

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114385.D
 Acq On : 18 May 2019 12:37
 Operator : JU/SJ
 Sample : PB119803BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119803BL

Quant Time: May 20 05:01:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	221300	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	852551	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	400554	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	813166	20.00	ng	0.00
76) Chrysene-d12	13.99	240	592296	20.00	ng	-0.01
87) Perylene-d12	15.46	264	520858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1460012	106.17	ng	0.00
7) Phenol-d6	6.48	99	1920597	118.09	ng	0.00
23) Nitrobenzene-d5	7.40	82	1190082	78.34	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	456774	110.30	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2125663	80.27	ng	0.00
79) Terphenyl-d14	12.93	244	2136776	74.37	ng	0.00

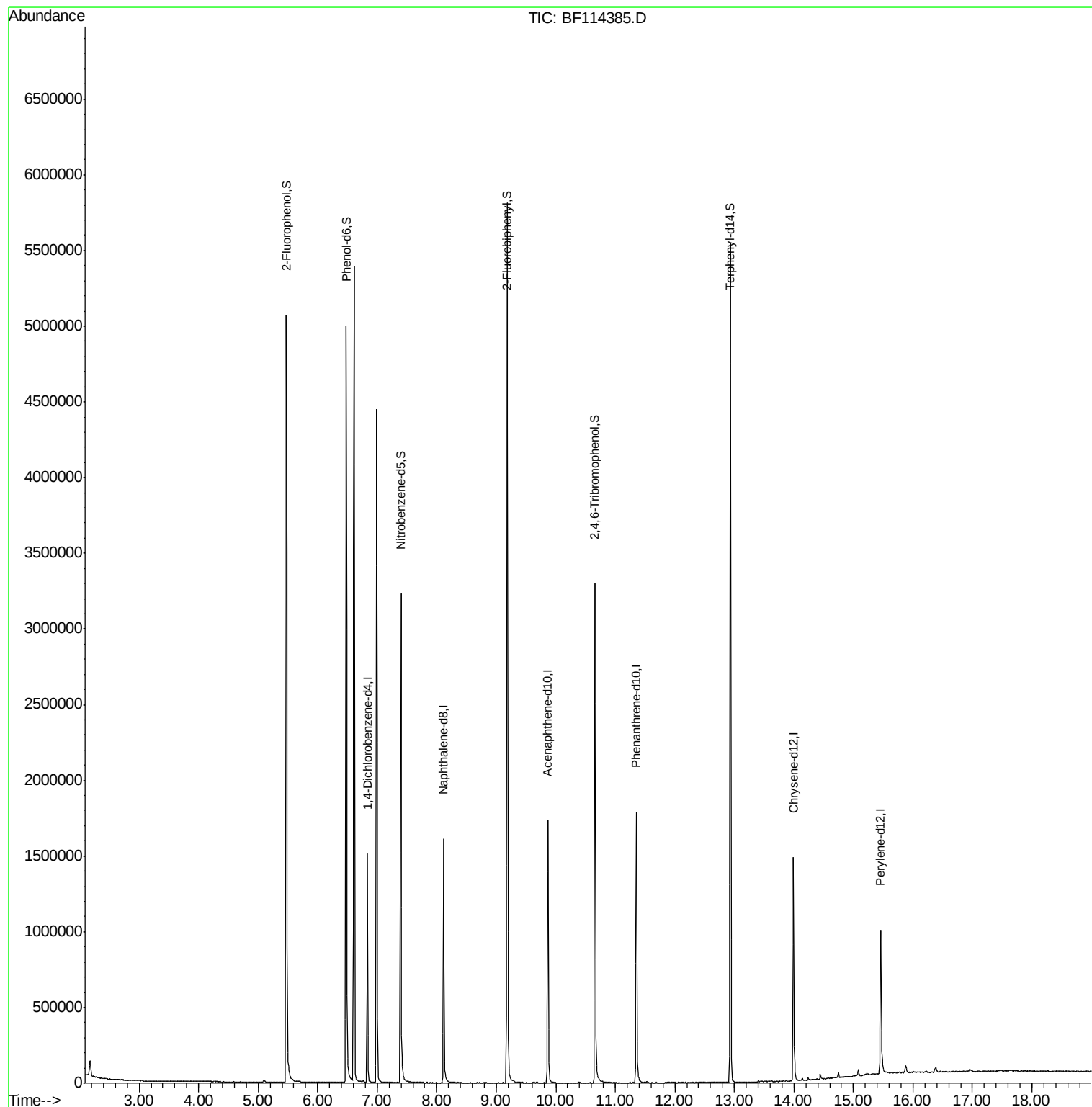
Target Compounds	Qvalue
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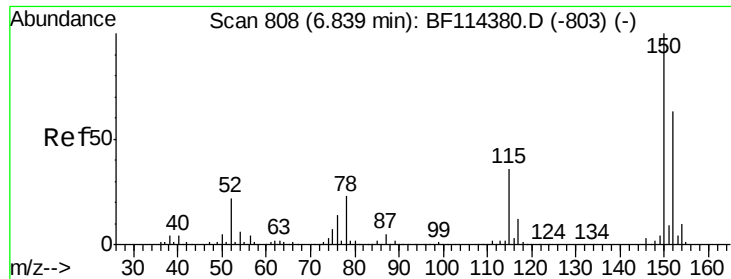
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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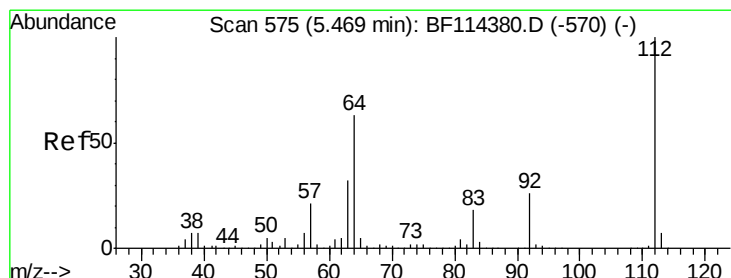
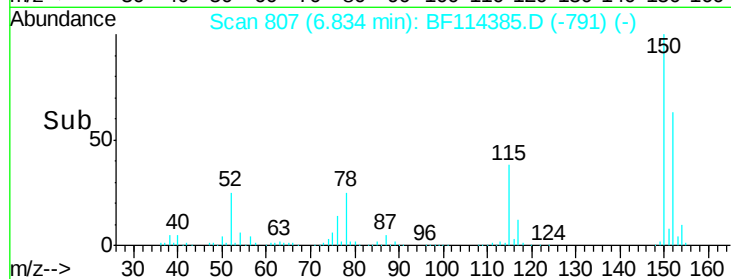
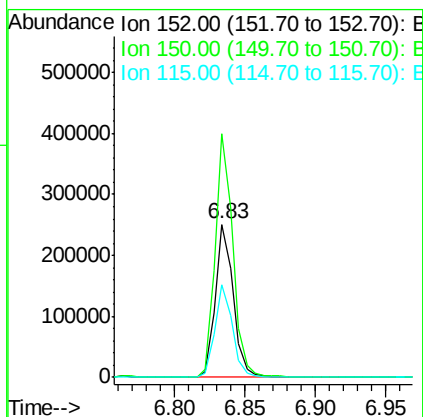
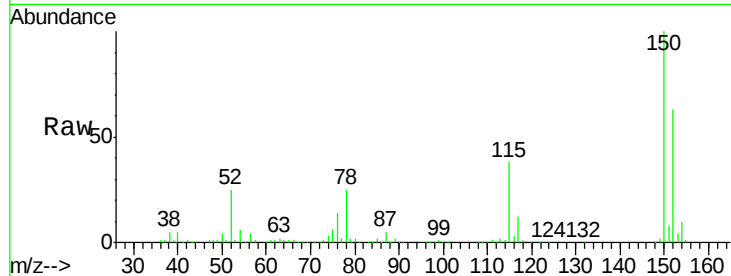


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114385.D
Acq: 18 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB119803BL

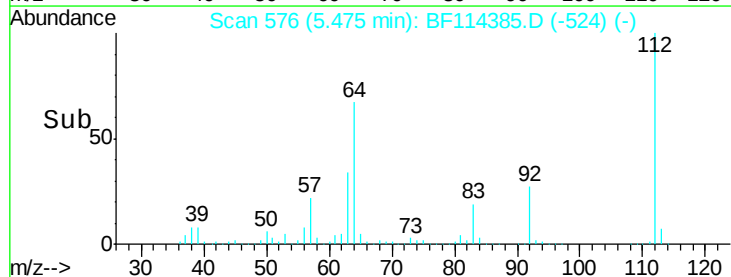
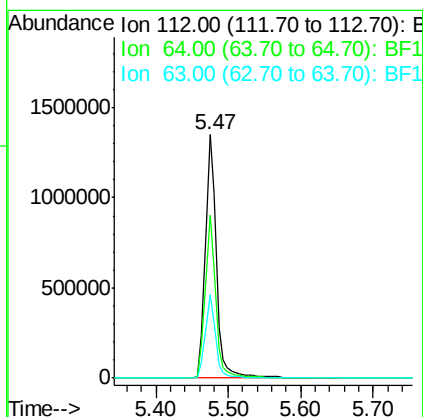
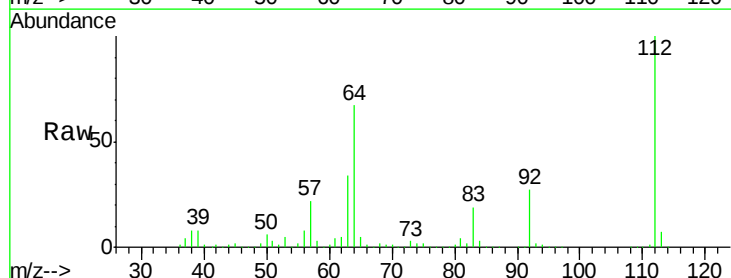
Tgt Ion:152 Resp: 221300
Ion Ratio Lower Upper
152 100
150 159.1 124.3 186.5
115 60.8 49.1 73.7

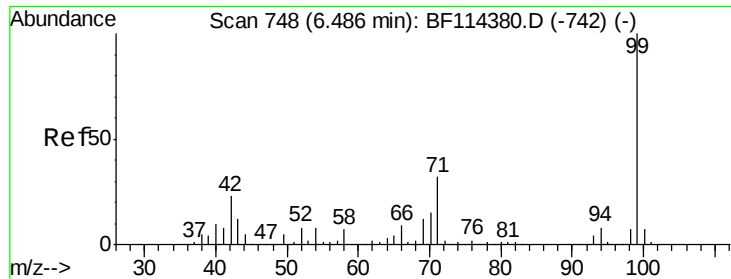


#5

2-Fluorophenol
Concen: 106.170 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF114385.D
Acq: 18 May 2019 12:37

Tgt Ion:112 Resp: 1460012
Ion Ratio Lower Upper
112 100
64 67.0 49.0 73.6
63 34.4 24.6 37.0





#7

Phenol-d6

Concen: 118.085 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB119803BL

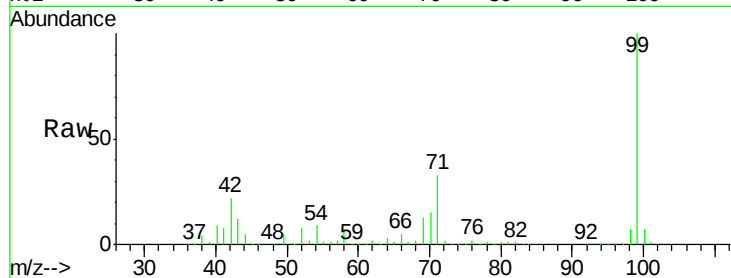
Tgt Ion: 99 Resp: 1920597

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

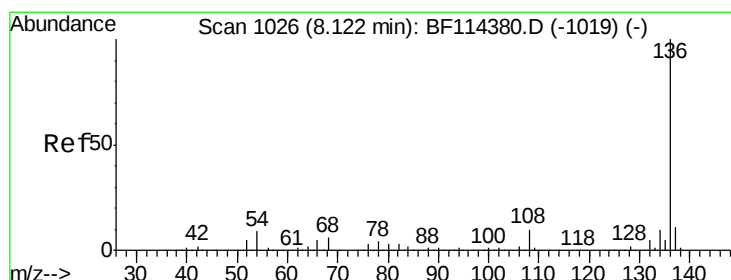
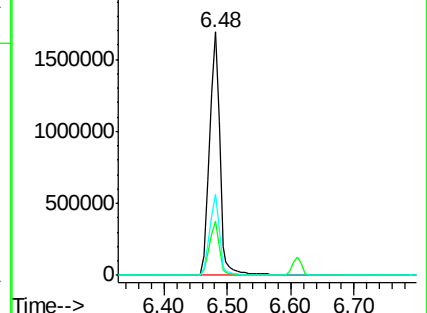
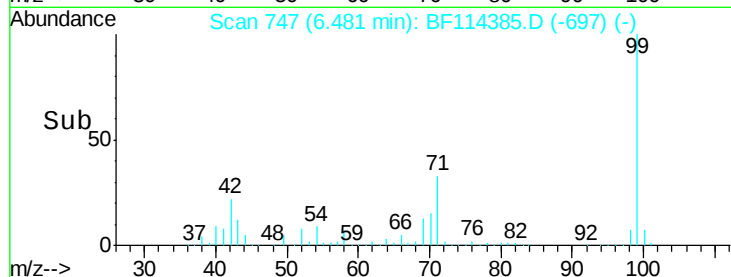
71 33.3 26.2 39.2



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. -0.01 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Tgt Ion: 136 Resp: 852551

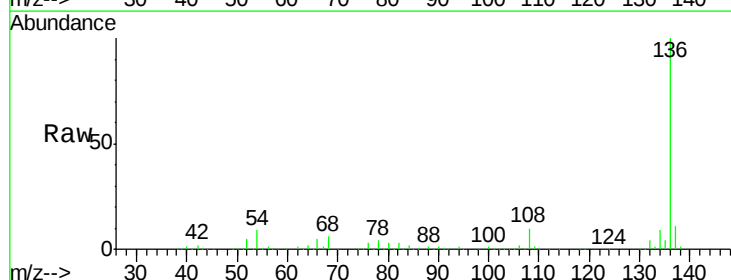
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.1 7.8 11.8

68 5.9 5.1 7.7

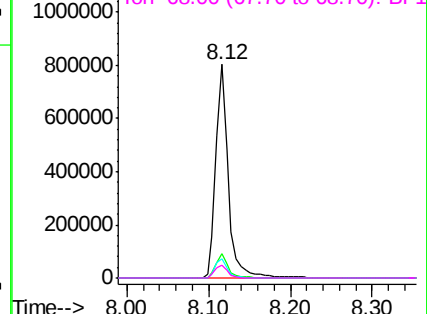
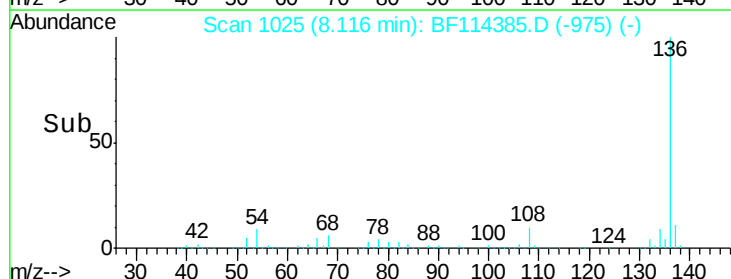


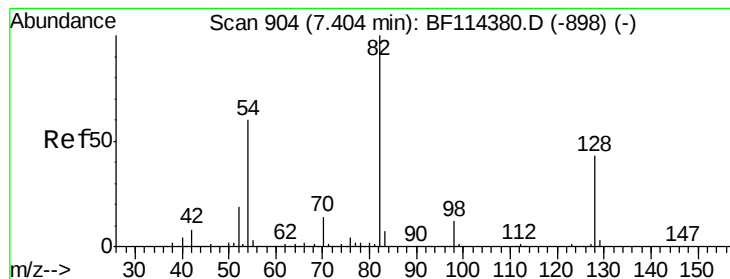
Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.338 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB119803BL

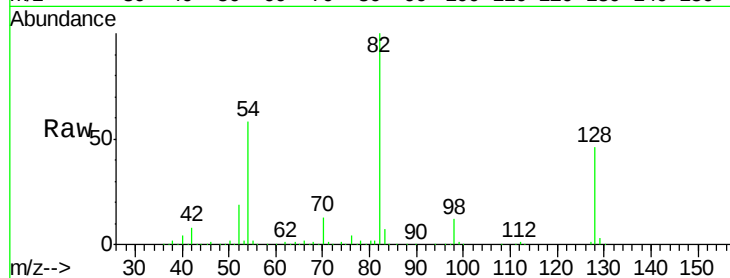
Tgt Ion: 82 Resp: 1190082

Ion Ratio Lower Upper

82 100

128 46.3 35.5 53.3

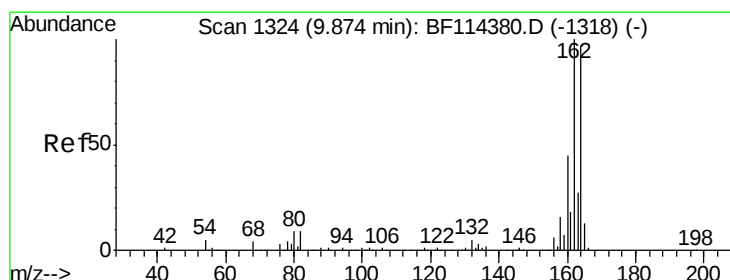
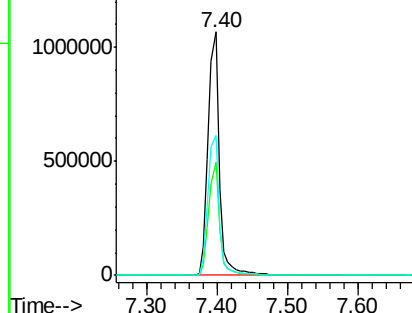
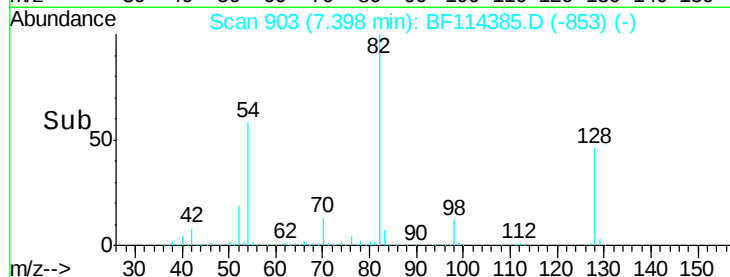
54 57.6 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

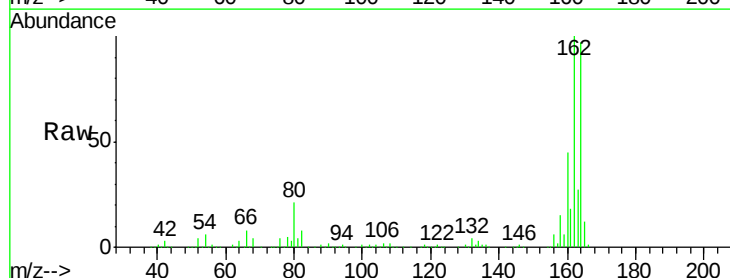
Tgt Ion: 164 Resp: 400554

Ion Ratio Lower Upper

164 100

162 102.8 80.6 120.8

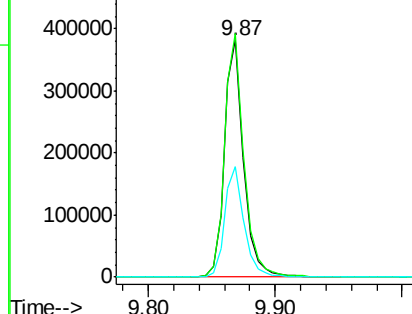
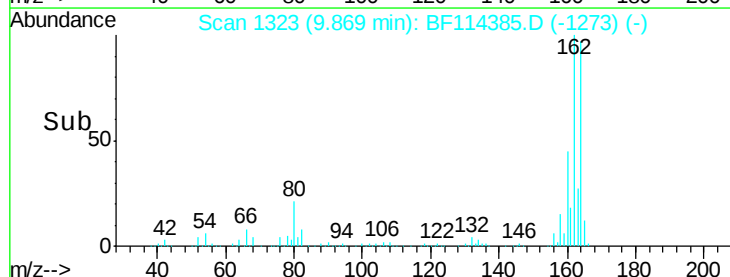
160 46.7 36.5 54.7

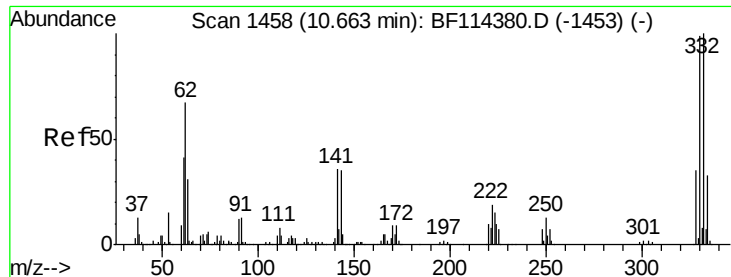


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 110.304 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB119803BL

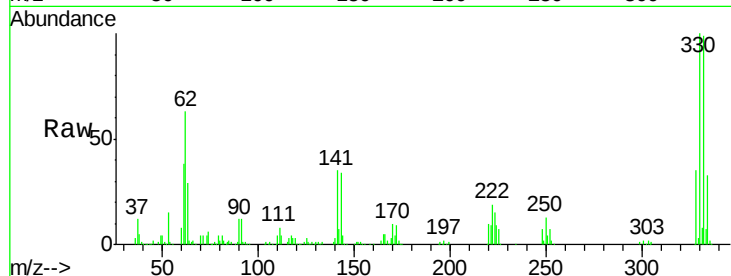
Tgt Ion:330 Resp: 456774

Ion Ratio Lower Upper

330 100

332 101.5 81.4 122.2

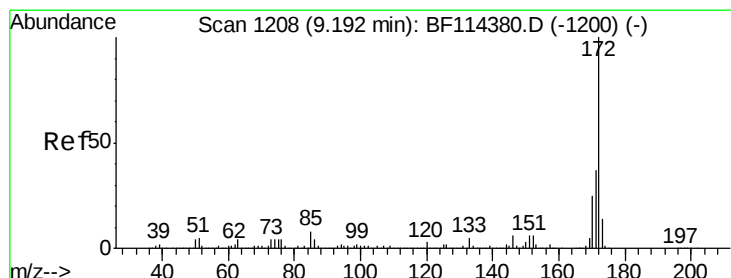
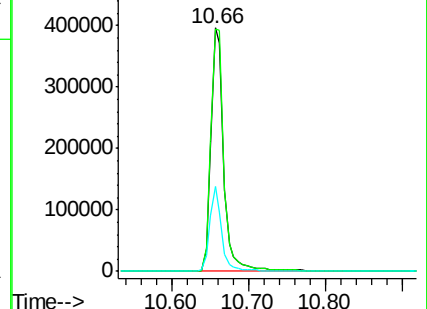
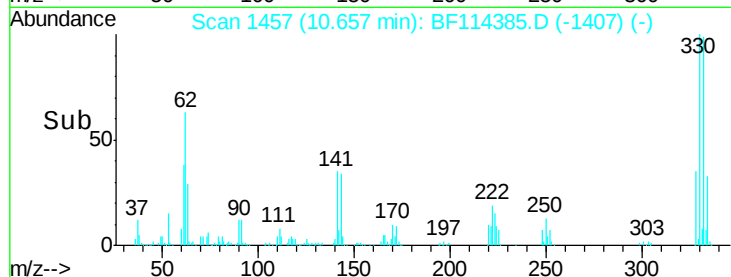
141 32.2 26.6 40.0



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: 80.274 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

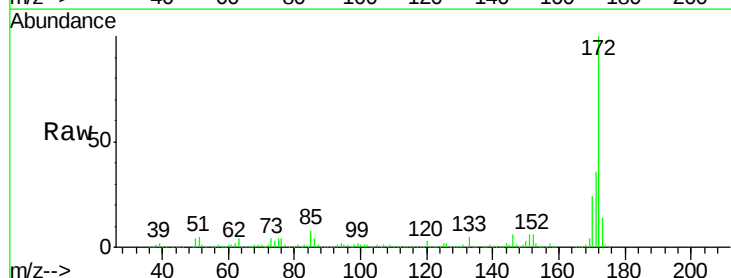
Tgt Ion:172 Resp: 2125663

Ion Ratio Lower Upper

172 100

171 36.0 30.7 46.1

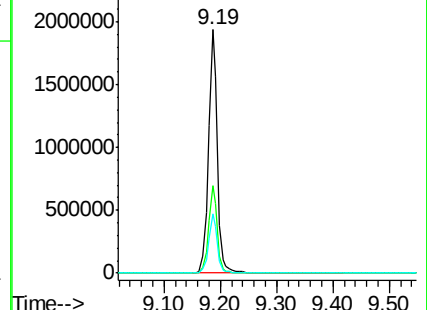
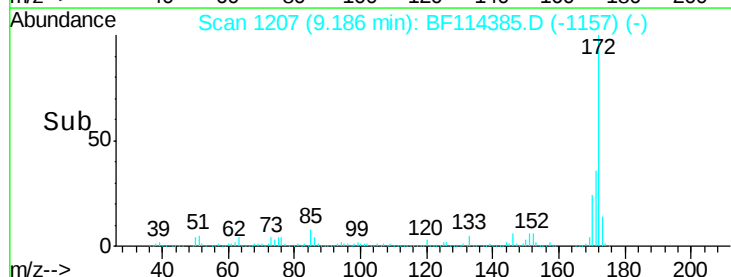
170 24.1 20.5 30.7

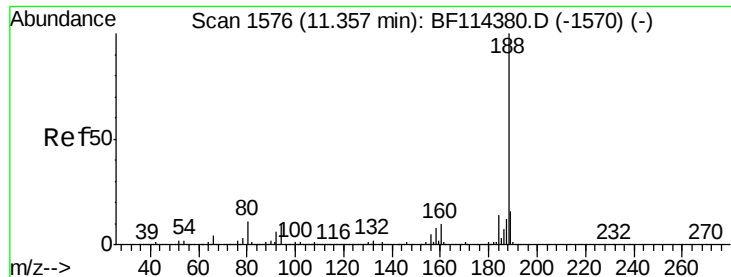


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB119803BL

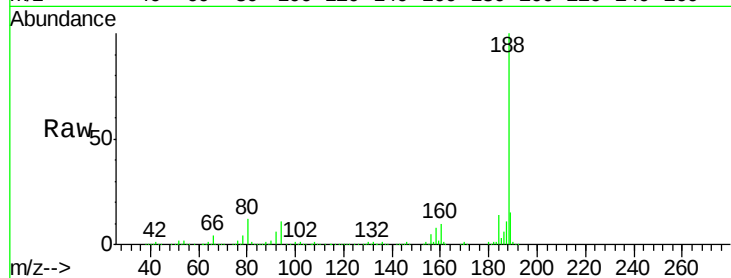
Tgt Ion:188 Resp: 813166

Ion Ratio Lower Upper

188 100

94 10.7 8.4 12.6

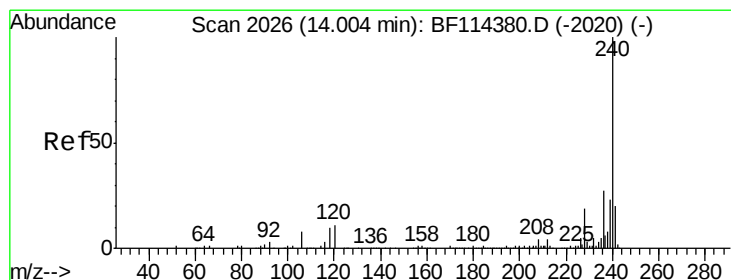
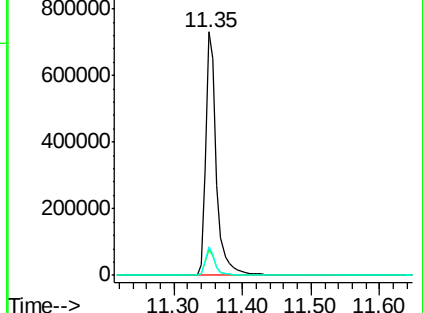
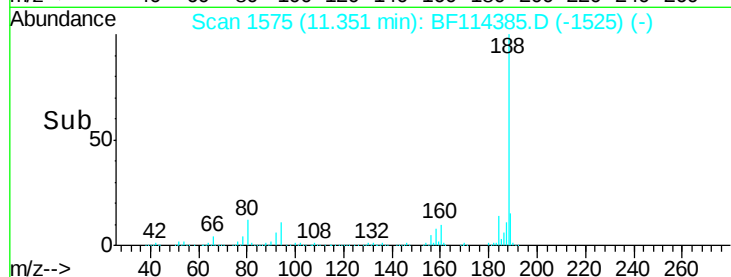
80 11.6 9.2 13.8



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. -0.01 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

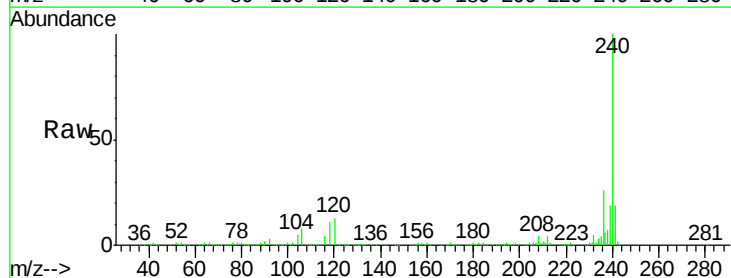
Tgt Ion:240 Resp: 592296

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

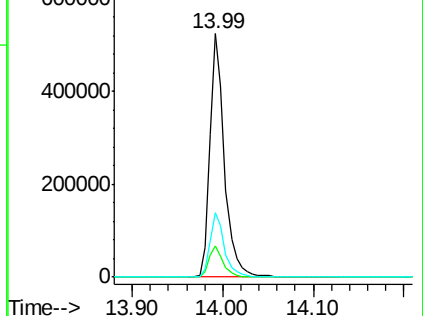
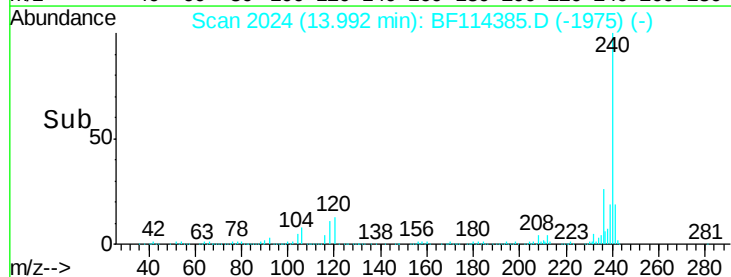
236 26.2 20.8 31.2

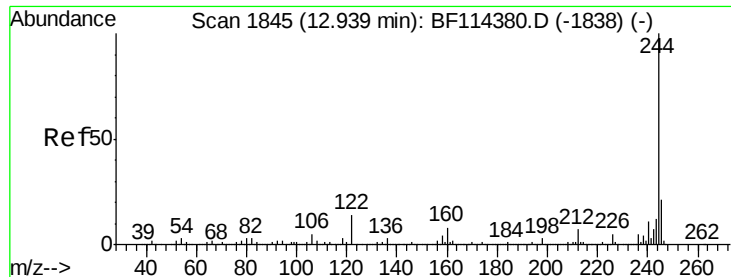


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.369 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Instrument :

BNA_F

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PB119803BL

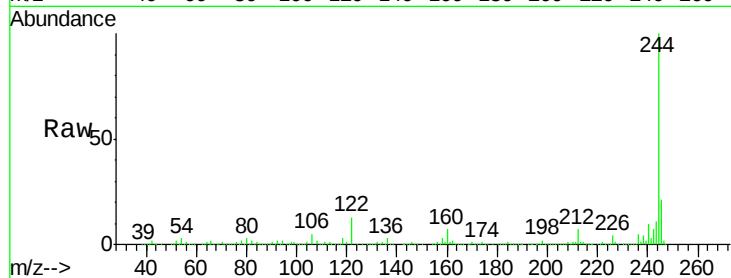
Tgt Ion:244 Resp: 2136776

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 13.3 9.4 14.2

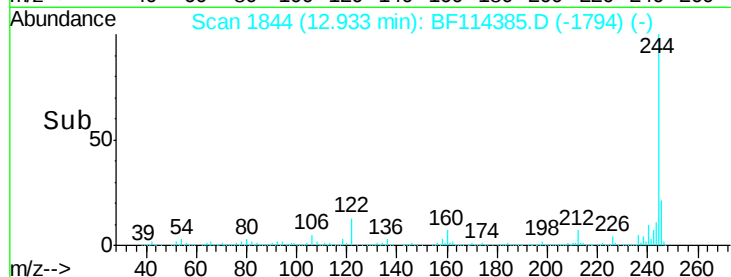


Abundance Ion 244.00 (243.70 to 244.70): E

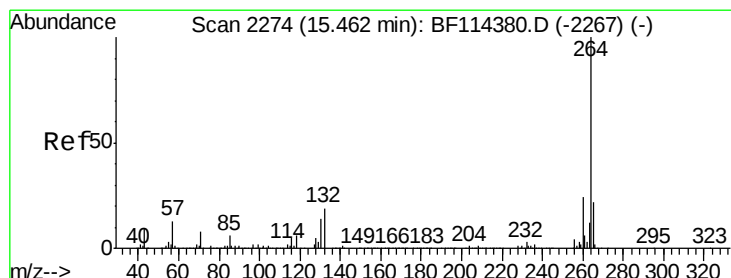
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

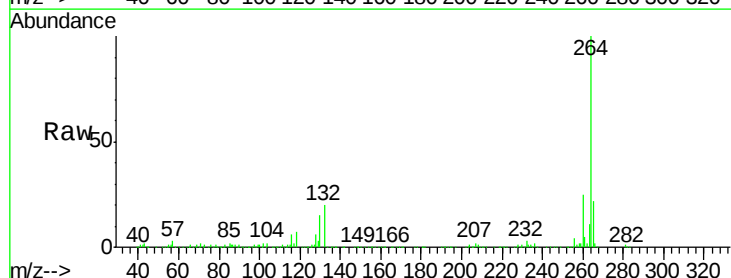
Tgt Ion:264 Resp: 520858

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 22.4 16.9 25.3

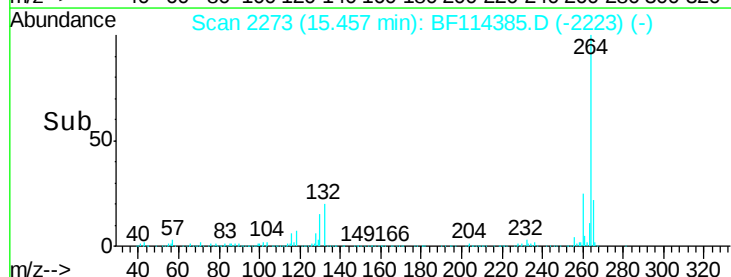


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->