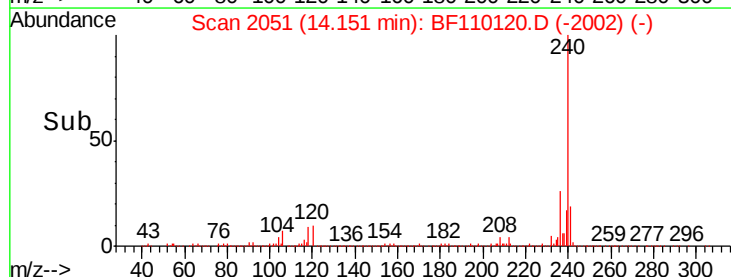


Abundance Ion 240.00 (239.70 to 240.70): E

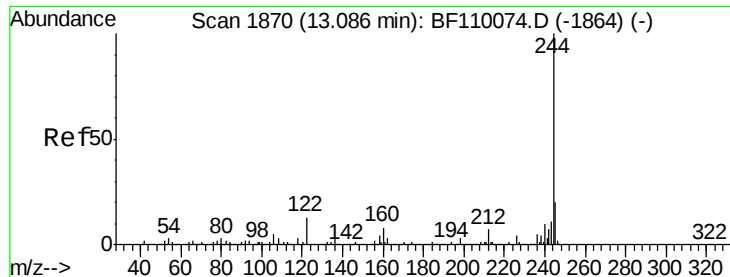
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#79

Terphenyl-d14

Concen: 56.833 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

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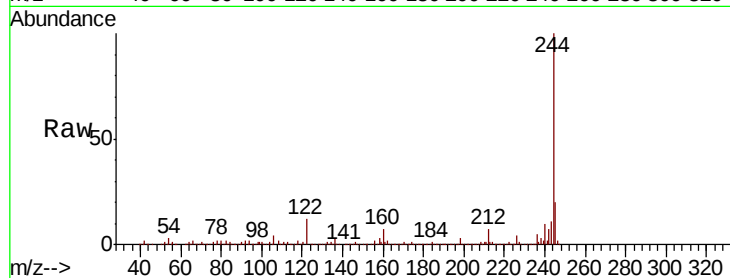
Tot Ion:244 Resp: 808044

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

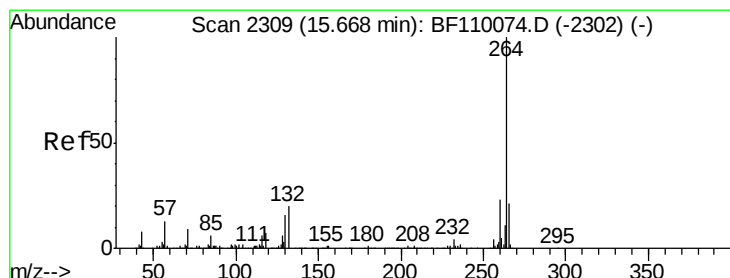
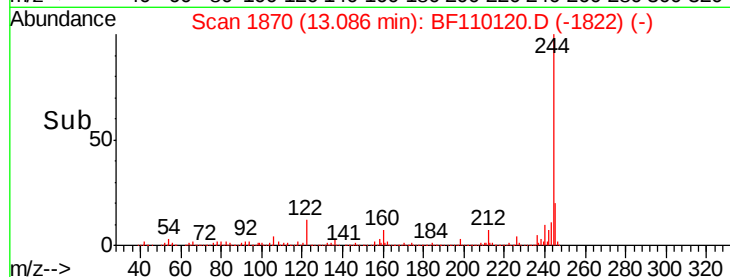
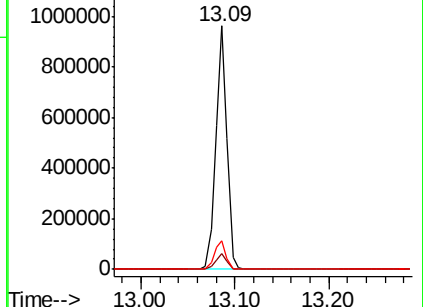
122 11.9 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

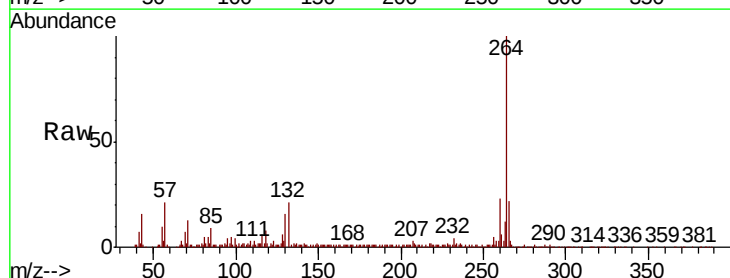
Tgt Ion:264 Resp: 218075

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.1 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

