

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114476.D
 Acq On : 22 May 2019 1:07
 Operator : JU/SJ
 Sample : K2951-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Quant Time: May 22 08:15:01 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	204711	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	785959	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	363704	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	602169	20.00	ng	0.00
76) Chrysene-d12	14.00	240	385030	20.00	ng	0.00
87) Perylene-d12	15.47	264	328221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1342990	105.57	ng	0.00
7) Phenol-d6	6.48	99	1586583	105.45	ng	0.00
23) Nitrobenzene-d5	7.39	82	1186676	84.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	422658	112.41	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2114594	87.95	ng	0.00
79) Terphenyl-d14	12.93	244	1568941	84.00	ng	0.00

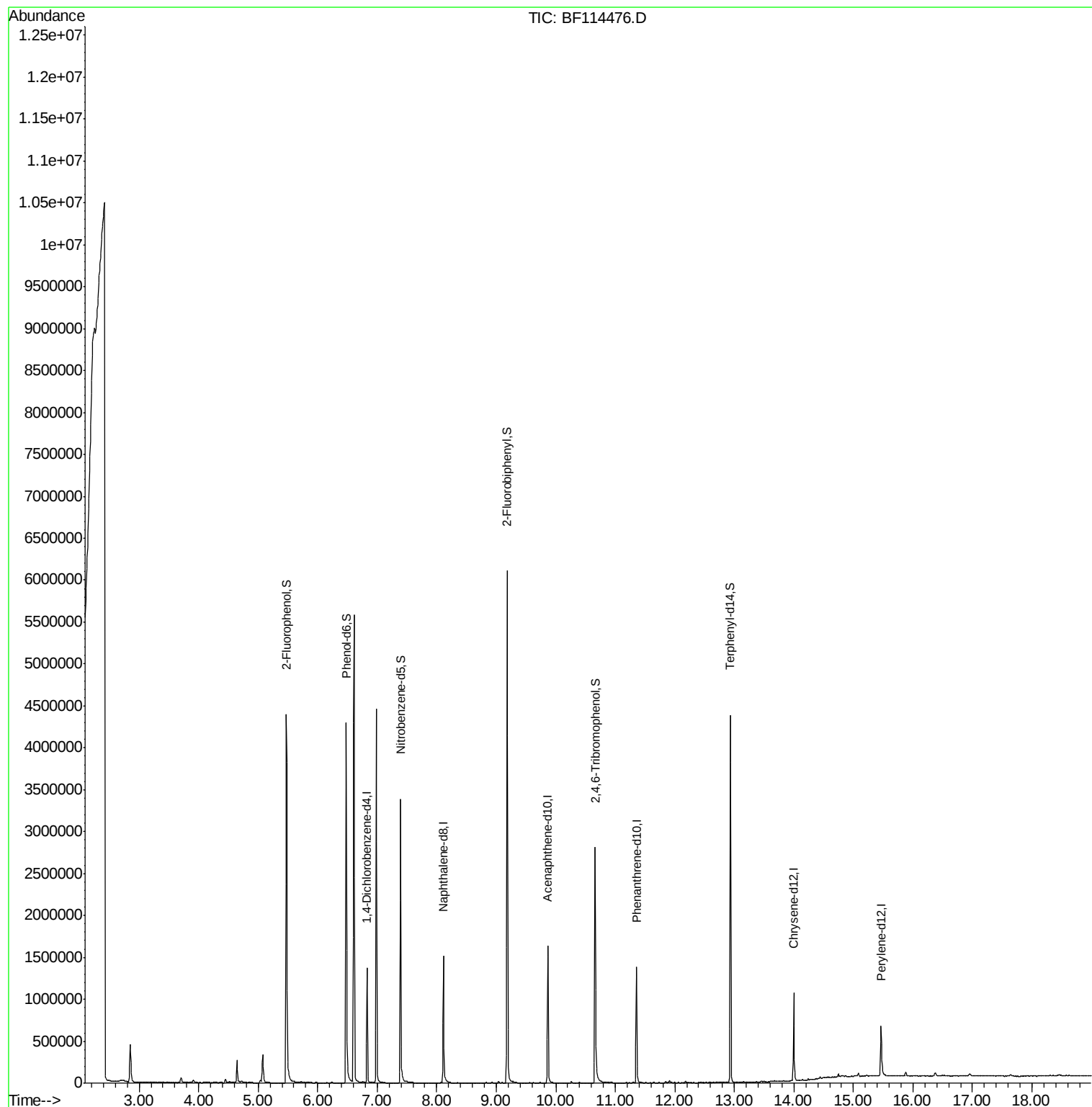
Target Compounds	Qvalue
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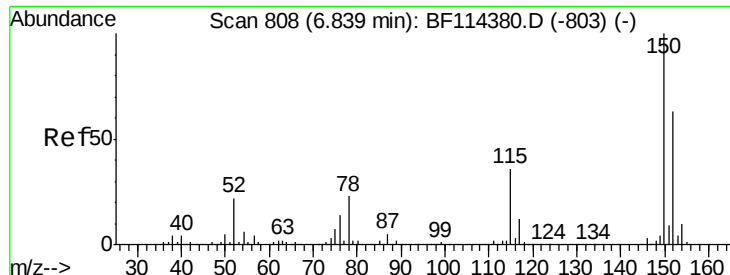
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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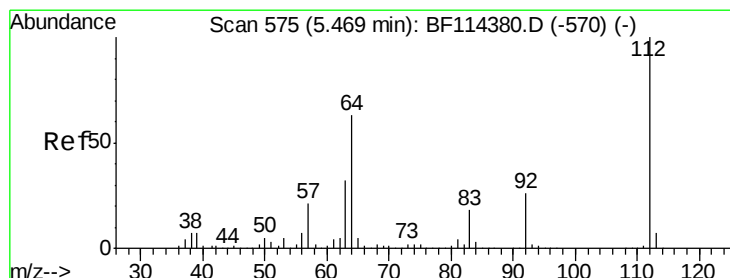
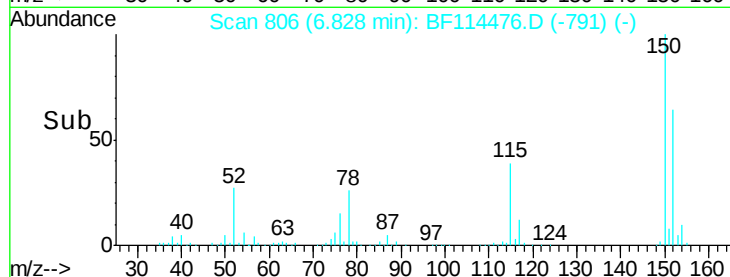
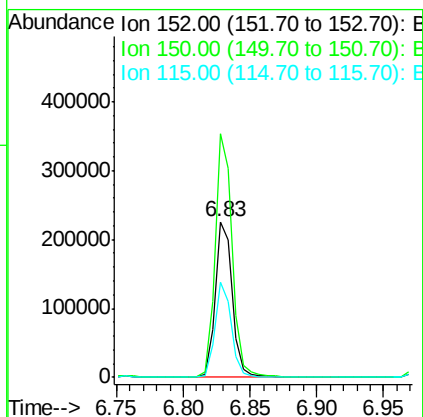
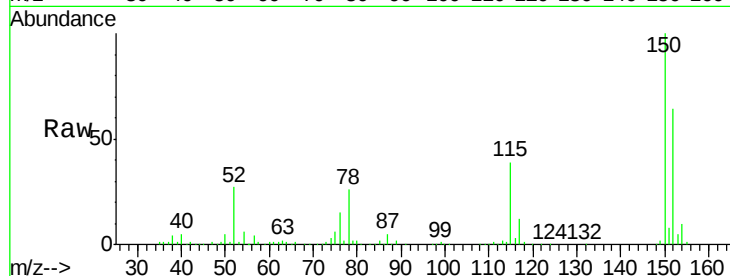


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114476.D
Acq: 22 May 2019 1:07

Instrument :
BNA_F
ClientSampleId :
TP-12-S

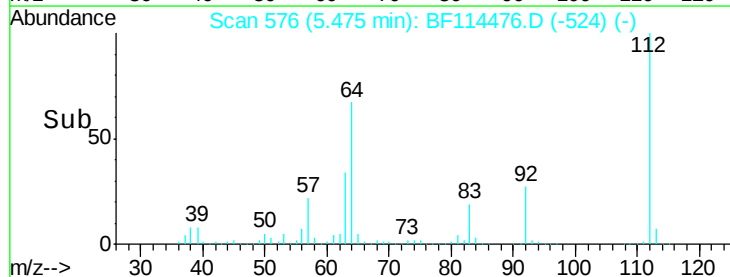
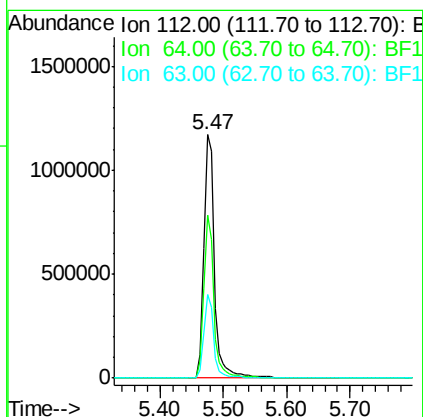
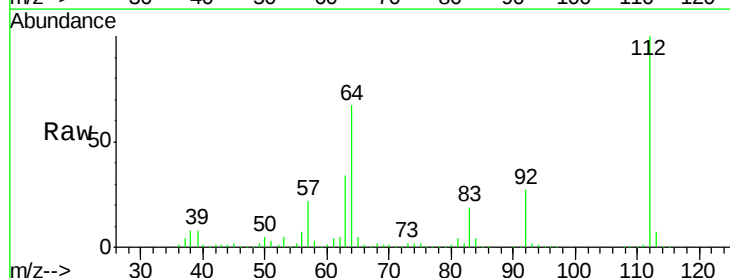
Tgt Ion:152 Resp: 204711
Ion Ratio Lower Upper
152 100
150 156.6 124.3 186.5
115 60.8 49.1 73.7

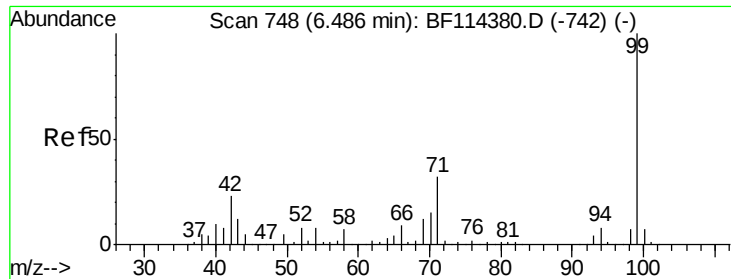


#5

2-Fluorophenol
Concen: 105.574 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF114476.D
Acq: 22 May 2019 1:07

Tgt Ion:112 Resp: 1342990
Ion Ratio Lower Upper
112 100
64 66.9 49.0 73.6
63 34.1 24.6 37.0





#7

Phenol-d6

Concen: 105.454 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114476.D

Acq: 22 May 2019 1:07

Instrument :

BNA_F

ClientSampleId :

TP-12-S

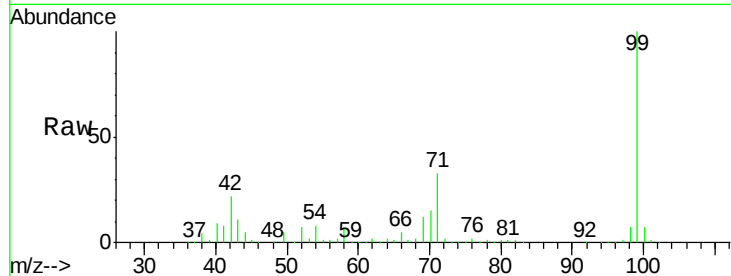
Tgt Ion: 99 Resp: 1586583

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

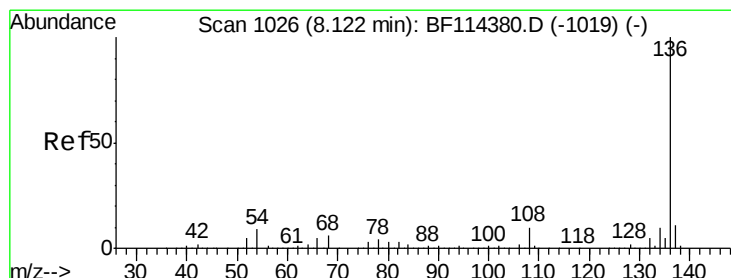
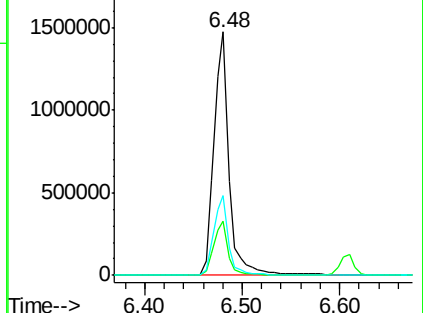
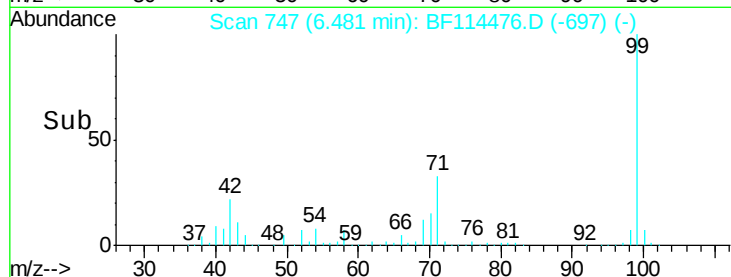
71 32.7 26.2 39.2



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: BF114476.D

Acq: 22 May 2019 1:07

Tgt Ion: 136 Resp: 785959

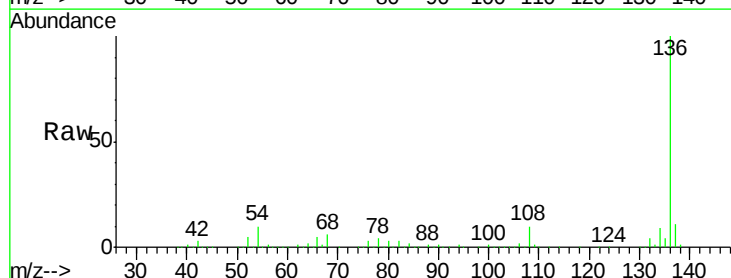
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.8 7.8 11.8

68 6.3 5.1 7.7

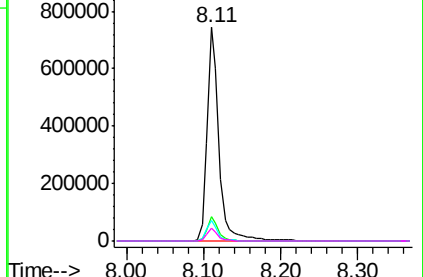
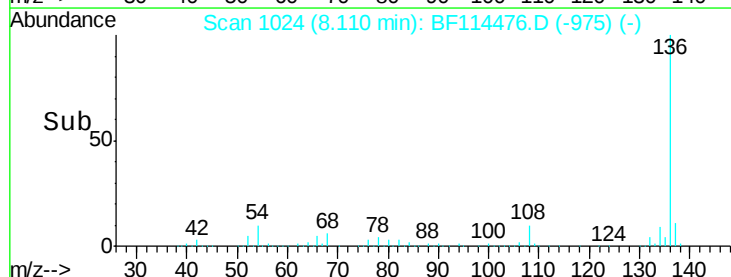


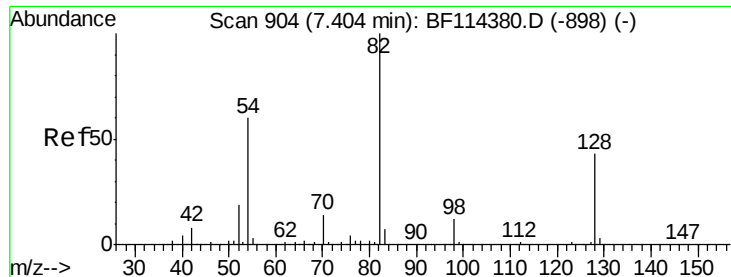
Abundance Ion 136.00 (135.70 to 136.70): E

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

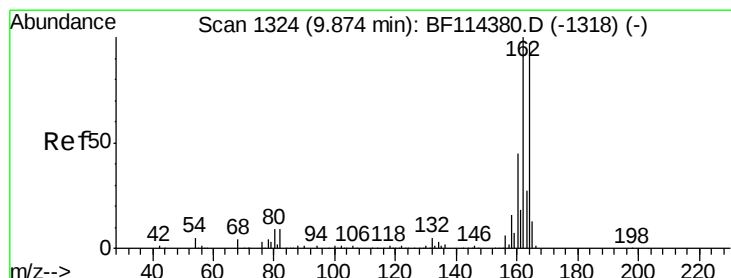
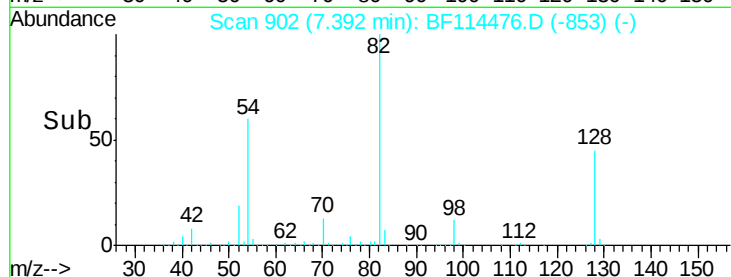
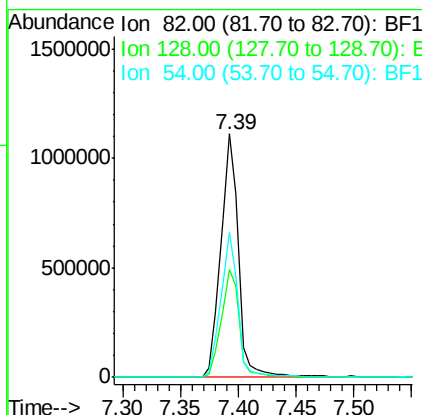
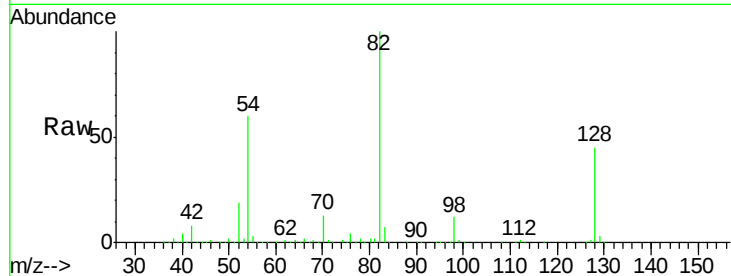




#23
 Nitrobenzene-d5
 Concen: 84.733 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114476.D
 Acq: 22 May 2019 1:07

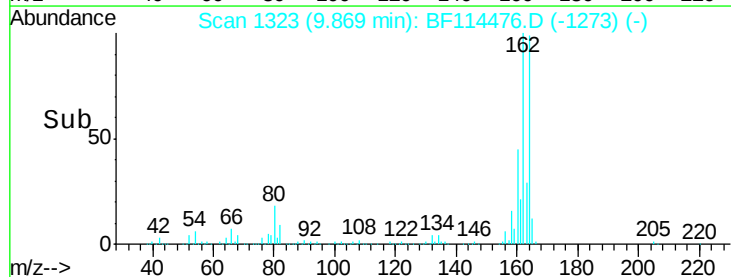
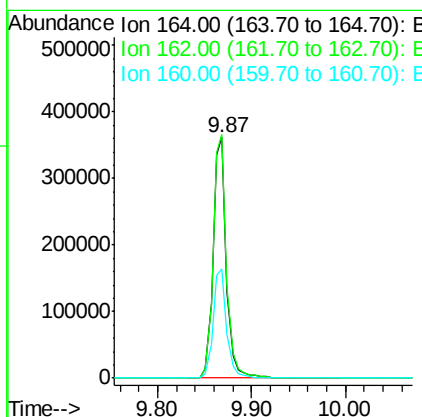
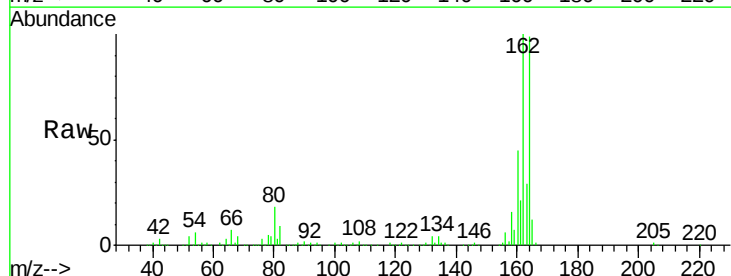
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 TP-12-S

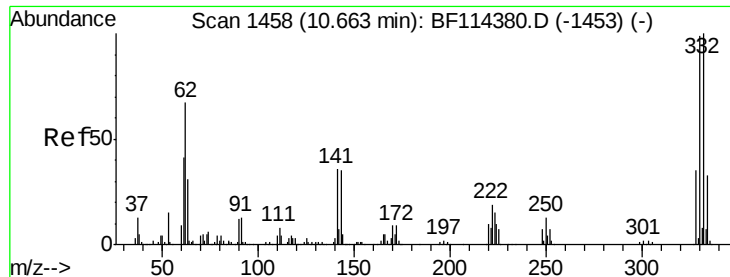
Tgt Ion: 82 Resp: 1186676
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.5 53.3
 54 59.7 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114476.D
 Acq: 22 May 2019 1:07

Tgt Ion: 164 Resp: 363704
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.6 120.8
 160 45.6 36.5 54.7

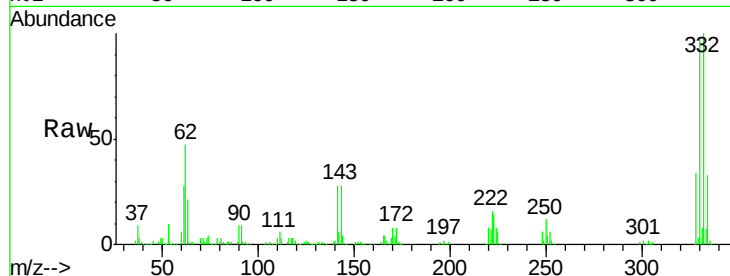




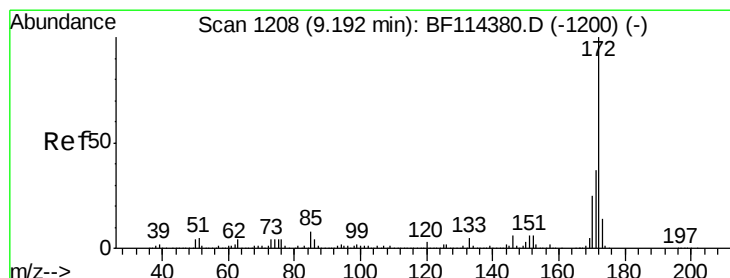
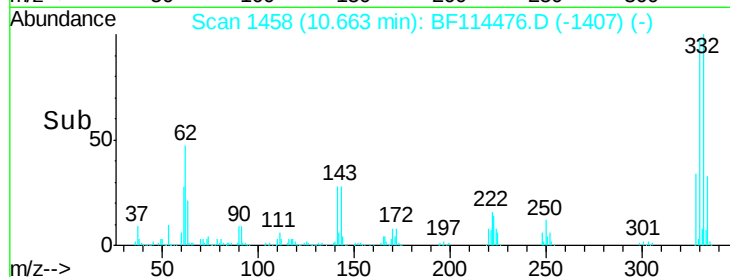
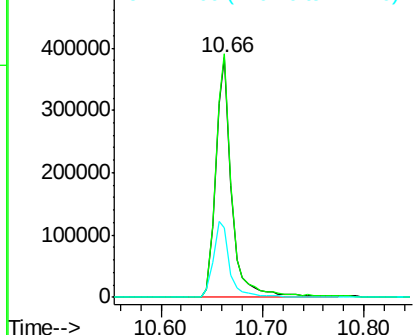
#42
 2,4,6-Tribromophenol
 Concen: 112.406 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114476.D
 Acq: 22 May 2019 1:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Tgt Ion:330 Resp: 422658
 Ion Ratio Lower Upper
 330 100
 332 102.5 81.4 122.2
 141 33.6 26.6 40.0

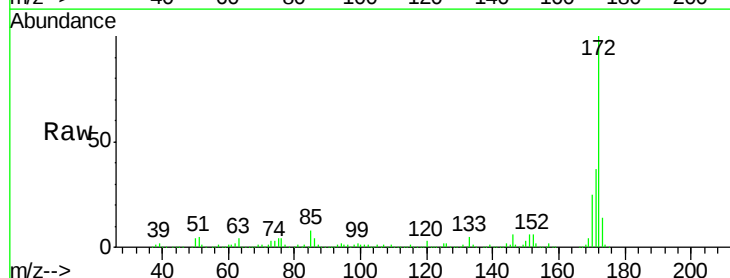


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

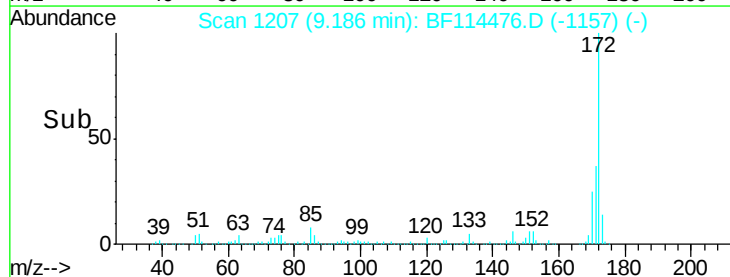
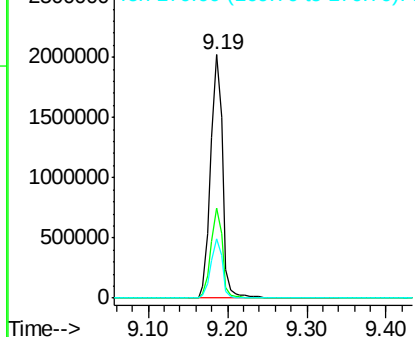


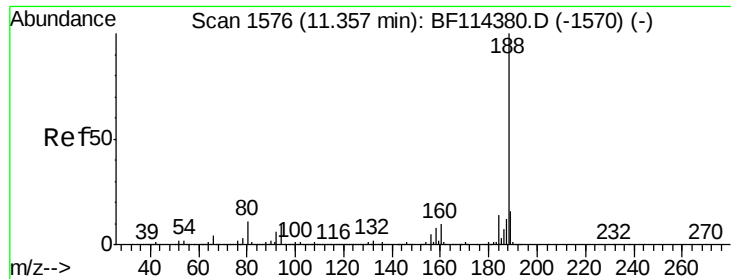
#45
 2-Fluorobiphenyl
 Concen: 87.947 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114476.D
 Acq: 22 May 2019 1:07

Tgt Ion:172 Resp: 2114594
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.7 46.1
 170 24.6 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

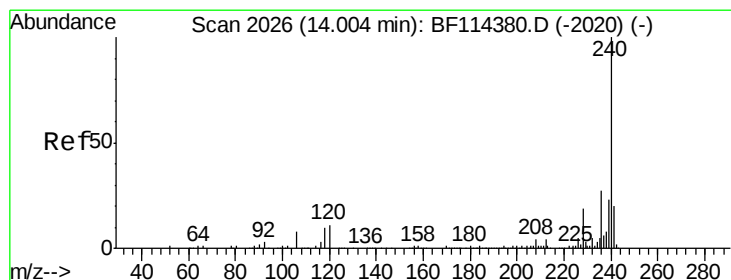
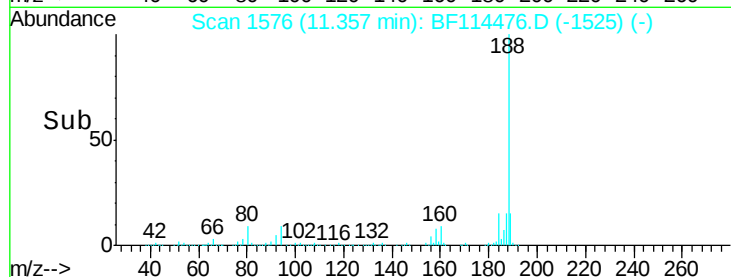
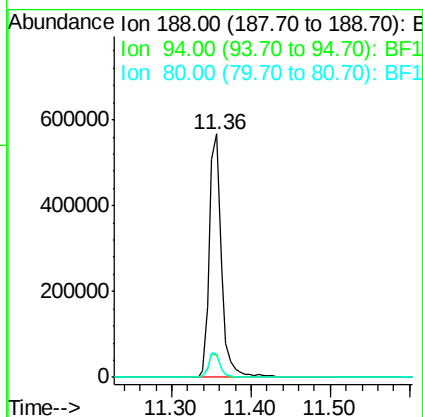
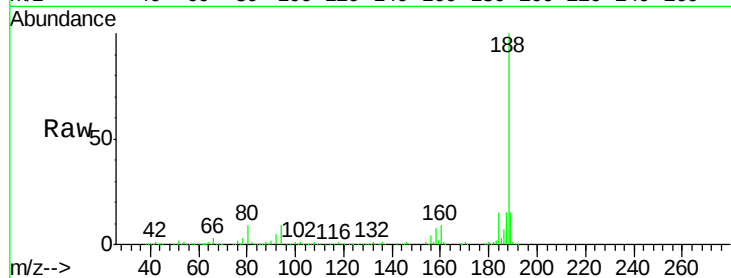




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114476.D
Acq: 22 May 2019 1:07

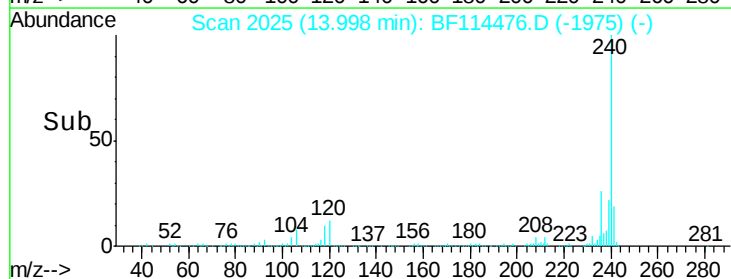
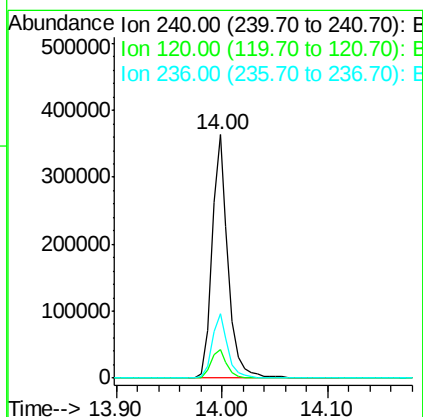
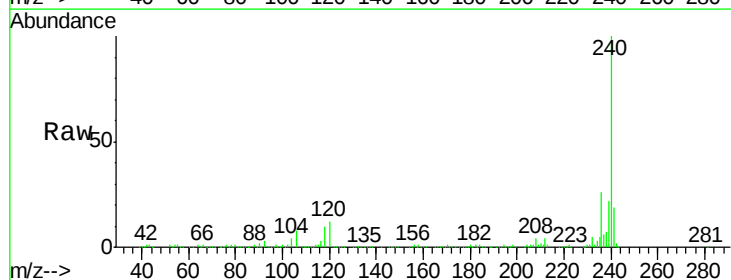
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TP-12-S

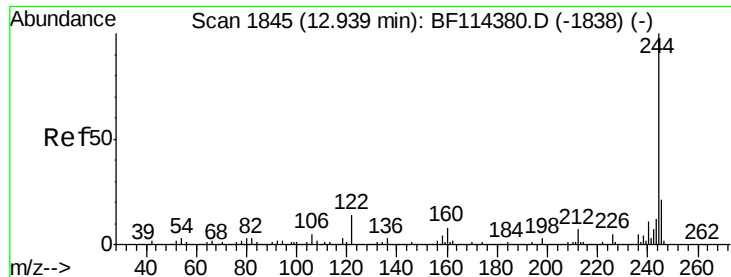
Tgt Ion:188 Resp: 602169
Ion Ratio Lower Upper
188 100
94 9.0 8.4 12.6
80 9.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114476.D
Acq: 22 May 2019 1:07

Tgt Ion:240 Resp: 385030
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 26.2 20.8 31.2

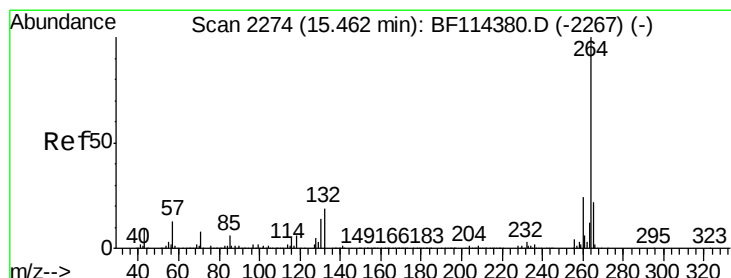
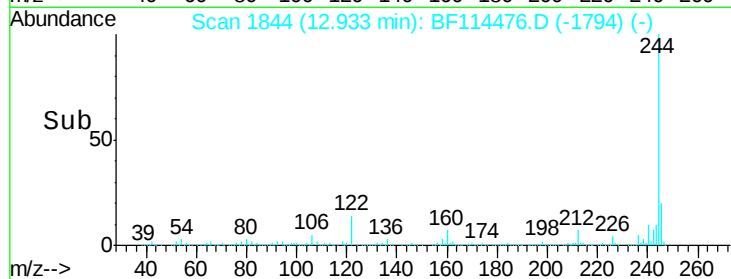
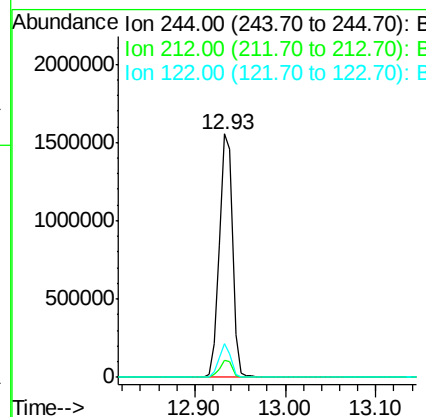
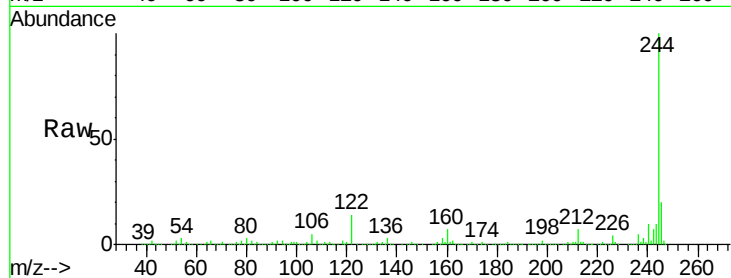




#79
 Terphenyl-d14
 Concen: 84.000 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114476.D
 Acq: 22 May 2019 1:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Tgt Ion: 244 Resp: 1568941
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.6 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BF114476.D
 Acq: 22 May 2019 1:07

Tgt Ion: 264 Resp: 328221
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 22.4 16.9 25.3

