

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114396.D
 Acq On : 18 May 2019 17:30
 Operator : JU/SJ
 Sample : K2896-03 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-S

Quant Time: May 20 07:13:50 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

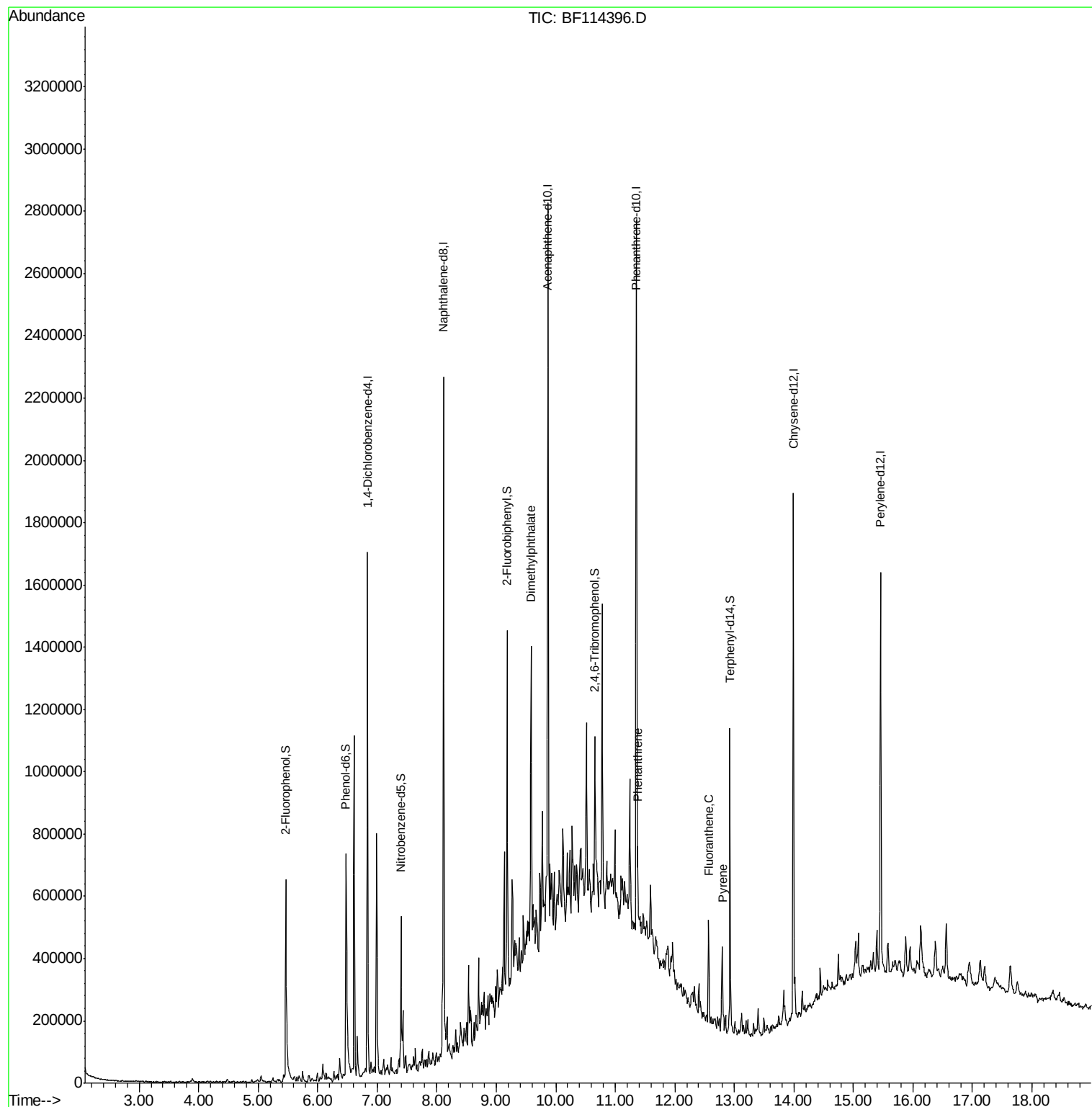
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	247212	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	973673	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	448205	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	863477	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	537717	20.00	ng	-0.03
87) Perylene-d12	15.46	264	579046	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	252084	16.41	ng	-0.02
7) Phenol-d6	6.47	99	369969	20.36	ng	-0.02
23) Nitrobenzene-d5	7.40	82	201083	11.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	58547	12.64	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	351160	11.85	ng	-0.02
79) Terphenyl-d14	12.93	244	317991	12.19	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.58	163	70310	2.137	ng	Qvalue # 95
71) Phenanthrene	11.37	178	90517	2.155	ng	97
75) Fluoranthene	12.57	202	129253	2.857	ng	99
78) Pyrene	12.80	202	114765	2.653	ng	97

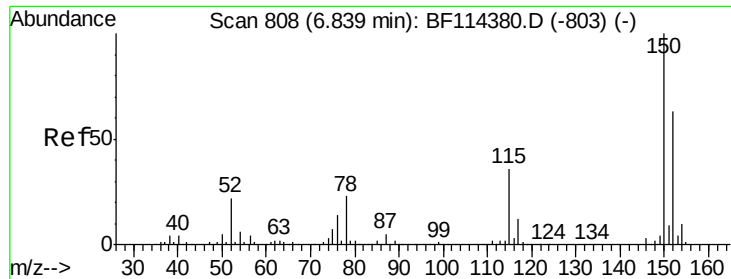
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



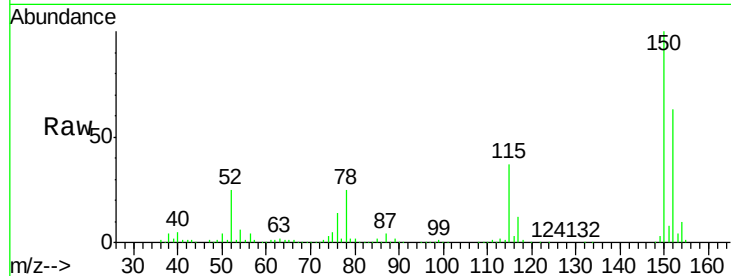


#1

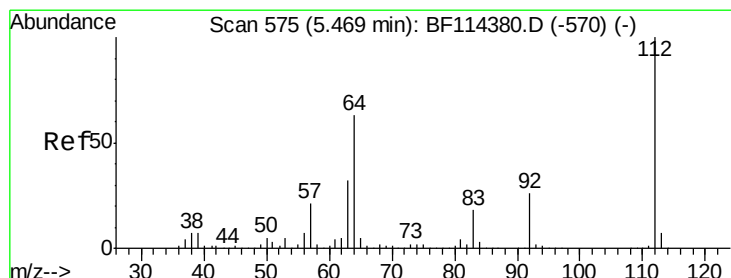
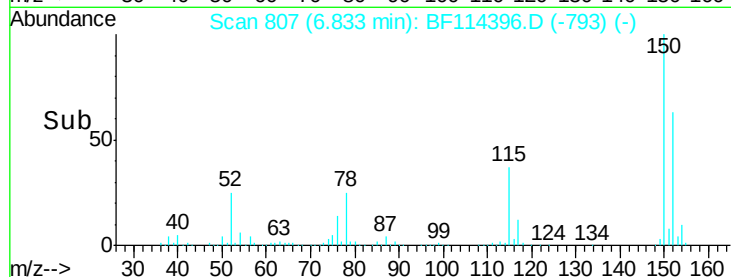
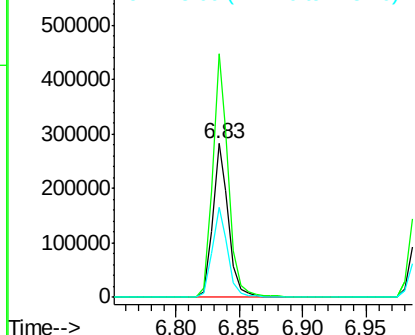
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF114396.D
 Acq: 18 May 2019 17:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-S

Tgt Ion:152 Resp: 247212
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.3 186.5
 115 58.5 49.1 73.7



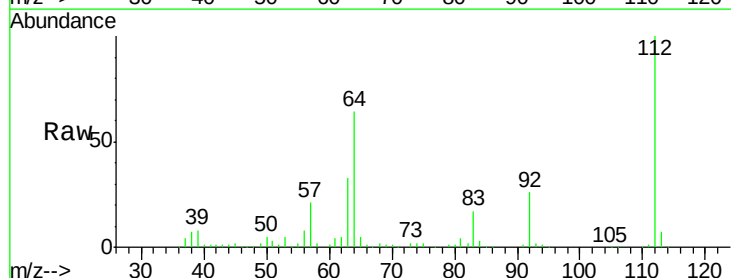
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



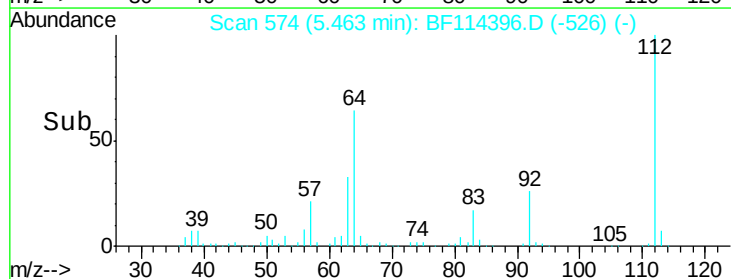
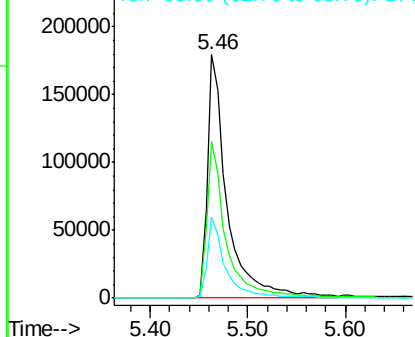
#5

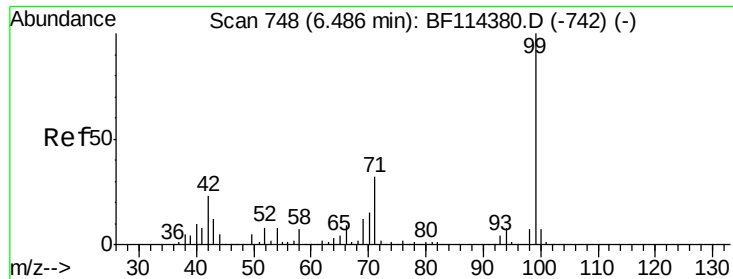
2-Fluorophenol
 Concen: 16.410 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF114396.D
 Acq: 18 May 2019 17:30

Tgt Ion:112 Resp: 252084
 Ion Ratio Lower Upper
 112 100
 64 64.4 49.0 73.6
 63 33.1 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: 20.363 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF114396.D

Acq: 18 May 2019 17:30

Instrument :

BNA_F

ClientSampleId :

TP-18-S

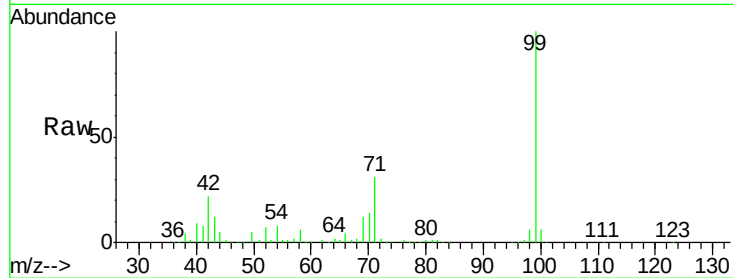
Tgt Ion: 99 Resp: 369969

Ion Ratio Lower Upper

99 100

42 21.5 17.9 26.9

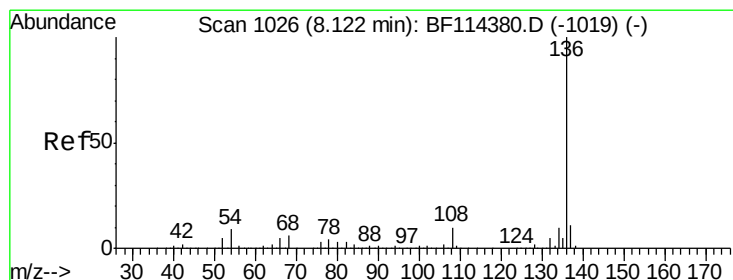
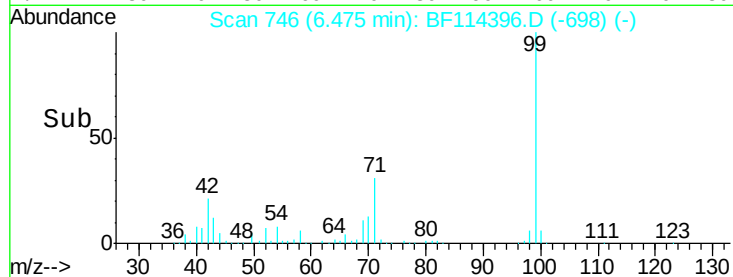
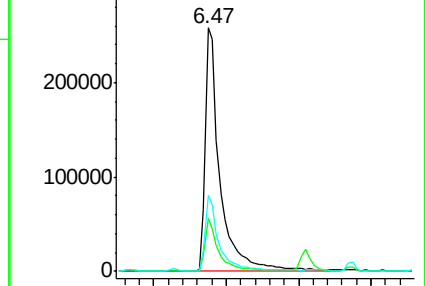
71 31.0 26.2 39.2



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: BF114396.D

Acq: 18 May 2019 17:30

Tgt Ion: 136 Resp: 973673

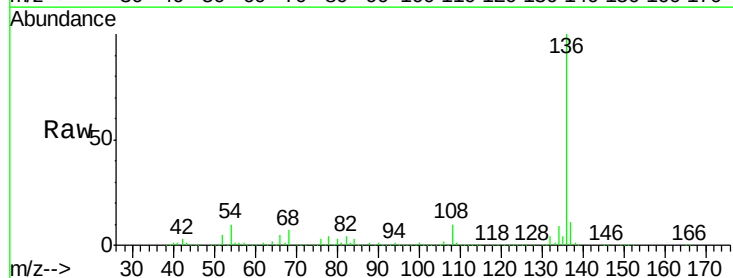
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 9.7 7.8 11.8

68 6.5 5.1 7.7

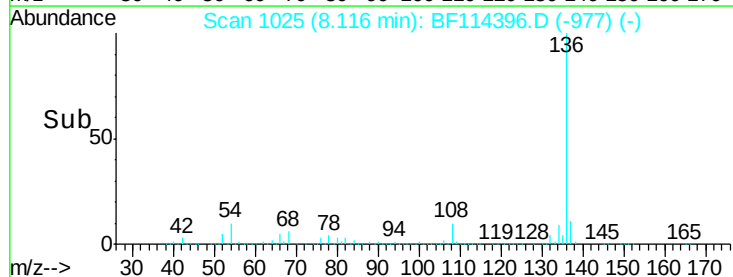
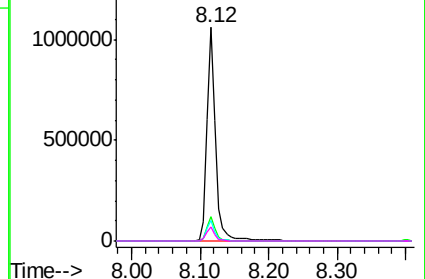


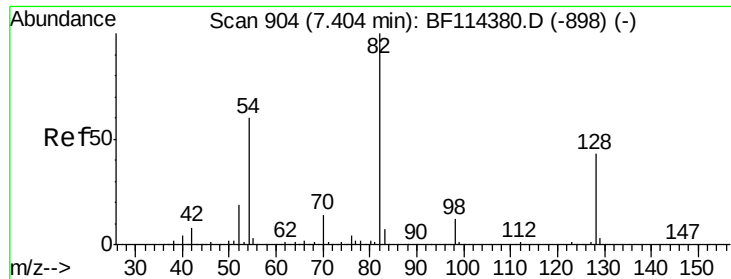
Abundance Ion 136.00 (135.70 to 136.70): E

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

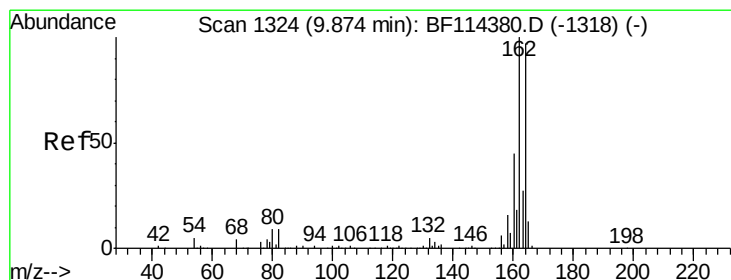
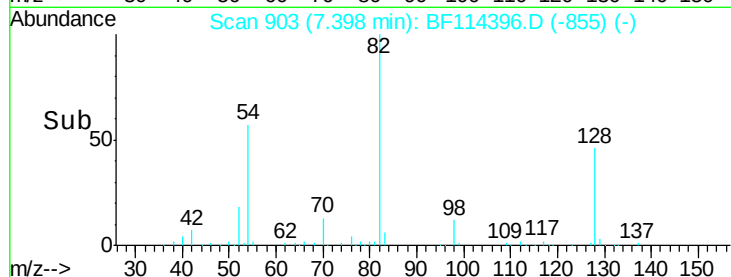
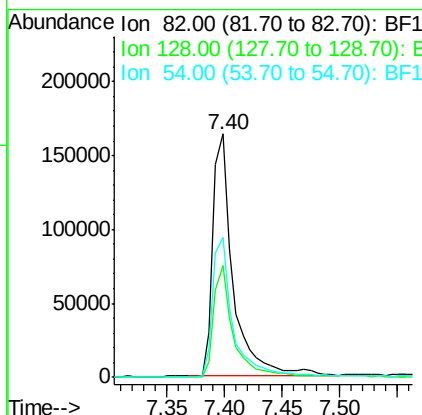
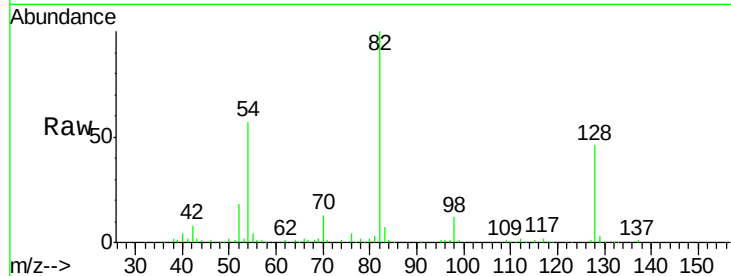




#23
 Nitrobenzene-d5
 Concen: 11.590 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114396.D
 Acq: 18 May 2019 17:30

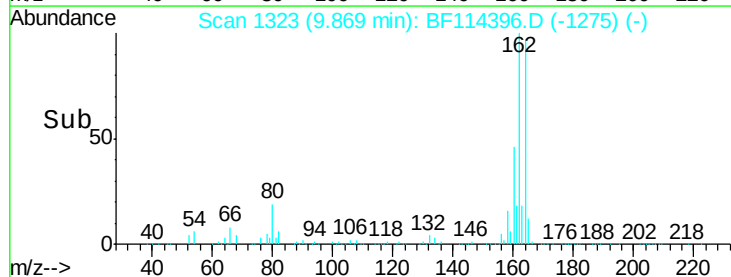
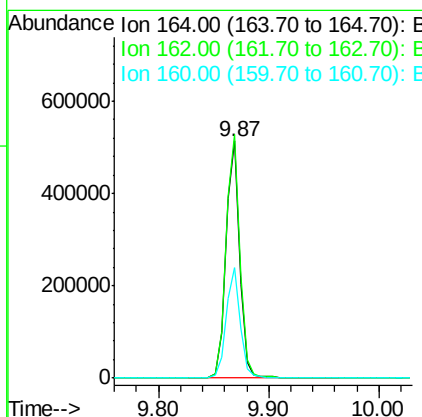
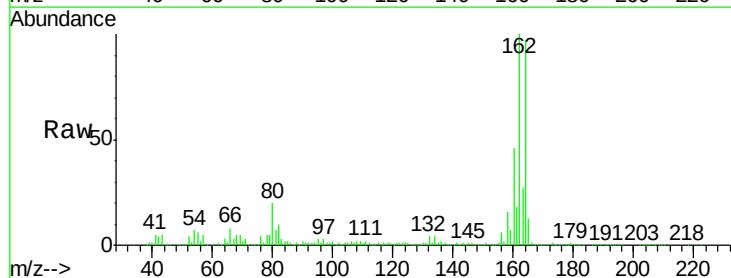
Instrument :
 BNA_F
 ClientSampleId :
 TP-18-S

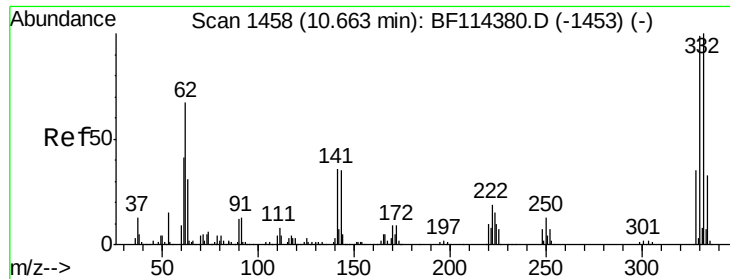
Tgt Ion: 82 Resp: 201083
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.5 53.3
 54 57.4 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114396.D
 Acq: 18 May 2019 17:30

Tgt Ion: 164 Resp: 448205
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.6 120.8
 160 46.8 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 12.635 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF114396.D

Acq: 18 May 2019 17:30

Instrument :

BNA_F

ClientSampleId :

TP-18-S

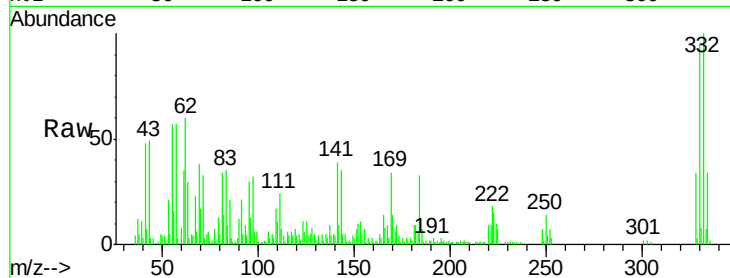
Tgt Ion:330 Resp: 58547

Ion Ratio Lower Upper

330 100

332 104.3 81.4 122.2

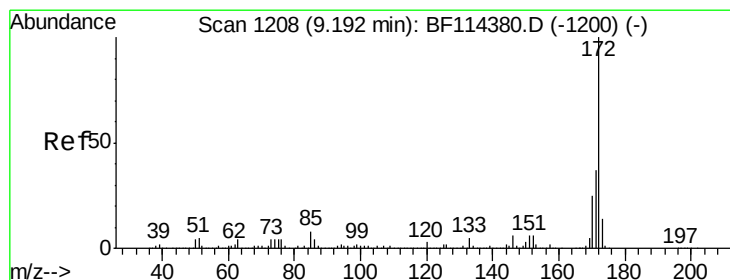
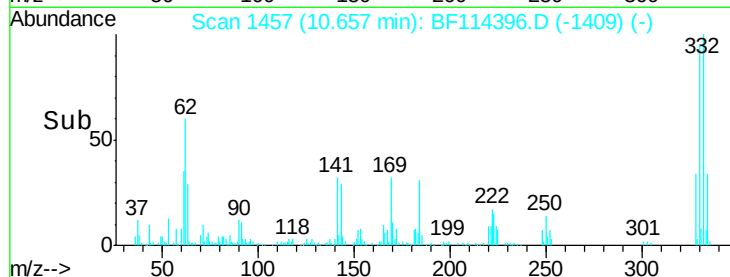
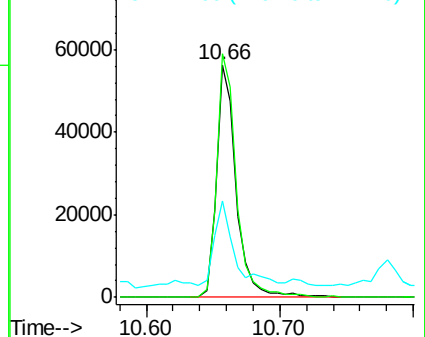
141 34.7 26.6 40.0



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: 11.851 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF114396.D

Acq: 18 May 2019 17:30

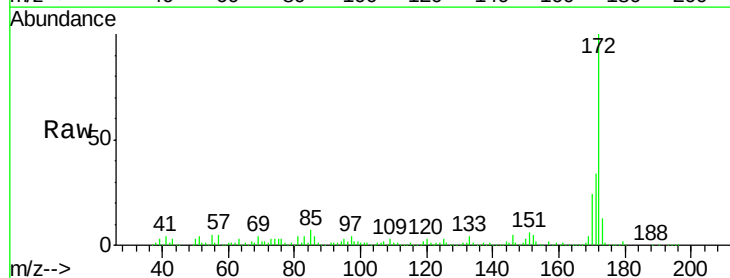
Tgt Ion:172 Resp: 351160

Ion Ratio Lower Upper

172 100

171 34.3 30.7 46.1

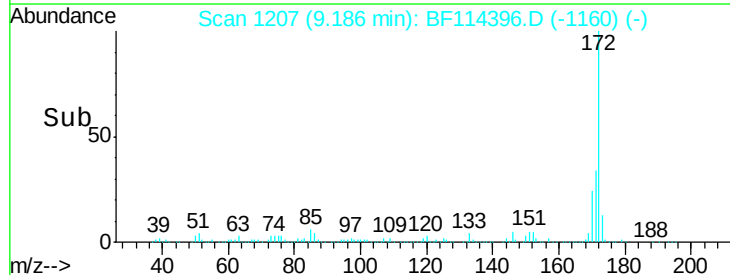
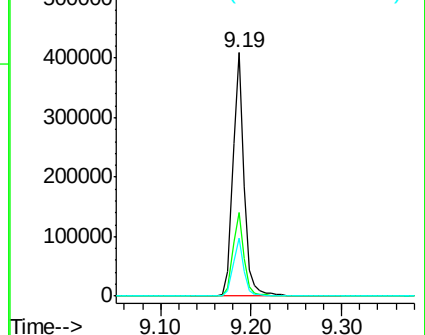
170 23.9 20.5 30.7

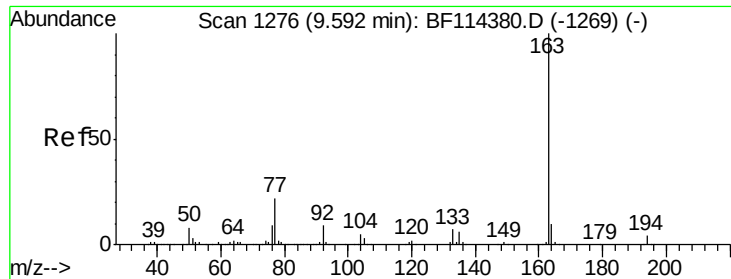


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.137 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF114396.D

Acq: 18 May 2019 17:30

Instrument :

BNA_F

ClientSampleId :

TP-18-S

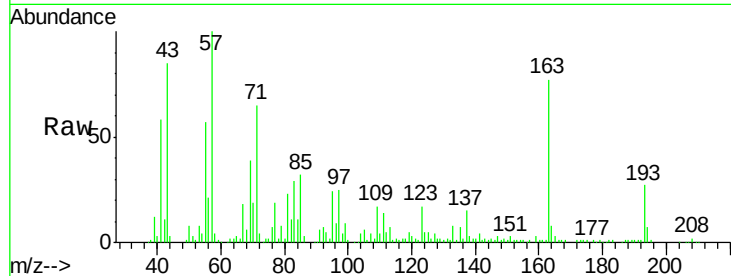
Tgt Ion:163 Resp: 70310

Ion Ratio Lower Upper

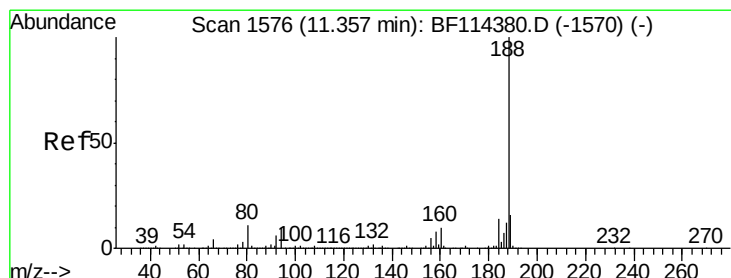
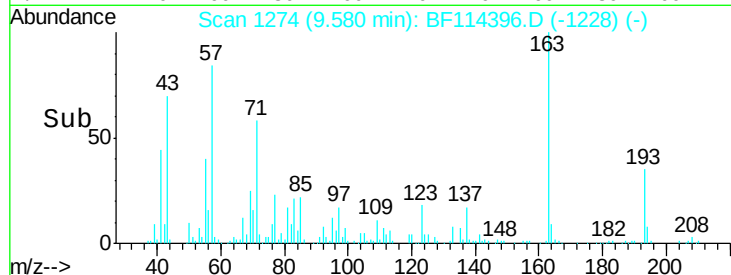
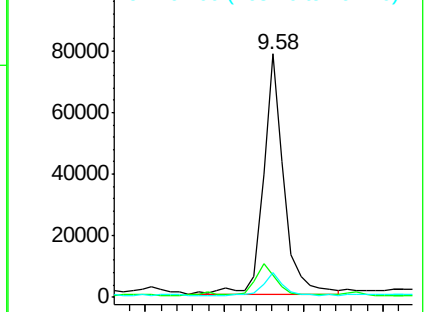
163 100

194 9.2 3.4 5.0#

164 10.0 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: BF114396.D

Acq: 18 May 2019 17:30

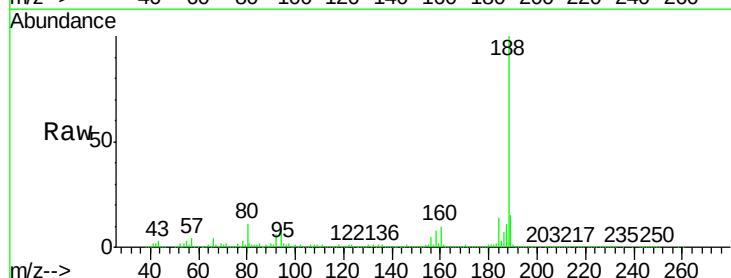
Tgt Ion:188 Resp: 863477

Ion Ratio Lower Upper

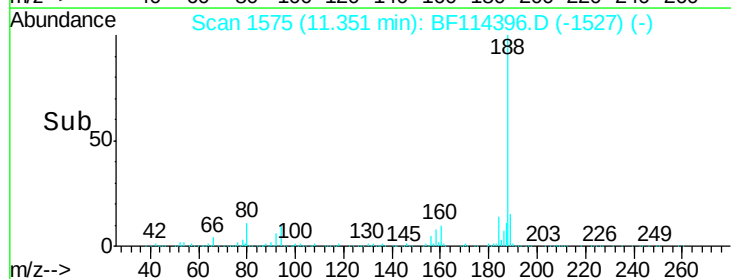
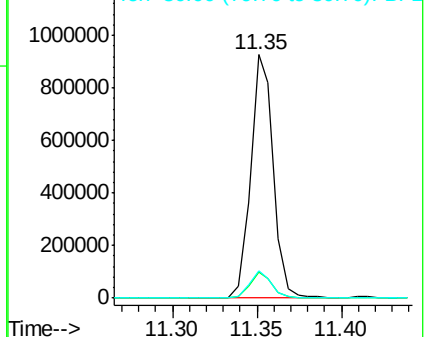
188 100

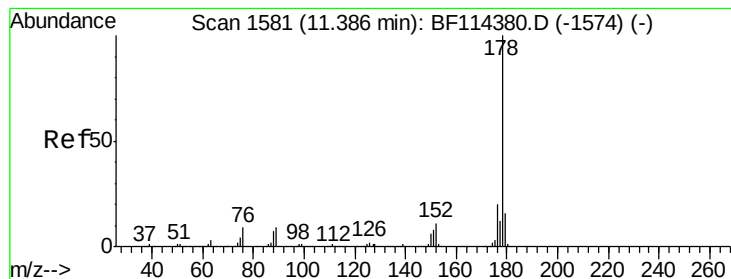
94 10.4 8.4 12.6

80 11.5 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





#71

Phenanthrene

Concen: 2.155 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF114396.D

Acq: 18 May 2019 17:30

Instrument :

BNA_F

ClientSampled :

TP-18-S

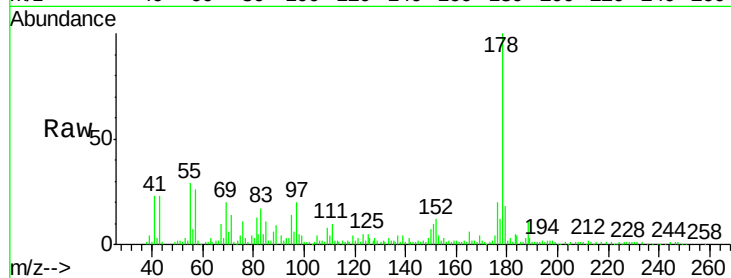
Tgt Ion:178 Resp: 90517

Ion Ratio Lower Upper

178 100

176 19.9 16.4 24.6

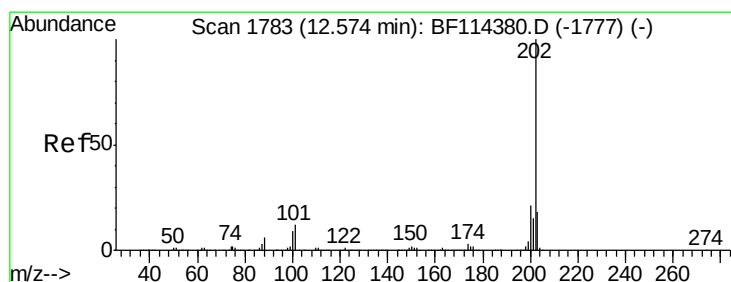
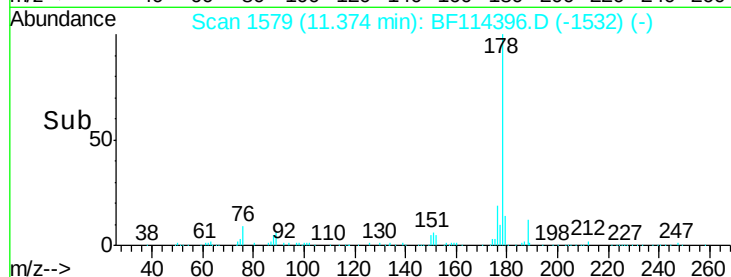
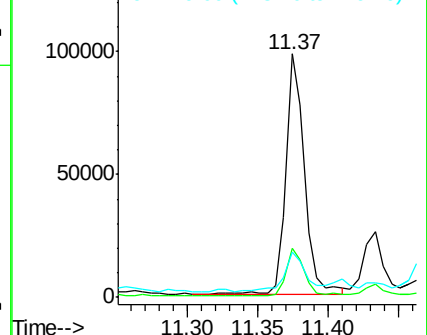
179 18.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 2.857 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF114396.D

Acq: 18 May 2019 17:30

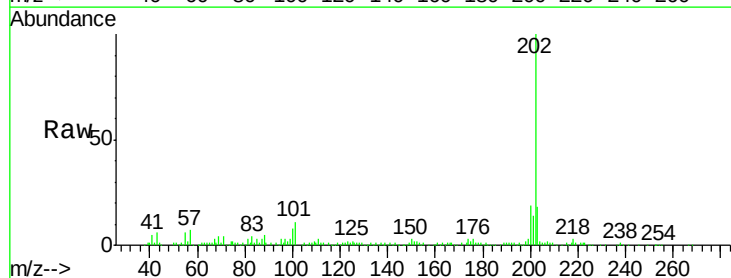
Tgt Ion:202 Resp: 129253

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.0

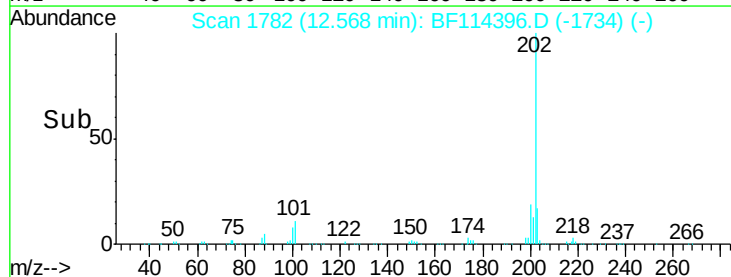
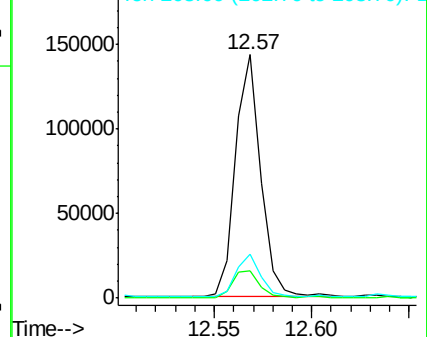
203 17.8 0.0 38.4

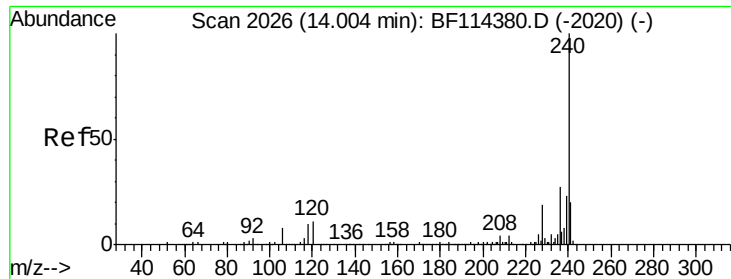


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

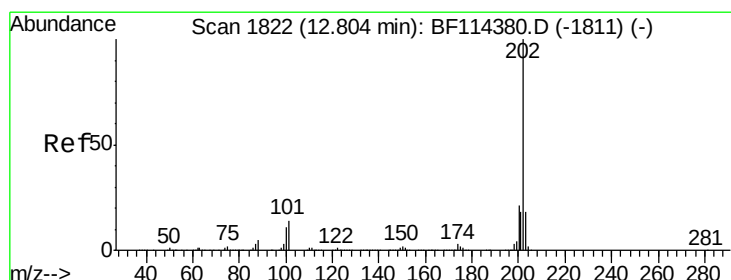
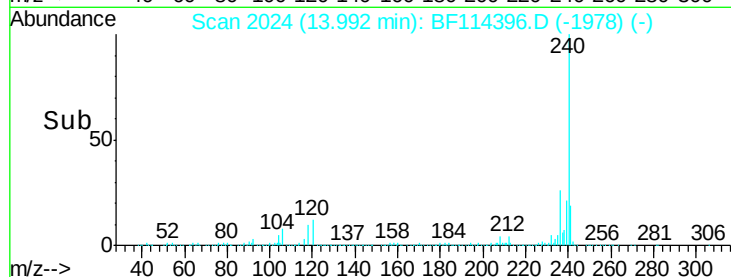
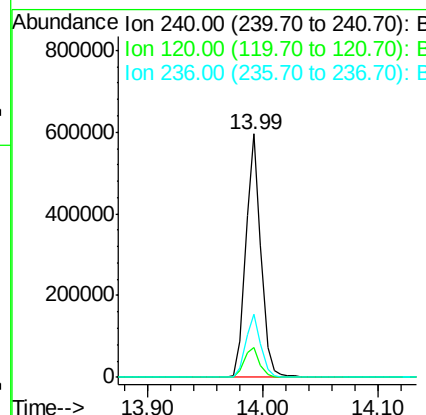
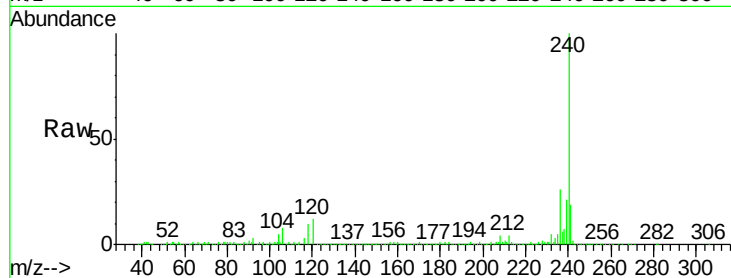




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114396.D
 Acq: 18 May 2019 17:30

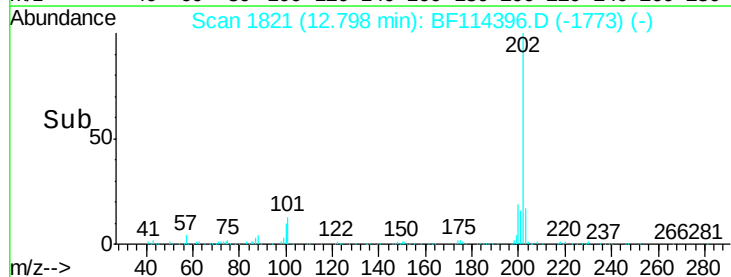
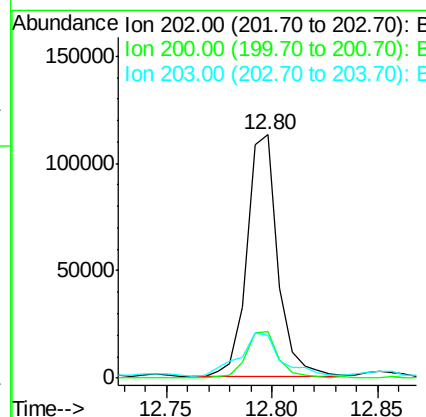
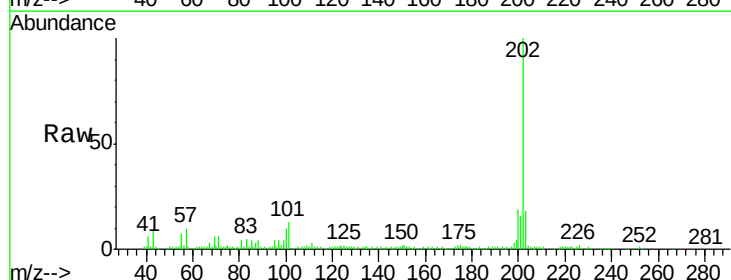
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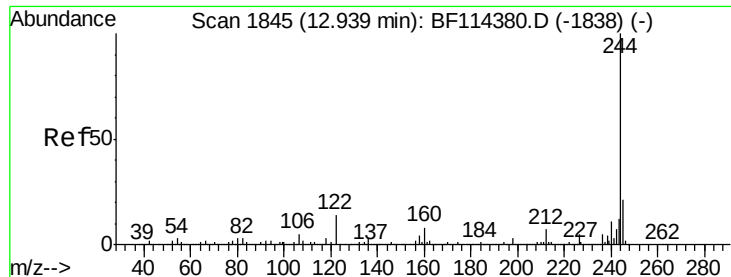
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	26.0	20.8	31.2



#78
 Pyrene
 Concen: 2.653 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BF114396.D
 Acq: 18 May 2019 17:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.9	25.3
203	17.8	14.5	21.7





#79

Terphenyl-d14

Concen: 12.191 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.03 min

Lab File: BF114396.D

Acq: 18 May 2019 17:30

Instrument :

BNA_F

ClientSampled :

TP-18-S

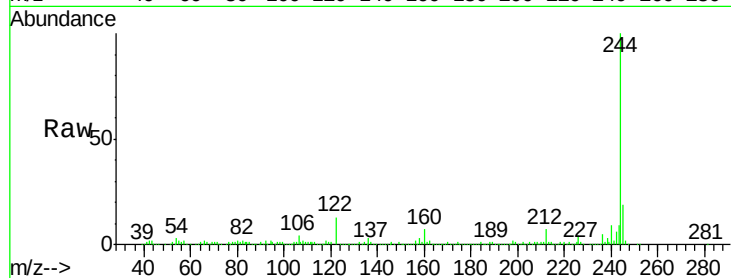
Tgt Ion:244 Resp: 317991

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

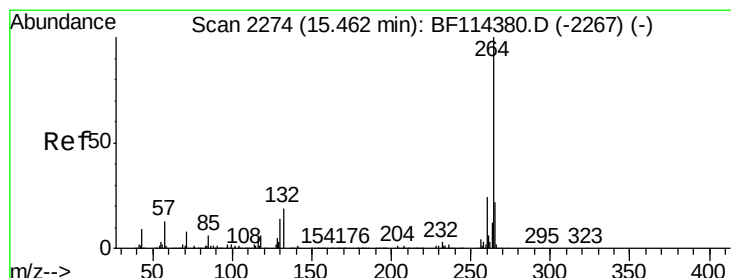
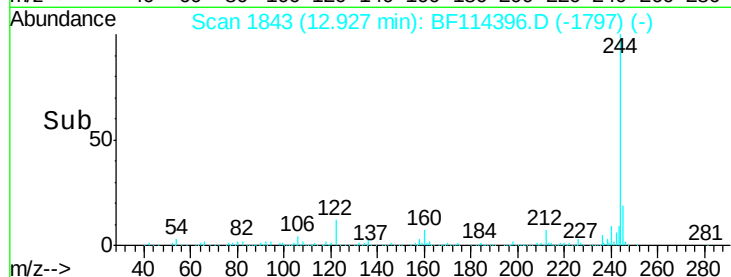
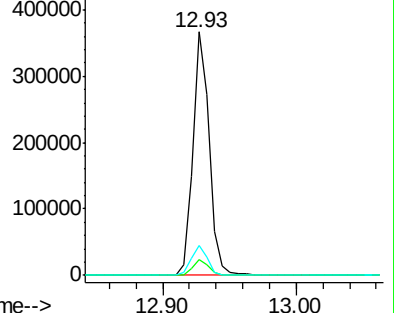
122 12.5 9.4 14.2



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: BF114396.D

Acq: 18 May 2019 17:30

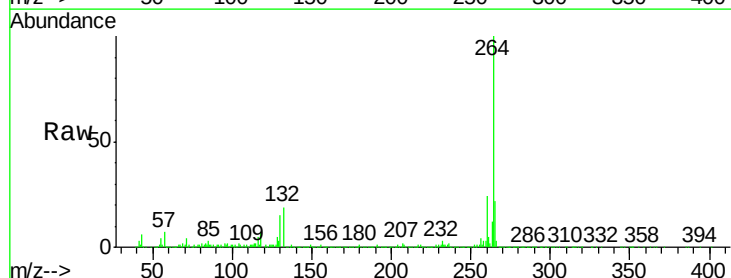
Tgt Ion:264 Resp: 579046

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.7 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

