

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119488.D
 Acq On : 24 Mar 2020 14:37
 Operator : CG/JU
 Sample : L2008-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

Quant Time: Mar 24 17:11:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

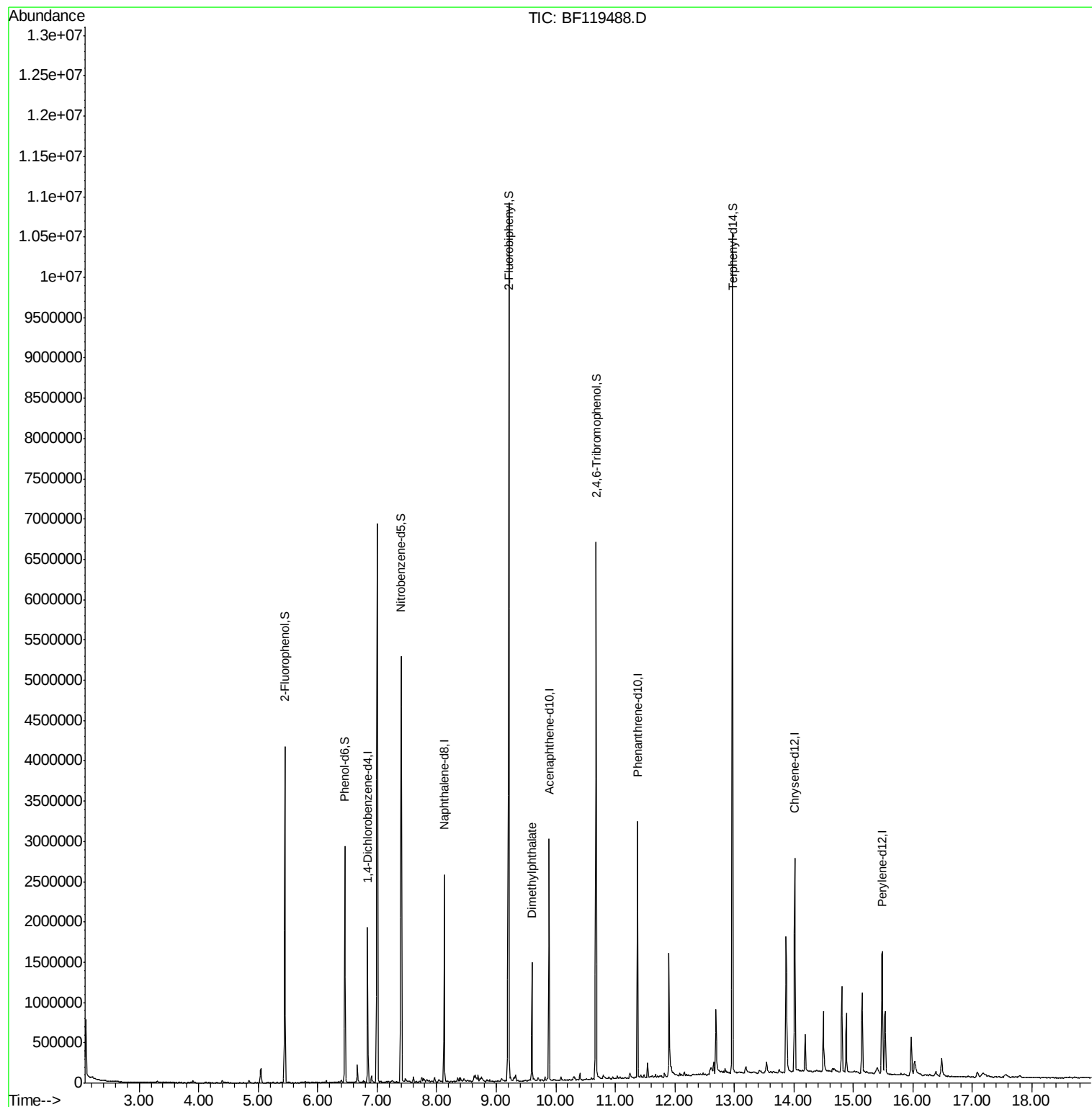
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	279811	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1059403	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	553050	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1064888	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	846214	20.00	ng	-0.02
87) Perylene-d12	15.49	264	729411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1086347	61.80	ng	0.00
7) Phenol-d6	6.46	99	856706	38.15	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1912155	98.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	879570	154.16	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3484248	93.33	ng	-0.01
79) Terphenyl-d14	12.97	244	3998395	92.57	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.60	163	512629	13.050	ng	Qvalue 99

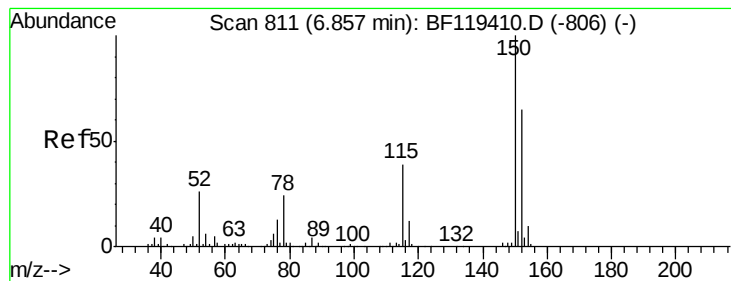
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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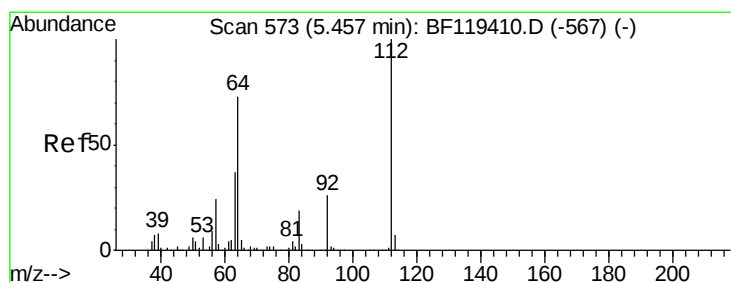
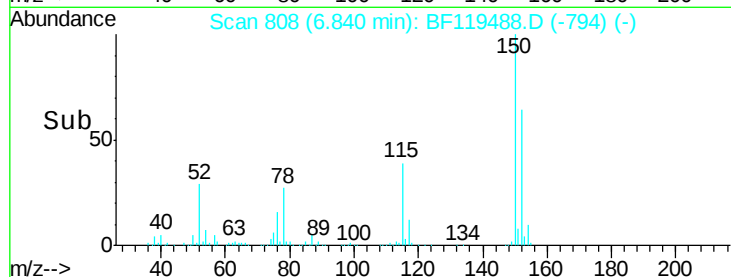
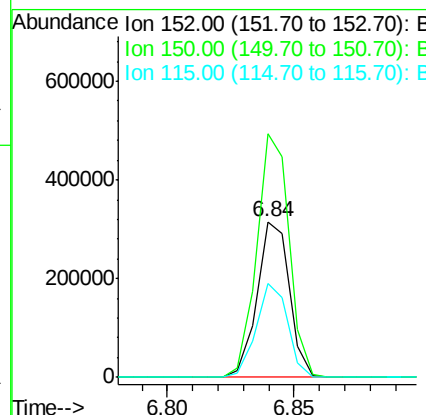
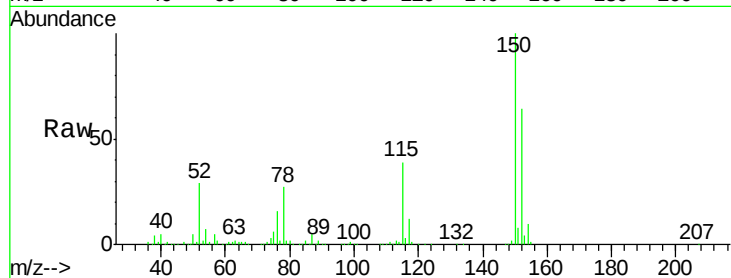


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119488.D
Acq: 24 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :
MH-4

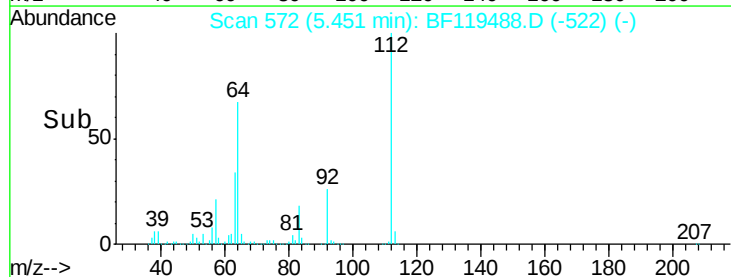
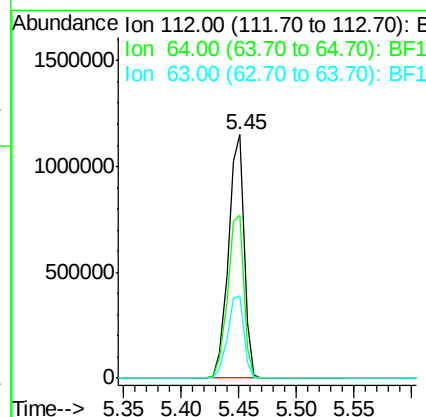
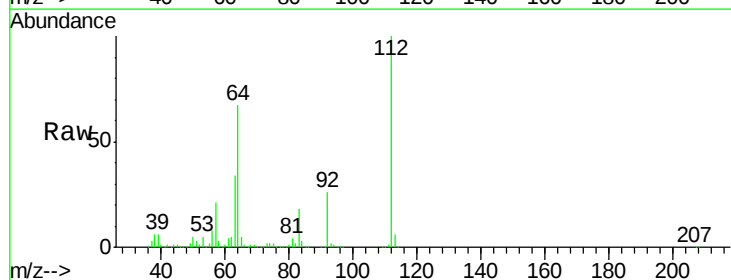
Tot Ion:152 Resp: 279811
Ion Ratio Lower Upper
152 100
150 156.2 123.9 185.9
115 60.3 47.8 71.6

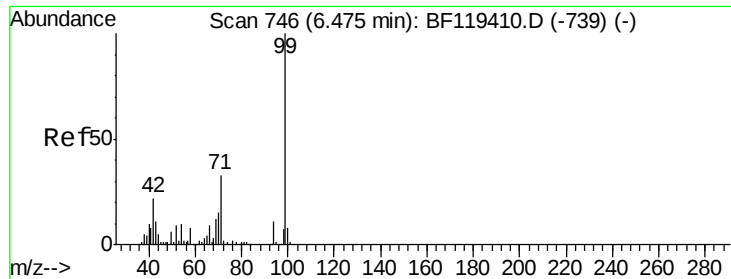


#5

2-Fluorophenol
Concen: 61.805 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 14:37

Tgt Ion:112 Resp: 1086347
Ion Ratio Lower Upper
112 100
64 67.1 58.1 87.1
63 33.8 29.7 44.5





#7

Phenol-d6

Concen: 38.155 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF119488.D

Acq: 24 Mar 2020 14:37

Instrument :

BNA_F

ClientSampled :

MH-4

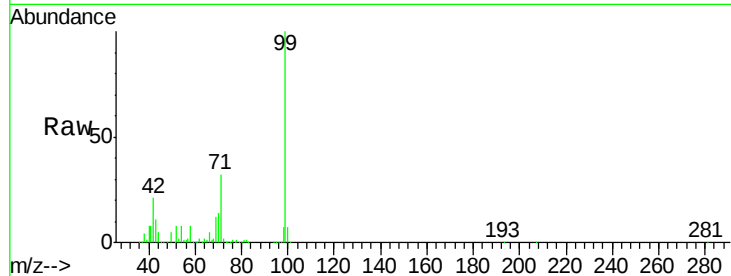
Tot Ion: 99 Resp: 856706

Ion Ratio Lower Upper

99 100

42 20.5 17.8 26.6

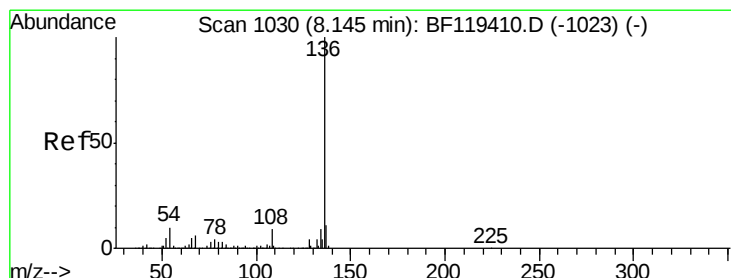
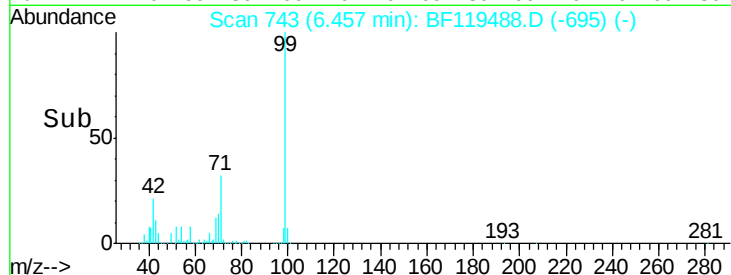
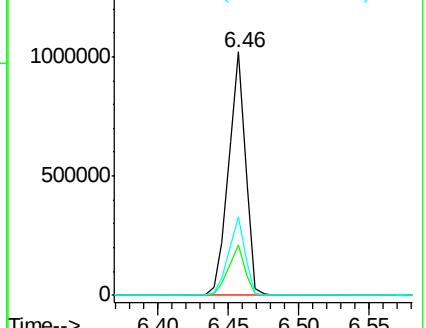
71 32.3 26.0 39.0



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: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119488.D

Acq: 24 Mar 2020 14:37

Tgt Ion: 136 Resp: 1059403

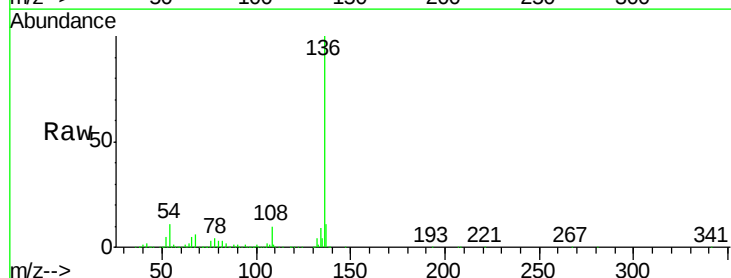
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.7 8.3 12.5

68 5.7 4.9 7.3

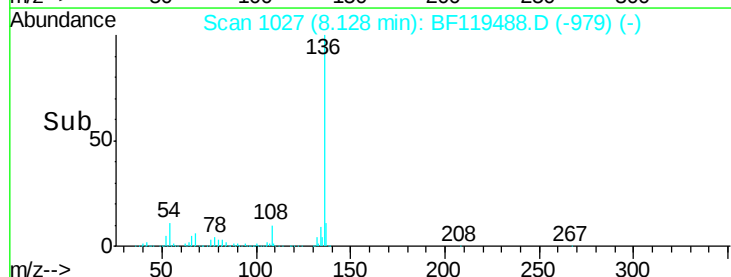
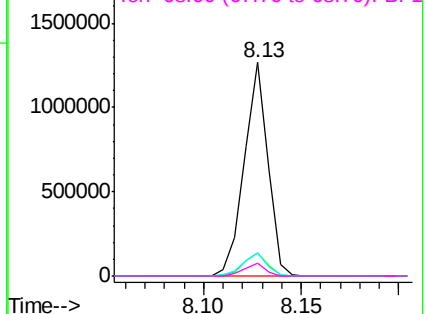


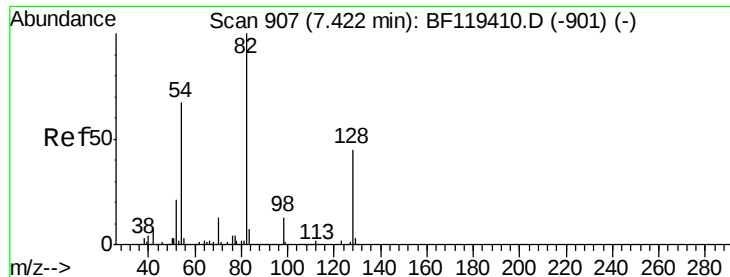
Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.094 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF119488.D

Acq: 24 Mar 2020 14:37

Instrument :

BNA_F

ClientSampled :

MH-4

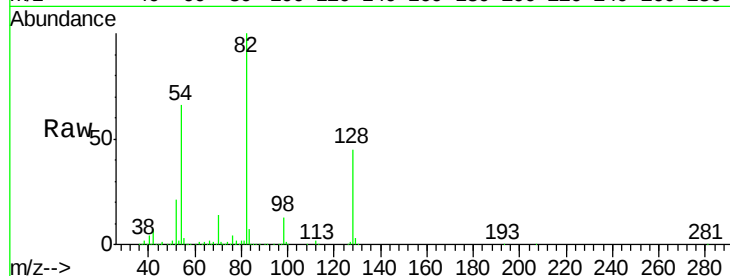
Tot Ion: 82 Resp: 1912155

Ion Ratio Lower Upper

82 100

128 45.4 35.8 53.8

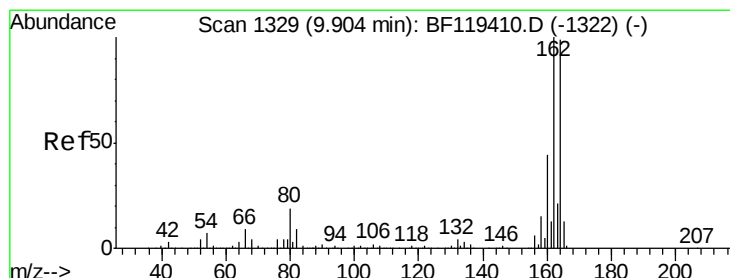
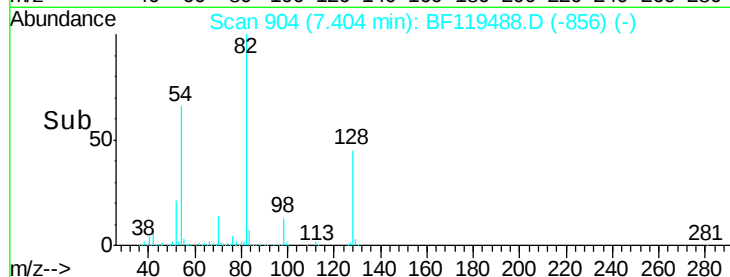
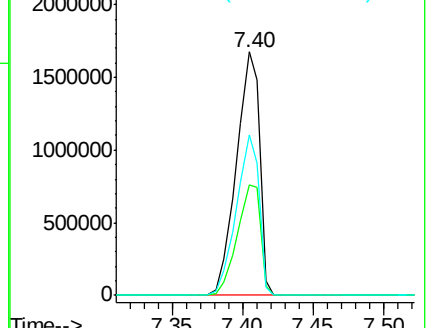
54 66.1 53.4 80.0



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: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF119488.D

Acq: 24 Mar 2020 14:37

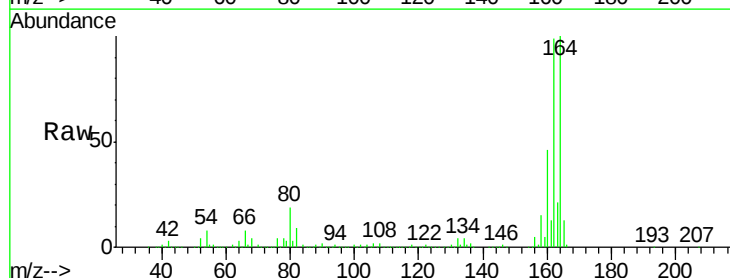
Tgt Ion: 164 Resp: 553050

Ion Ratio Lower Upper

164 100

162 99.4 80.7 121.1

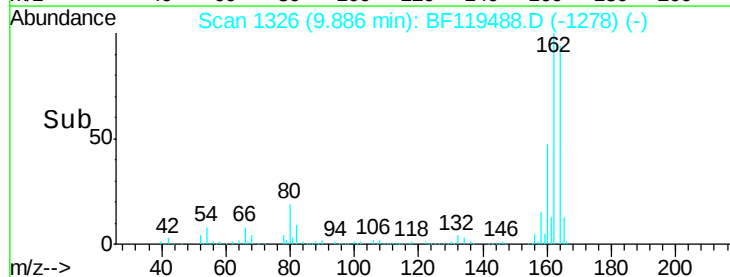
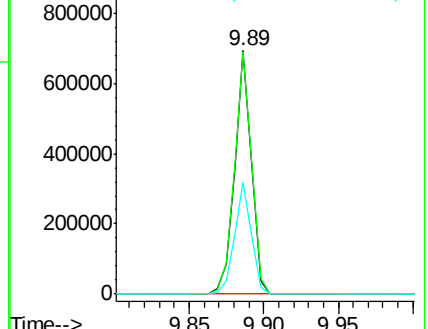
160 46.1 35.5 53.3

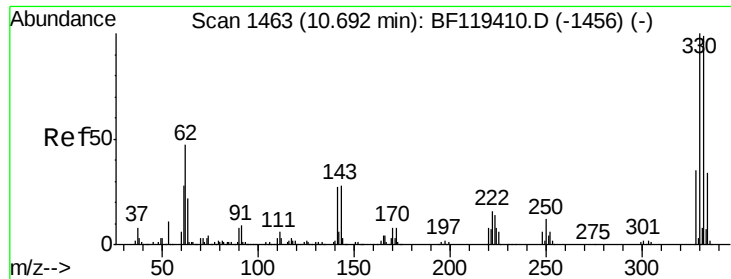


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

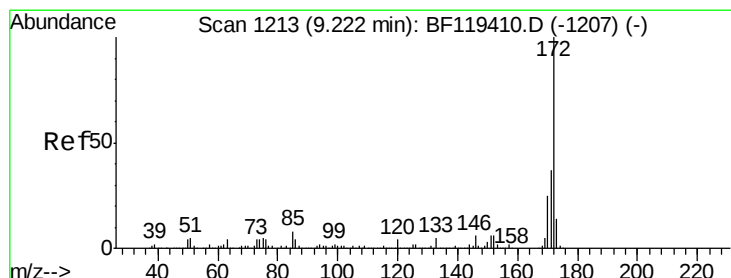
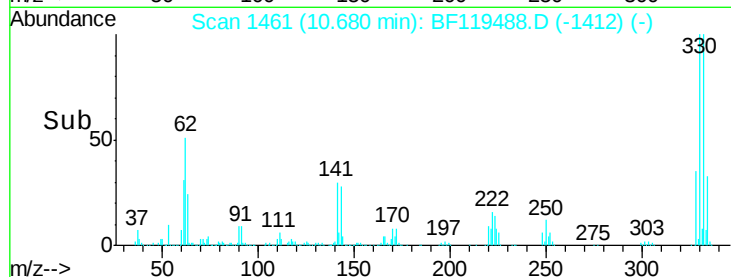
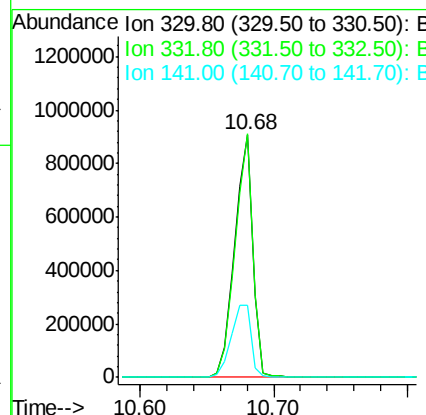
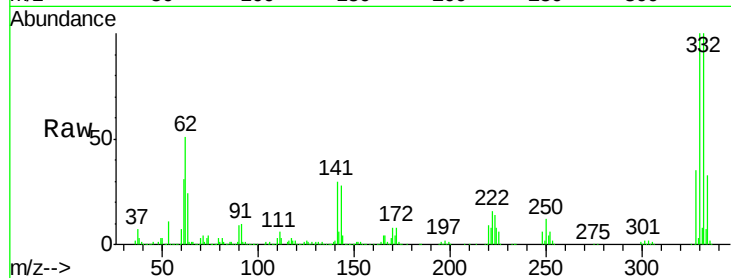




#42
 2,4,6-Tribromophenol
 Concen: 154.158 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 14:37

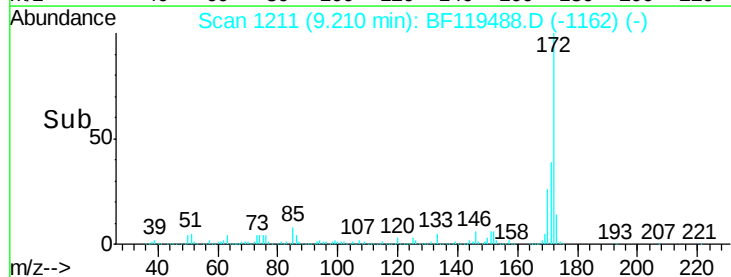
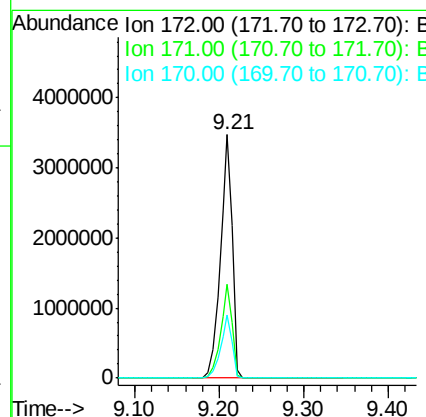
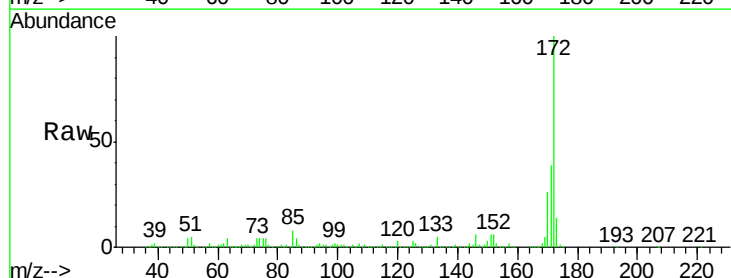
Instrument :
 BNA_F
 ClientSampleId :
 MH-4

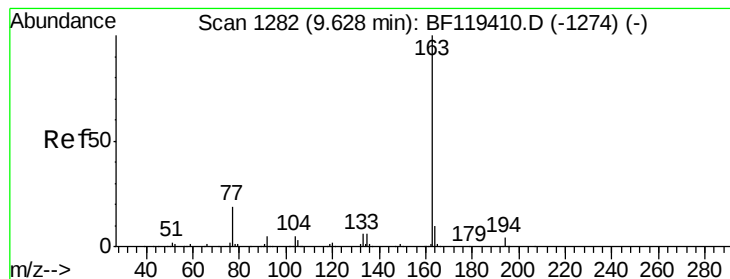
Tot Ion:330 Resp: 879570
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.6 116.4
 141 33.2 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 93.334 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 14:37

Tgt Ion:172 Resp: 3484248
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.9 44.9
 170 26.0 20.1 30.1





#50

Dimethylphthalate

Concen: 13.050 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.03 min

Lab File: BF119488.D

Acq: 24 Mar 2020 14:37

Instrument :

BNA_F

ClientSampleId :

MH-4

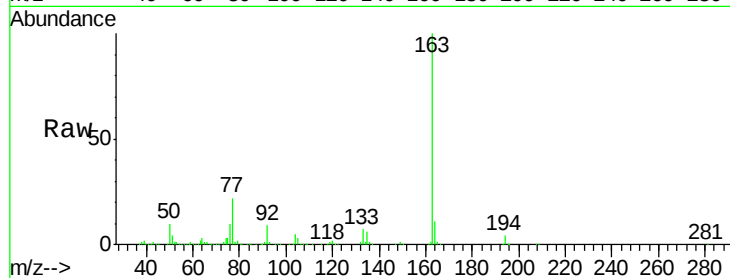
Tot Ion:163 Resp: 512629

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

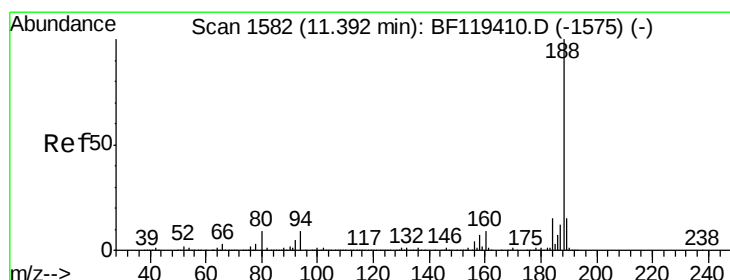
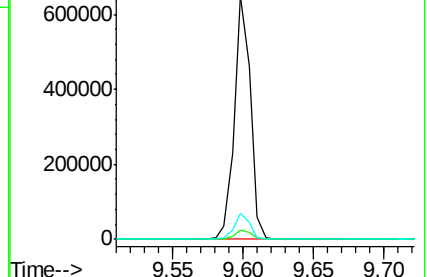
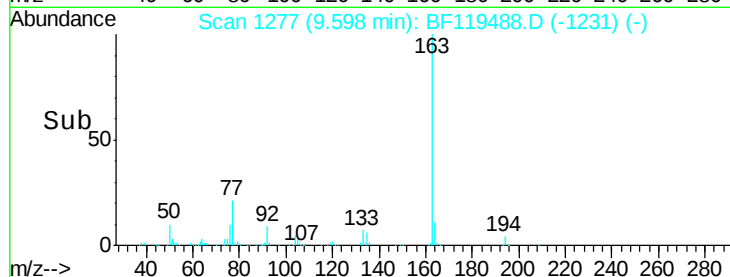
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF119488.D

Acq: 24 Mar 2020 14:37

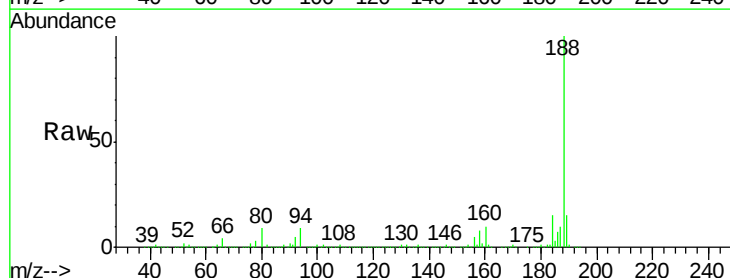
Tgt Ion:188 Resp: 1064888

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

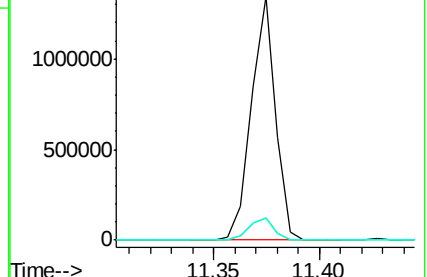
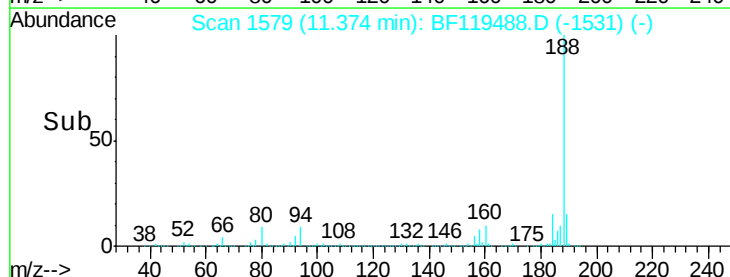
80 9.4 7.5 11.3

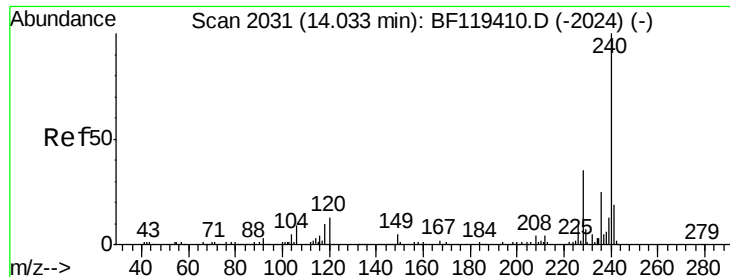


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

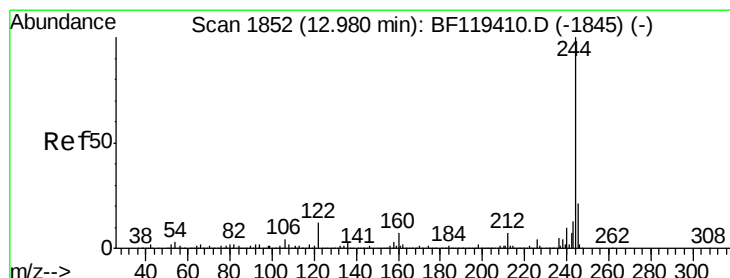
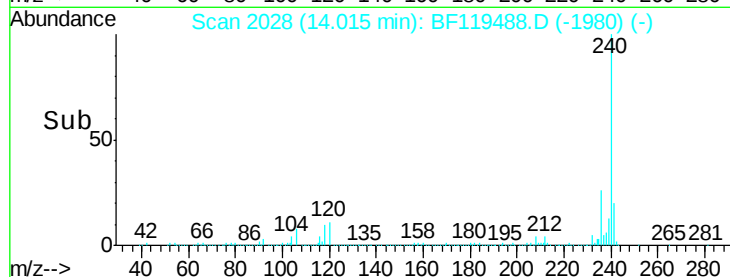
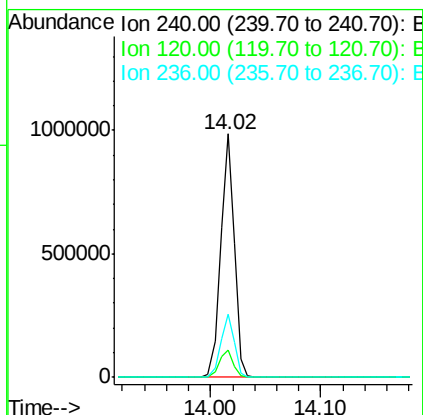
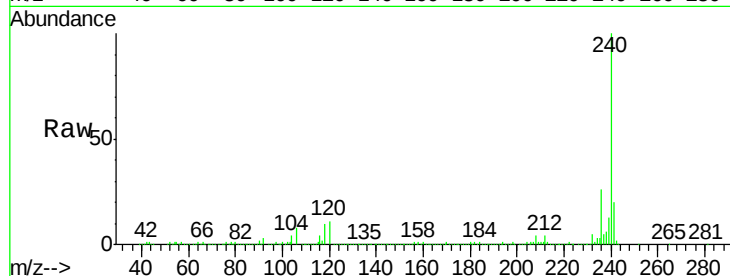




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119488.D
Acq: 24 Mar 2020 14:37

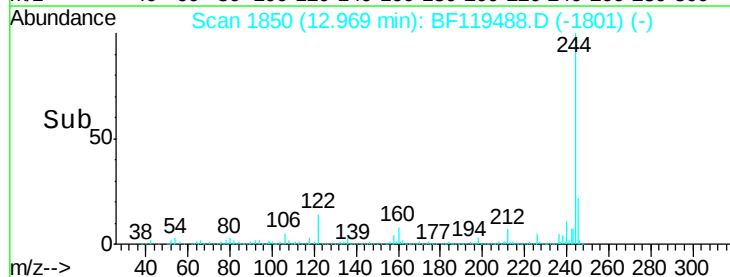
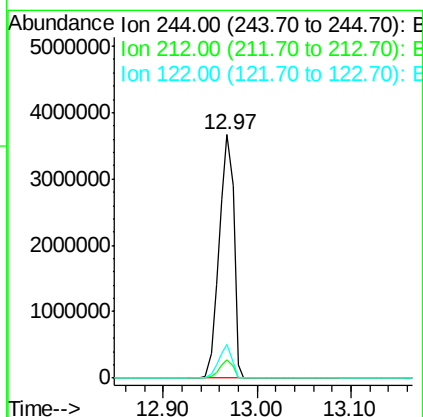
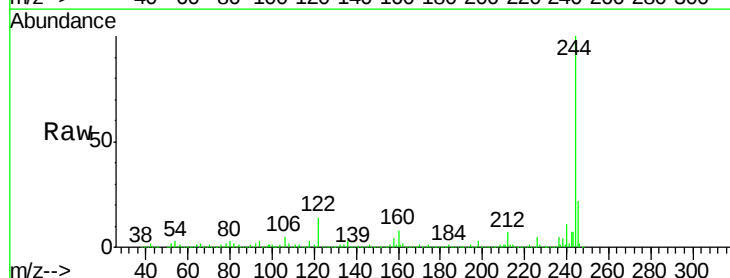
Instrument :
BNA_F
ClientSampled :
MH-4

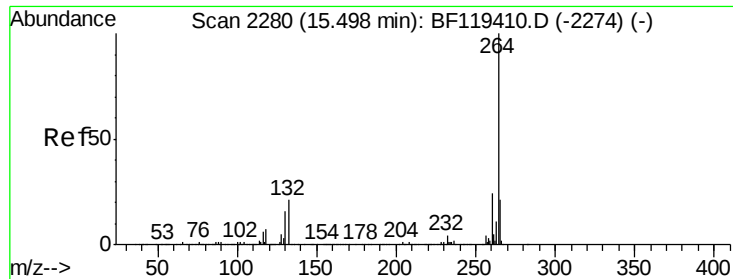
Tot Ion:240 Resp: 846214
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.4
236 25.9 20.4 30.6



#79
Terphenyl-d14
Concen: 92.574 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 14:37

Tgt Ion:244 Resp: 3998395
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 13.8 9.8 14.8



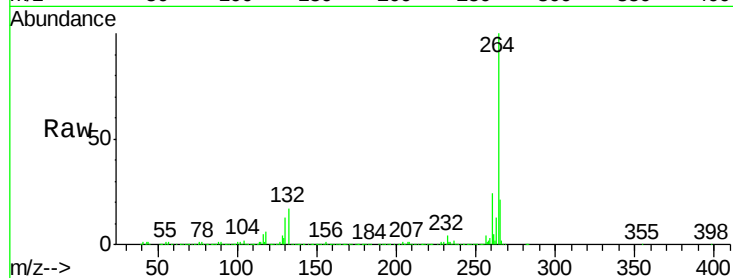


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 14:37

Instrument :
BNA_F
ClientSampleId :
MH-4

Tot Ion: 264 Resp: 729411

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	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

