

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114592.D
 Acq On : 25 May 2019 1:22
 Operator : JU/SJ
 Sample : K3026-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-S

Quant Time: May 26 23:08:10 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	6.82	152	158074	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	599841	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	282186	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	579203	20.00	ng	0.00
76) Chrysene-d12	13.98	240	367723	20.00	ng	0.00
87) Perylene-d12	15.44	264	375193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1048524	106.74	ng	0.01
7) Phenol-d6	6.46	99	1231324	105.99	ng	0.00
23) Nitrobenzene-d5	7.37	82	907288	84.88	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	372962	127.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1611681	86.39	ng	0.00
79) Terphenyl-d14	12.92	244	1722601	96.57	ng	0.00

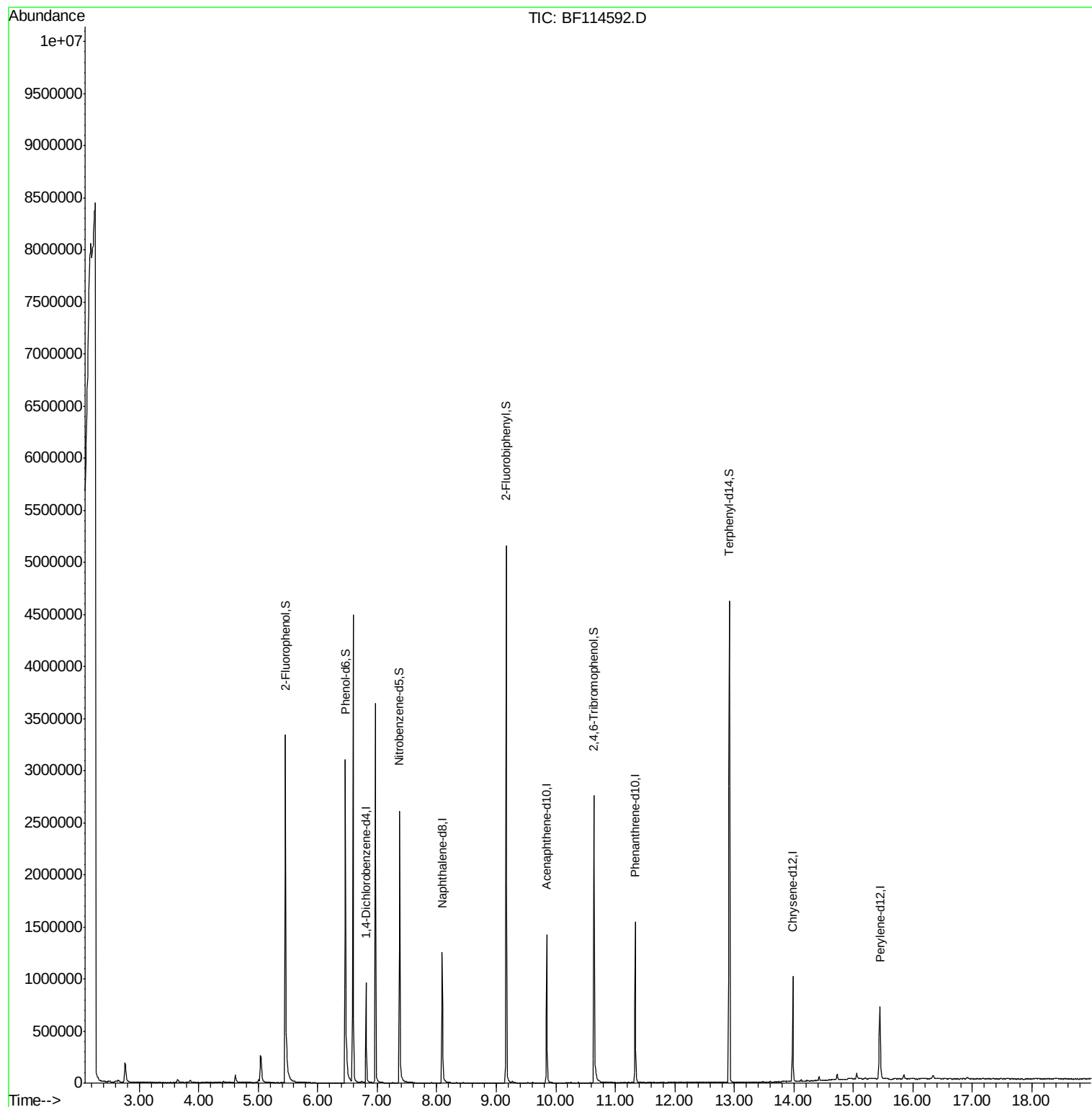
Target Compounds Qvalue

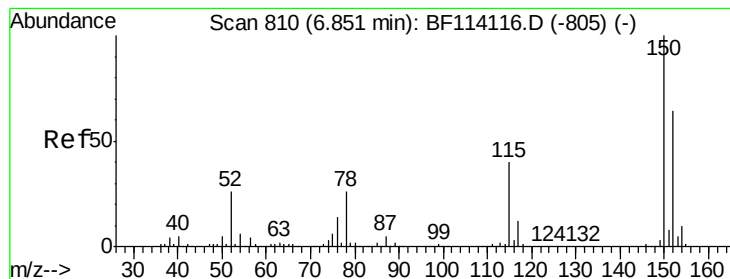
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF114592.D

Acq: 25 May 2019 1:22

Instrument :

BNA_F

ClientSampleId :

TP-5-S

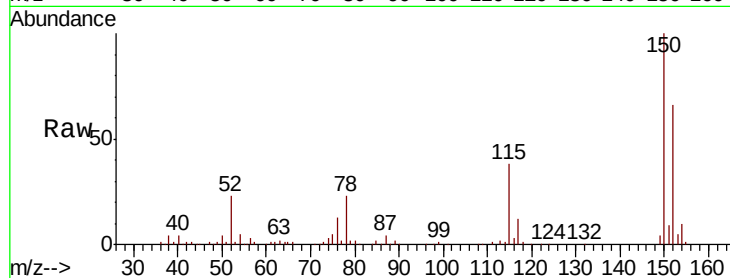
Tot Ion:152 Resp: 158074

Ion Ratio Lower Upper

152 100

150 152.3 124.3 186.5

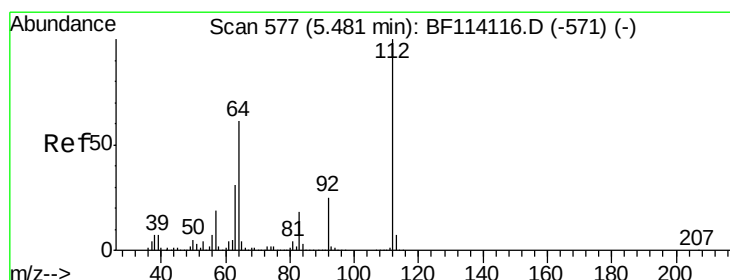
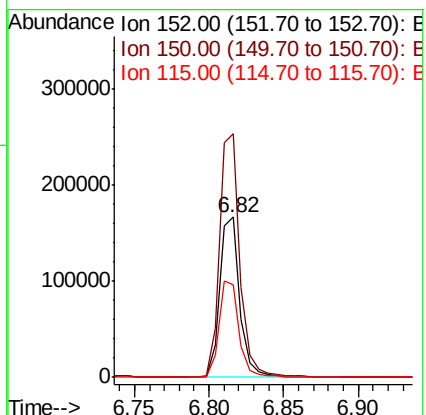
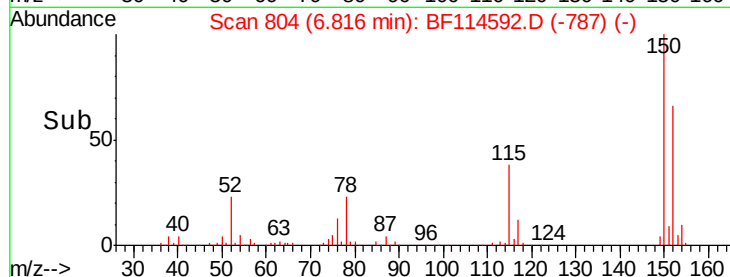
115 58.1 49.1 73.7



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: 106.744 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF114592.D

Acq: 25 May 2019 1:22

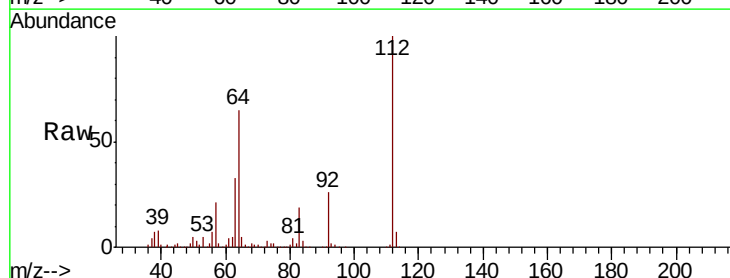
Tgt Ion:112 Resp: 1048524

Ion Ratio Lower Upper

112 100

64 65.2 49.0 73.6

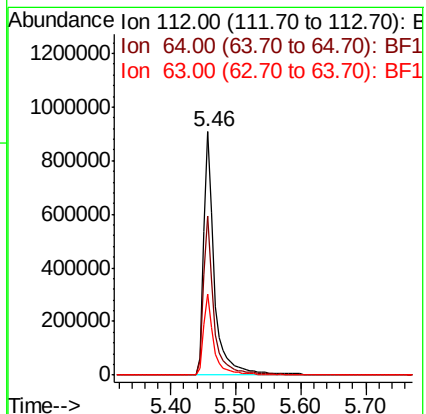
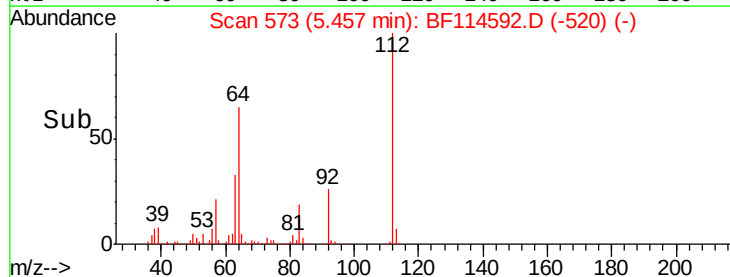
63 33.4 24.6 37.0

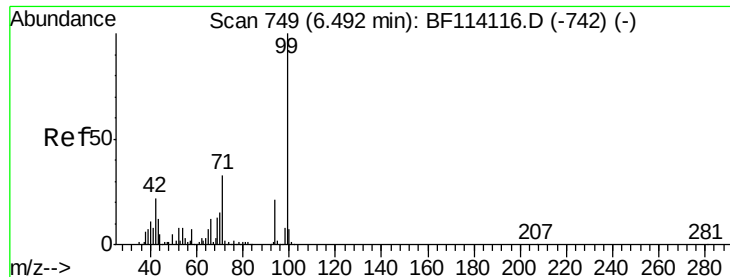


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.987 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114592.D

Acq: 25 May 2019 1:22

Instrument :

BNA_F

ClientSampled :

TP-5-S

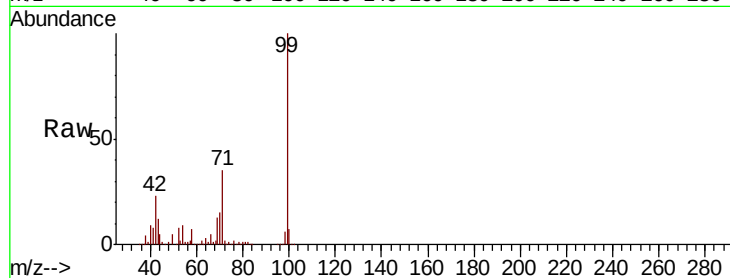
Tot Ion: 99 Resp: 1231324

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

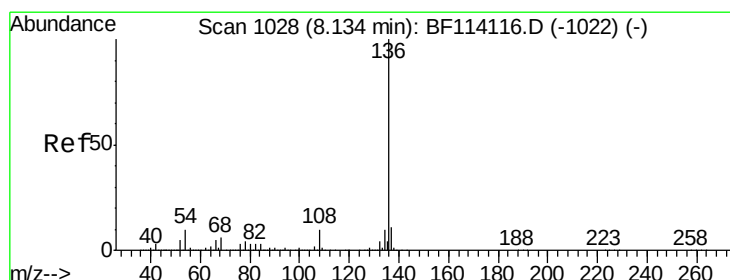
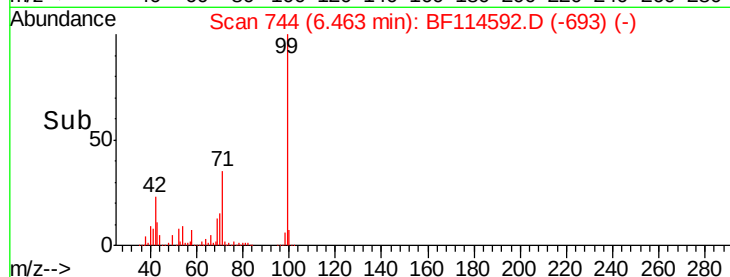
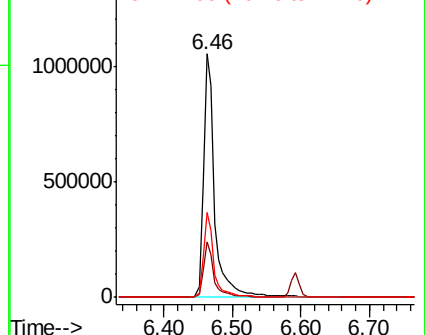
71 34.9 26.2 39.2



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: BF114592.D

Acq: 25 May 2019 1:22

Tgt Ion: 136 Resp: 599841

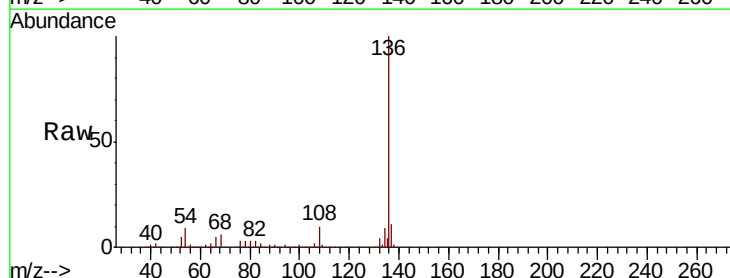
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.0 7.8 11.8

68 5.9 5.1 7.7

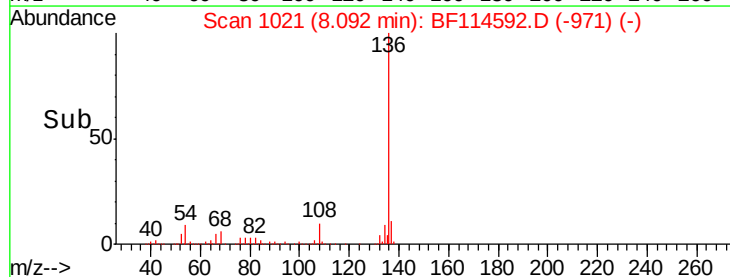
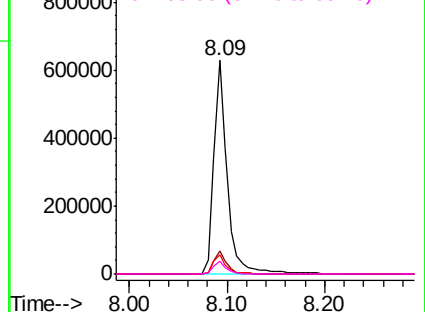


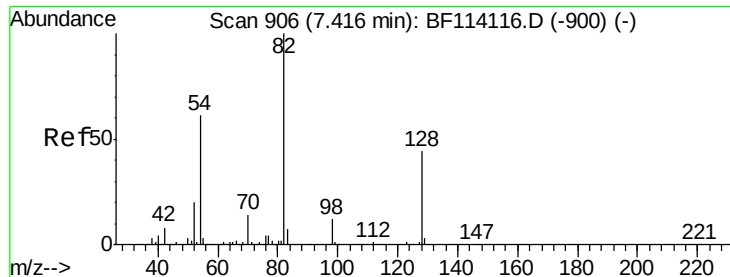
Abundance Ion 136.00 (135.70 to 136.70): E

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

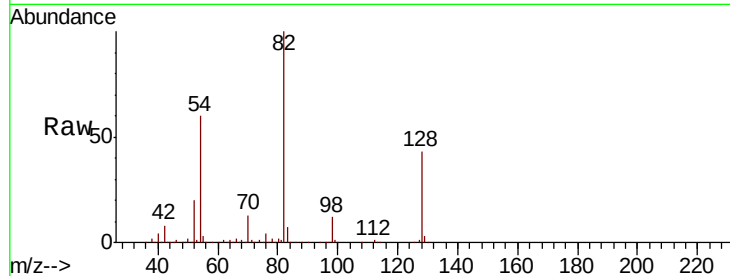




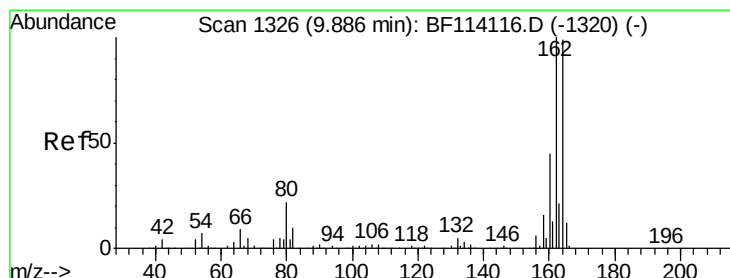
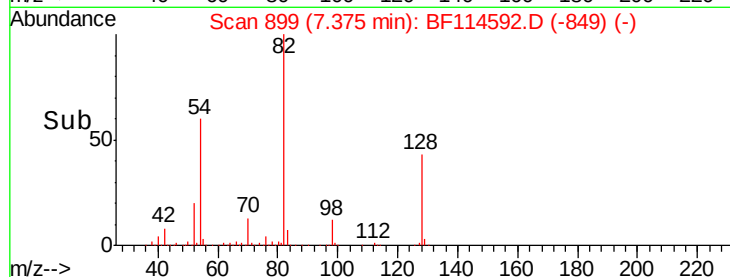
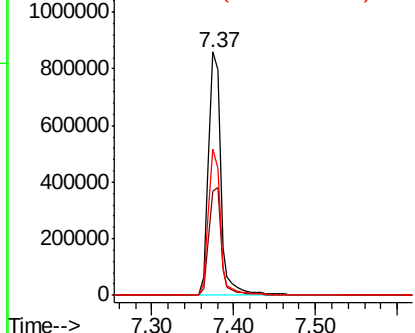
#23
Nitrobenzene-d5
Concen: 84.884 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114592.D
Acq: 25 May 2019 1:22

Instrument :
BNA_F
ClientSampleId :
TP-5-S

Tot Ion	82	Resp	907288
Ion Ratio	100	Lower	Upper
128	43.0	35.5	53.3
54	60.1	48.5	72.7

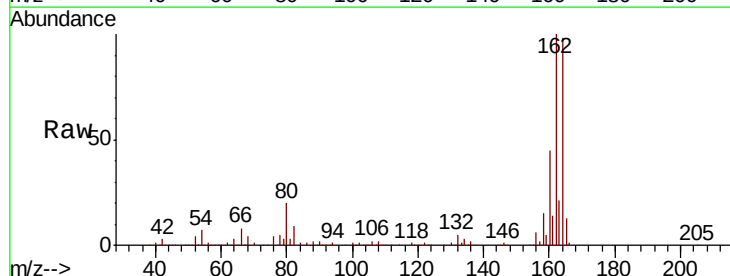


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

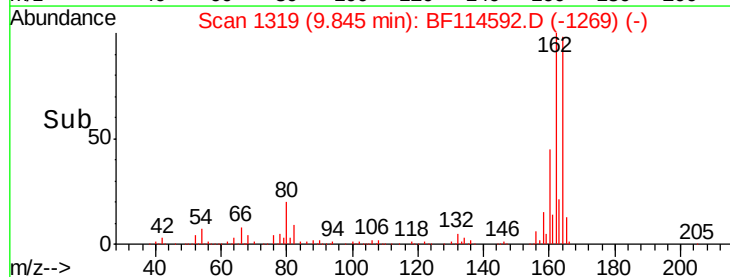
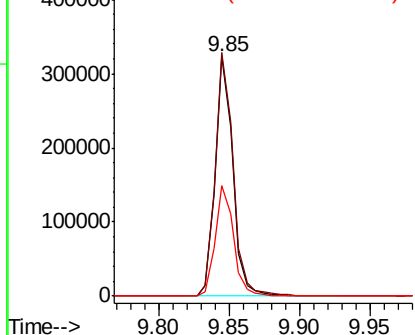


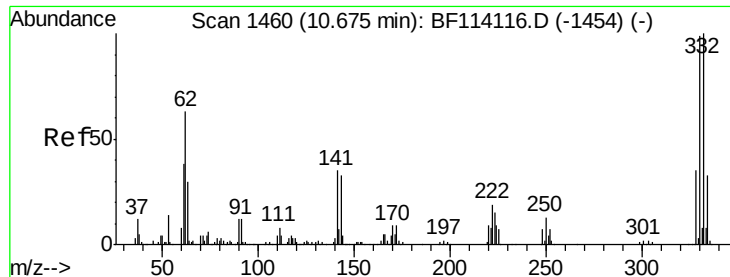
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114592.D
Acq: 25 May 2019 1:22

Tgt Ion	164	Resp	282186
Ion Ratio	100	Lower	Upper
162	101.8	80.6	120.8
160	46.3	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: 127.844 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114592.D

Acq: 25 May 2019 1:22

Instrument :

BNA_F

ClientSampleId :

TP-5-S

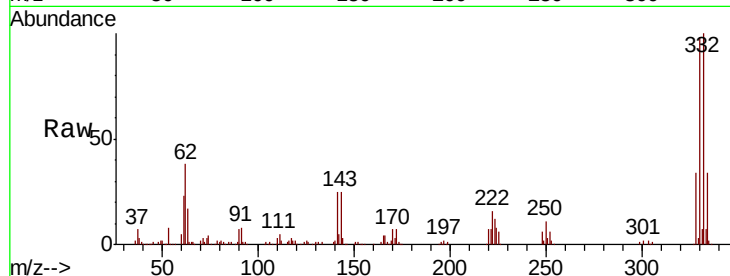
Tot Ion:330 Resp: 372962

Ion Ratio Lower Upper

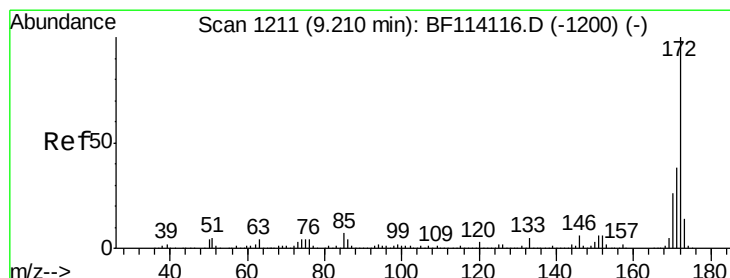
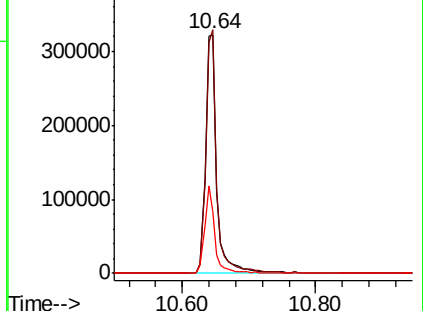
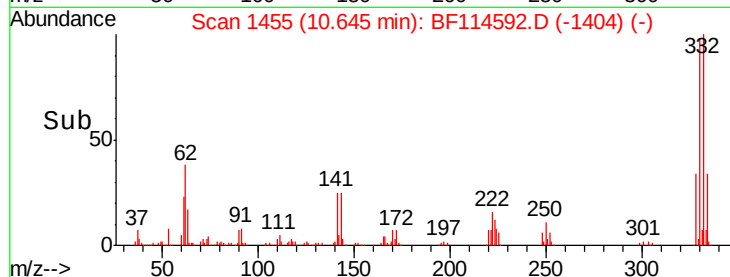
330 100

332 98.5 81.4 122.2

141 32.6 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: 86.395 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114592.D

Acq: 25 May 2019 1:22

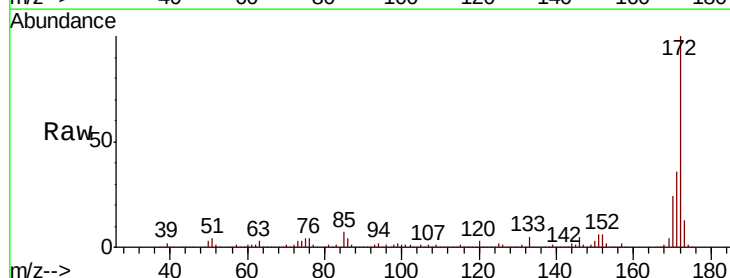
Tgt Ion:172 Resp: 1611681

Ion Ratio Lower Upper

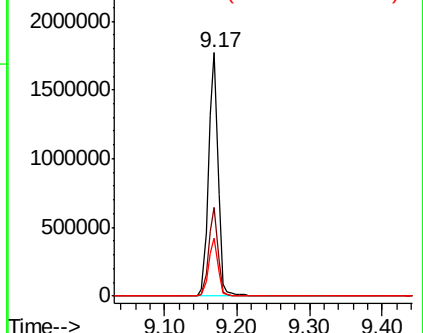
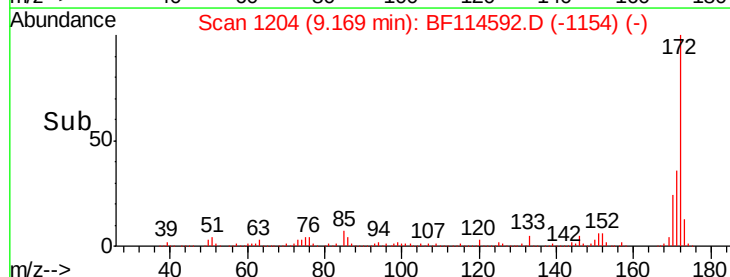
172 100

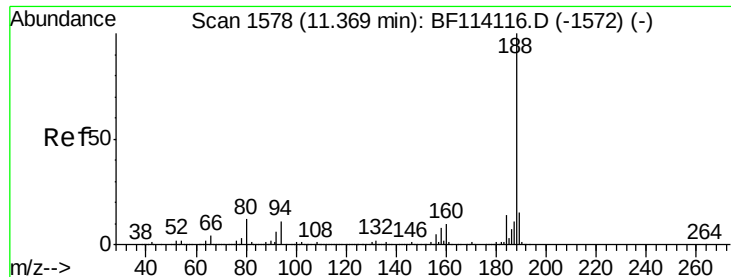
171 36.3 30.7 46.1

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

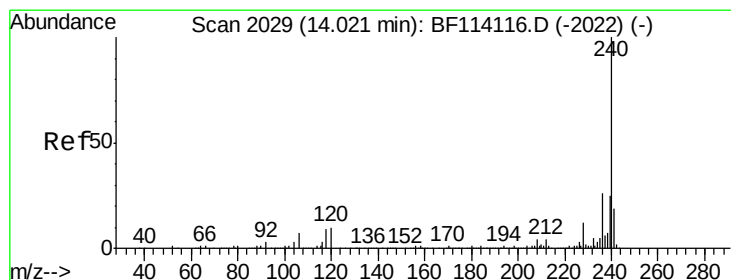
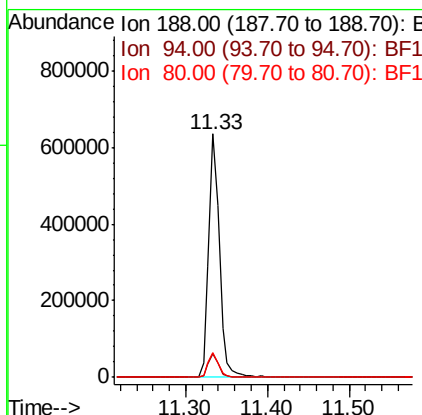
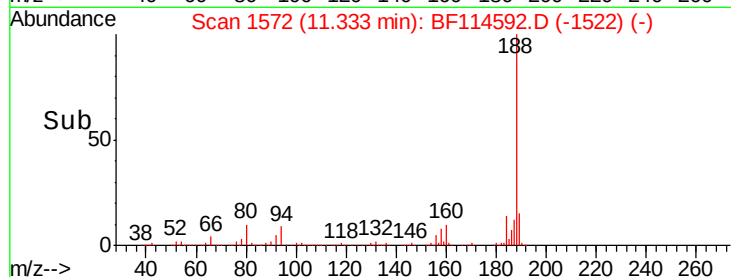
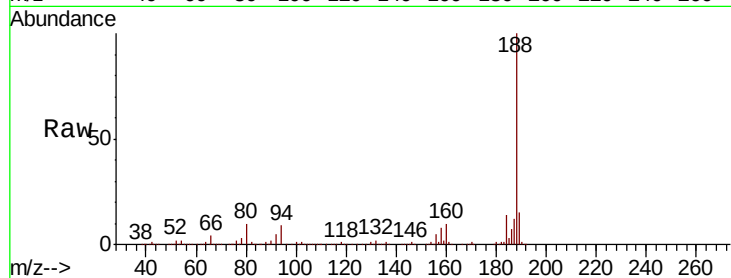




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114592.D
Acq: 25 May 2019 1:22

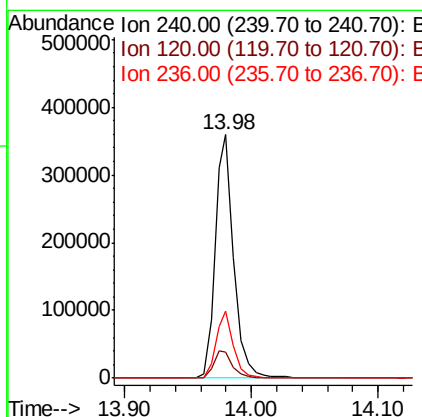
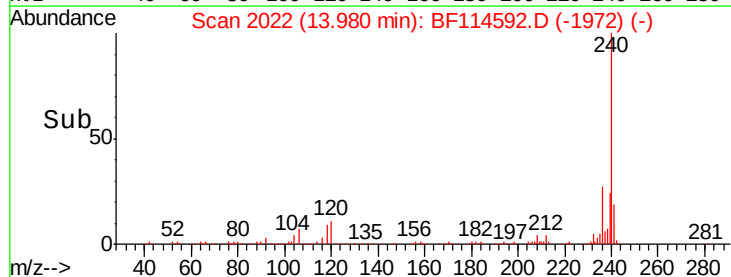
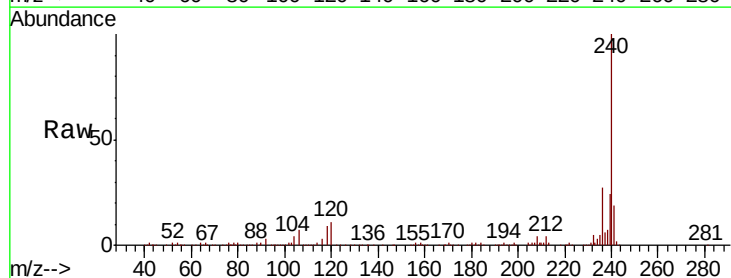
Instrument :
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TP-5-S

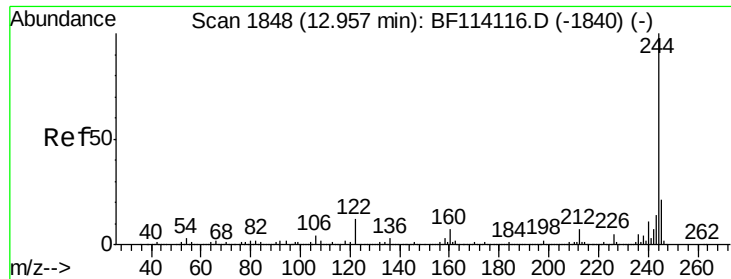
Tot Ion:188 Resp: 579203
Ion Ratio Lower Upper
188 100
94 9.4 8.4 12.6
80 10.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114592.D
Acq: 25 May 2019 1:22

Tgt Ion:240 Resp: 367723
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 27.4 20.8 31.2

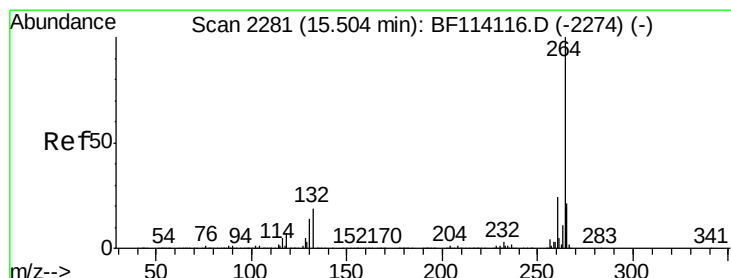
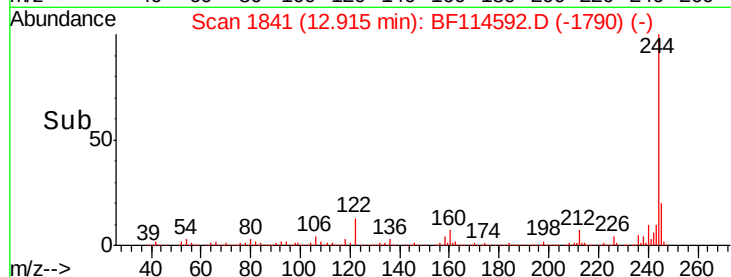
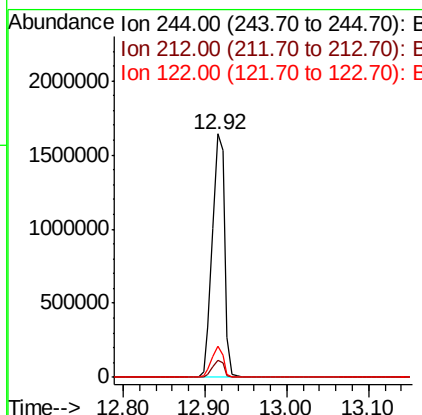
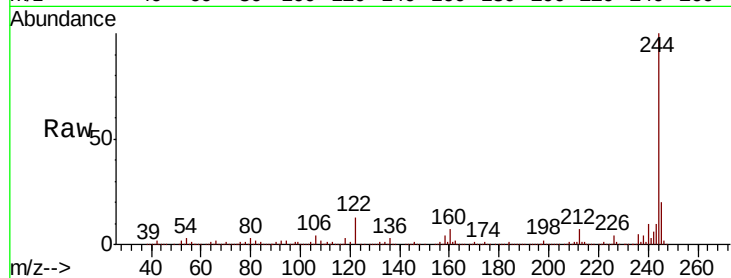




#79
 Terphenyl-d14
 Concen: 96.568 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114592.D
 Acq: 25 May 2019 1:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-S

Tot Ion:244 Resp: 1722601
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.0 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114592.D
 Acq: 25 May 2019 1:22

Tgt Ion:264 Resp: 375193
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.0
 265 21.7 16.9 25.3

