

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114344.D
 Acq On : 17 May 2019 12:48
 Operator : JU/SJ
 Sample : K2865-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-22-D

Quant Time: May 18 05:05:08 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	182733	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	701990	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	330437	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	695446	20.00	ng	0.00
76) Chrysene-d12	14.01	240	528963	20.00	ng	-0.01
87) Perylene-d12	15.49	264	516194	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1265766	111.47	ng	0.00
7) Phenol-d6	6.49	99	1512899	112.65	ng	0.00
23) Nitrobenzene-d5	7.40	82	1113331	89.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	453868	132.86	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1916876	87.75	ng	-0.01
79) Terphenyl-d14	12.95	244	2094982	81.64	ng	0.00

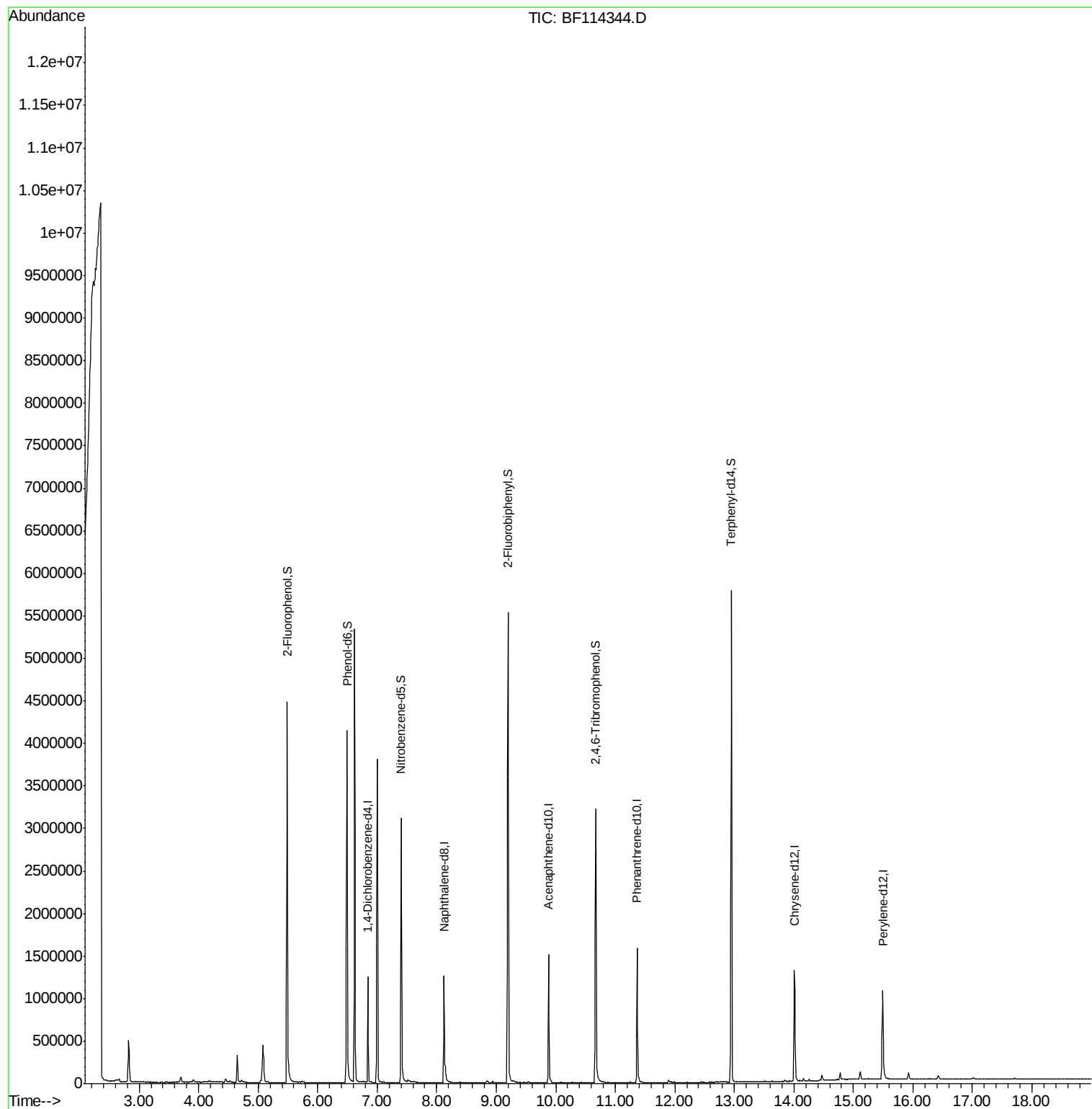
Target Compounds	Qvalue
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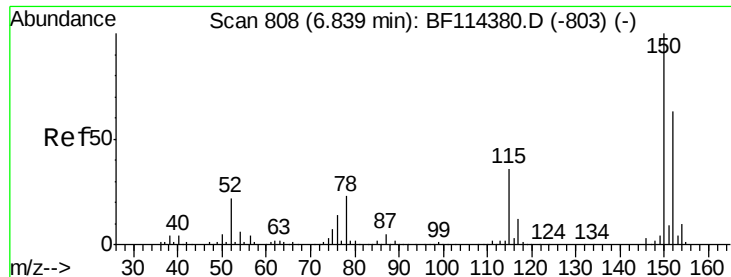
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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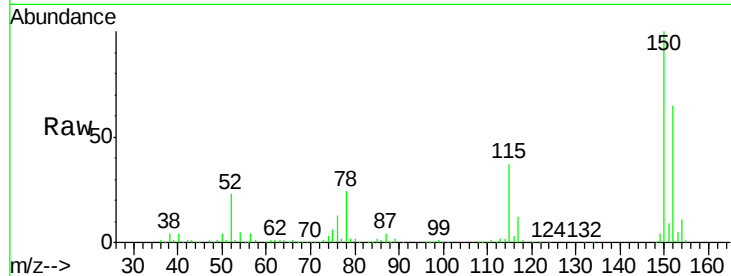


#1

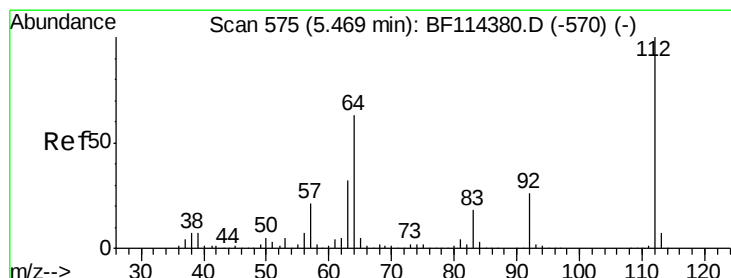
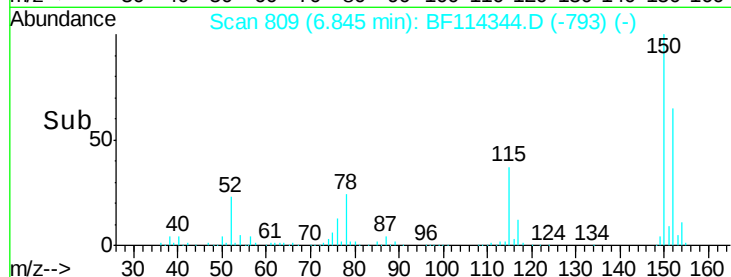
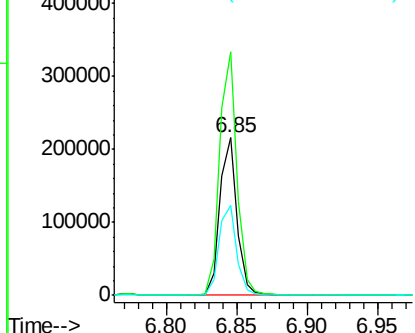
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114344.D
Acq: 17 May 2019 12:48

Instrument :
BNA_F
ClientSampleId :
TP-22-D

Tgt Ion:152 Resp: 182733
Ion Ratio Lower Upper
152 100
150 154.5 124.3 186.5
115 56.9 49.1 73.7



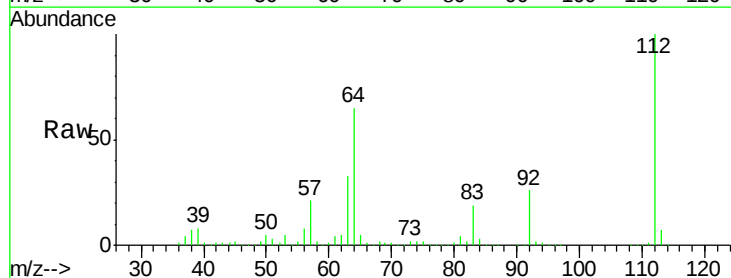
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



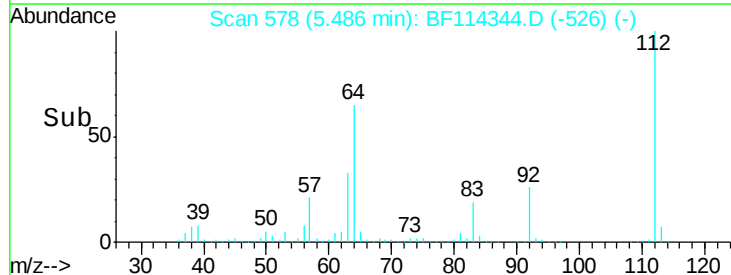
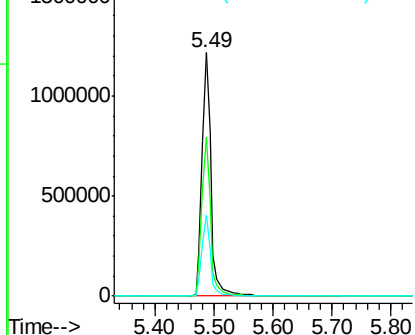
#5

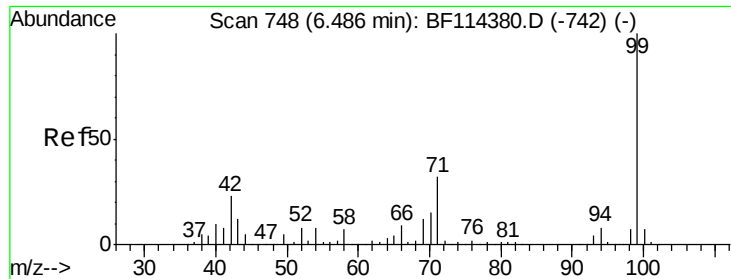
2-Fluorophenol
Concen: 111.471 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114344.D
Acq: 17 May 2019 12:48

Tgt Ion:112 Resp: 1265766
Ion Ratio Lower Upper
112 100
64 65.5 49.0 73.6
63 33.4 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: 112.651 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114344.D

Acq: 17 May 2019 12:48

Instrument :

BNA_F

ClientSampleId :

TP-22-D

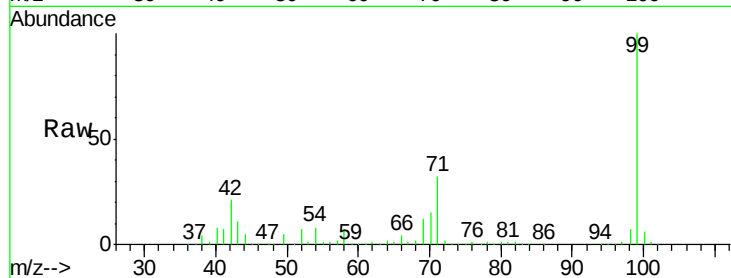
Tgt Ion: 99 Resp: 1512899

Ion Ratio Lower Upper

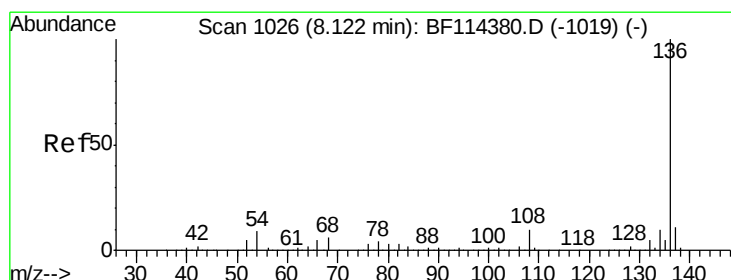
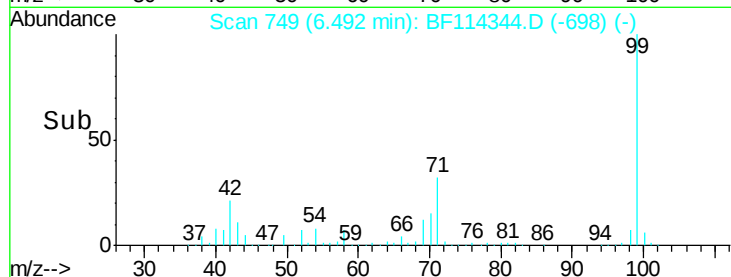
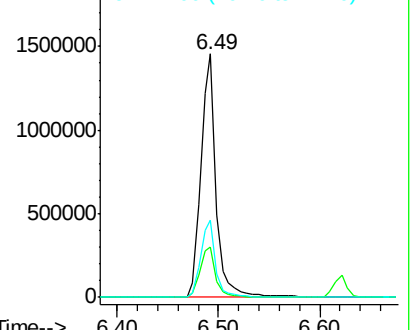
99 100

42 20.7 17.9 26.9

71 31.8 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# 1026

Delta R.T. -0.01 min

Lab File: BF114344.D

Acq: 17 May 2019 12:48

Tgt Ion: 136 Resp: 701990

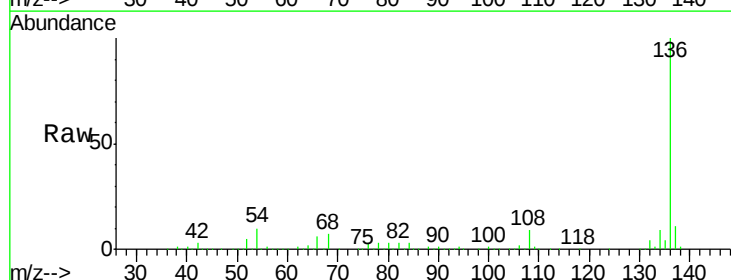
Ion Ratio Lower Upper

136 100

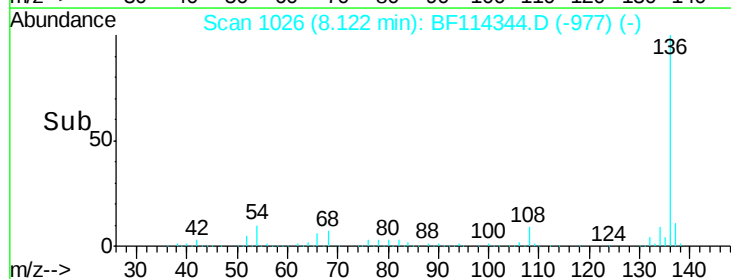
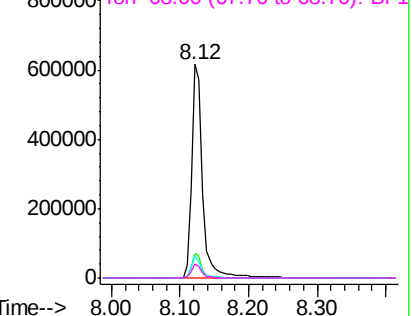
137 11.2 8.8 13.2

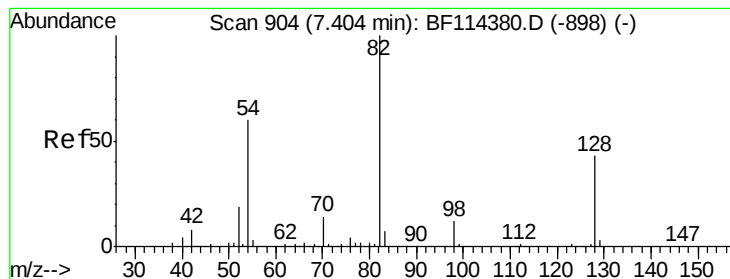
54 10.1 7.8 11.8

68 6.7 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: 89.004 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF114344.D

Acq: 17 May 2019 12:48

Instrument :

BNA_F

ClientSampleId :

TP-22-D

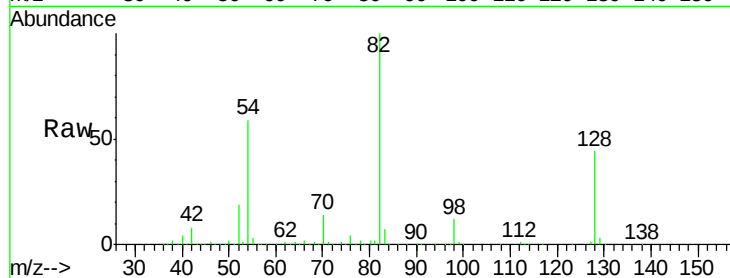
Tgt Ion: 82 Resp: 1113331

Ion Ratio Lower Upper

82 100

128 44.0 35.5 53.3

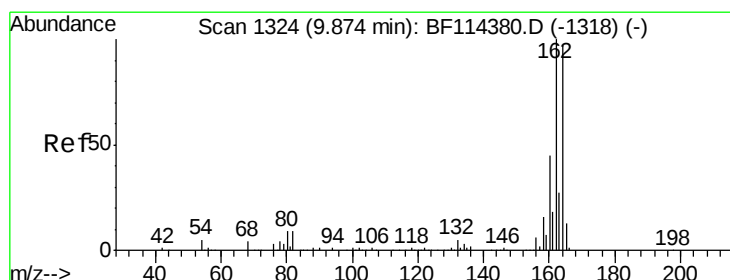
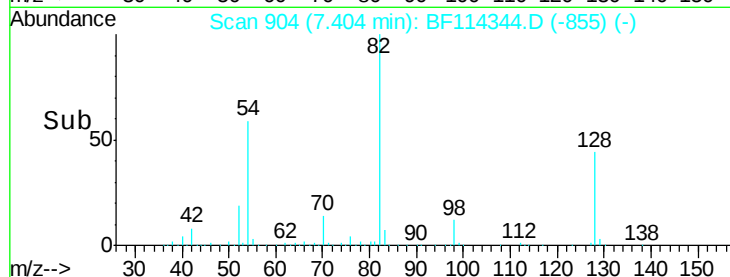
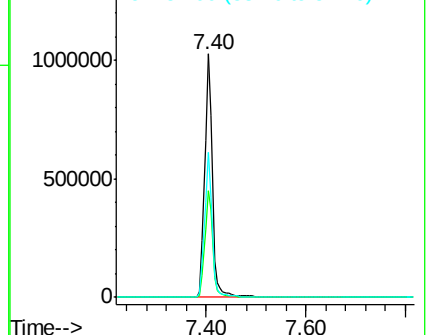
54 59.4 48.5 72.7



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114344.D

Acq: 17 May 2019 12:48

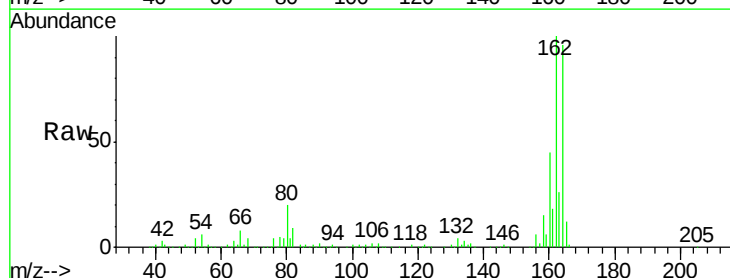
Tgt Ion: 164 Resp: 330437

Ion Ratio Lower Upper

164 100

162 104.6 80.6 120.8

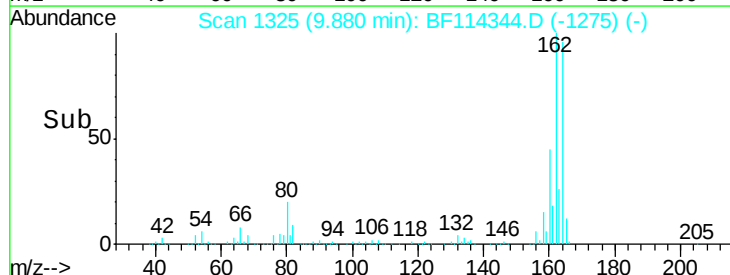
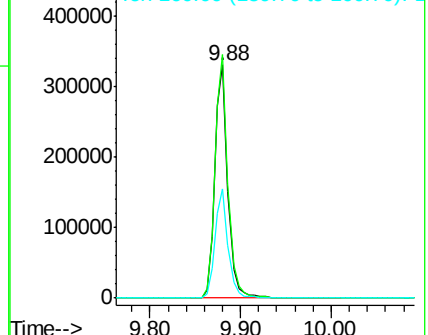
160 46.9 36.5 54.7



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: 132.859 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114344.D

Acq: 17 May 2019 12:48

Instrument :

BNA_F

ClientSampleId :

TP-22-D

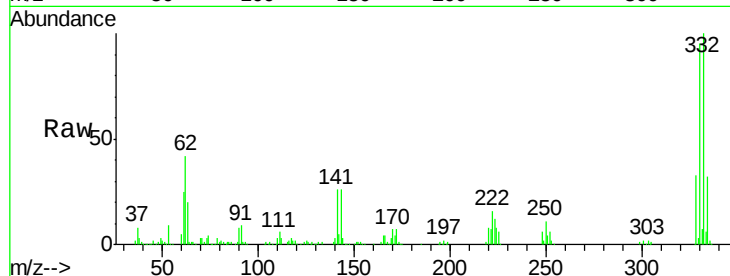
Tgt Ion:330 Resp: 453868

Ion Ratio Lower Upper

330 100

332 103.1 81.4 122.2

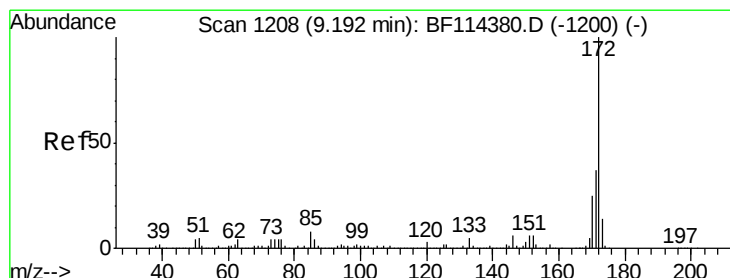
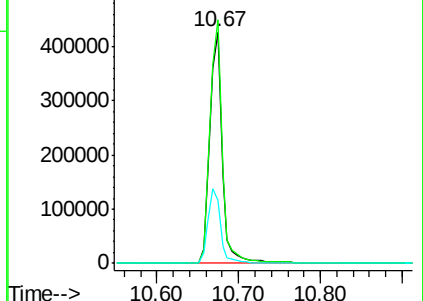
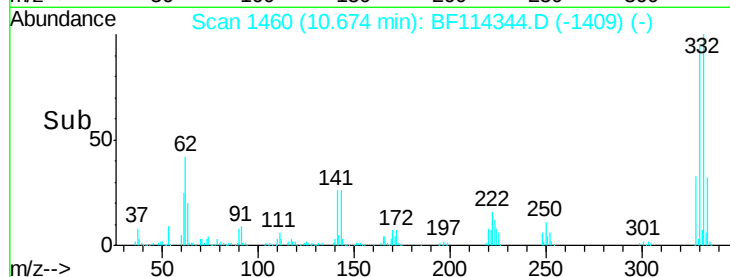
141 33.2 26.6 40.0



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: 87.750 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF114344.D

Acq: 17 May 2019 12:48

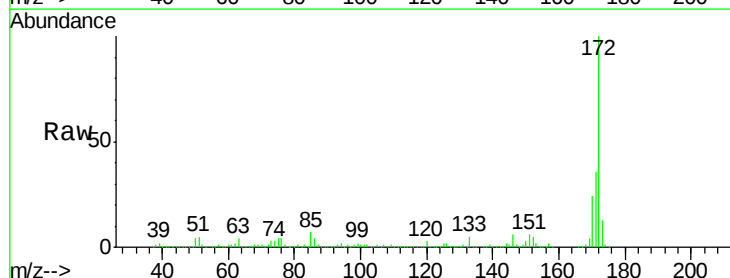
Tgt Ion:172 Resp: 1916876

Ion Ratio Lower Upper

172 100

171 36.1 30.7 46.1

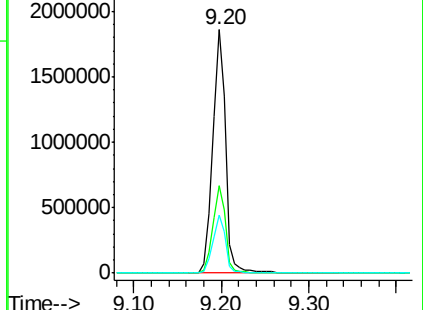
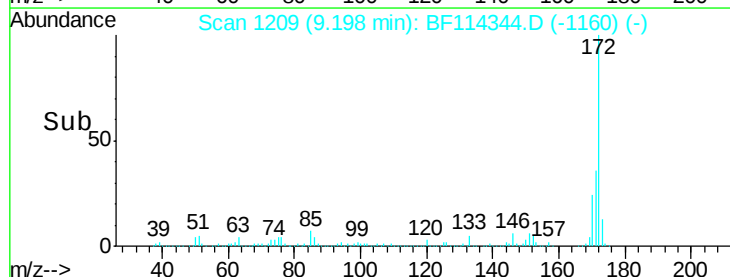
170 24.0 20.5 30.7

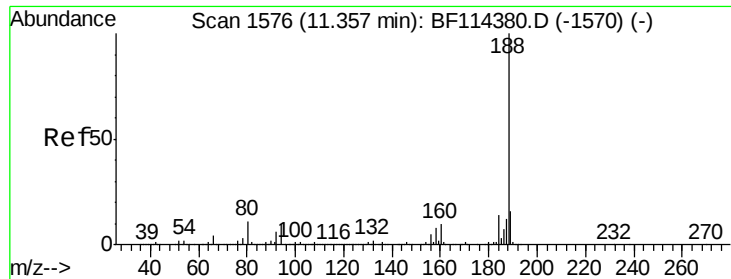


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

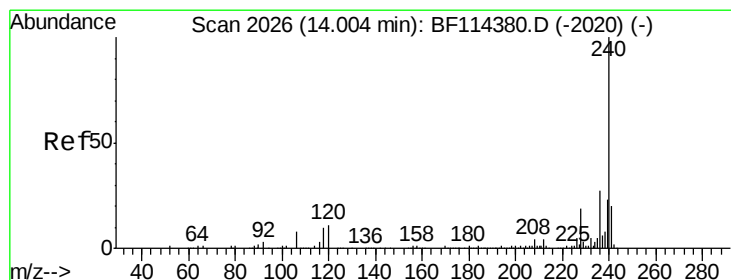
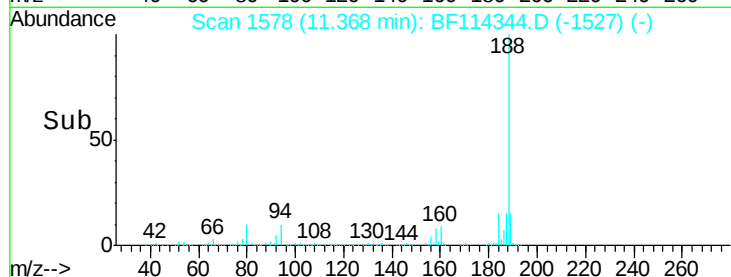
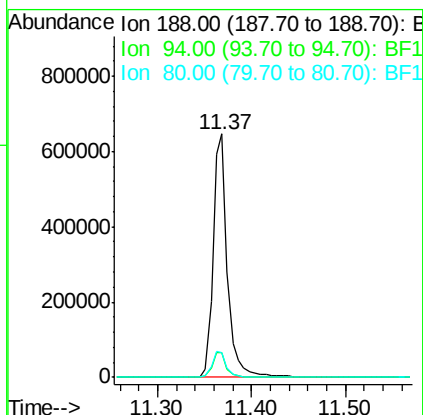
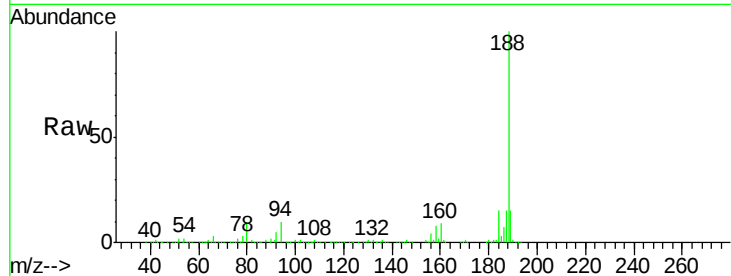




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114344.D
Acq: 17 May 2019 12:48

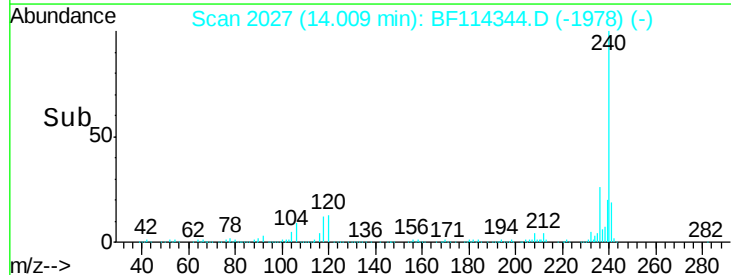
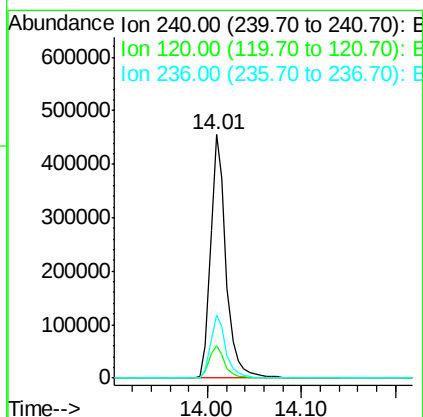
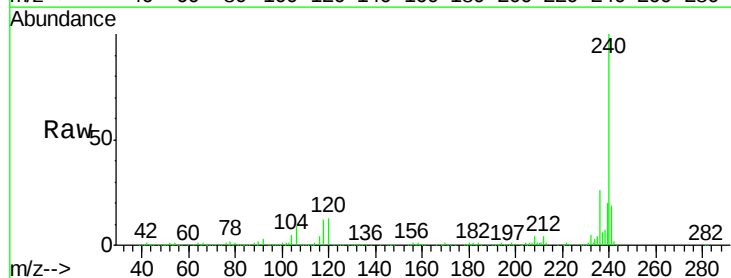
Instrument :
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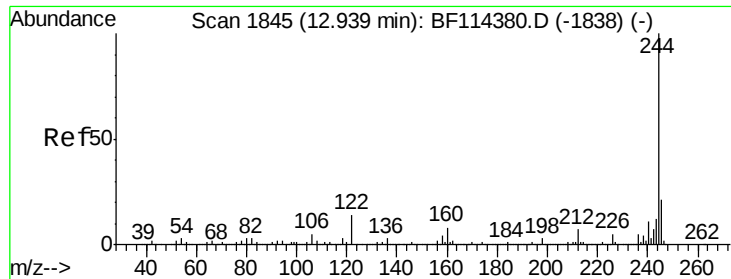
Tgt Ion:188 Resp: 695446
Ion Ratio Lower Upper
188 100
94 9.9 8.4 12.6
80 10.1 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114344.D
Acq: 17 May 2019 12:48

Tgt Ion:240 Resp: 528963
Ion Ratio Lower Upper
240 100
120 13.4 8.3 12.5#
236 25.8 20.8 31.2





#79

Terphenyl-d14

Concen: 81.644 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114344.D

Acq: 17 May 2019 12:48

Instrument :

BNA_F

ClientSampleId :

TP-22-D

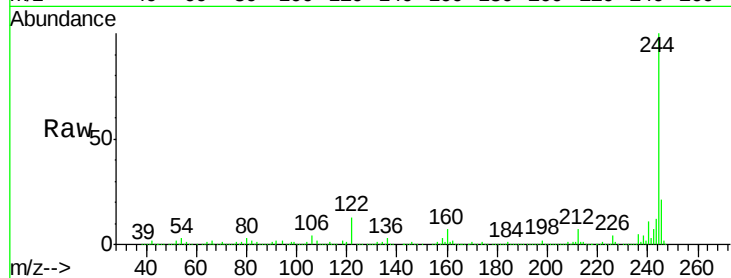
Tgt Ion:244 Resp: 2094982

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

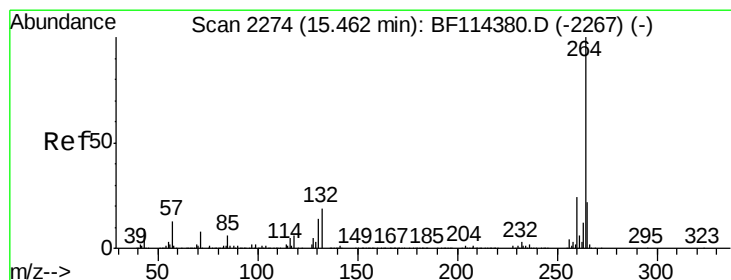
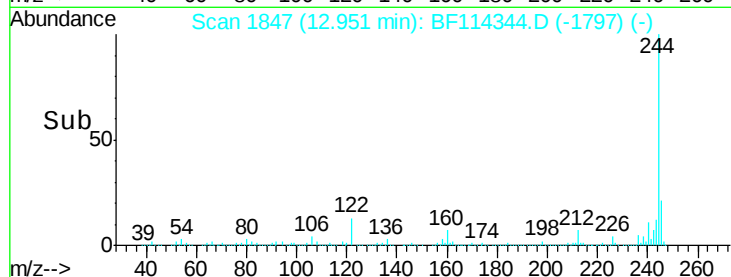
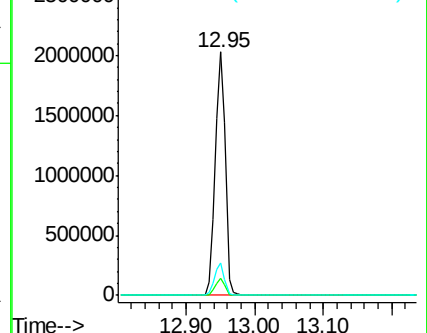
122 13.2 9.4 14.2



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF114344.D

Acq: 17 May 2019 12:48

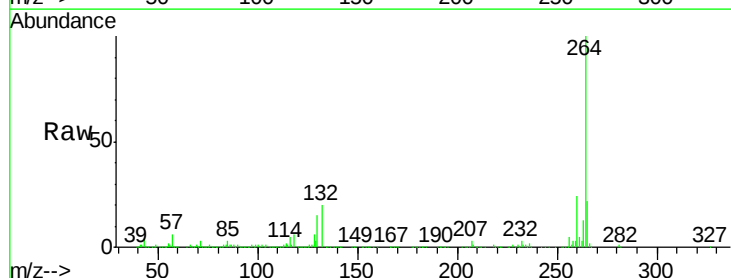
Tgt Ion:264 Resp: 516194

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.6 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

