

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114305.D
 Acq On : 16 May 2019 13:28
 Operator : JU/SJ
 Sample : PB119768BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BL

Quant Time: May 17 08:18:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	274929	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1057515	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	497906	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1000309	20.00	ng	0.00
76) Chrysene-d12	14.02	240	753403	20.00	ng	0.00
87) Perylene-d12	15.51	264	722568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1640124	96.00	ng	0.02
7) Phenol-d6	6.50	99	2180054	107.89	ng	0.00
23) Nitrobenzene-d5	7.41	82	1379604	73.21	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	518208	100.67	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2398225	72.86	ng	0.00
79) Terphenyl-d14	12.96	244	2392877	65.47	ng	0.00

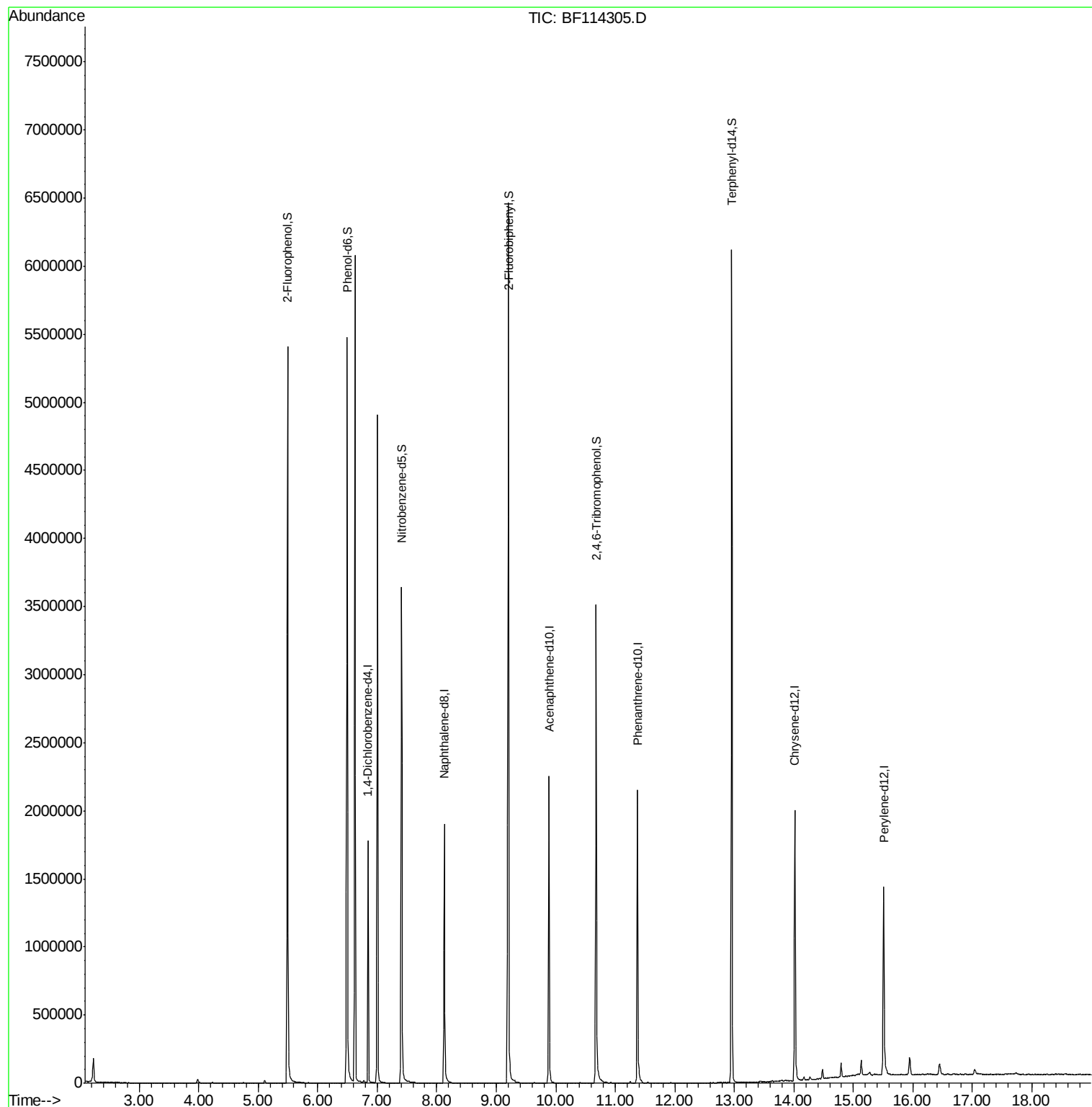
Target Compounds Qvalue

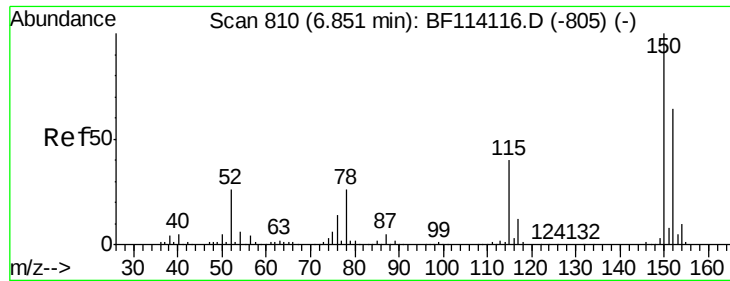
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

PB119768BL

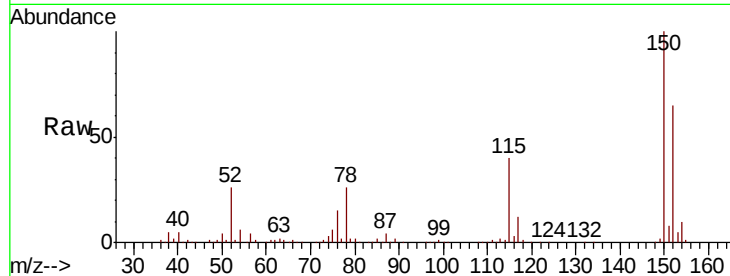
Tot Ion:152 Resp: 274929

Ion Ratio Lower Upper

152 100

150 154.1 124.3 186.5

115 61.5 49.1 73.7

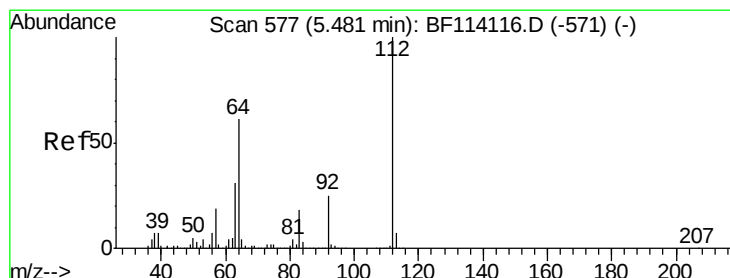
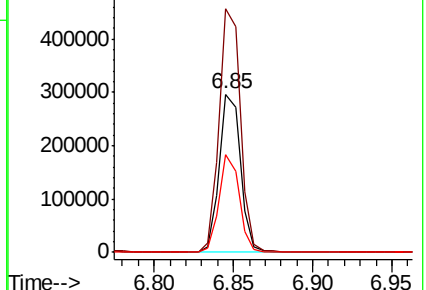
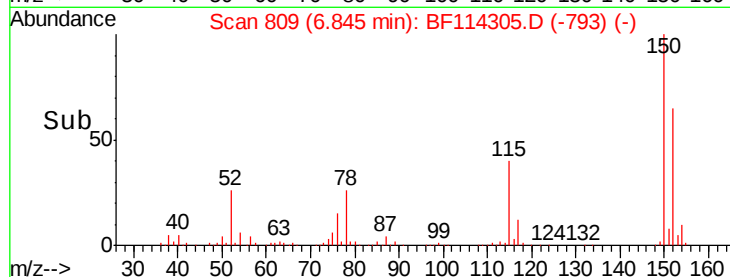


Abundance

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: 96.003 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

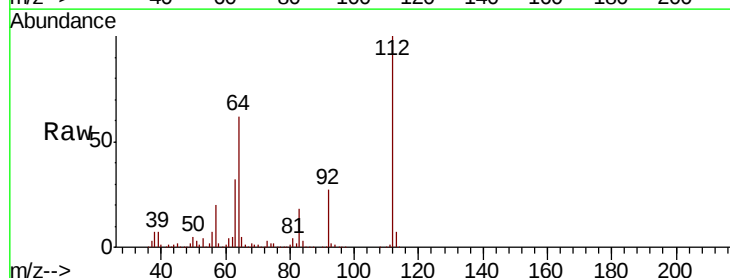
Tgt Ion:112 Resp: 1640124

Ion Ratio Lower Upper

112 100

64 62.4 49.0 73.6

63 31.8 24.6 37.0

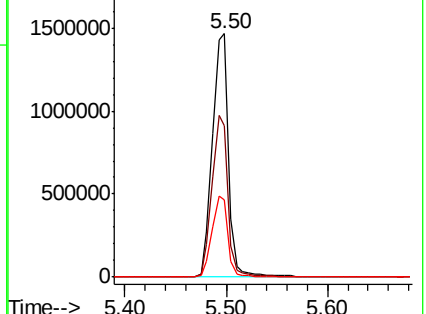
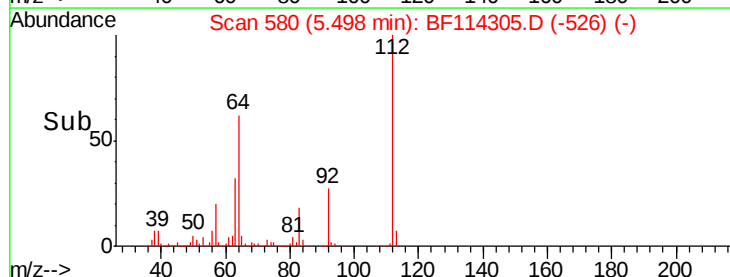


Abundance

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: 107.891 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

PB119768BL

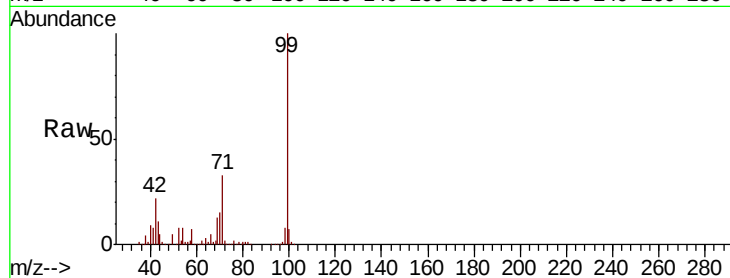
Tot Ion: 99 Resp: 2180054

Ion Ratio Lower Upper

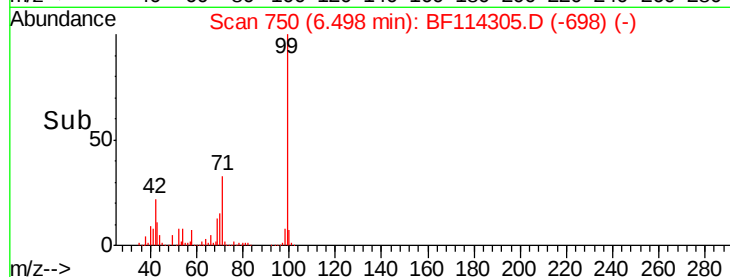
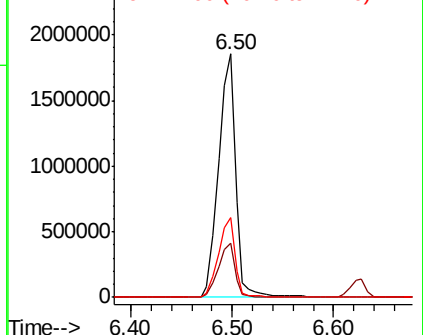
99 100

42 22.5 17.9 26.9

71 32.7 26.2 39.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

Tgt Ion: 136 Resp: 1057515

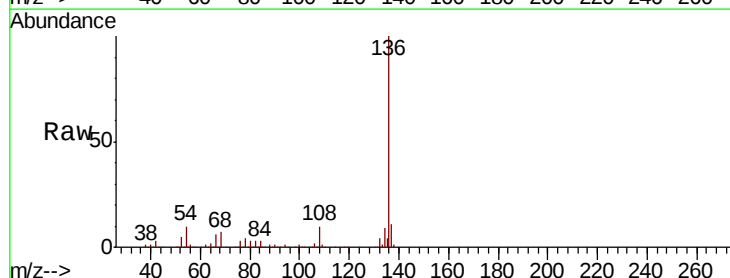
Ion Ratio Lower Upper

136 100

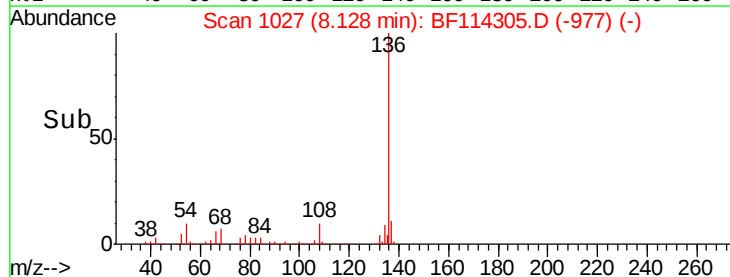
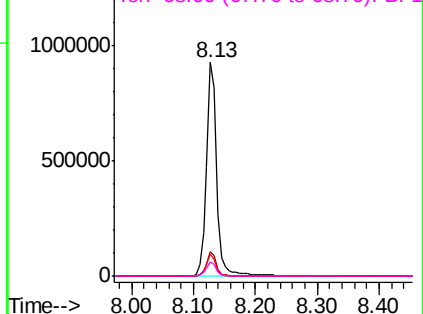
137 11.1 8.8 13.2

54 10.2 7.8 11.8

68 6.6 5.1 7.7



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

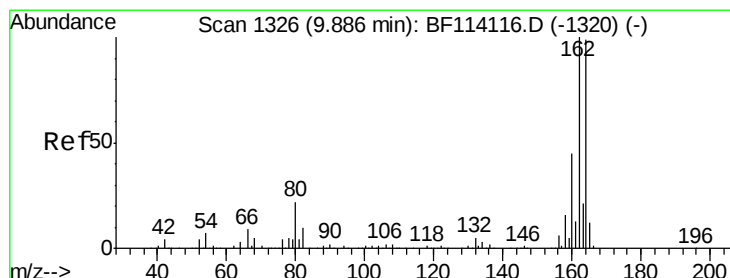
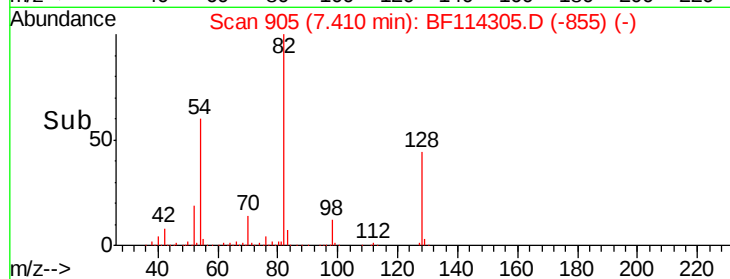
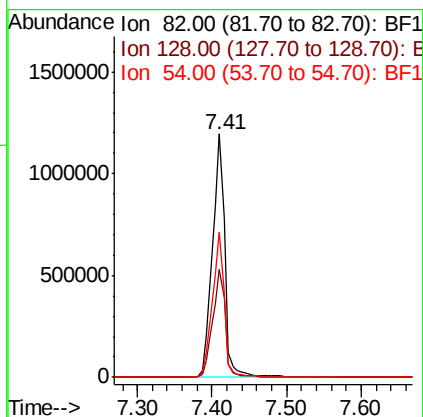
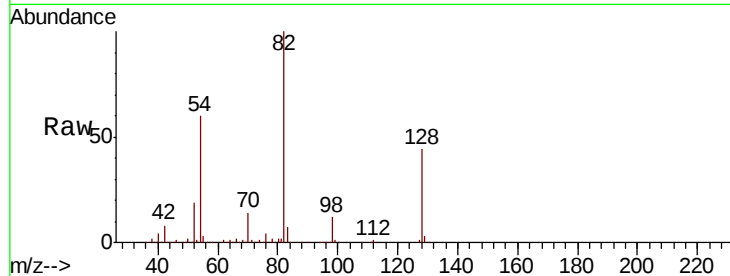




#23
Nitrobenzene-d5
Concen: 73.213 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114305.D
Acq: 16 May 2019 13:28

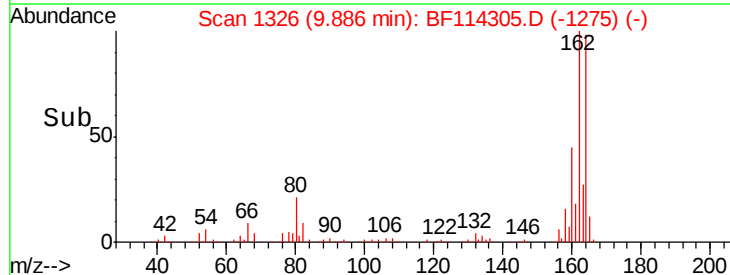
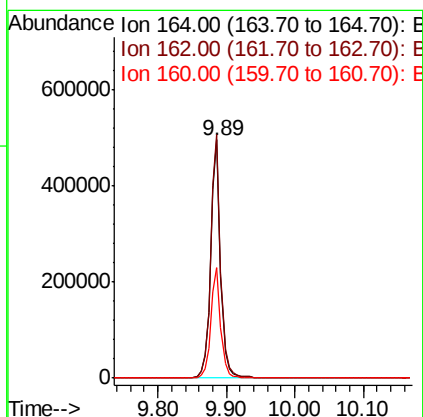
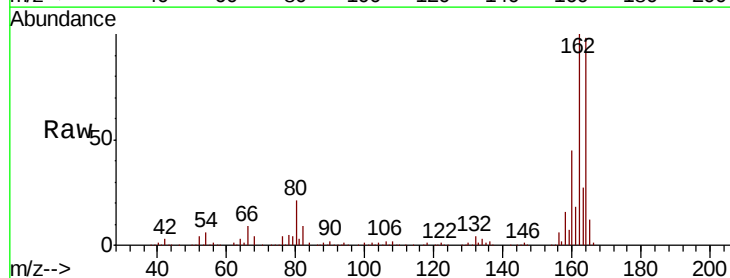
Instrument :
BNA_F
ClientSampleId :
PB119768BL

Tot Ion: 82 Resp: 1379604
Ion Ratio Lower Upper
82 100
128 44.3 35.5 53.3
54 59.7 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114305.D
Acq: 16 May 2019 13:28

Tgt Ion:164 Resp: 497906
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 46.5 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 100.672 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

PB119768BL

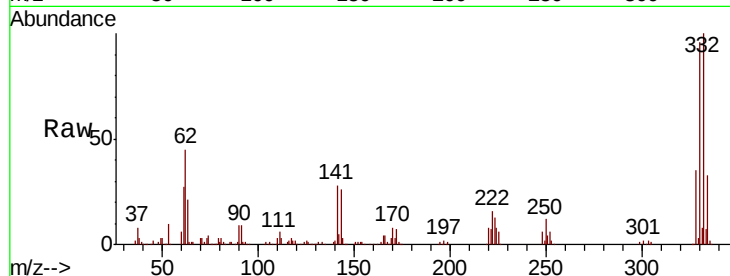
Tot Ion:330 Resp: 518208

Ion Ratio Lower Upper

330 100

332 103.1 81.4 122.2

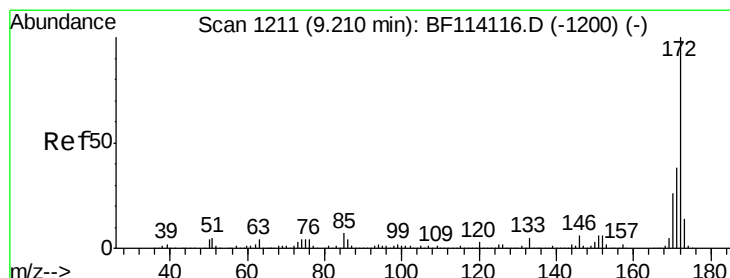
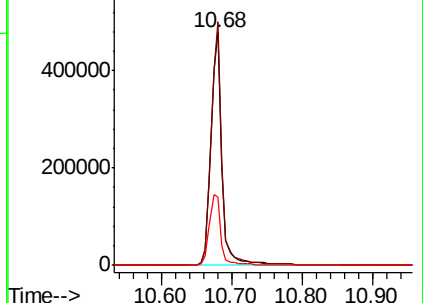
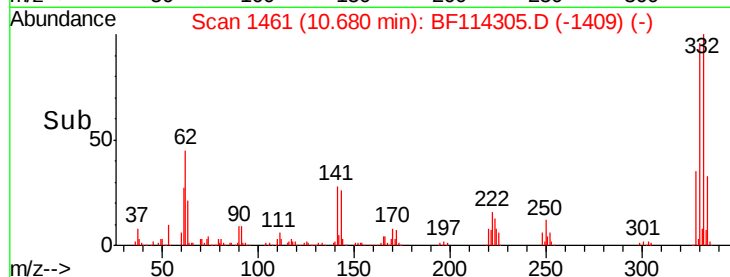
141 32.6 26.6 40.0



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: 72.859 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

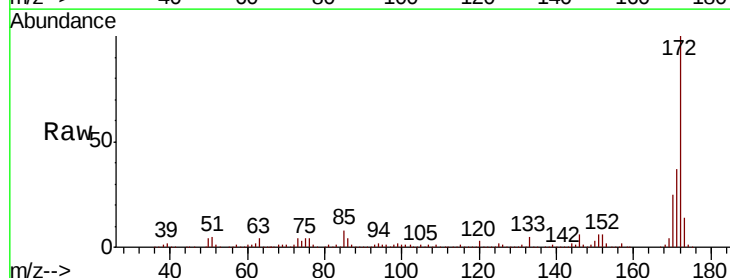
Tgt Ion:172 Resp: 2398225

Ion Ratio Lower Upper

172 100

171 36.6 30.7 46.1

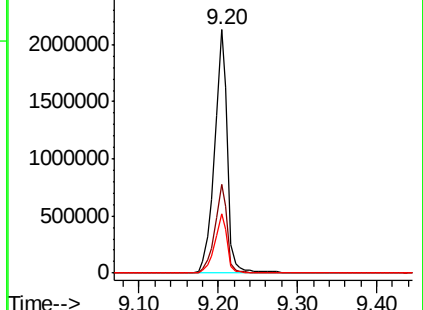
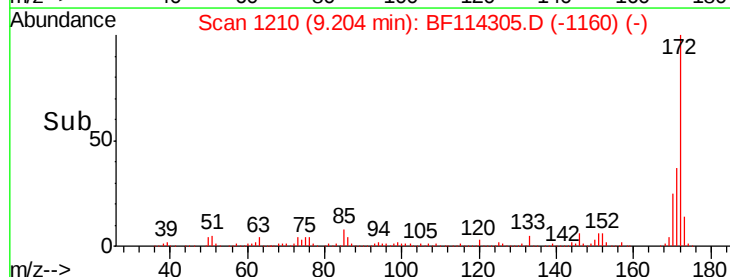
170 24.6 20.5 30.7

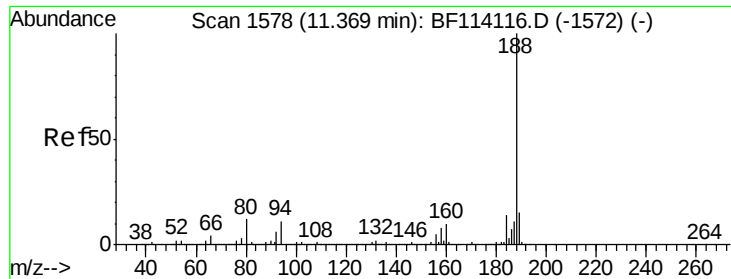


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

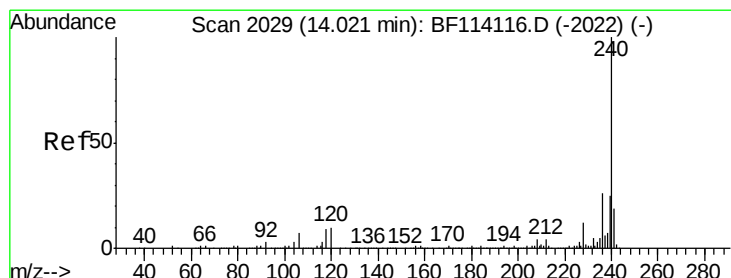
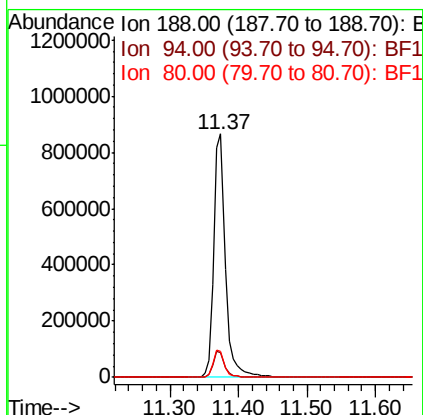
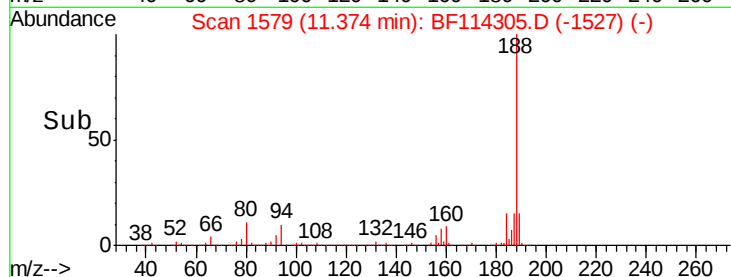
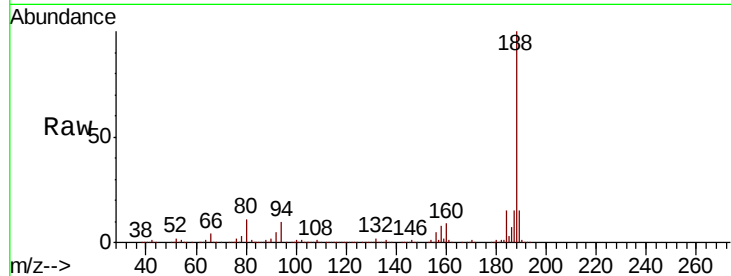




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114305.D
Acq: 16 May 2019 13:28

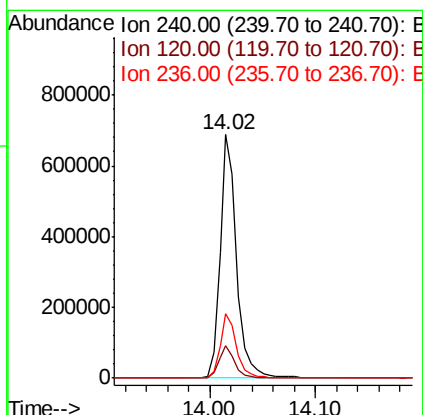
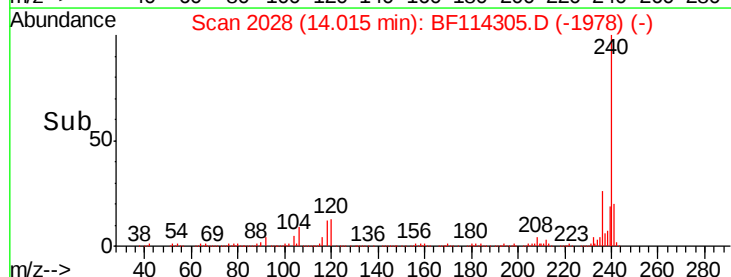
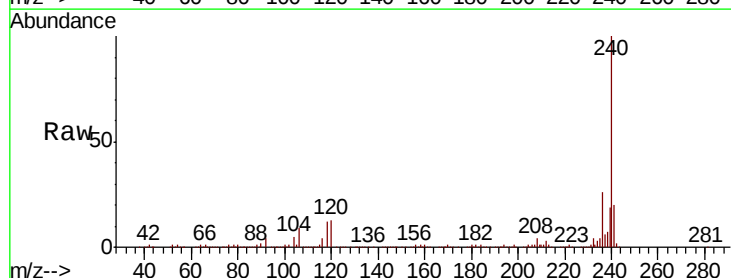
Instrument :
BNA_F
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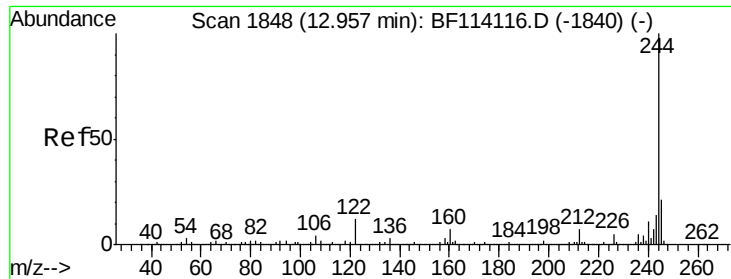
Tot Ion:188 Resp: 1000309
Ion Ratio Lower Upper
188 100
94 10.2 8.4 12.6
80 10.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114305.D
Acq: 16 May 2019 13:28

Tgt Ion:240 Resp: 753403
Ion Ratio Lower Upper
240 100
120 13.4 8.3 12.5#
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 65.473 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

PB119768BL

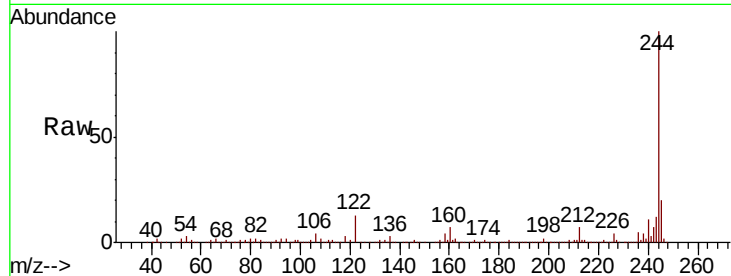
Tot Ion:244 Resp: 2392877

Ion Ratio Lower Upper

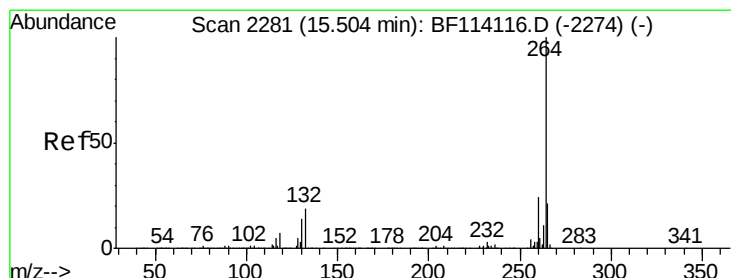
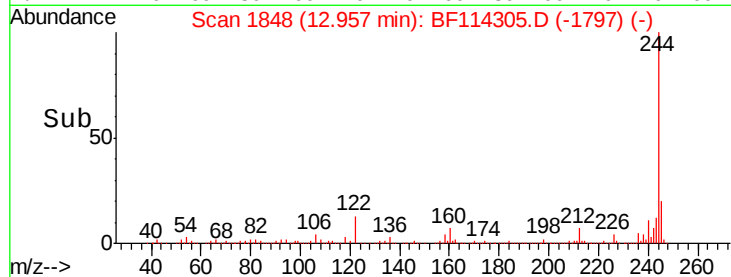
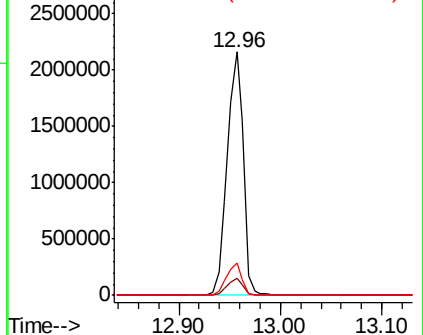
244 100

212 6.9 5.8 8.6

122 13.1 9.4 14.2



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: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

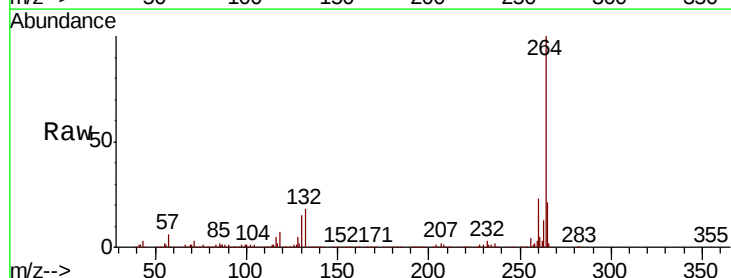
Tgt Ion:264 Resp: 722568

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

265 21.4 16.9 25.3



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

