

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114586.D
 Acq On : 24 May 2019 22:44
 Operator : JU/SJ
 Sample : K3026-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Quant Time: May 25 00:28:26 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129071	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	490567	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	229548	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	487397	20.00	ng	0.00
76) Chrysene-d12	13.98	240	366035	20.00	ng	0.00
87) Perylene-d12	15.44	264	336636	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	954046	118.95	ng	0.01
7) Phenol-d6	6.46	99	1111363	117.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	823879	94.25	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	350326	147.62	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1476341	97.29	ng	0.00
79) Terphenyl-d14	12.92	244	1703422	95.93	ng	0.00

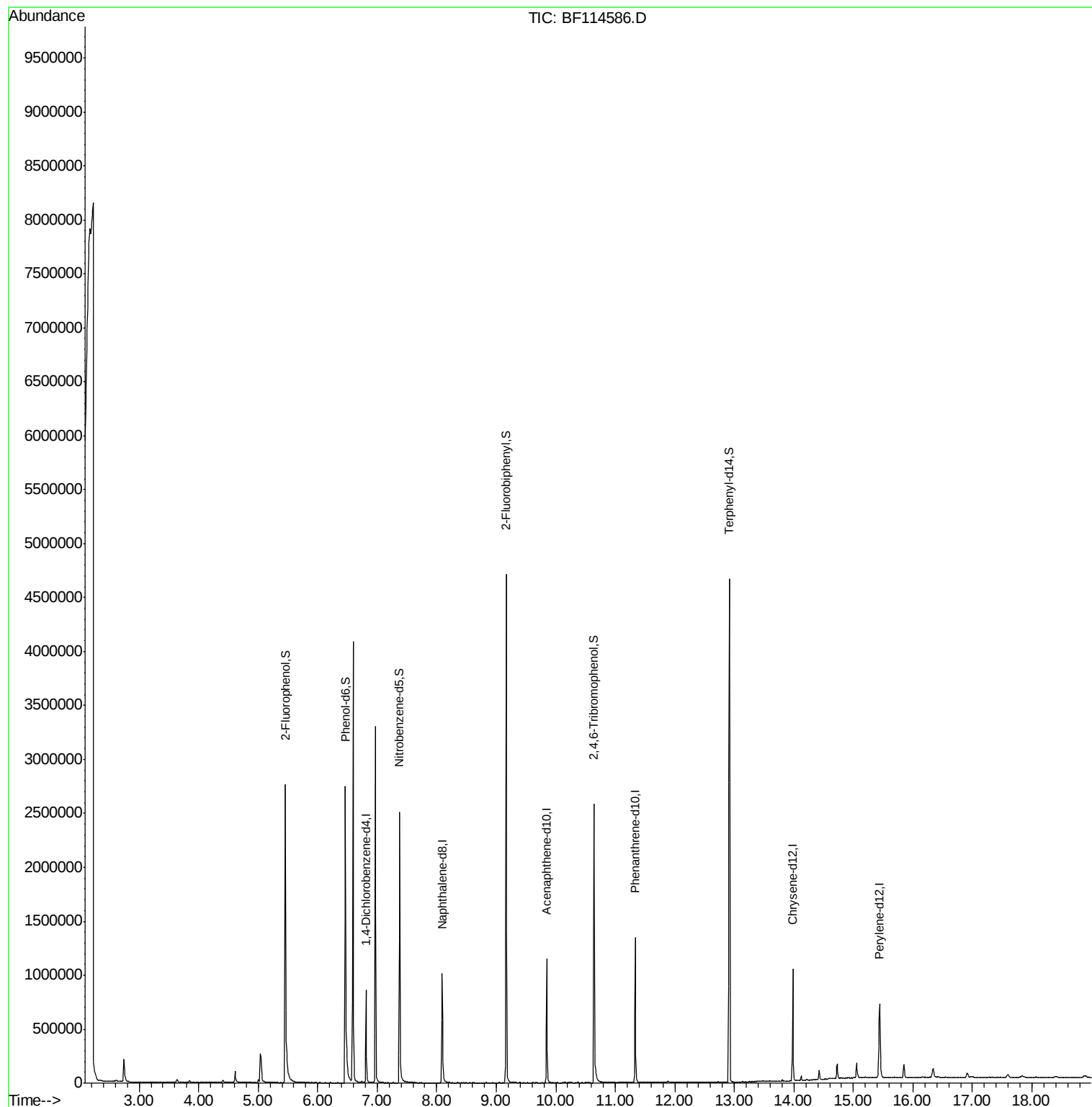
Target Compounds Qvalue

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

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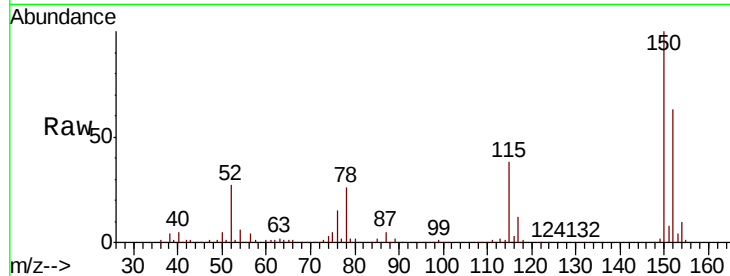


#1

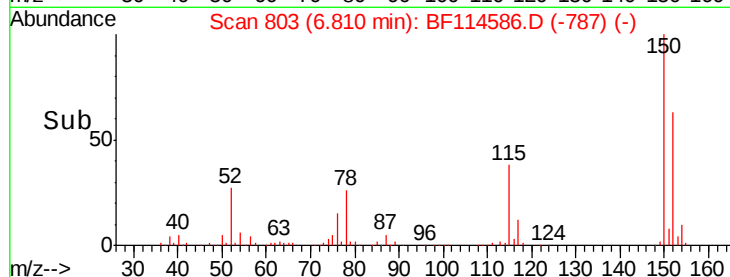
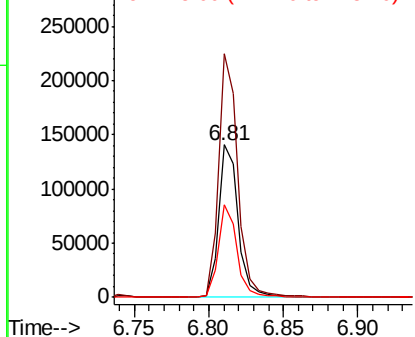
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114586.D
Acq: 24 May 2019 22:44

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion:152 Resp: 129071
Ion Ratio Lower Upper
152 100
150 159.8 124.3 186.5
115 61.1 49.1 73.7



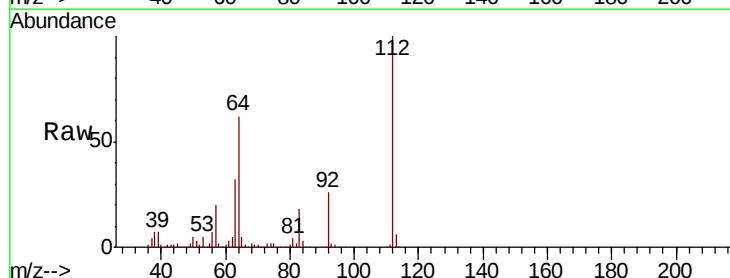
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



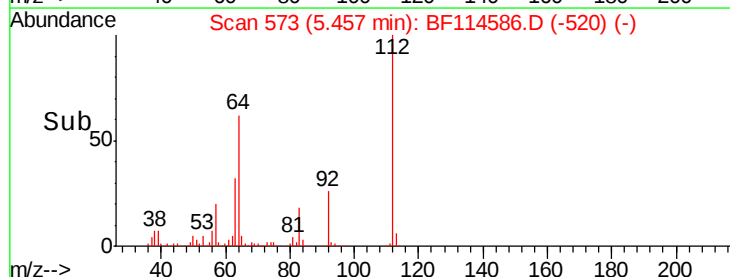
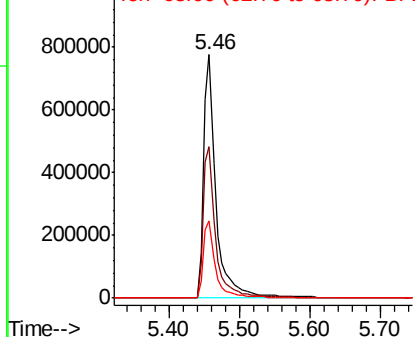
#5

2-Fluorophenol
Concen: 118.951 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114586.D
Acq: 24 May 2019 22:44

Tgt Ion:112 Resp: 954046
Ion Ratio Lower Upper
112 100
64 62.0 49.0 73.6
63 31.9 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: 117.157 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

Instrument :

BNA_F

ClientSampleId :

TP-3-S

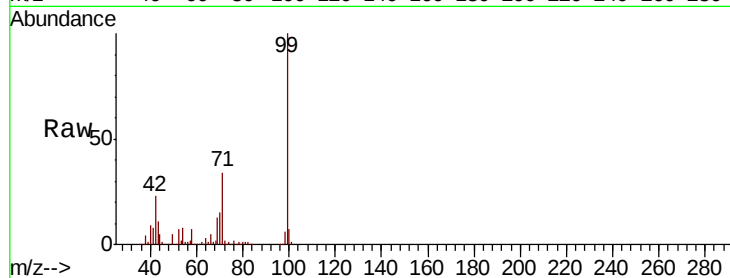
Tot Ion: 99 Resp: 1111363

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

71 34.1 26.2 39.2

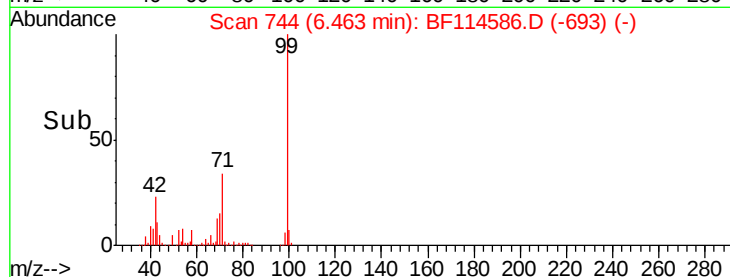
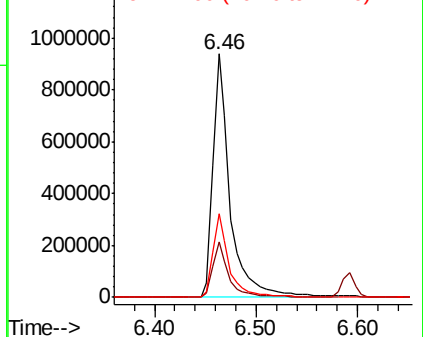


Abundance

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

Tgt Ion: 136 Resp: 490567

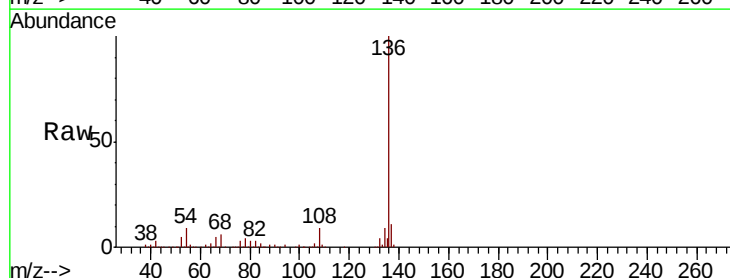
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.4 7.8 11.8

68 6.0 5.1 7.7



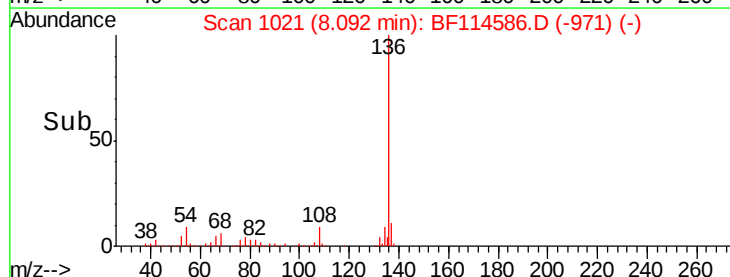
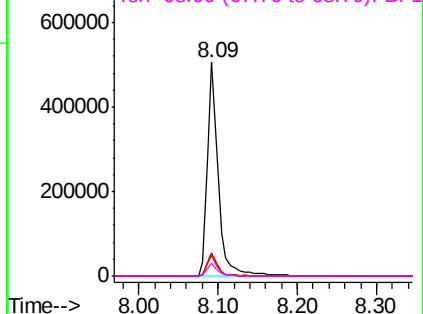
Abundance

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: 94.250 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

Instrument :

BNA_F

ClientSampled :

TP-3-S

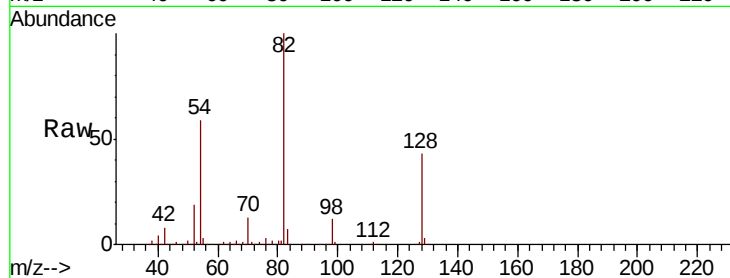
Tot Ion: 82 Resp: 823879

Ion Ratio Lower Upper

82 100

128 43.0 35.5 53.3

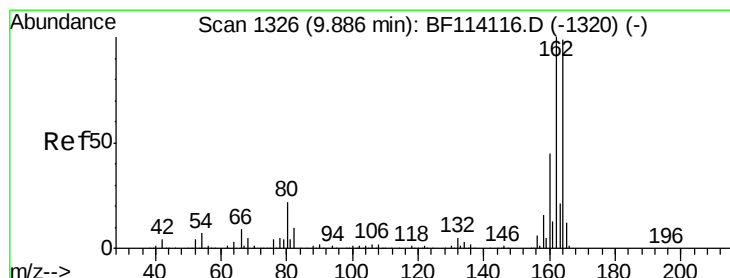
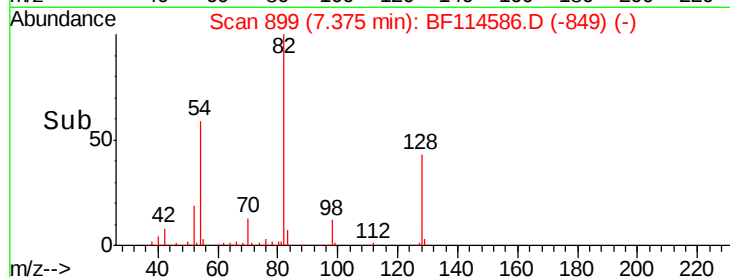
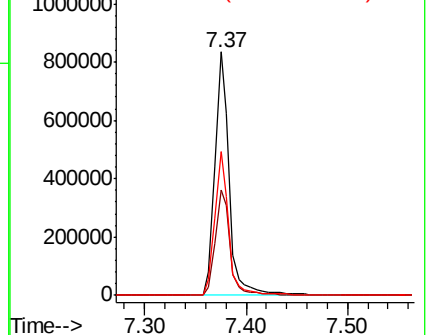
54 59.1 48.5 72.7



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

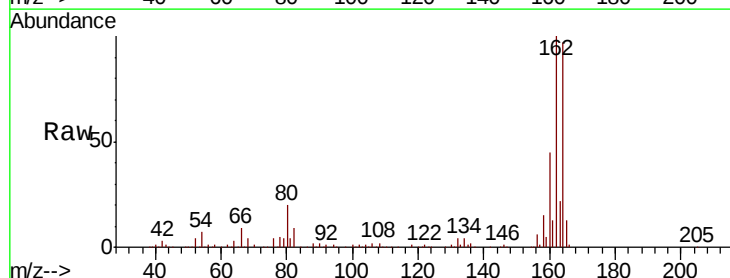
Tgt Ion:164 Resp: 229548

Ion Ratio Lower Upper

164 100

162 102.8 80.6 120.8

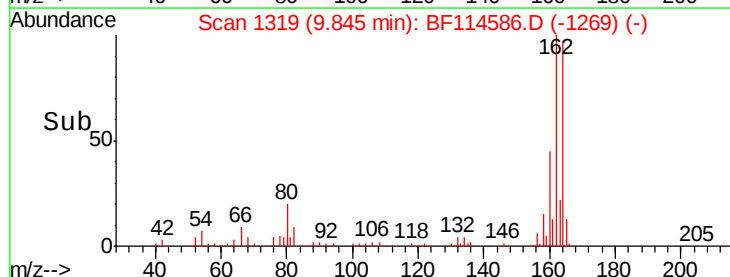
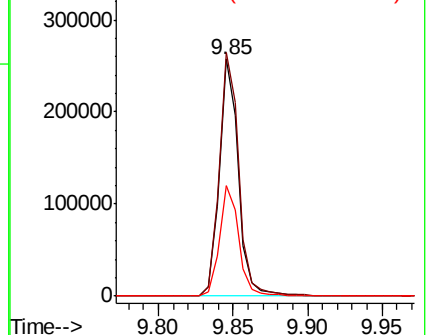
160 46.4 36.5 54.7



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: 147.621 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

Instrument :

BNA_F

ClientSampleId :

TP-3-S

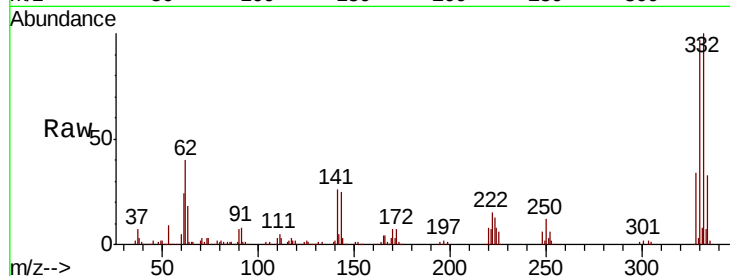
Tot Ion:330 Resp: 350326

Ion Ratio Lower Upper

330 100

332 103.7 81.4 122.2

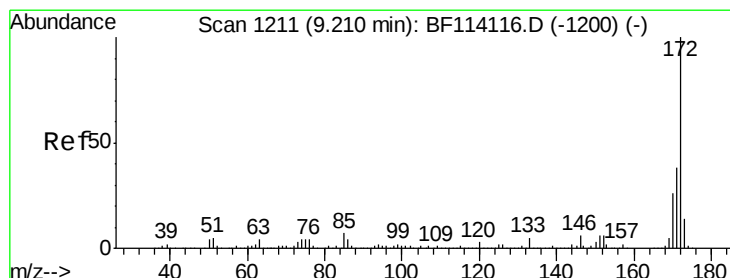
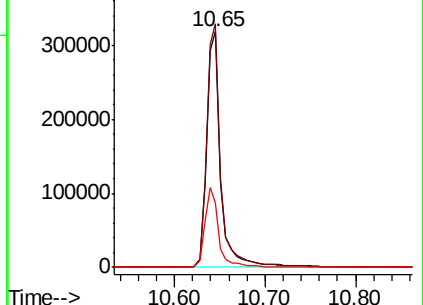
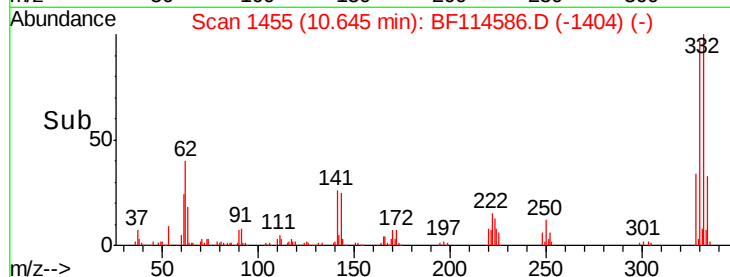
141 33.3 26.6 40.0



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: 97.287 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

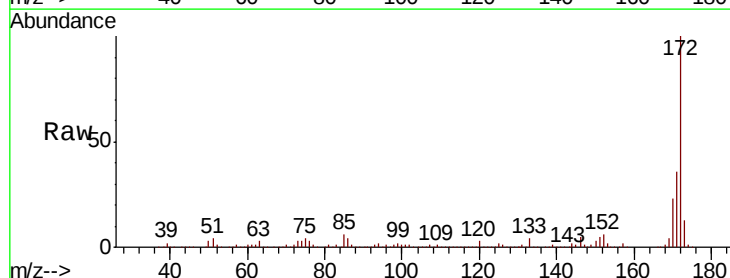
Tgt Ion:172 Resp: 1476341

Ion Ratio Lower Upper

172 100

171 35.7 30.7 46.1

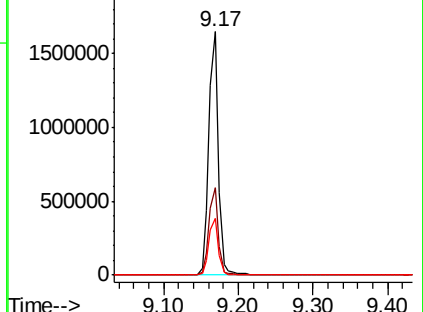
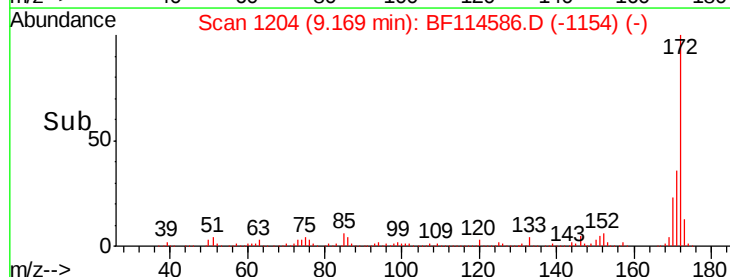
170 23.5 20.5 30.7

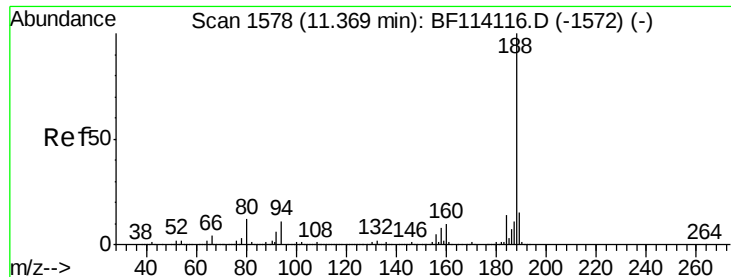


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

Instrument :

BNA_F

ClientSampleId :

TP-3-S

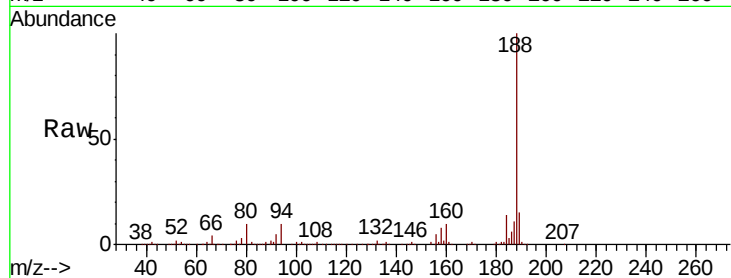
Tot Ion:188 Resp: 487397

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

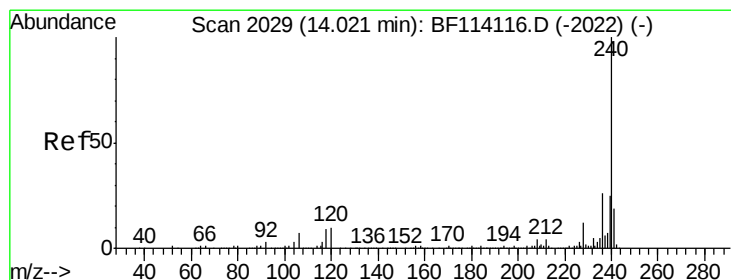
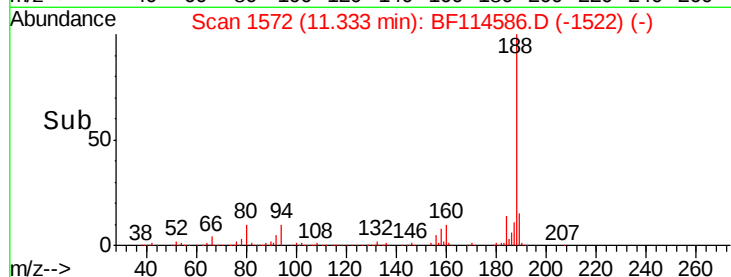
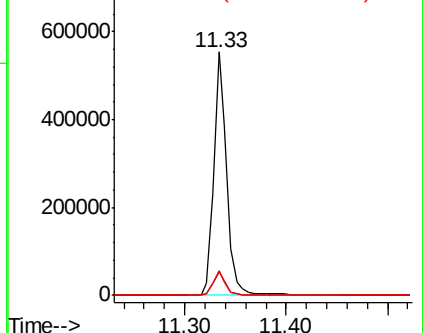
80 10.2 9.2 13.8



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

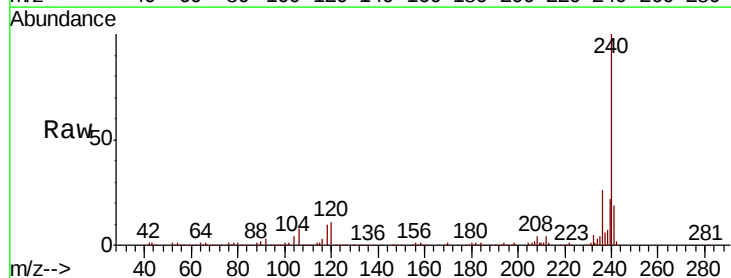
Tgt Ion:240 Resp: 366035

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

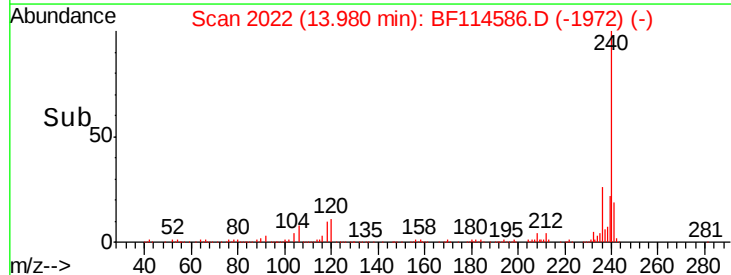
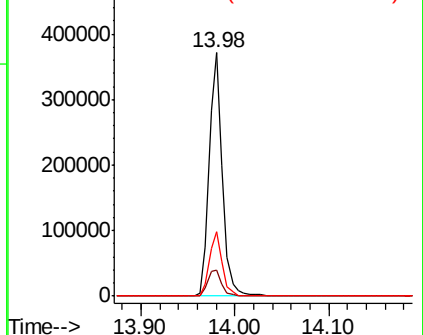
236 26.5 20.8 31.2

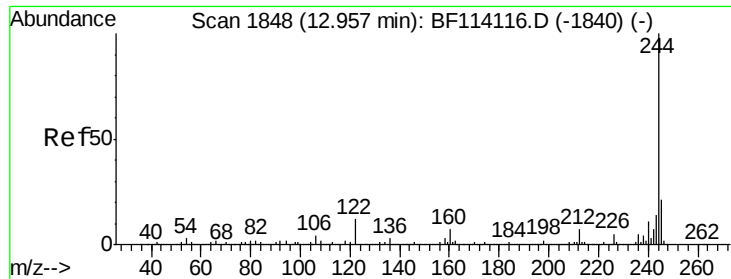


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

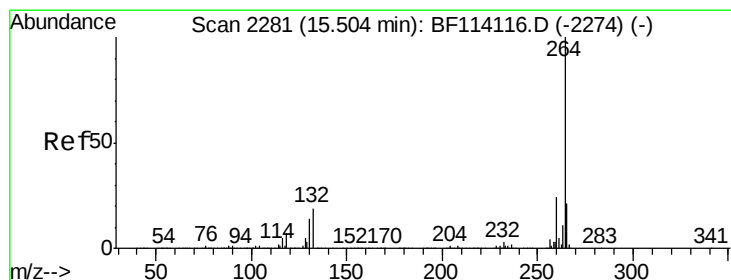
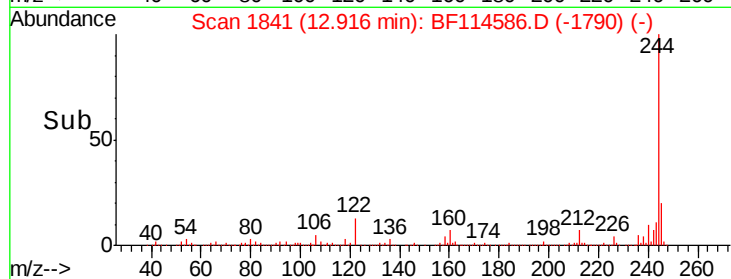
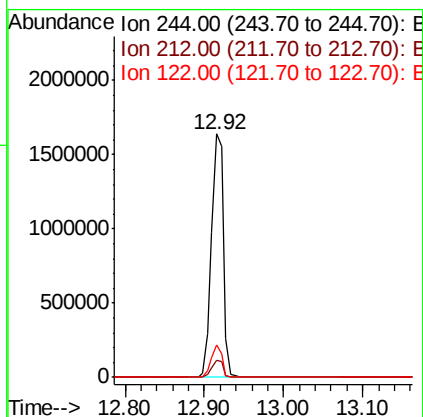
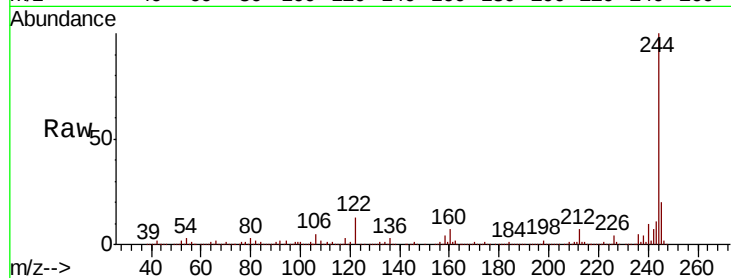




#79
 Terphenyl-d14
 Concen: 95.933 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114586.D
 Acq: 24 May 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Tot Ion:244 Resp: 1703422
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.2 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF114586.D
 Acq: 24 May 2019 22:44

Tgt Ion:264 Resp: 336636
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 21.8 16.9 25.3

