

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112888.D
 Acq On : 6 Mar 2019 18:12
 Operator : JU/SJ
 Sample : K1753-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-6

Quant Time: Mar 07 04:33:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	115909	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	446871	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	220948	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	460976	20.00	ng	0.00
76) Chrysene-d12	13.86	240	384258	20.00	ng	-0.01
87) Perylene-d12	15.26	264	312128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	767095	102.95	ng	0.00
7) Phenol-d6	6.36	99	883590	94.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	674681	90.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	371159	158.23	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1313199	104.88	ng	-0.01
79) Terphenyl-d14	12.82	244	1545441	77.96	ng	0.00

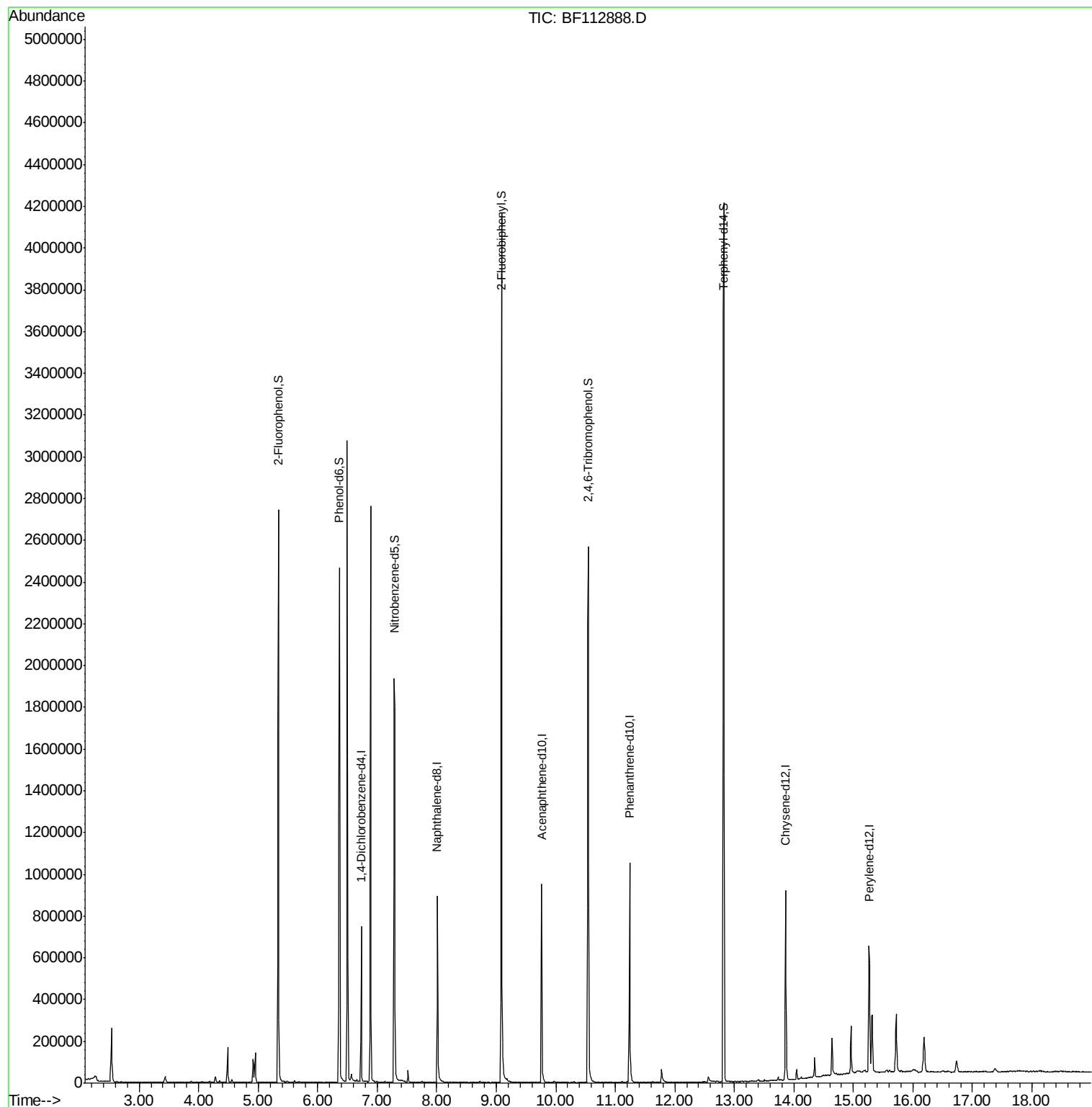
Target Compounds Qvalue

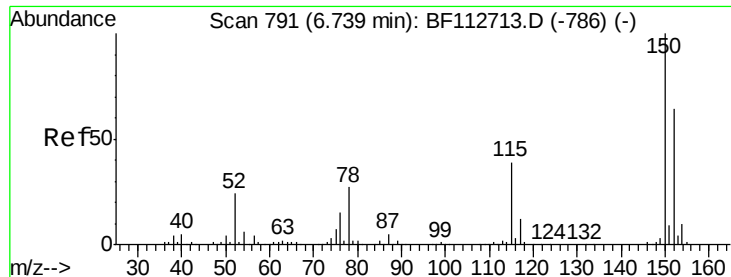
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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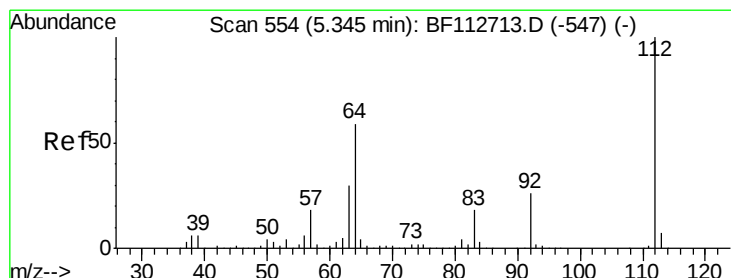
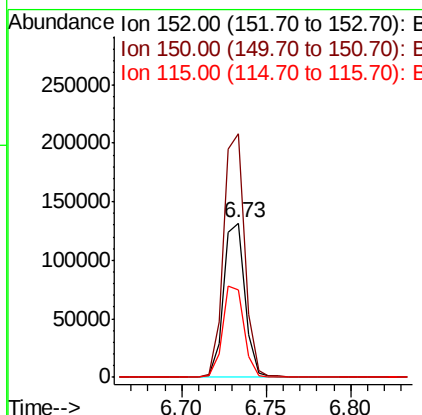
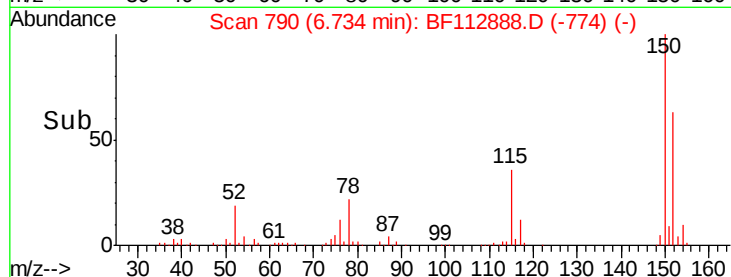
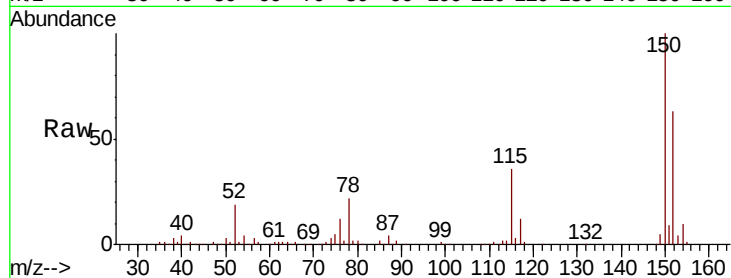


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

Instrument :
BNA_F
ClientSampleId :
Z-2-6

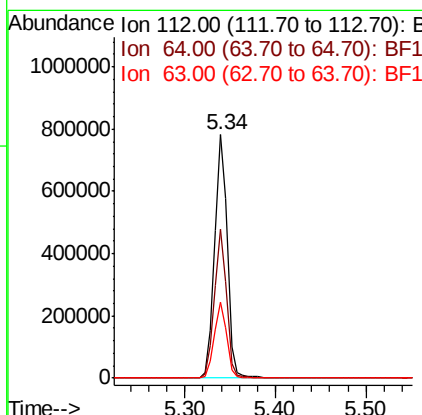
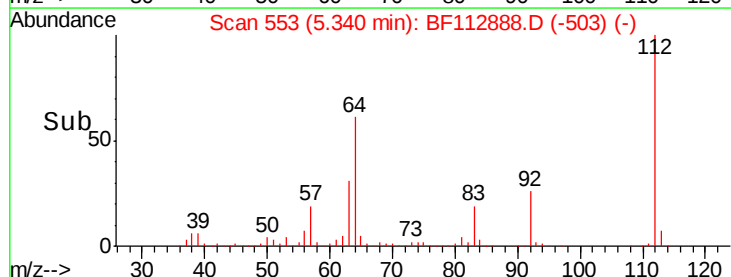
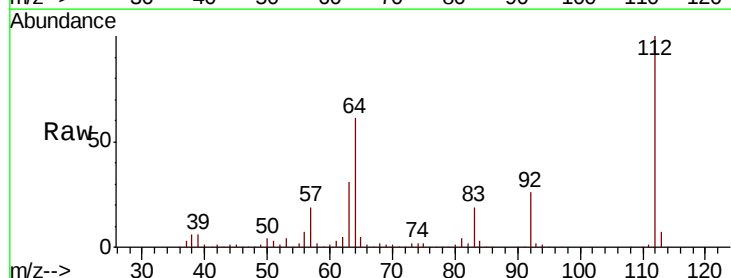
Tot Ion:152 Resp: 115909
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 56.2 48.2 72.4



#5

2-Fluorophenol
Concen: 102.947 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

Tgt Ion:112 Resp: 767095
Ion Ratio Lower Upper
112 100
64 61.1 47.6 71.4
63 31.3 24.4 36.6





#7

Phenol-d6

Concen: 94.399 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112888.D

Acq: 6 Mar 2019 18:12

Instrument :

BNA_F

ClientSampleId :

Z-2-6

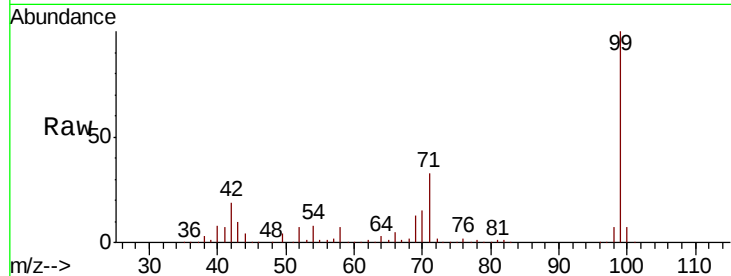
Tot Ion: 99 Resp: 883590

Ion Ratio Lower Upper

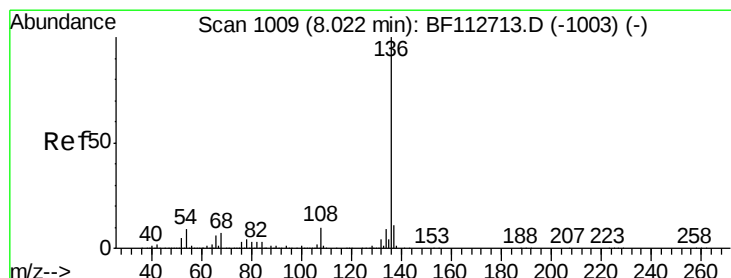
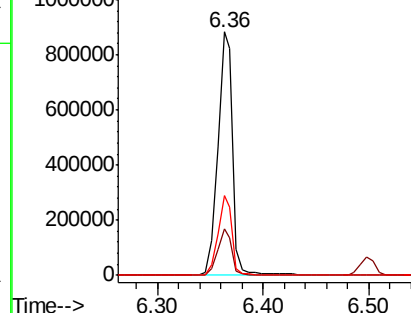
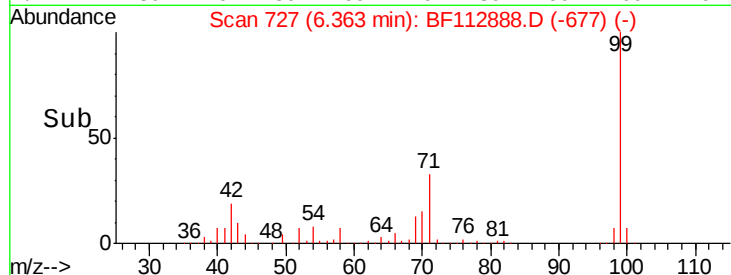
99 100

42 19.2 16.3 24.5

71 32.9 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112888.D

Acq: 6 Mar 2019 18:12

Tgt Ion: 136 Resp: 446871

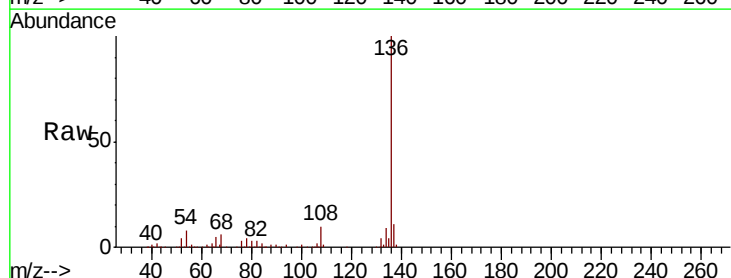
Ion Ratio Lower Upper

136 100

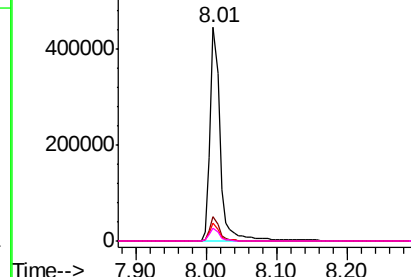
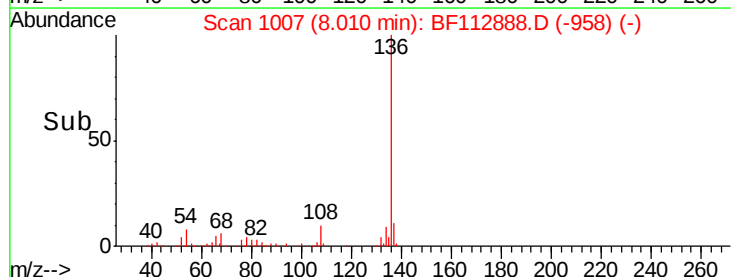
137 11.1 8.9 13.3

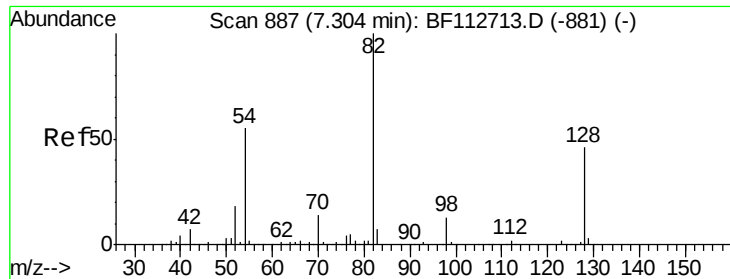
54 8.4 7.3 10.9

68 6.3 5.4 8.2



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

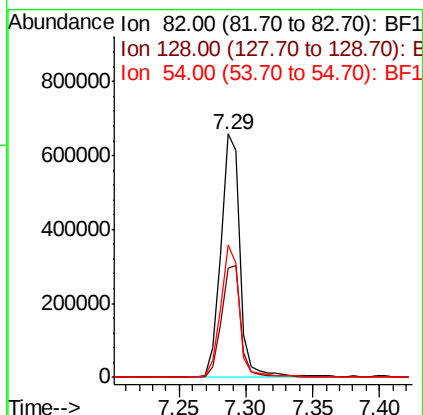
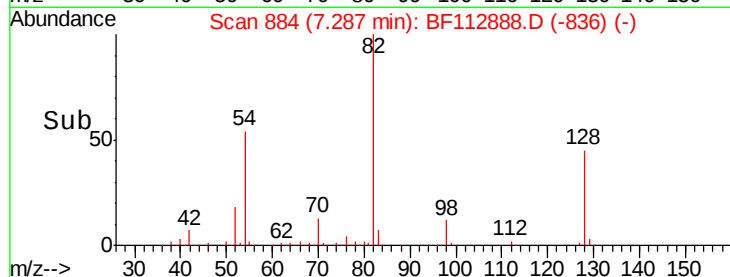
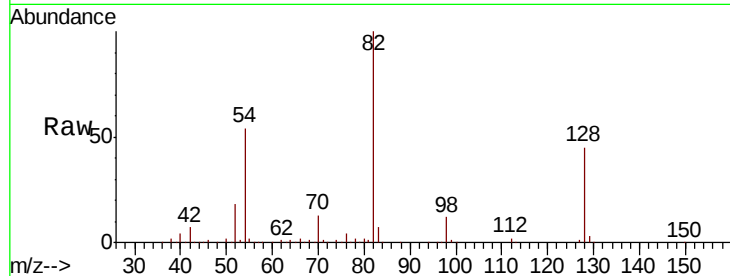




#23
Nitrobenzene-d5
Concen: 90.343 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

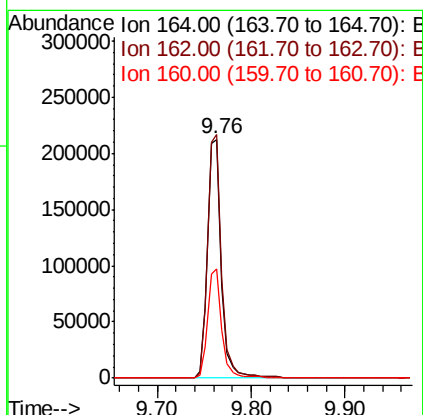
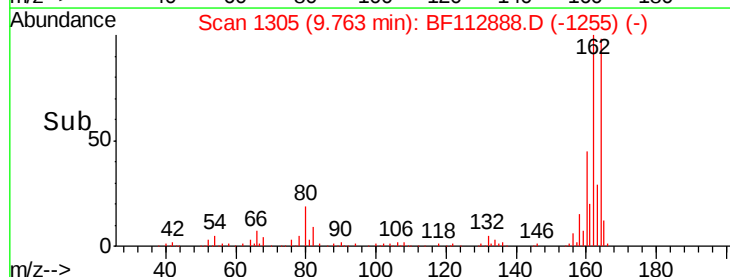
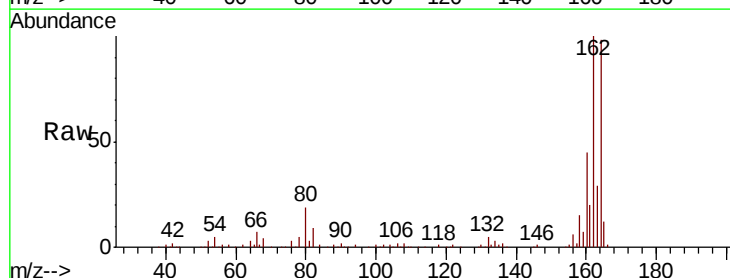
Instrument :
BNA_F
ClientSampleId :
Z-2-6

Tot Ion	82	Resp	674681
Ion Ratio	100	Lower	Upper
128	44.8	36.3	54.5
54	54.1	43.7	65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112888.D
Acq: 6 Mar 2019 18:12

Tgt Ion	164	Resp	220948
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.0	80.6	120.8
160	46.0	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 158.234 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112888.D

Acq: 6 Mar 2019 18:12

Instrument :

BNA_F

ClientSampleId :

Z-2-6

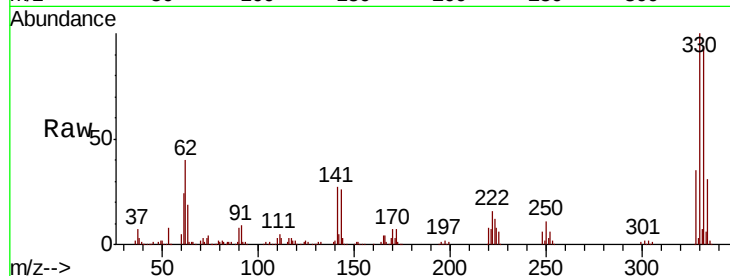
Tot Ion:330 Resp: 371159

Ion Ratio Lower Upper

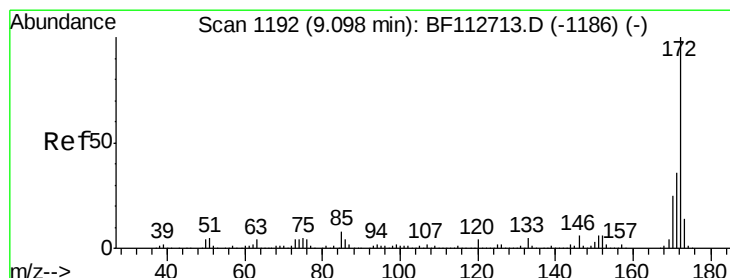
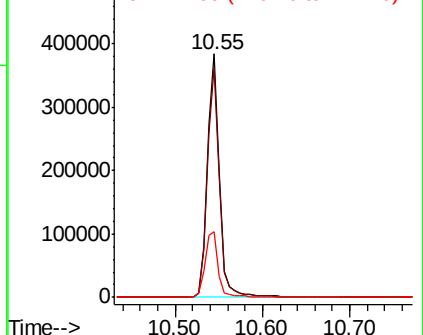
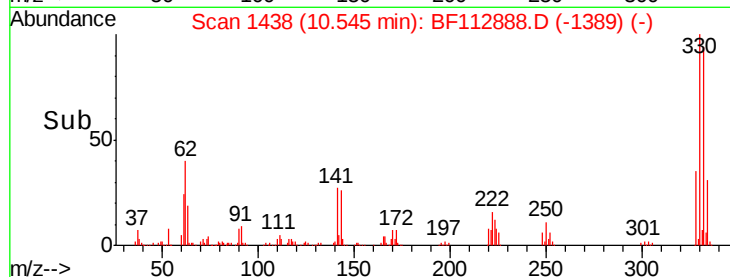
330 100

332 95.0 76.2 114.4

141 29.1 27.0 40.6



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: 104.877 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112888.D

Acq: 6 Mar 2019 18:12

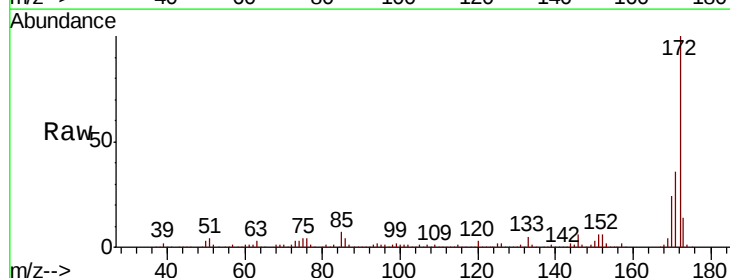
Tgt Ion:172 Resp: 1313199

Ion Ratio Lower Upper

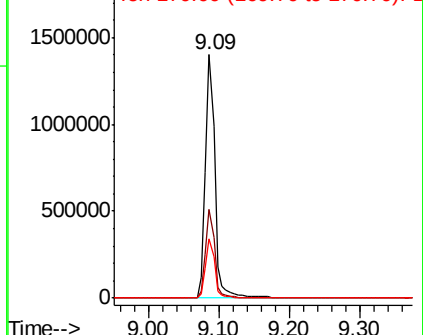
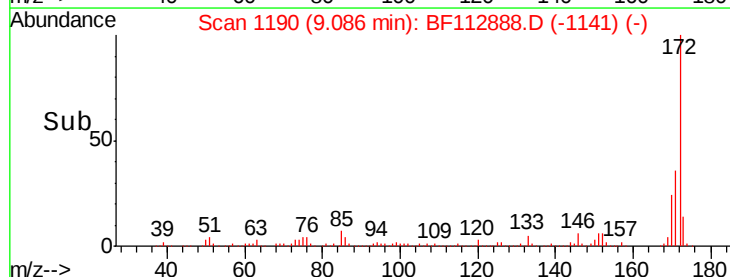
172 100

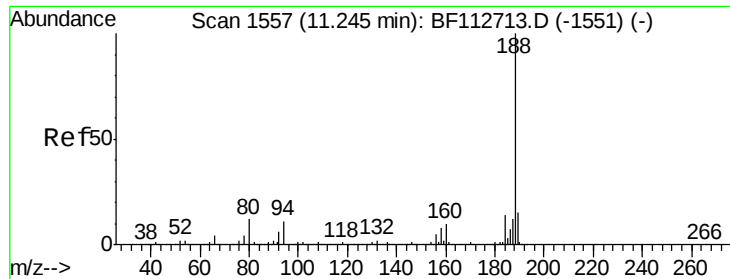
171 36.3 29.0 43.4

170 24.5 20.0 30.0



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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112888.D

Acq: 6 Mar 2019 18:12

Instrument :

BNA_F

ClientSampleId :

Z-2-6

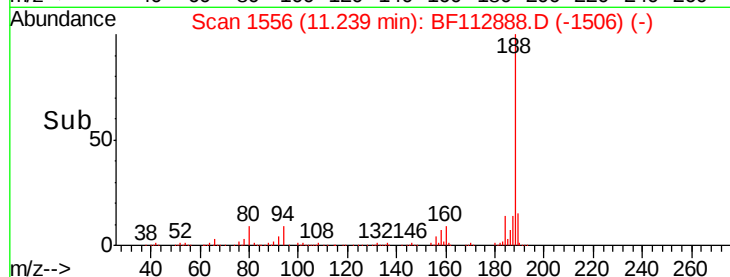
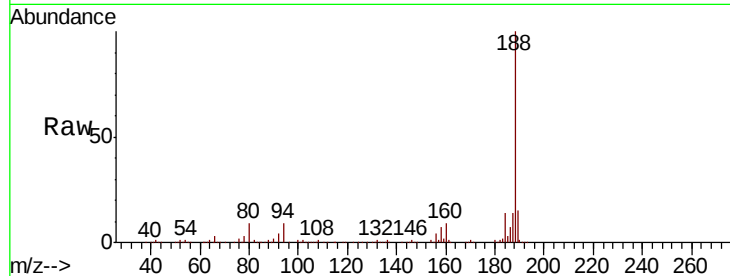
Tot Ion:188 Resp: 460976

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

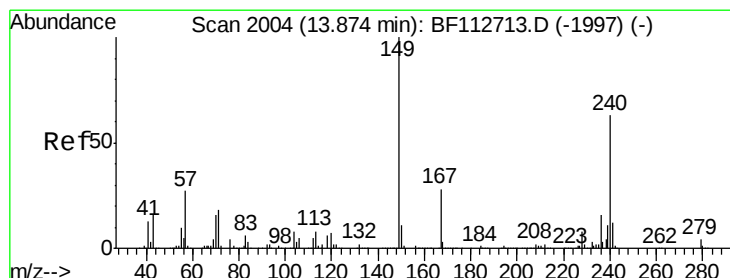
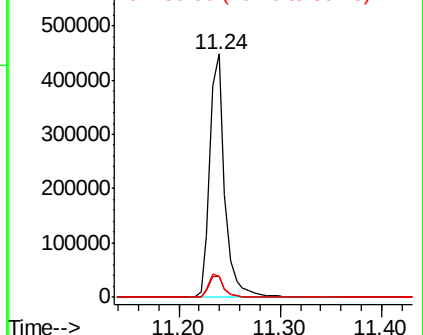
80 8.7 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112888.D

Acq: 6 Mar 2019 18:12

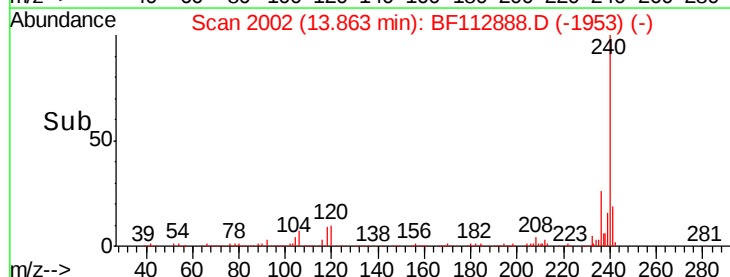
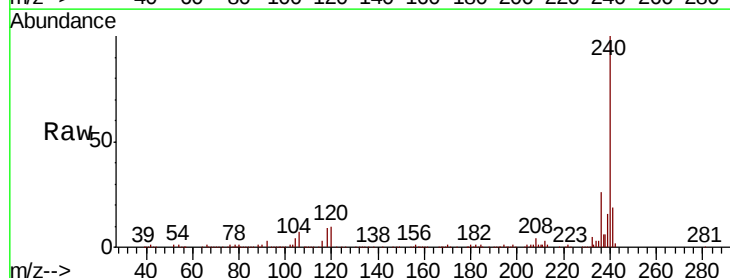
Tgt Ion:240 Resp: 384258

Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

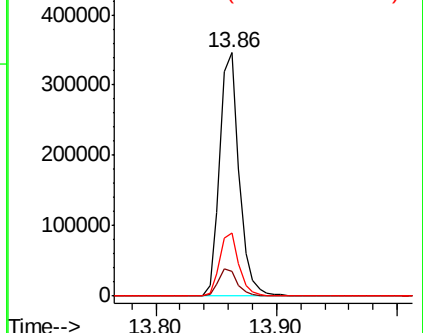
236 25.7 20.7 31.1

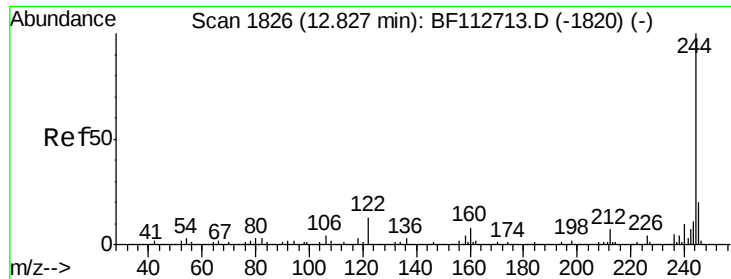


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.964 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112888.D

Acq: 6 Mar 2019 18:12

Instrument :

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ClientSampleId :

Z-2-6

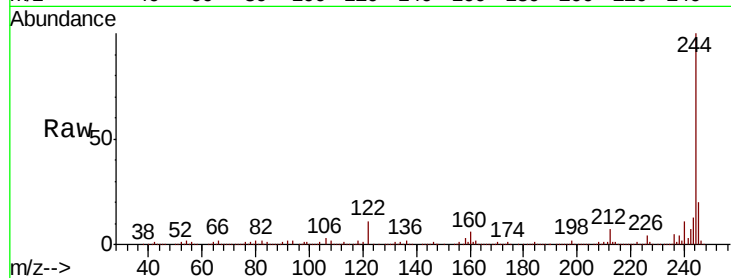
Tot Ion:244 Resp: 1545441

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

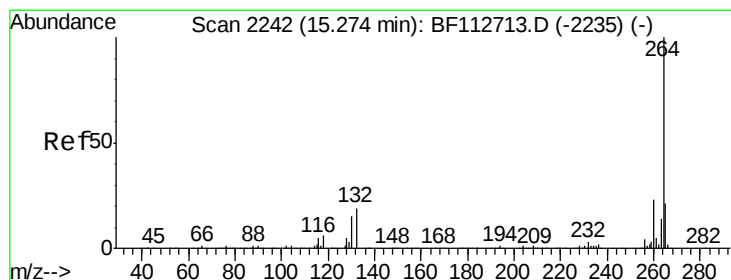
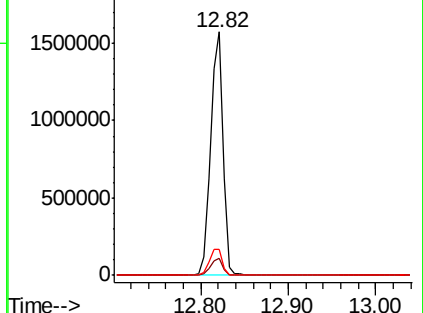
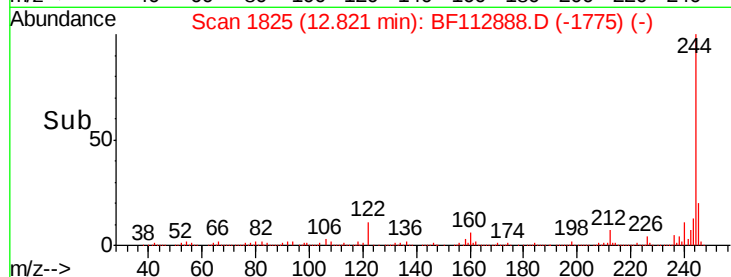
122 10.7 10.5 15.7



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: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF112888.D

Acq: 6 Mar 2019 18:12

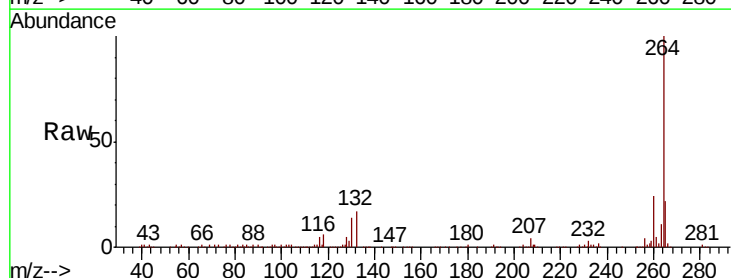
Tgt Ion:264 Resp: 312128

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.9 17.2 25.8



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

