

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114478.D
 Acq On : 22 May 2019 2:00
 Operator : JU/SJ
 Sample : K2951-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-S

Quant Time: May 22 08:18:03 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	207528	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	794002	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	361994	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	620462	20.00	ng	0.00
76) Chrysene-d12	14.00	240	412517	20.00	ng	0.00
87) Perylene-d12	15.46	264	359699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1299619	100.78	ng	0.00
7) Phenol-d6	6.48	99	1528059	100.19	ng	0.00
23) Nitrobenzene-d5	7.39	82	1158993	81.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	414074	110.64	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2083016	87.04	ng	0.00
79) Terphenyl-d14	12.93	244	1618024	80.86	ng	0.00

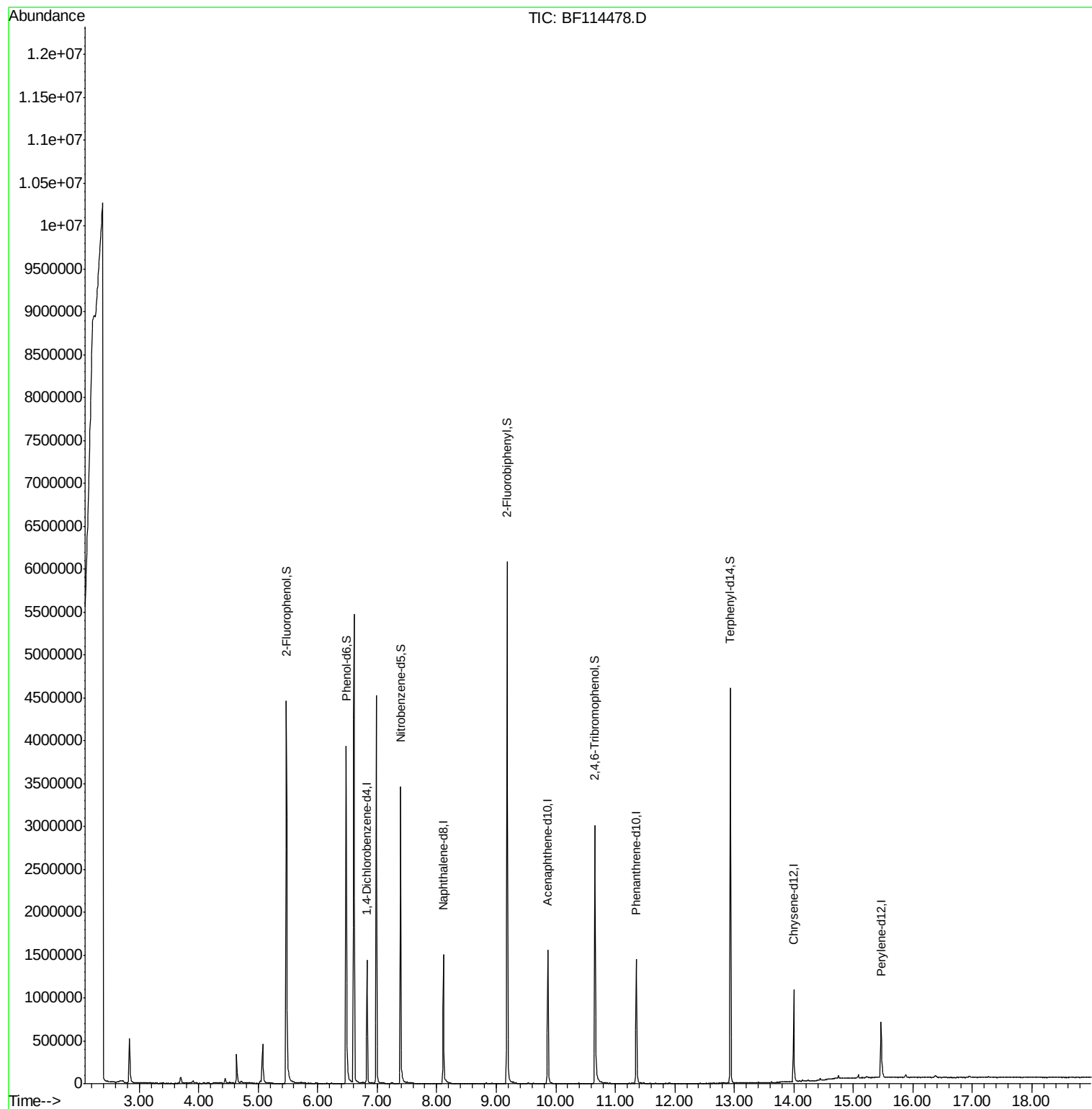
Target Compounds	Qvalue
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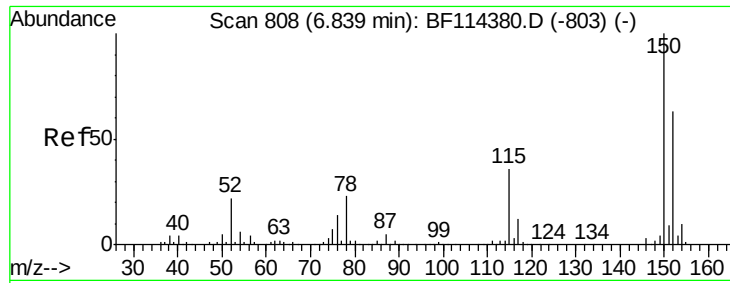
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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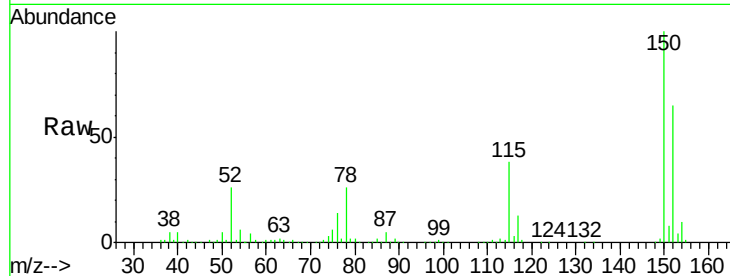


#1

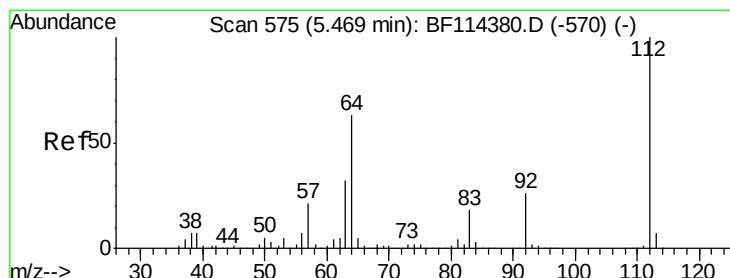
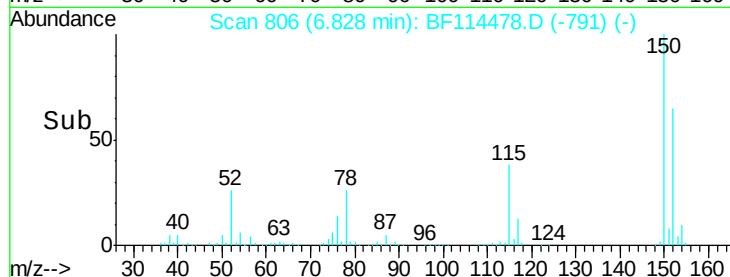
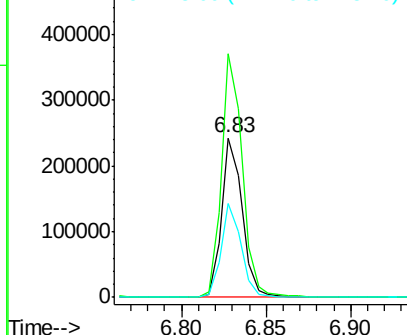
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114478.D
Acq: 22 May 2019 2:00

Instrument :
BNA_F
ClientSampleID :
TP-15-S

Tgt Ion:152 Resp: 207528
Ion Ratio Lower Upper
152 100
150 152.7 124.3 186.5
115 58.7 49.1 73.7



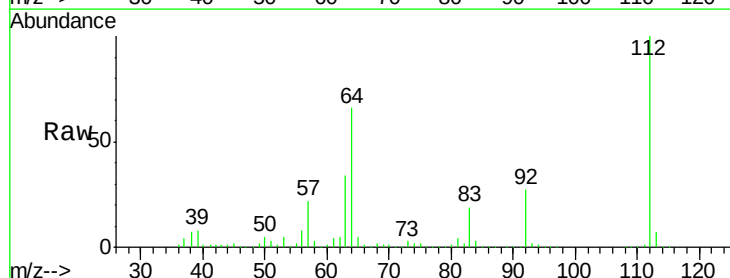
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



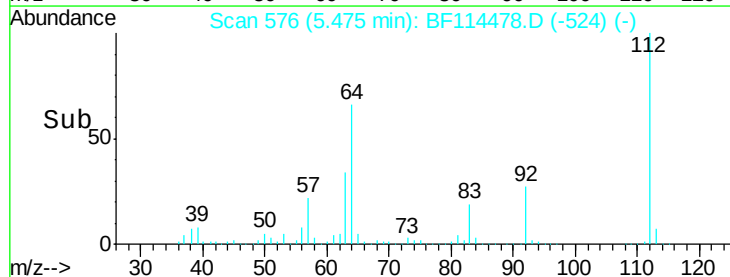
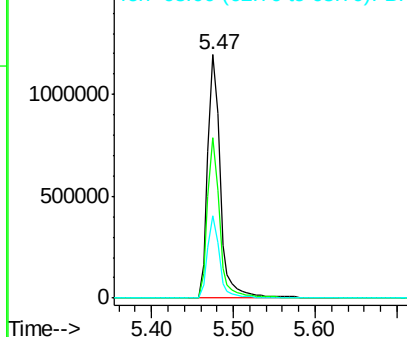
#5

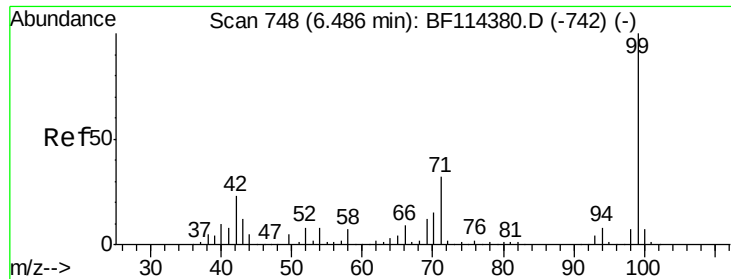
2-Fluorophenol
Concen: 100.778 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF114478.D
Acq: 22 May 2019 2:00

Tgt Ion:112 Resp: 1299619
Ion Ratio Lower Upper
112 100
64 65.9 49.0 73.6
63 33.6 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: 100.185 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114478.D

Acq: 22 May 2019 2:00

Instrument :

BNA_F

ClientSampleId :

TP-15-S

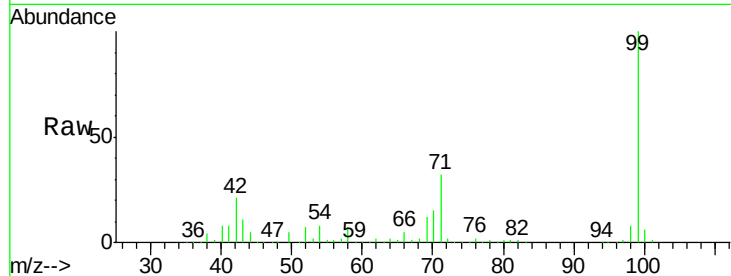
Tgt Ion: 99 Resp: 1528059

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

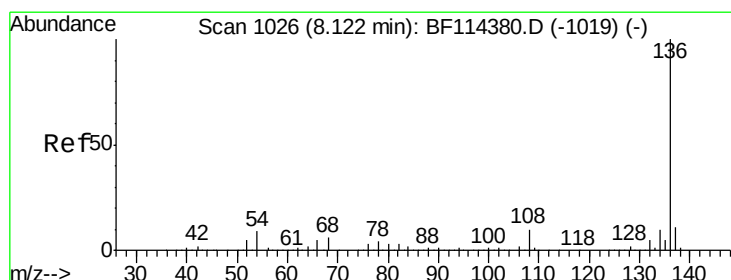
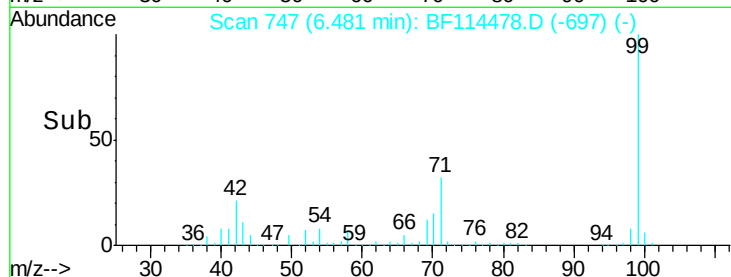
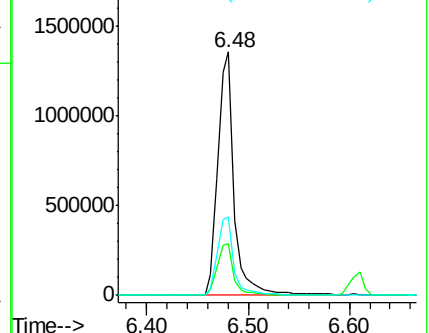
71 32.4 26.2 39.2



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114478.D

Acq: 22 May 2019 2:00

Tgt Ion: 136 Resp: 794002

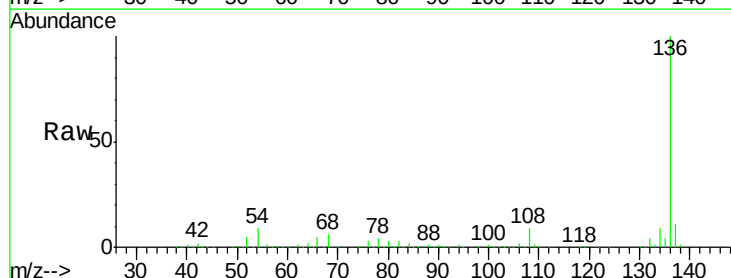
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.1 7.8 11.8

68 5.7 5.1 7.7

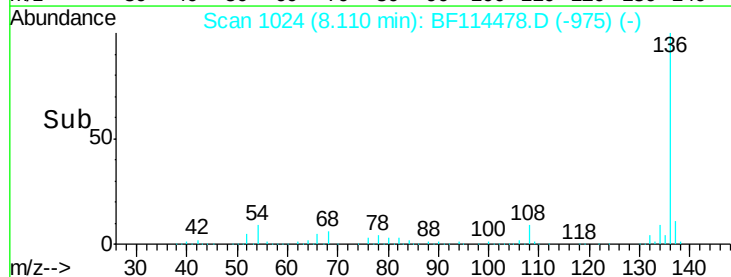
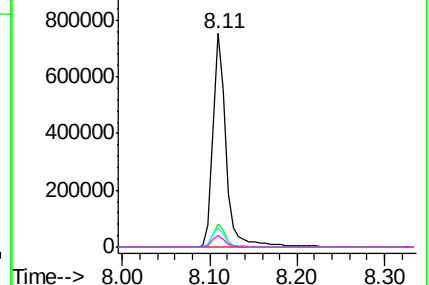


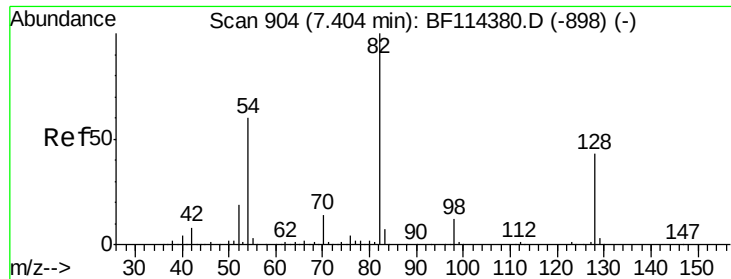
Abundance Ion 136.00 (135.70 to 136.70): E

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

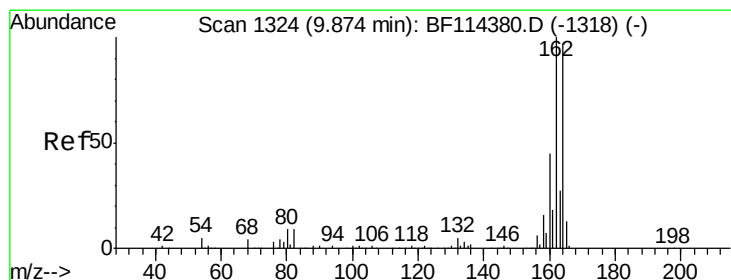
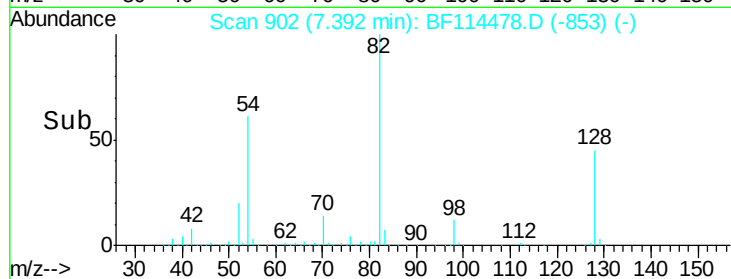
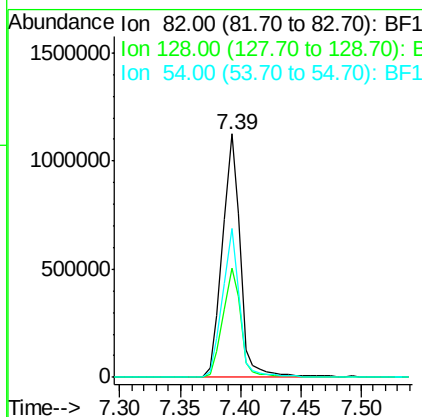
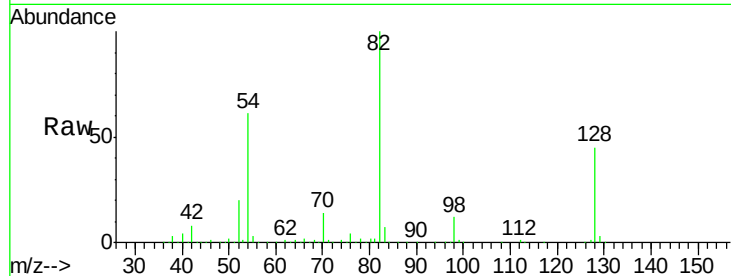




#23
 Nitrobenzene-d5
 Concen: 81.918 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114478.D
 Acq: 22 May 2019 2:00

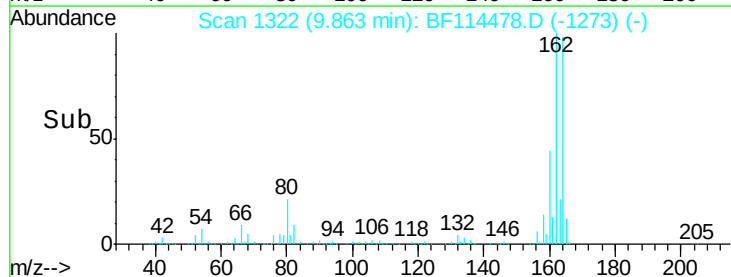
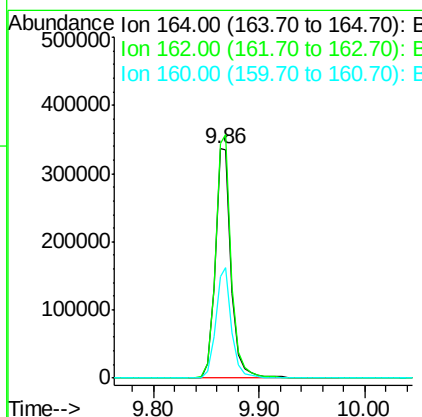
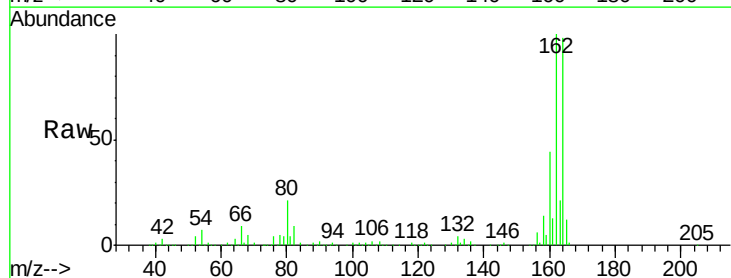
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-S

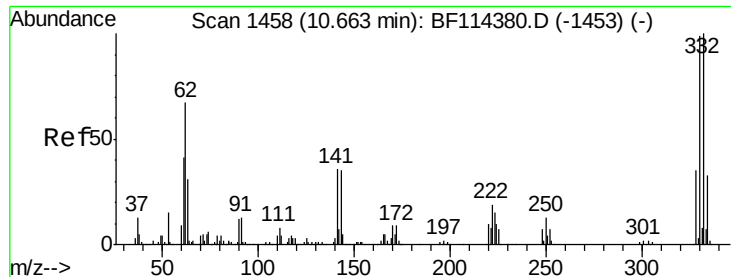
Tgt Ion: 82 Resp: 1158993
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.5 53.3
 54 61.1 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114478.D
 Acq: 22 May 2019 2:00

Tgt Ion: 164 Resp: 361994
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.6 120.8
 160 44.6 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 110.644 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114478.D

Acq: 22 May 2019 2:00

Instrument :

BNA_F

ClientSampleId :

TP-15-S

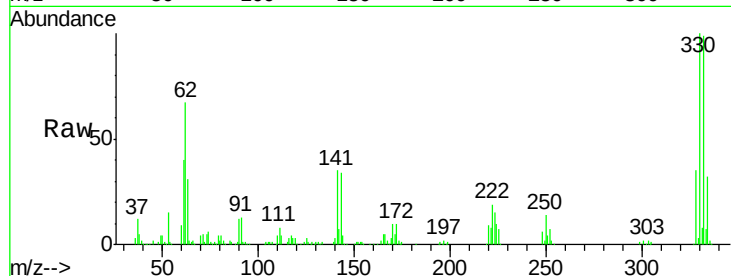
Tgt Ion:330 Resp: 414074

Ion Ratio Lower Upper

330 100

332 100.6 81.4 122.2

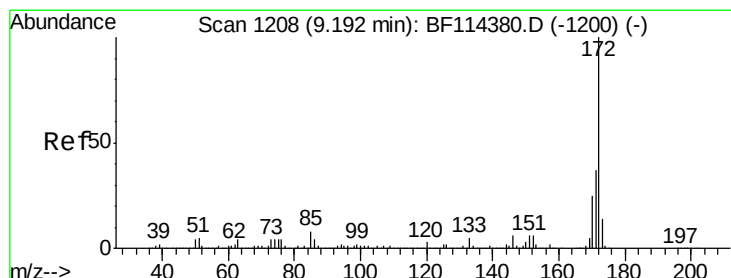
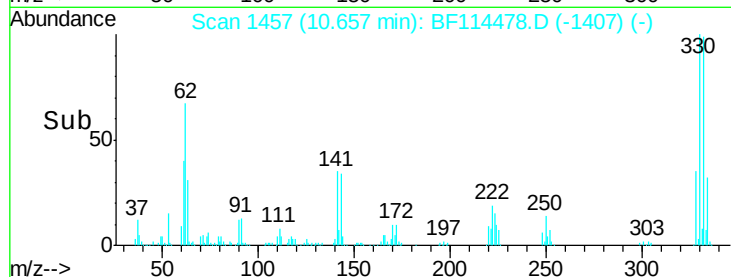
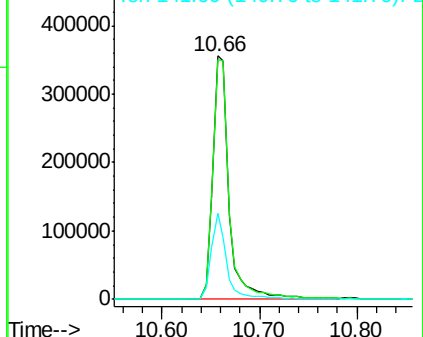
141 33.1 26.6 40.0



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: 87.043 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114478.D

Acq: 22 May 2019 2:00

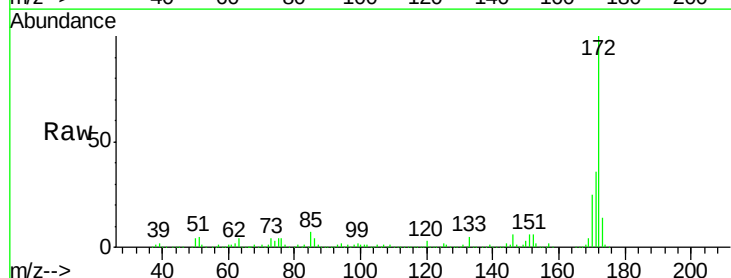
Tgt Ion:172 Resp: 2083016

Ion Ratio Lower Upper

172 100

171 36.4 30.7 46.1

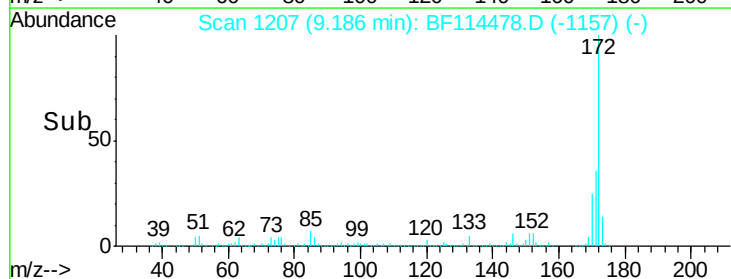
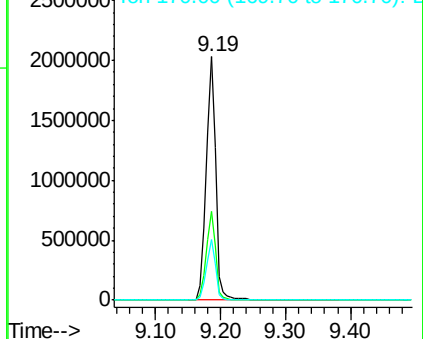
170 24.7 20.5 30.7

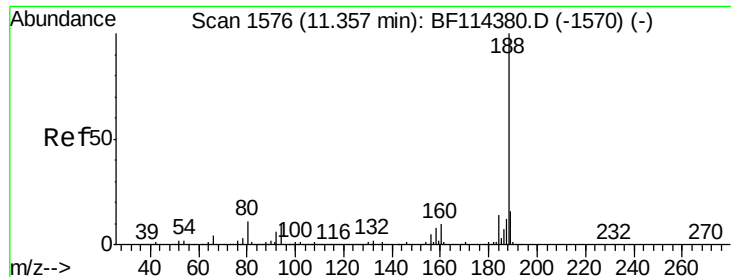


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

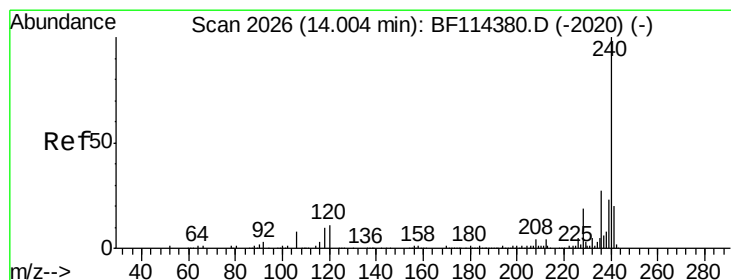
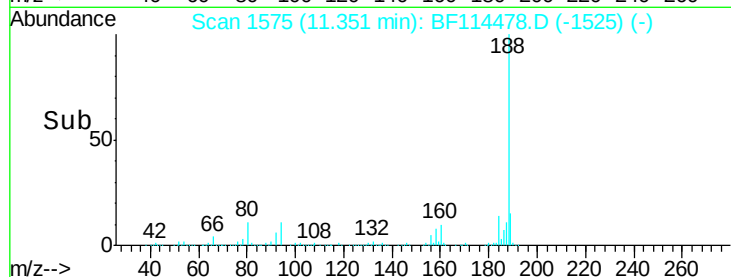
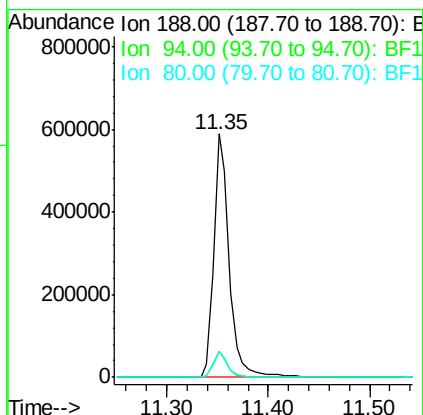
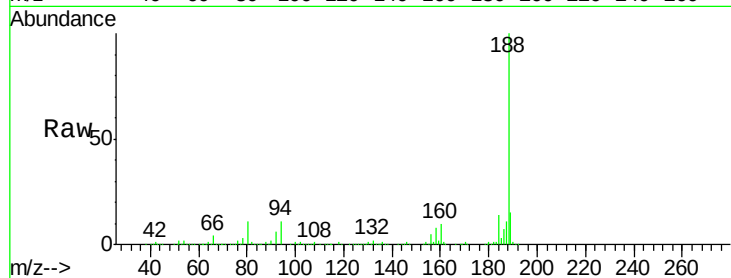




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114478.D
Acq: 22 May 2019 2:00

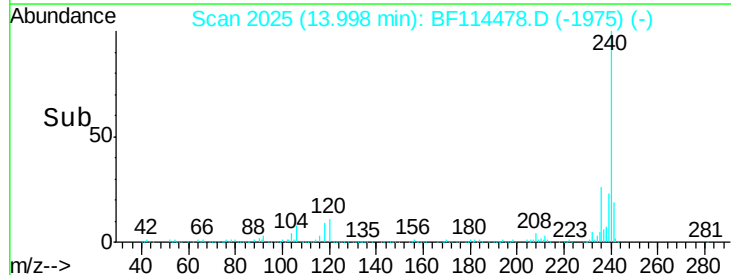
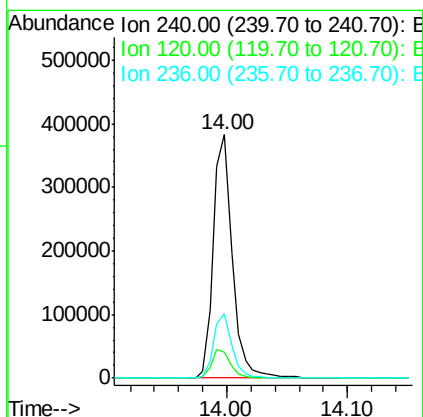
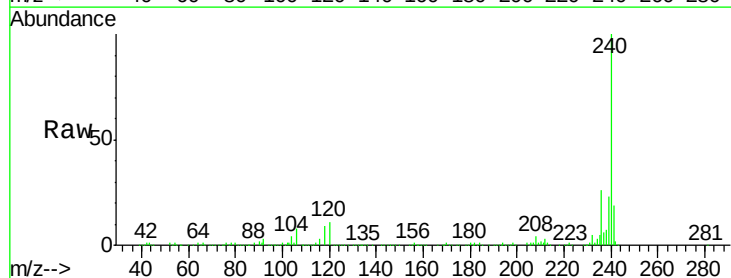
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TP-15-S

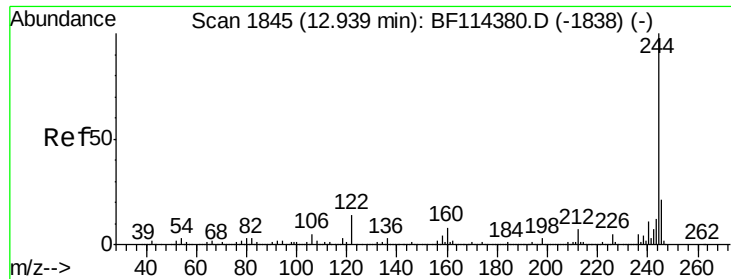
Tgt Ion:188 Resp: 620462
Ion Ratio Lower Upper
188 100
94 10.7 8.4 12.6
80 10.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114478.D
Acq: 22 May 2019 2:00

Tgt Ion:240 Resp: 412517
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 80.856 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114478.D

Acq: 22 May 2019 2:00

Instrument :

BNA_F

ClientSampleId :

TP-15-S

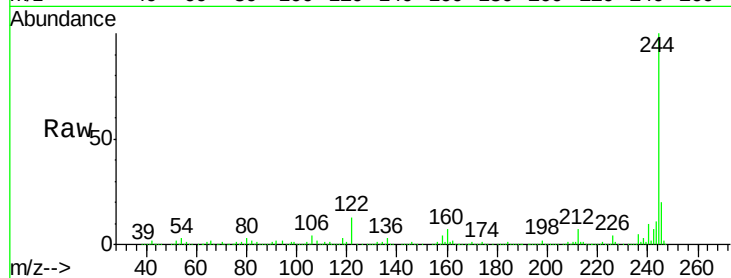
Tgt Ion:244 Resp: 1618024

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

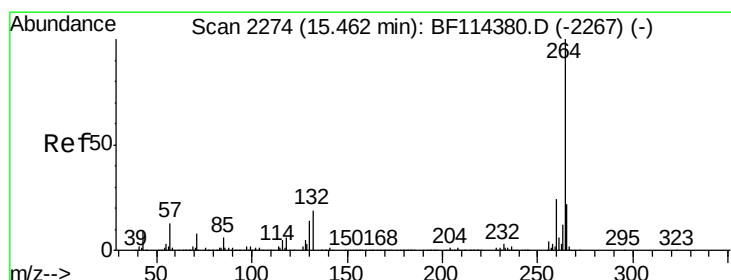
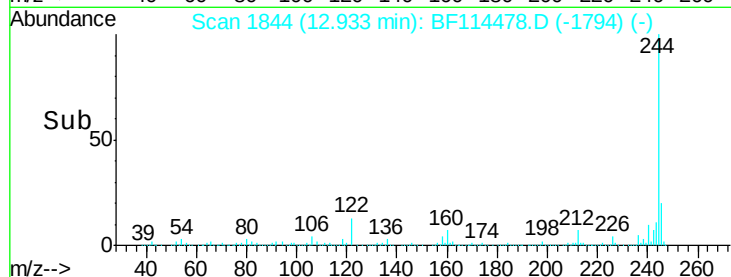
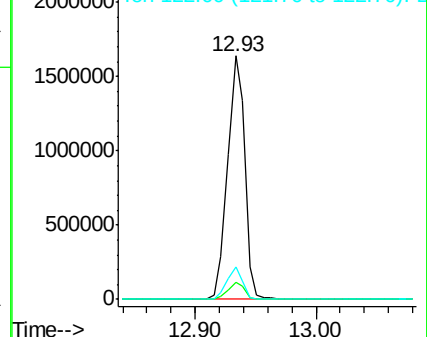
122 13.3 9.4 14.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF114478.D

Acq: 22 May 2019 2:00

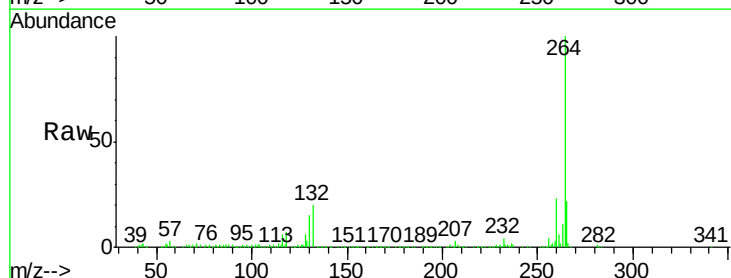
Tgt Ion:264 Resp: 359699

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 22.2 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

