

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114451.D
 Acq On : 21 May 2019 13:12
 Operator : JU/SJ
 Sample : K2643-08RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-BRE

Quant Time: May 21 13:46:16 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	216999	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	797934	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	387165	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	852550	20.00	ng	0.00
76) Chrysene-d12	13.99	240	764679	20.00	ng	-0.01
87) Perylene-d12	15.47	264	842556	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2507685	185.97	ng	0.02
7) Phenol-d6	6.49	99	3057777	191.73	ng	0.00
23) Nitrobenzene-d5	7.40	82	2273578	159.90	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	975244	243.65	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	3691705	144.24	ng	0.00
79) Terphenyl-d14	12.95	244	4296838	115.83	ng	0.00

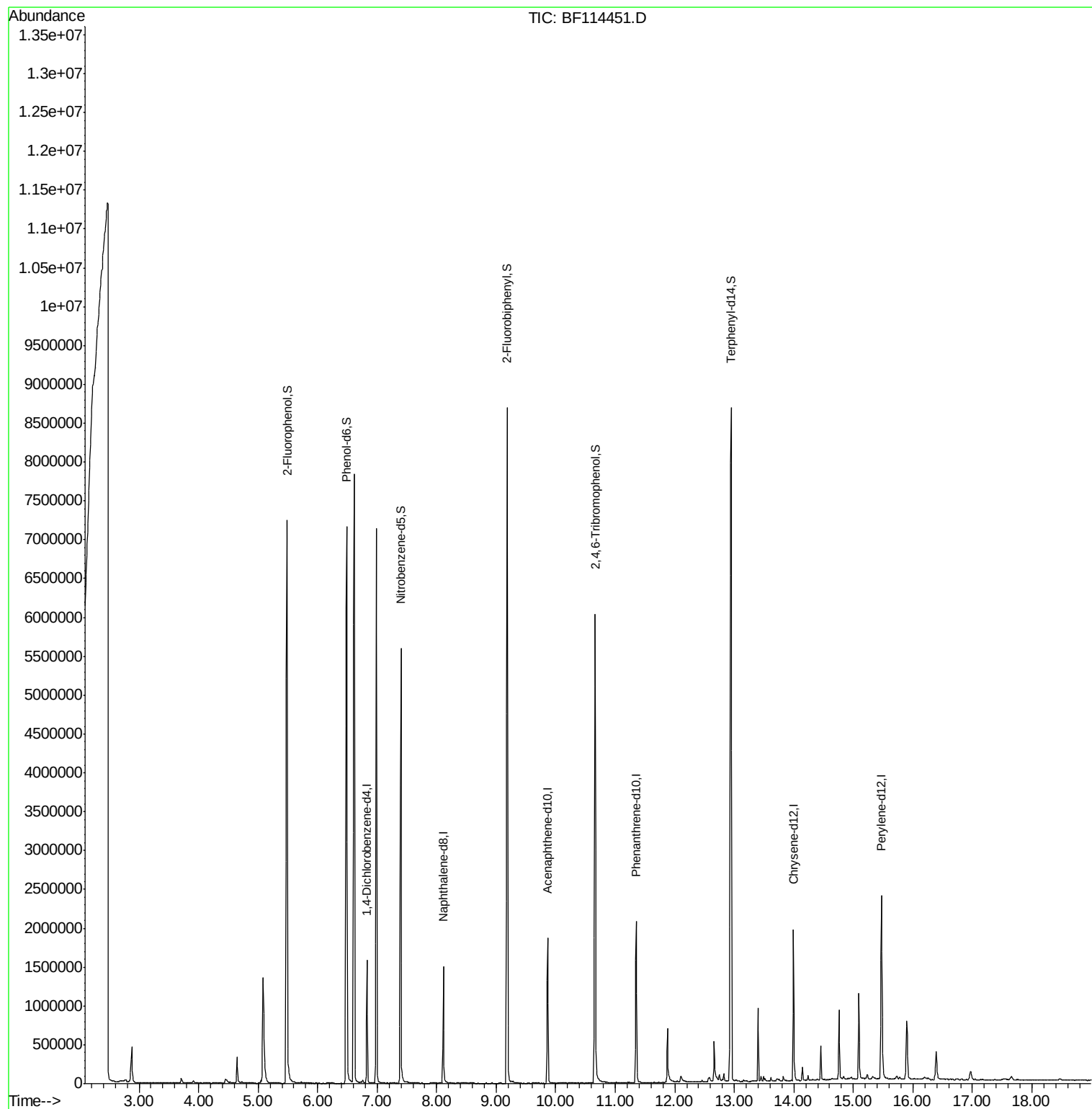
Target Compounds	Qvalue
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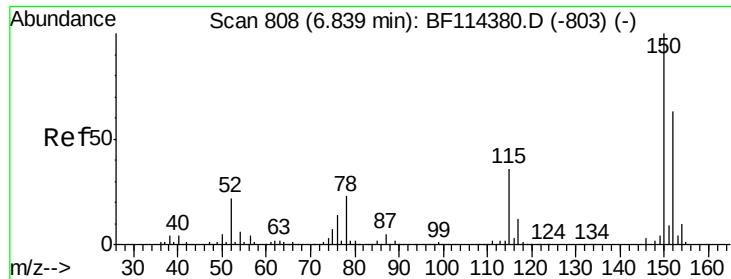
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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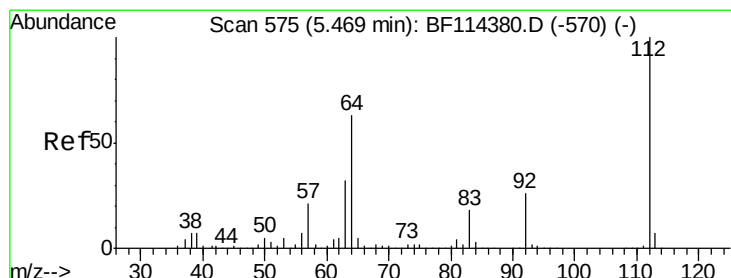
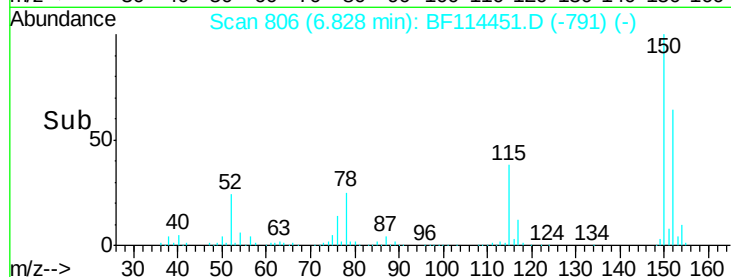
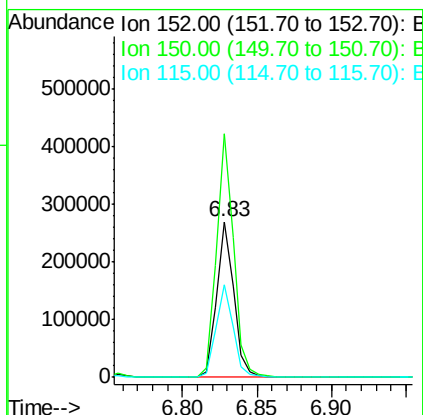
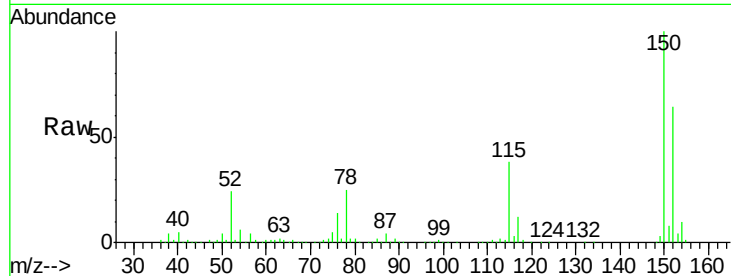


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114451.D
Acq: 21 May 2019 13:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-BRE

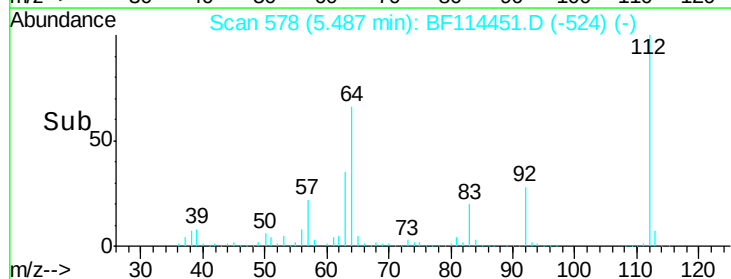
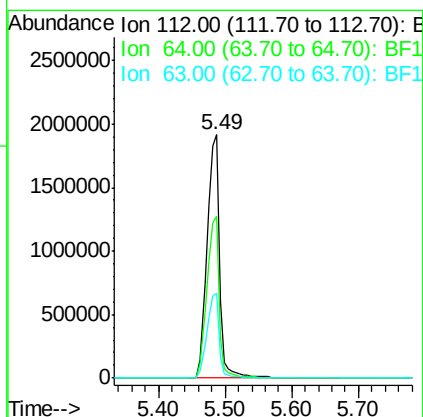
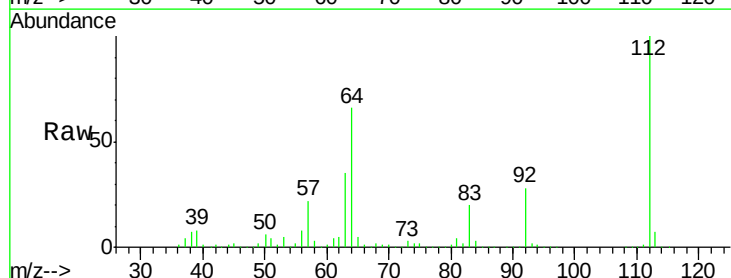
Tgt Ion:152 Resp: 216999
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 59.6 49.1 73.7

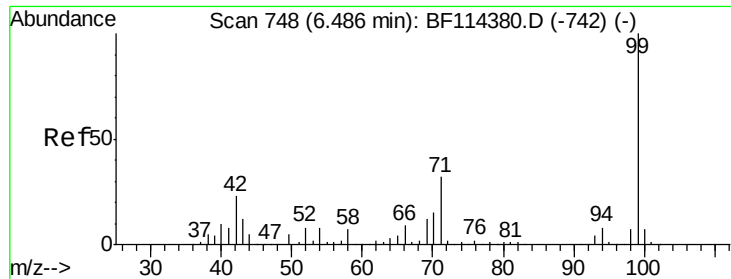


#5

2-Fluorophenol
Concen: 185.970 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF114451.D
Acq: 21 May 2019 13:12

Tgt Ion:112 Resp: 2507685
Ion Ratio Lower Upper
112 100
64 66.4 49.0 73.6
63 34.8 24.6 37.0





#7

Phenol-d6

Concen: 191.729 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF114451.D

Acq: 21 May 2019 13:12

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-BRE

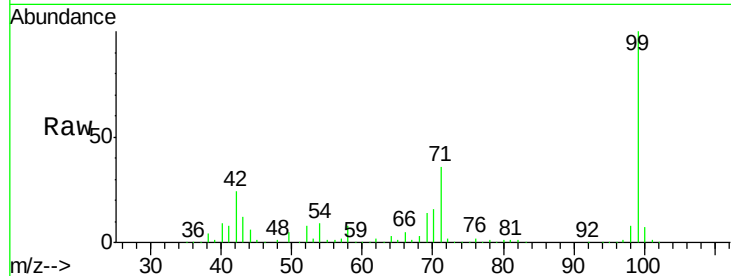
Tgt Ion: 99 Resp: 3057777

Ion Ratio Lower Upper

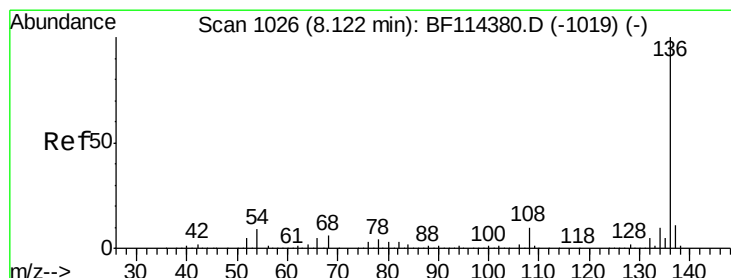
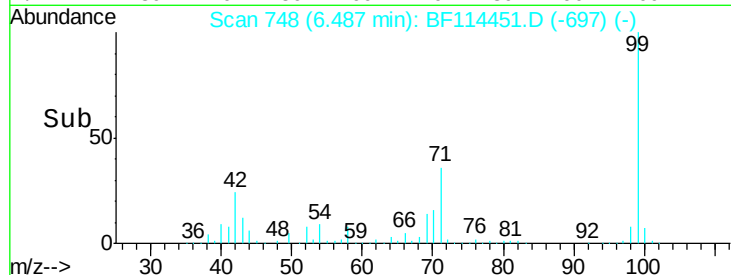
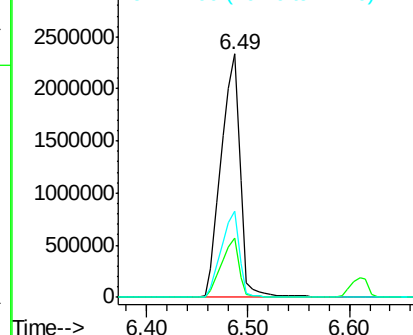
99 100

42 24.1 17.9 26.9

71 35.5 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: BF114451.D

Acq: 21 May 2019 13:12

Tgt Ion: 136 Resp: 797934

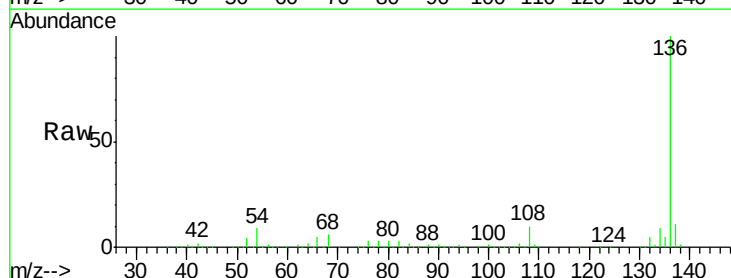
Ion Ratio Lower Upper

136 100

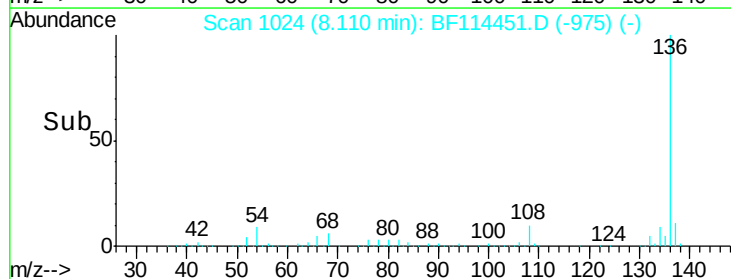
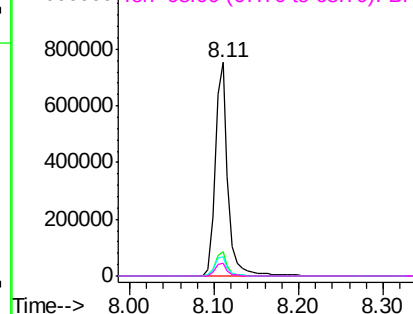
137 11.1 8.8 13.2

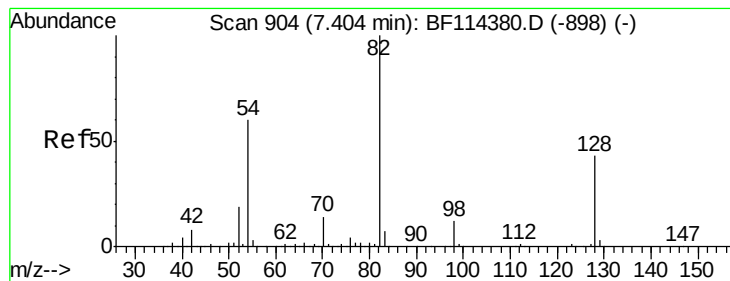
54 8.9 7.8 11.8

68 5.8 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: 159.905 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF114451.D

Acq: 21 May 2019 13:12

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-BRE

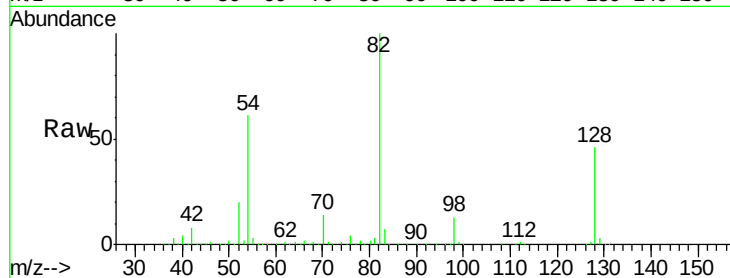
Tgt Ion: 82 Resp: 2273578

Ion Ratio Lower Upper

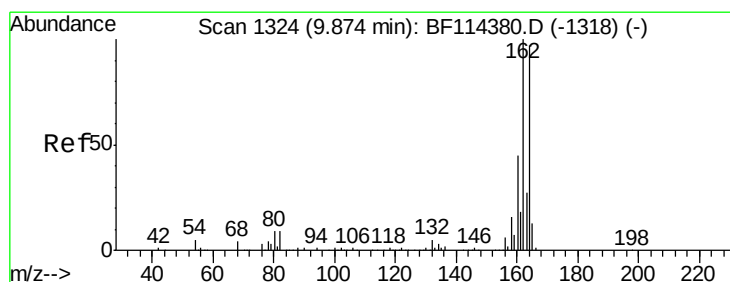
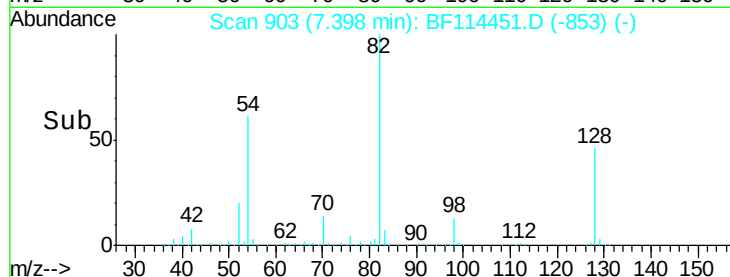
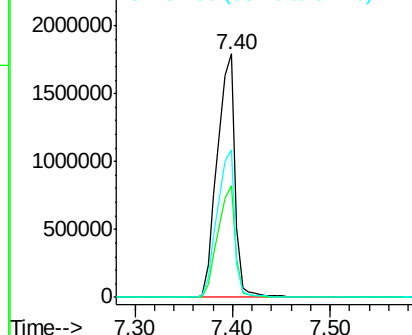
82 100

128 46.1 35.5 53.3

54 60.6 48.5 72.7



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF114451.D

Acq: 21 May 2019 13:12

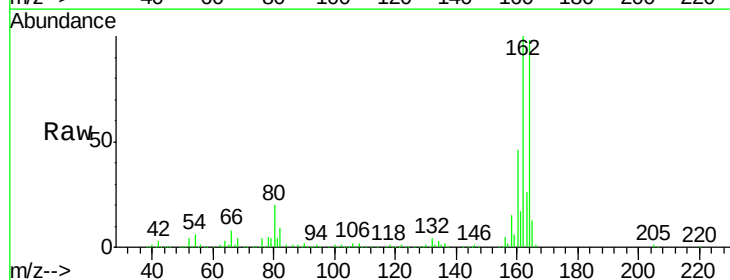
Tgt Ion: 164 Resp: 387165

Ion Ratio Lower Upper

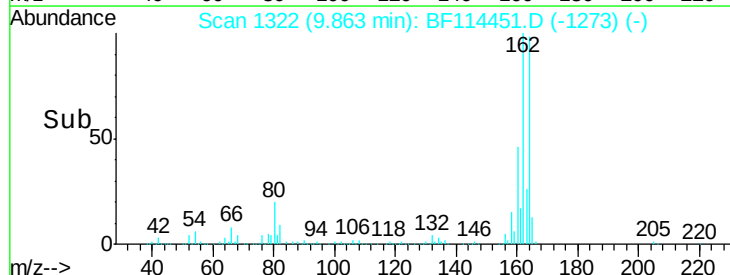
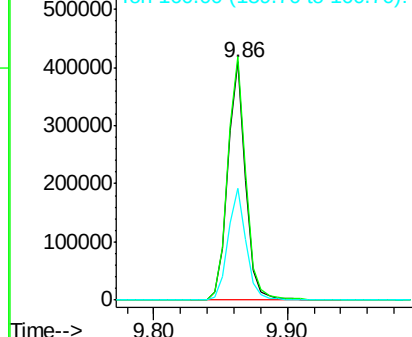
164 100

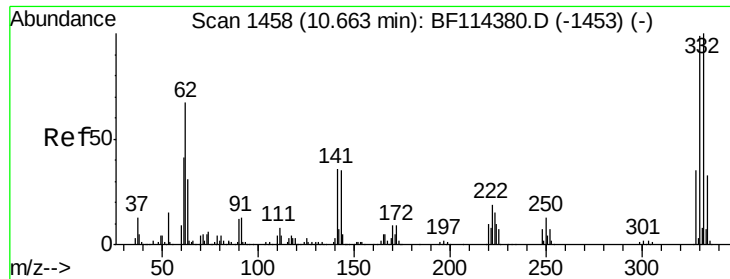
162 102.3 80.6 120.8

160 46.7 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

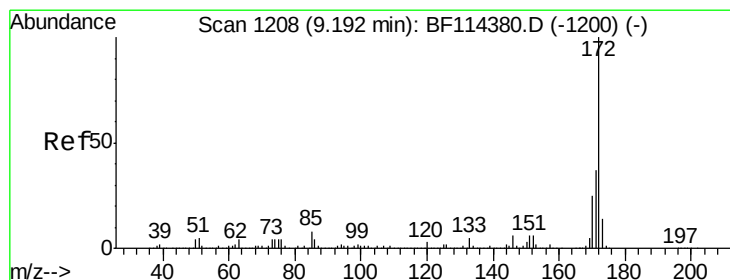
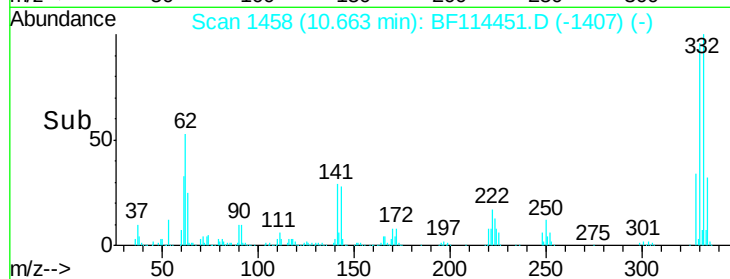
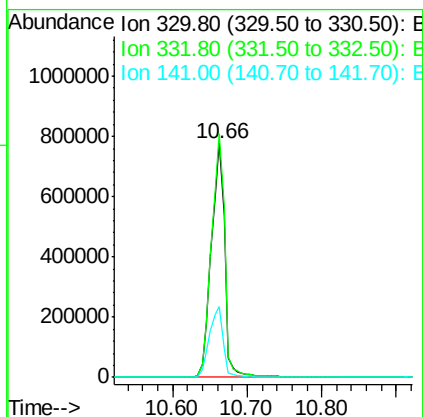
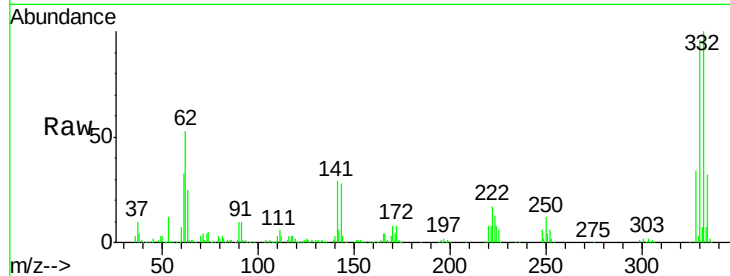




#42
 2,4,6-Tribromophenol
 Concen: 243.650 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114451.D
 Acq: 21 May 2019 13:12

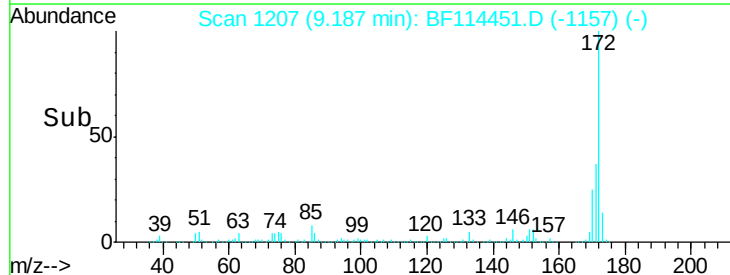
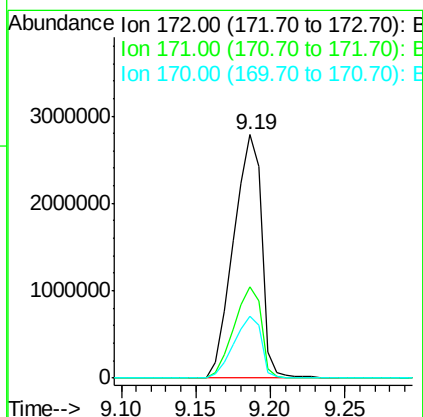
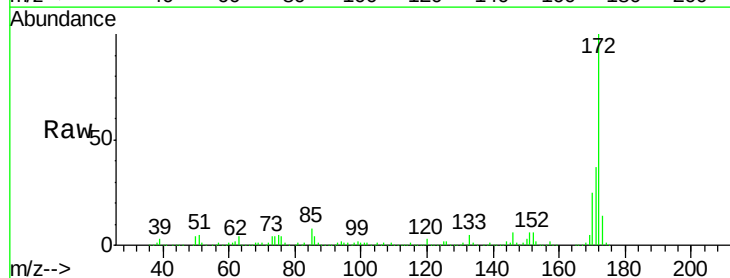
Instrument :
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 OR-02-051619-BRE

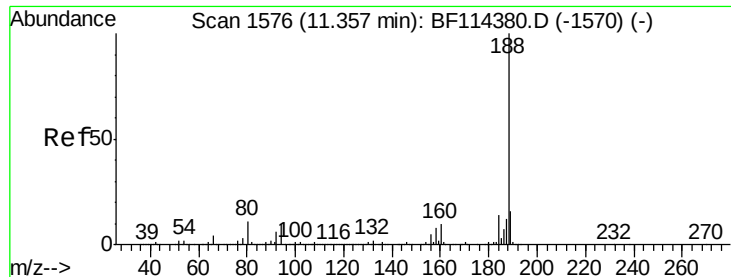
Tgt Ion:330 Resp: 975244
 Ion Ratio Lower Upper
 330 100
 332 103.2 81.4 122.2
 141 31.5 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 144.236 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114451.D
 Acq: 21 May 2019 13:12

Tgt Ion:172 Resp: 3691705
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.7 46.1
 170 25.5 20.5 30.7

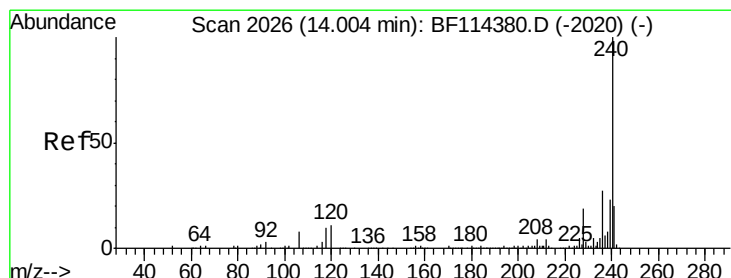
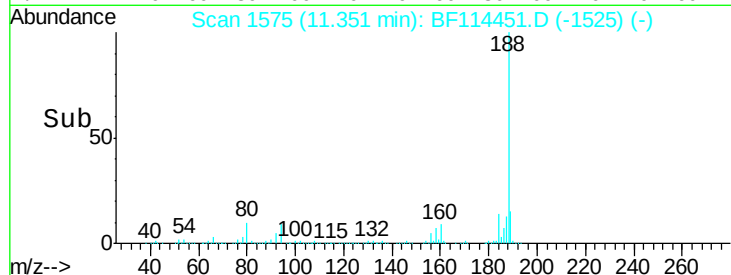
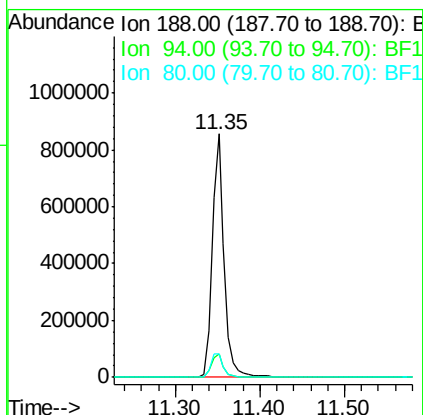
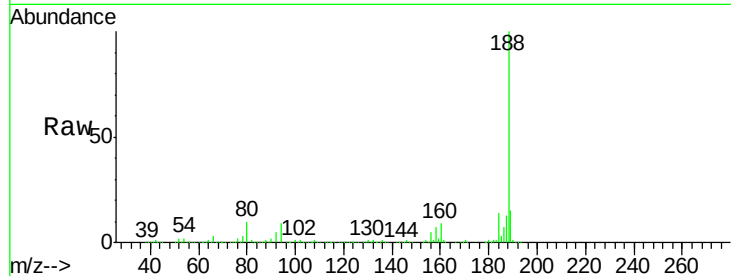




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114451.D
Acq: 21 May 2019 13:12

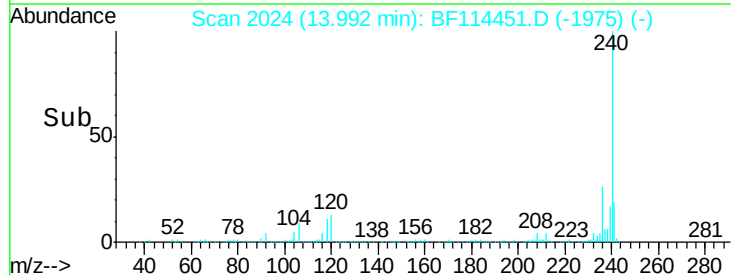
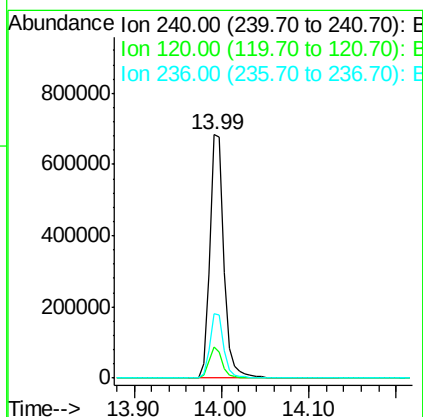
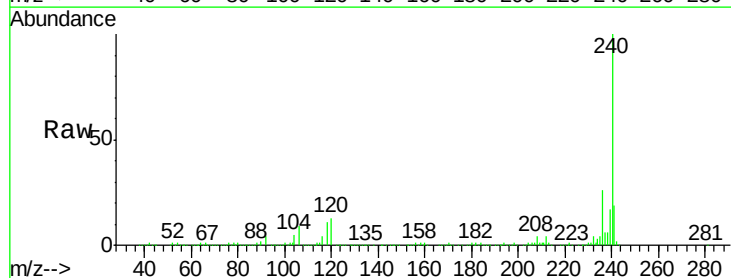
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ClientSampleId :
OR-02-051619-BRE

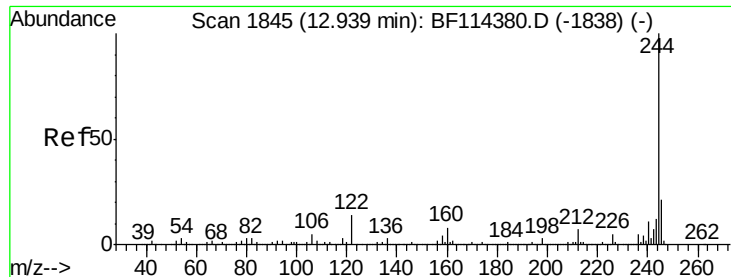
Tgt Ion:188 Resp: 852550
Ion Ratio Lower Upper
188 100
94 9.4 8.4 12.6
80 9.8 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF114451.D
Acq: 21 May 2019 13:12

Tgt Ion:240 Resp: 764679
Ion Ratio Lower Upper
240 100
120 13.0 8.3 12.5#
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 115.835 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF114451.D

Acq: 21 May 2019 13:12

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-BRE

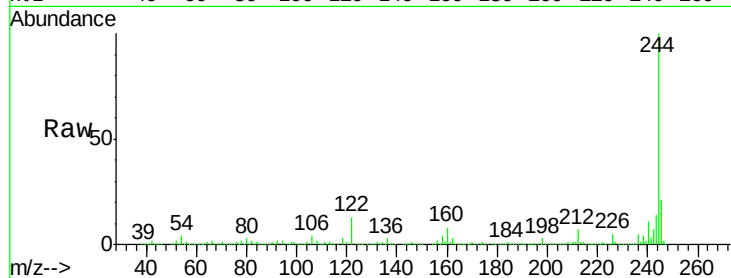
Tgt Ion:244 Resp: 4296838

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

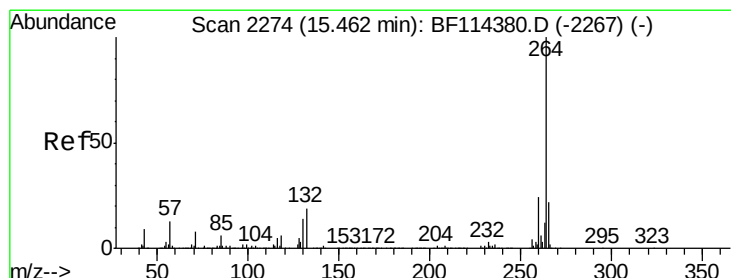
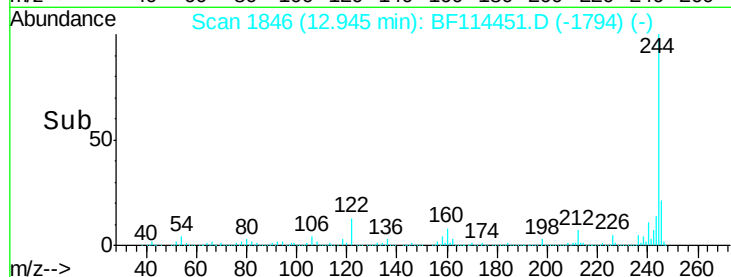
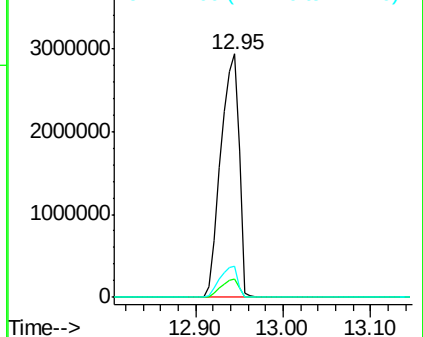
122 12.8 9.4 14.2



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: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF114451.D

Acq: 21 May 2019 13:12

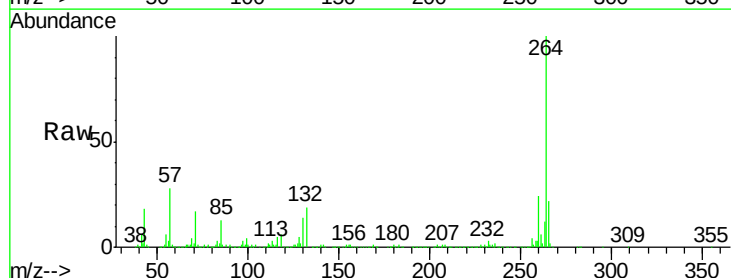
Tgt Ion:264 Resp: 842556

Ion Ratio Lower Upper

264 100

260 24.0 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

