

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114402.D
 Acq On : 18 May 2019 20:09
 Operator : JU/SJ
 Sample : K2881-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-047

Quant Time: May 20 07:34:51 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

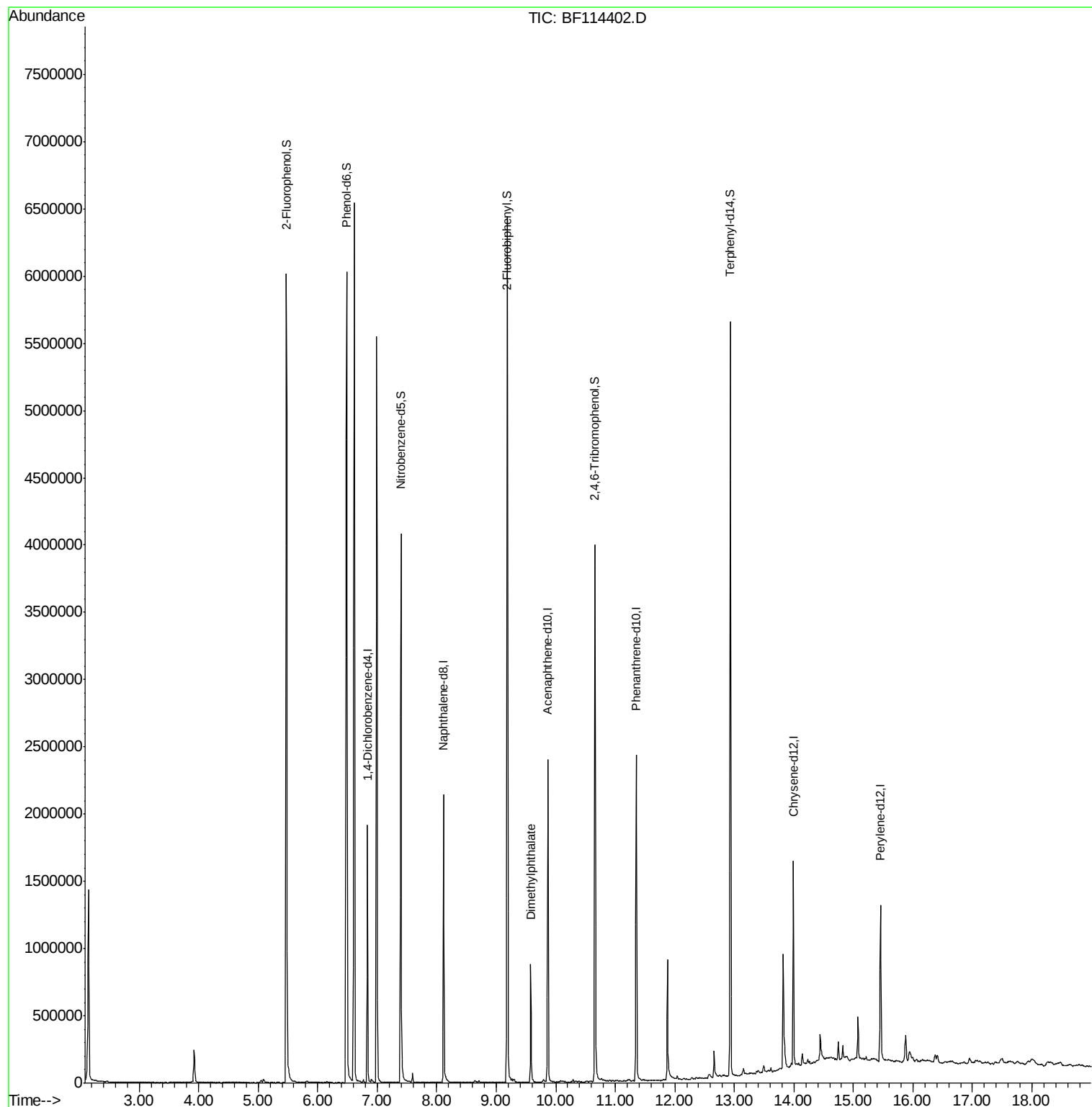
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	273114	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1039594	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	483059	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	953596	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	514444	20.00	ng	-0.03
87) Perylene-d12	15.46	264	553654	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1828910	107.76	ng	0.00
7) Phenol-d6	6.49	99	2430458	121.08	ng	0.00
23) Nitrobenzene-d5	7.40	82	1539981	83.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	565140	113.16	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2363527	74.01	ng	-0.02
79) Terphenyl-d14	12.93	244	2087214	83.64	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	380664	10.735	ng	Qvalue 99

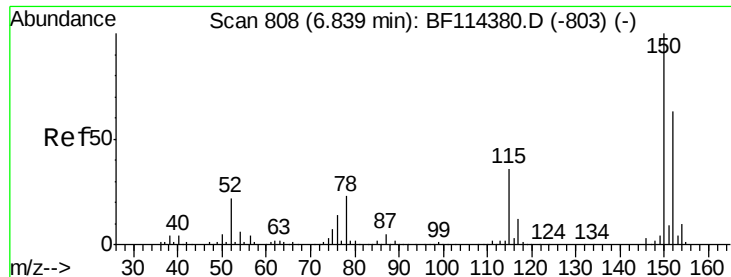
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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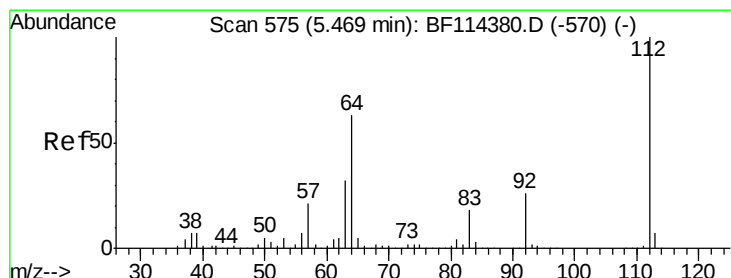
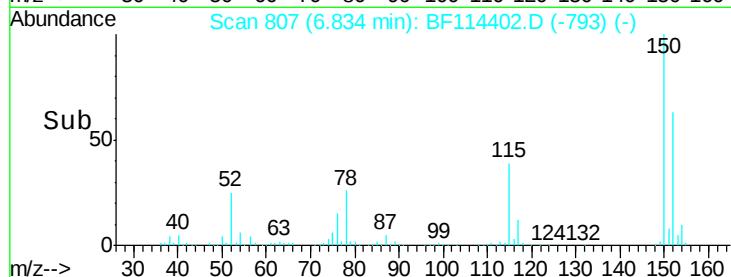
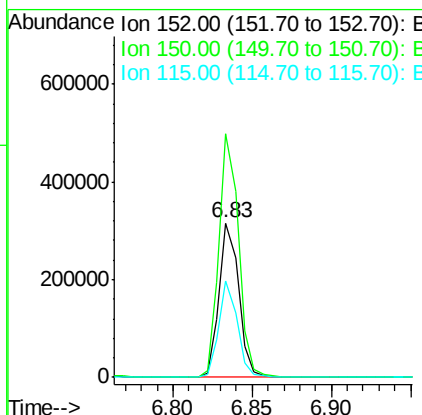
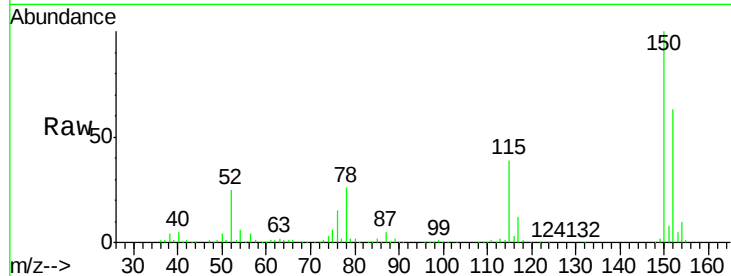


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114402.D
Acq: 18 May 2019 20:09

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047

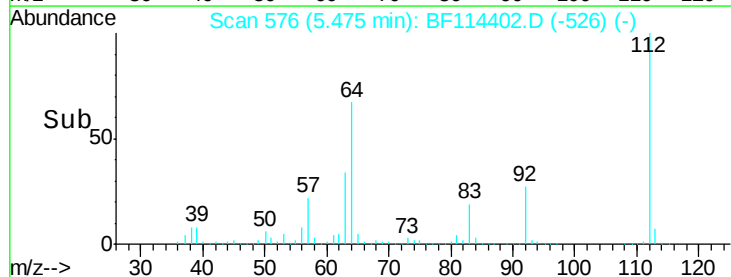
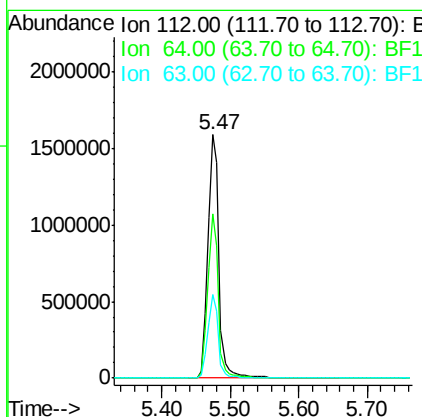
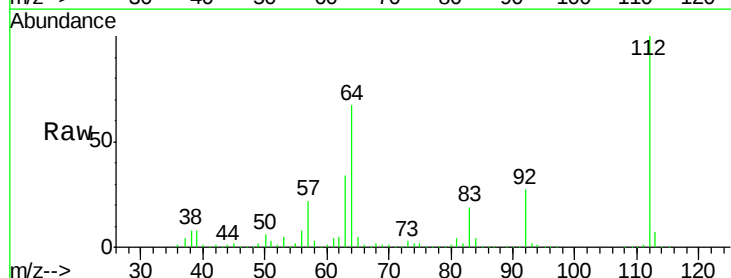
Tgt Ion:152 Resp: 273114
Ion Ratio Lower Upper
152 100
150 157.7 124.3 186.5
115 62.0 49.1 73.7

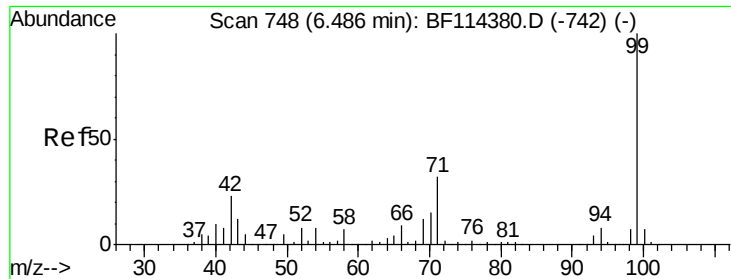


#5

2-Fluorophenol
Concen: 107.764 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114402.D
Acq: 18 May 2019 20:09

Tgt Ion:112 Resp: 1828910
Ion Ratio Lower Upper
112 100
64 67.3 49.0 73.6
63 34.4 24.6 37.0





#7

Phenol-d6

Concen: 121.083 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114402.D

Acq: 18 May 2019 20:09

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047

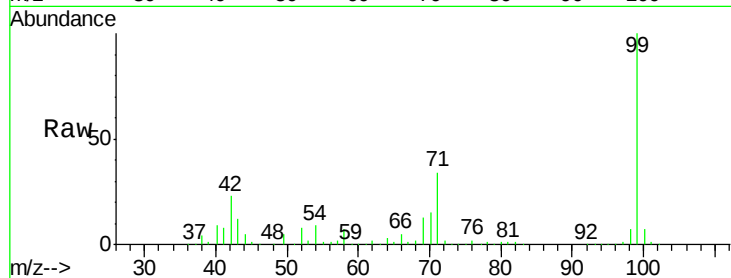
Tgt Ion: 99 Resp: 2430458

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

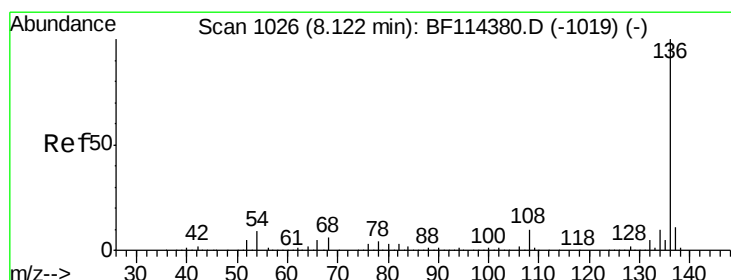
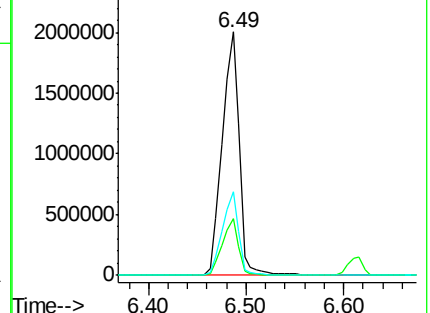
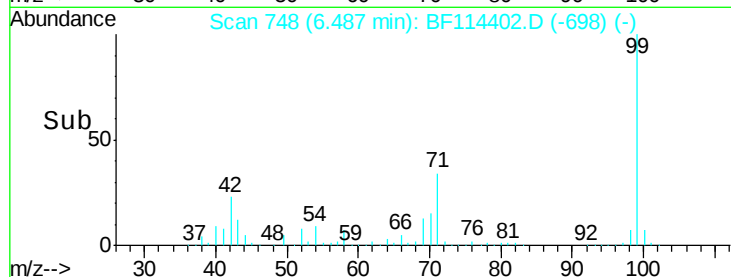
71 34.5 26.2 39.2



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114402.D

Acq: 18 May 2019 20:09

Tgt Ion: 136 Resp: 1039594

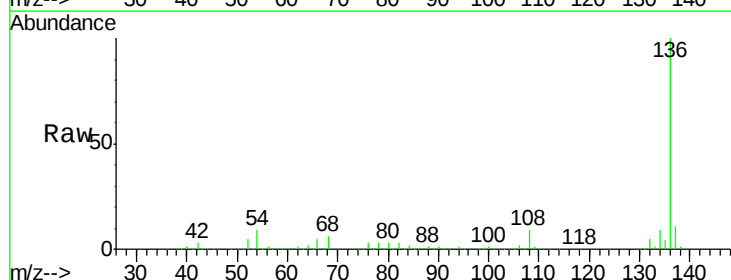
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.4 7.8 11.8

68 6.2 5.1 7.7

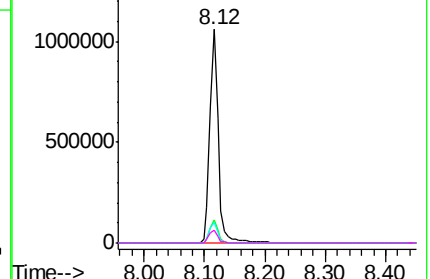
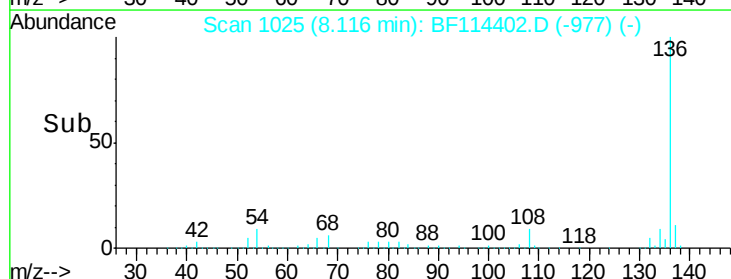


Abundance Ion 136.00 (135.70 to 136.70): E

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

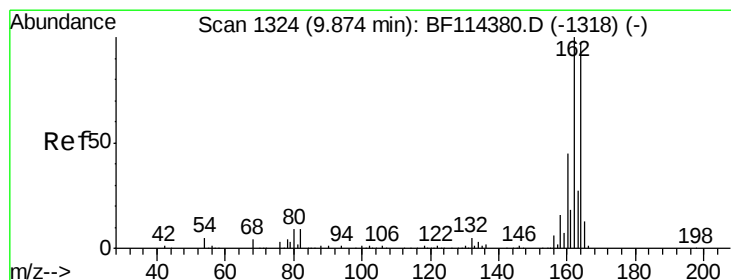
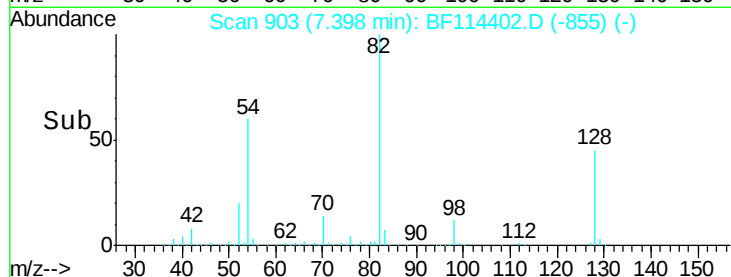
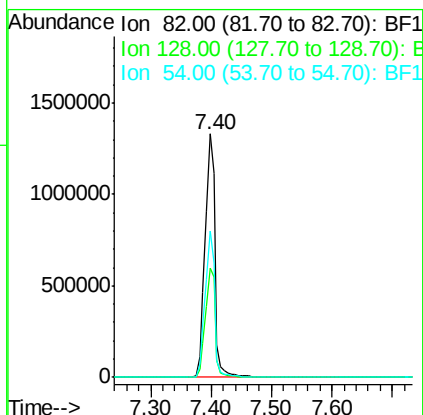
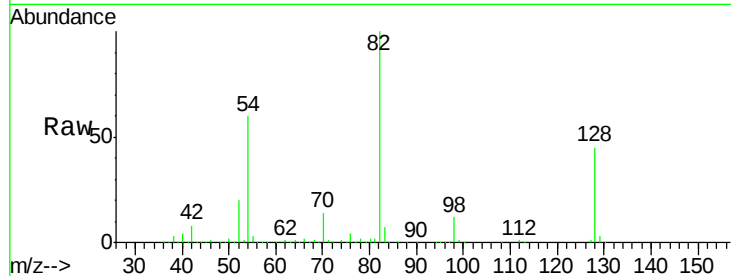




#23
 Nitrobenzene-d5
 Concen: 83.132 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114402.D
 Acq: 18 May 2019 20:09

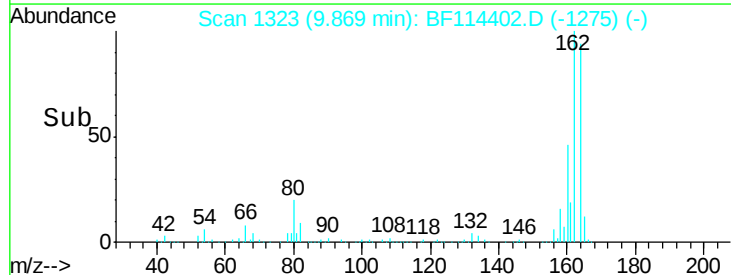
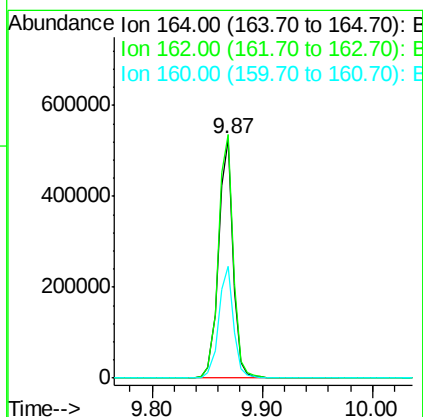
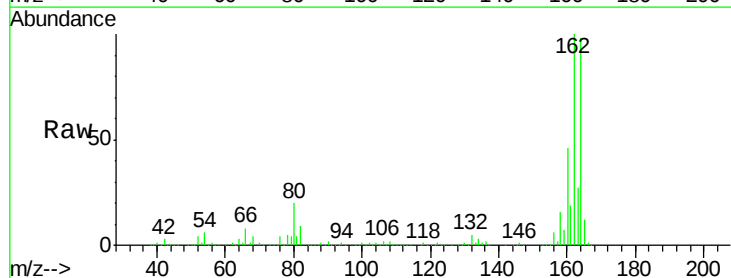
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-047

Tgt Ion: 82 Resp: 1539981
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.5 53.3
 54 59.9 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114402.D
 Acq: 18 May 2019 20:09

Tgt Ion: 164 Resp: 483059
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.6 120.8
 160 46.8 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 113.163 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114402.D

Acq: 18 May 2019 20:09

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047

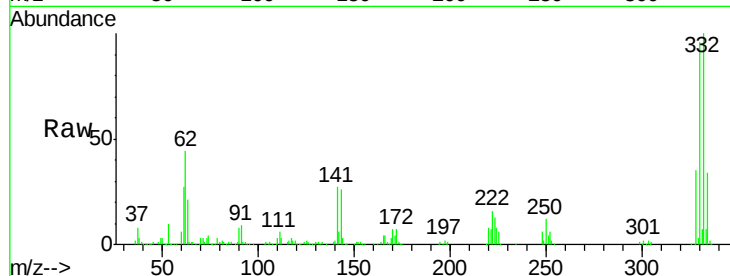
Tgt Ion:330 Resp: 565140

Ion Ratio Lower Upper

330 100

332 103.1 81.4 122.2

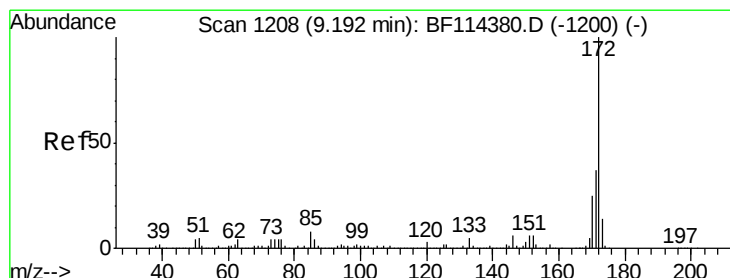
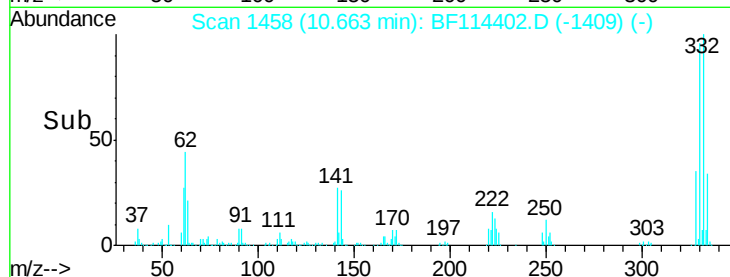
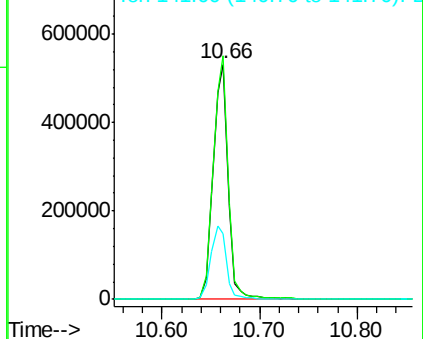
141 32.9 26.6 40.0



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: 74.012 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF114402.D

Acq: 18 May 2019 20:09

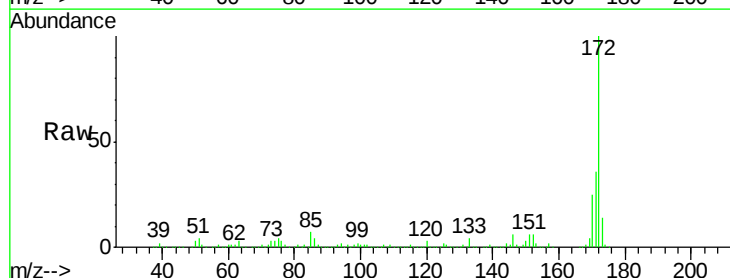
Tgt Ion:172 Resp: 2363527

Ion Ratio Lower Upper

172 100

171 36.5 30.7 46.1

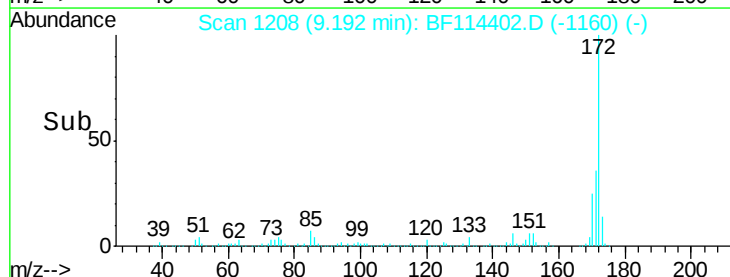
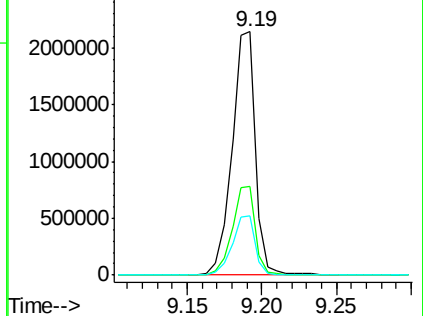
170 24.6 20.5 30.7

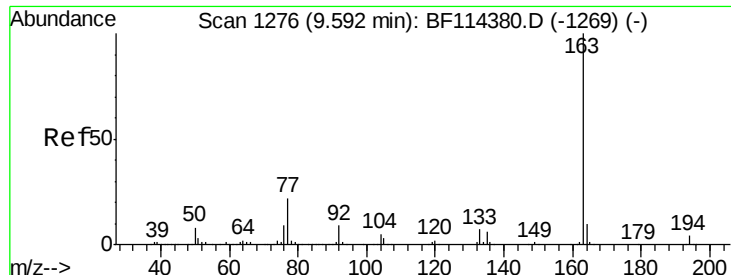


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

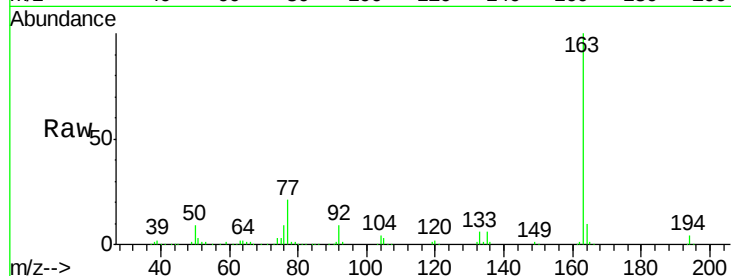




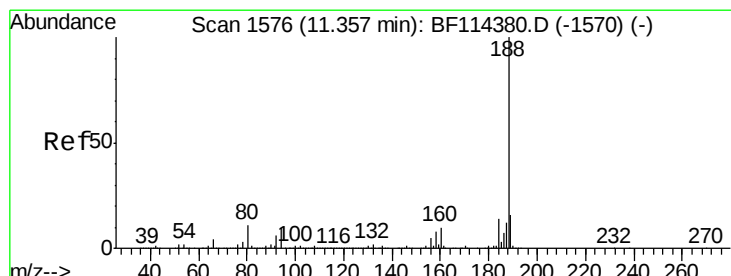
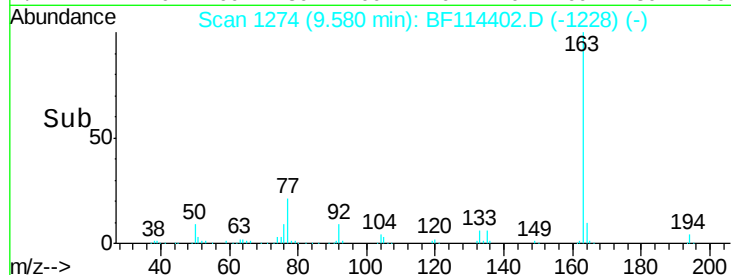
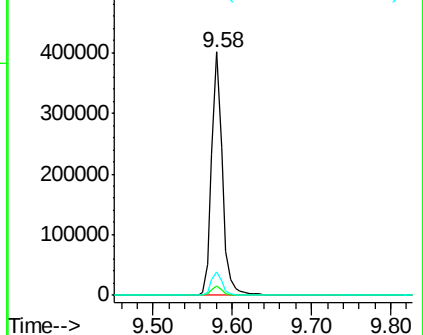
#50
Dimethylphthalate
Concen: 10.735 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF114402.D
Acq: 18 May 2019 20:09

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion:163 Resp: 380664
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.9 8.2 12.2

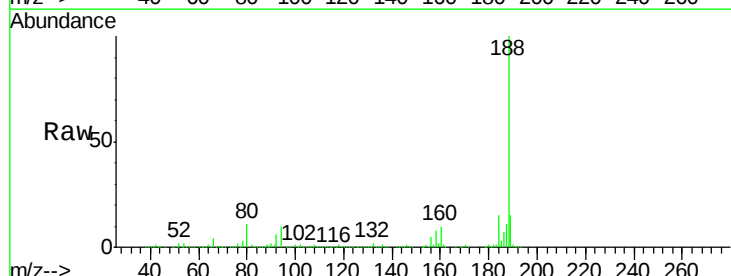


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

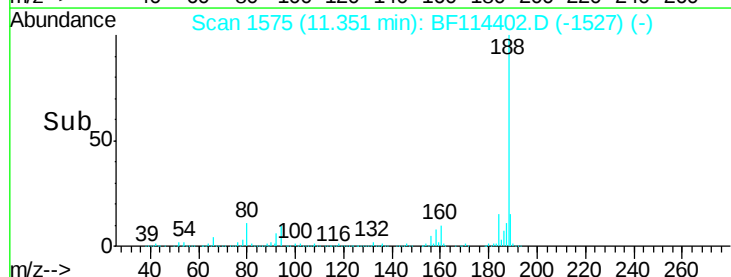
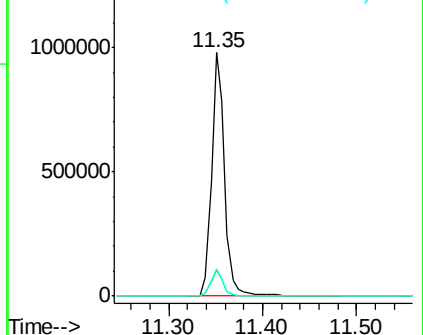


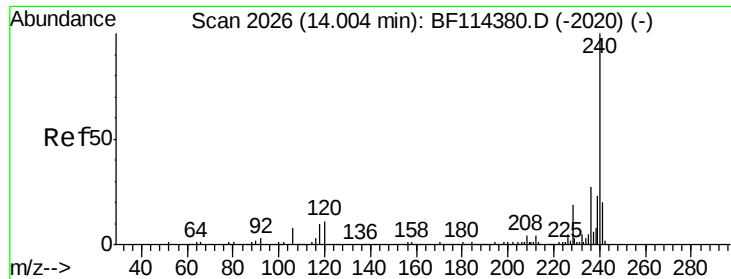
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114402.D
Acq: 18 May 2019 20:09

Tgt Ion:188 Resp: 953596
Ion Ratio Lower Upper
188 100
94 10.5 8.4 12.6
80 11.1 9.2 13.8



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.03 min

Lab File: BF114402.D

Acq: 18 May 2019 20:09

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047

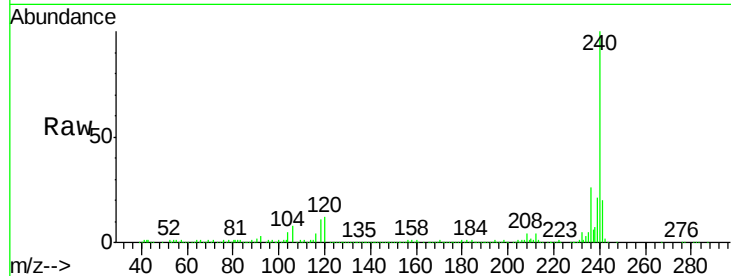
Tgt Ion:240 Resp: 514444

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

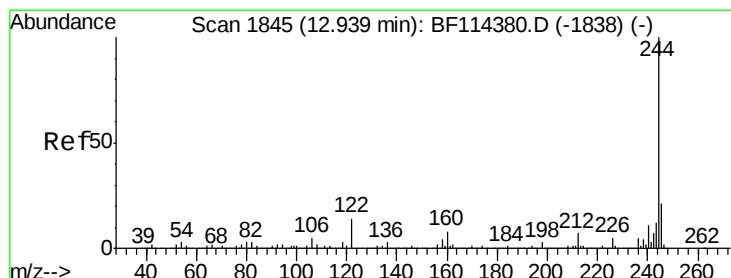
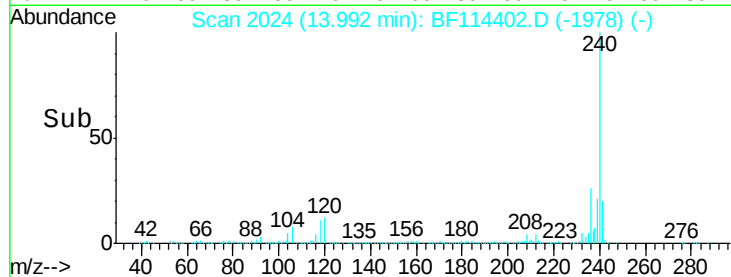
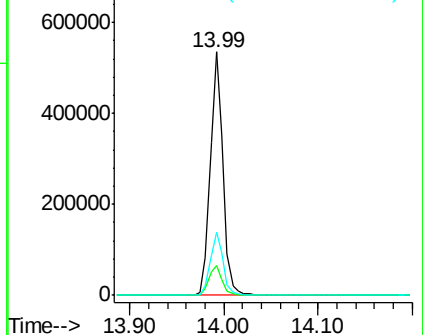
236 26.2 20.8 31.2



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: 83.637 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114402.D

Acq: 18 May 2019 20:09

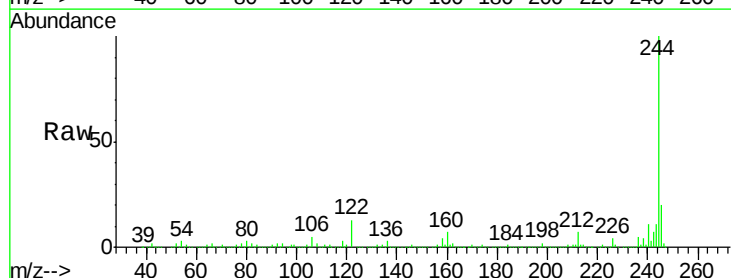
Tgt Ion:244 Resp: 2087214

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

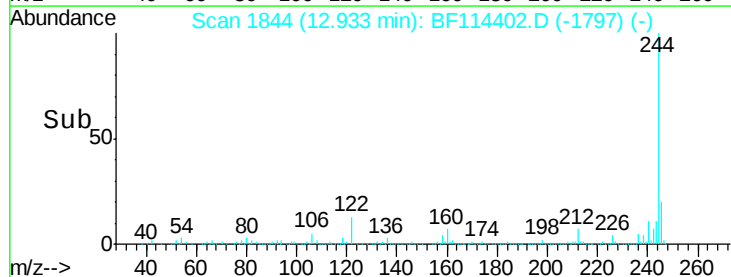
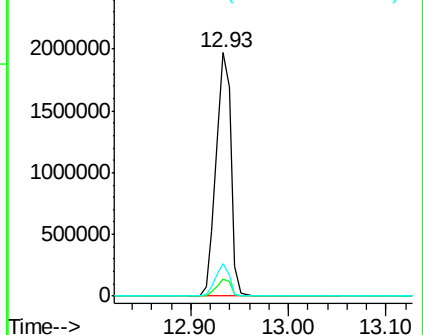
122 13.3 9.4 14.2

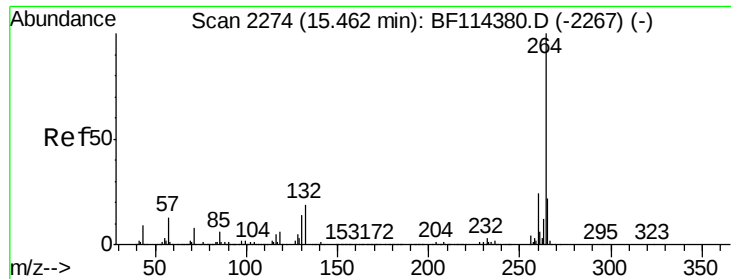


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
 Delta R.T. -0.05 min
 Lab File: BF114402.D
 Acq: 18 May 2019 20:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-047

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.3	16.9	25.3

