

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115010.D
 Acq On : 13 Jun 2019 19:10
 Operator : HP/JU
 Sample : K3345-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-5_061119

Quant Time: Jun 14 04:12:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	249239	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	958544	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	451877	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	810080	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	543311	20.00	ng	-0.01
87) Perylene-d12	15.14	264	542906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	741867	49.70	ng	0.00
7) Phenol-d6	6.28	99	590227	32.78	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1152264	72.36	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	450543	93.11	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2180233	81.77	ng	0.00
79) Terphenyl-d14	12.73	244	2108436	72.99	ng	0.00

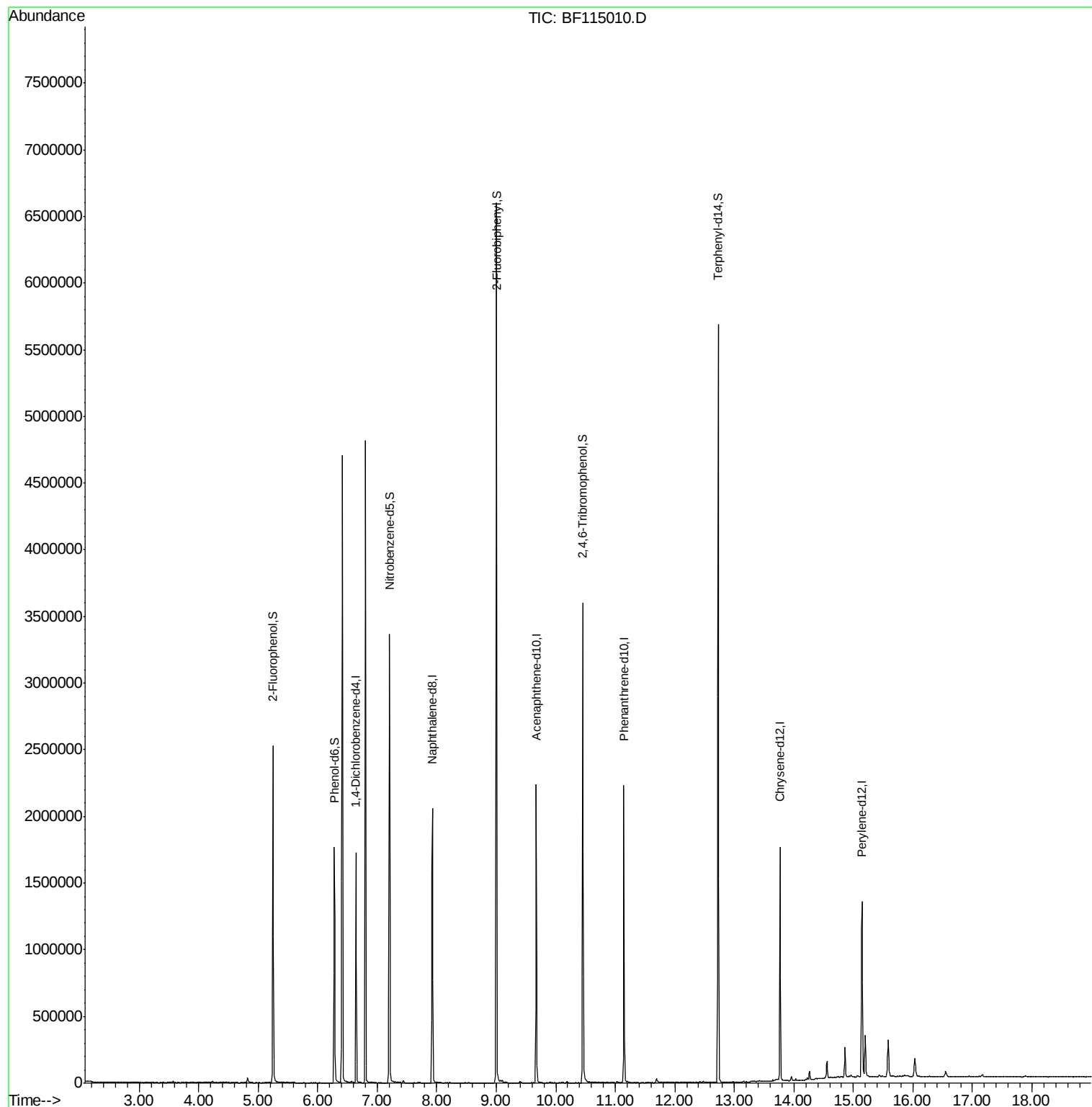
Target Compounds Qvalue

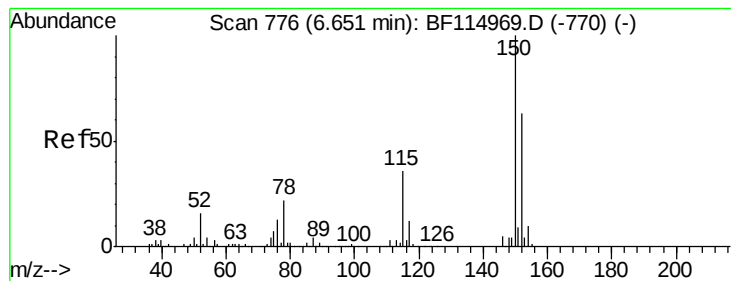
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF115010.D

Acq: 13 Jun 2019 19:10

Instrument :

BNA_F

ClientSampleId :

C-MW-5_061119

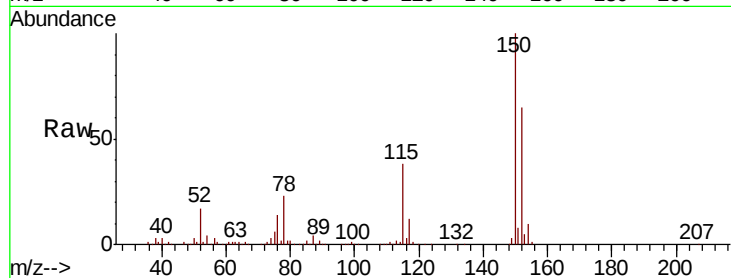
Tot Ion:152 Resp: 249239

Ion Ratio Lower Upper

152 100

150 154.9 127.4 191.0

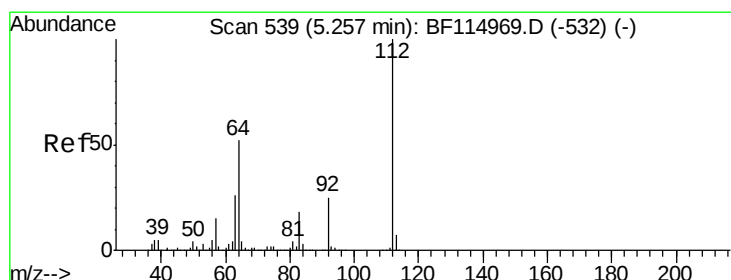
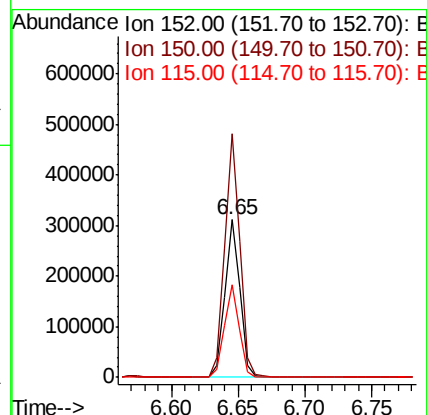
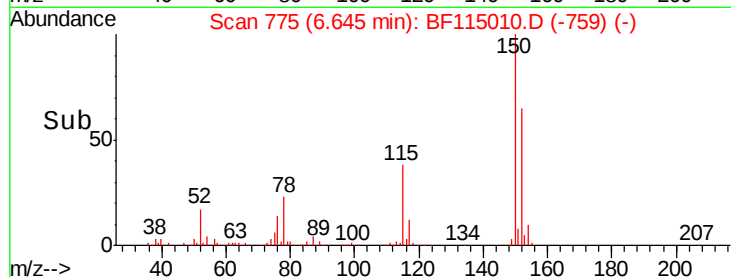
115 59.2 46.0 69.0



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: 49.702 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF115010.D

Acq: 13 Jun 2019 19:10

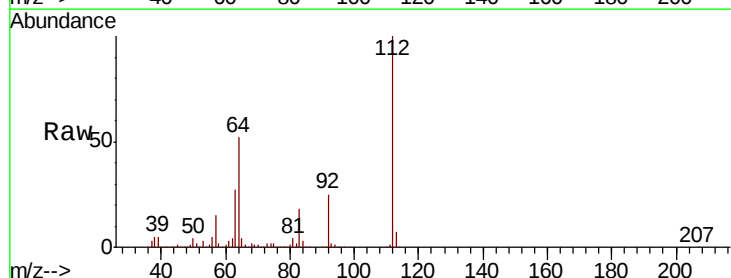
Tgt Ion:112 Resp: 741867

Ion Ratio Lower Upper

112 100

64 51.9 41.6 62.4

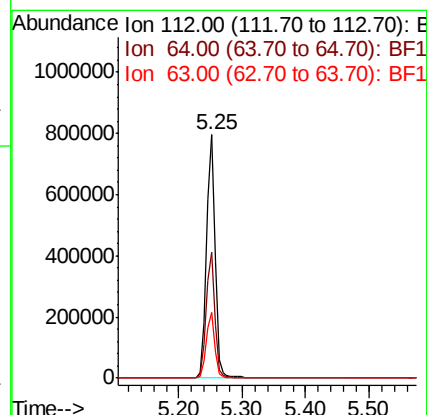
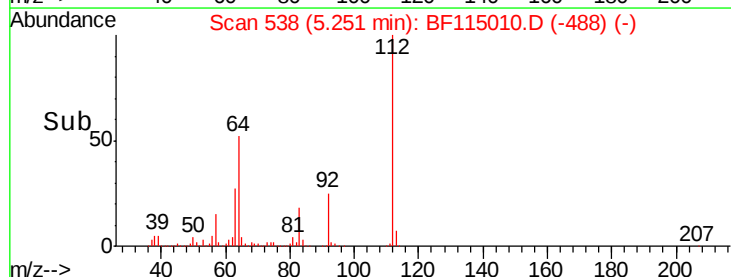
63 26.8 20.9 31.3

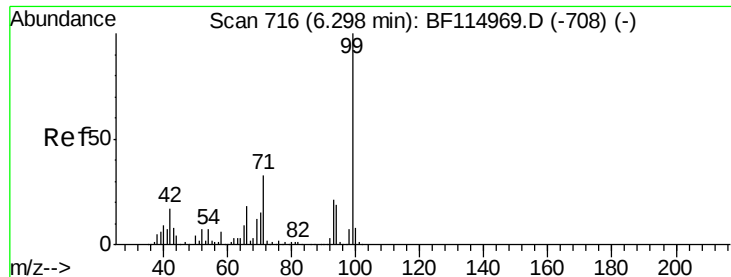


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 32.780 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115010.D

Acq: 13 Jun 2019 19:10

Instrument :

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ClientSampleId :

C-MW-5 061119

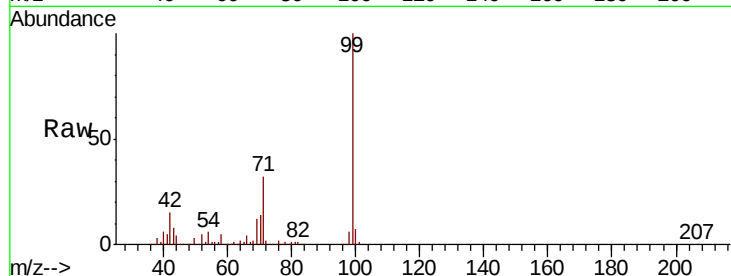
Tot Ion: 99 Resp: 590227

Ion Ratio Lower Upper

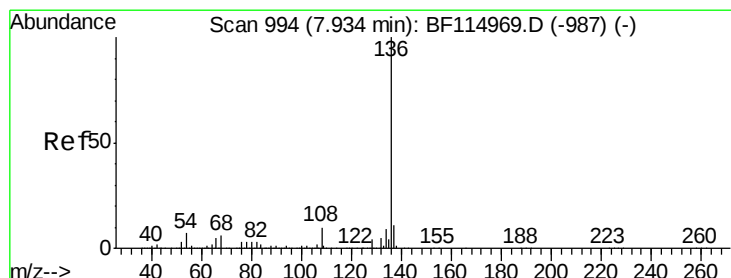
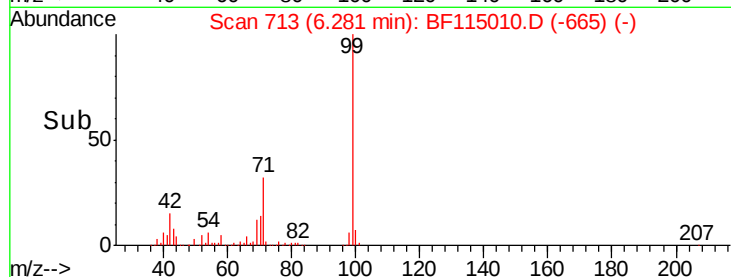
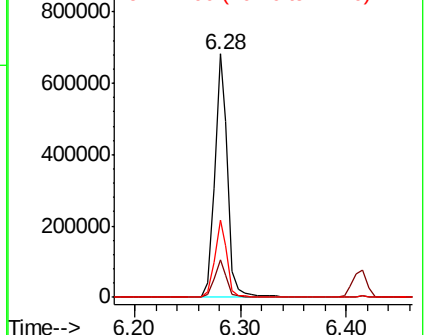
99 100

42 15.2 13.4 20.2

71 31.8 26.4 39.6



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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115010.D

Acq: 13 Jun 2019 19:10

Tgt Ion: 136 Resp: 958544

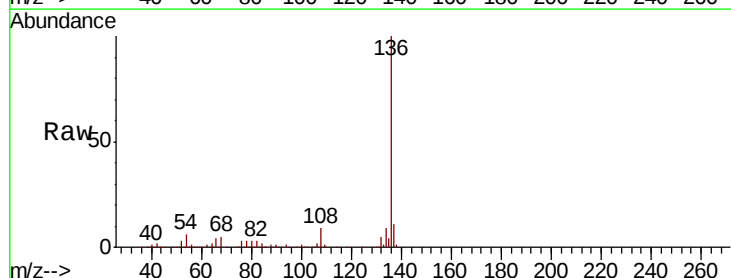
Ion Ratio Lower Upper

136 100

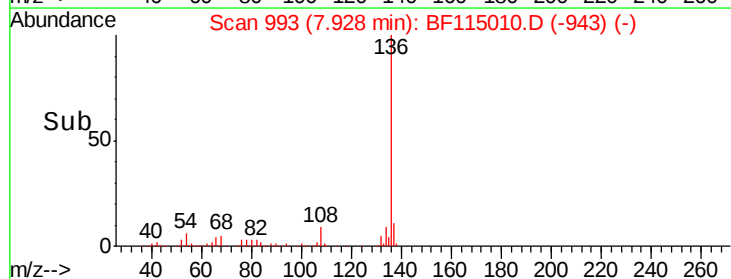
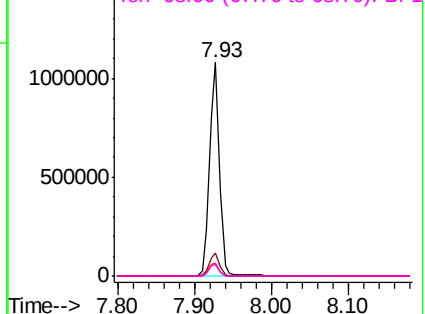
137 11.0 9.0 13.4

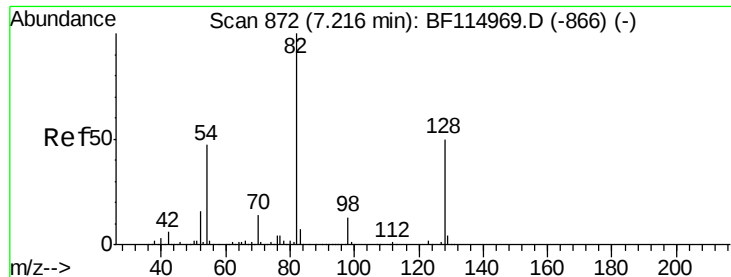
54 6.2 5.4 8.0

68 5.5 4.6 7.0



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

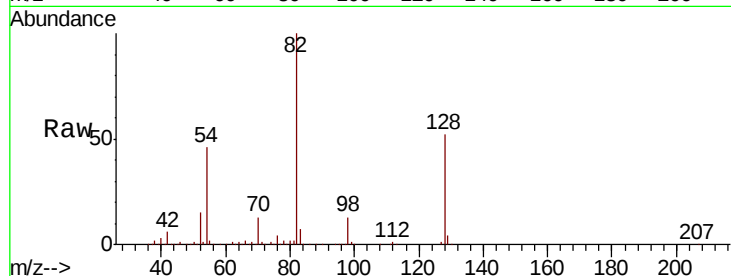




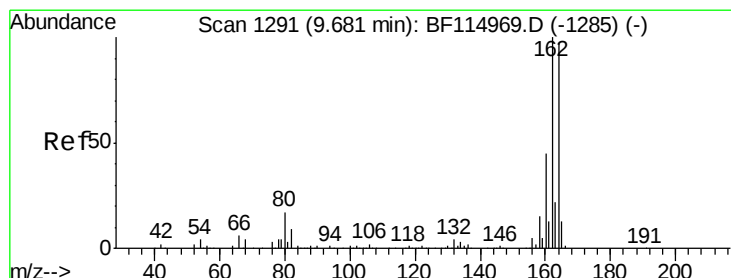
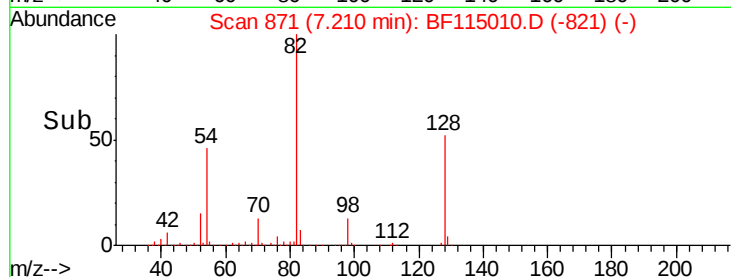
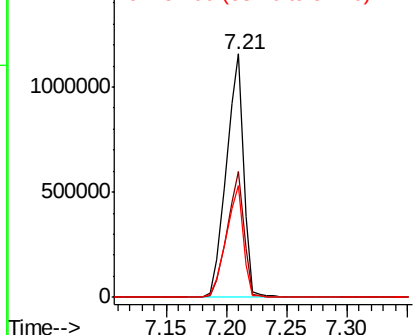
#23
Nitrobenzene-d5
Concen: 72.357 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

Instrument :
BNA_F
ClientSampleId :
C-MW-5_061119

Tot Ion: 82 Resp: 1152264
Ion Ratio Lower Upper
82 100
128 51.9 39.9 59.9
54 45.9 37.3 55.9

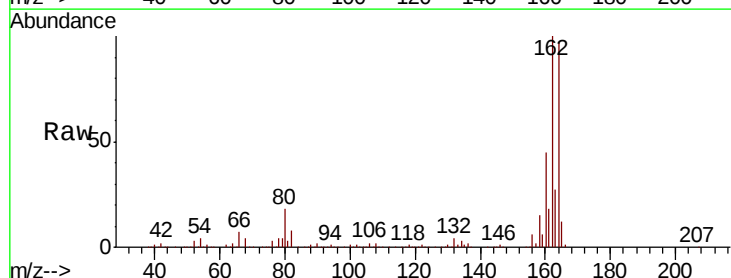


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

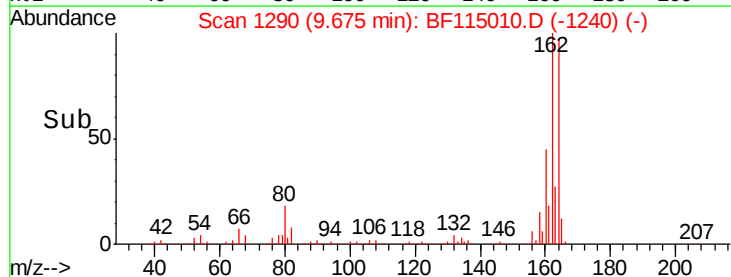
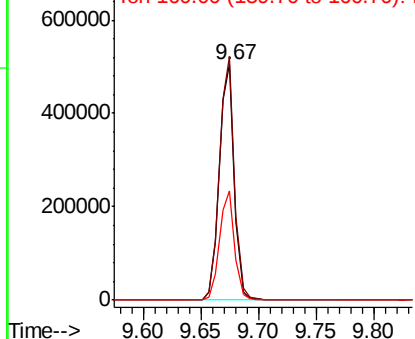


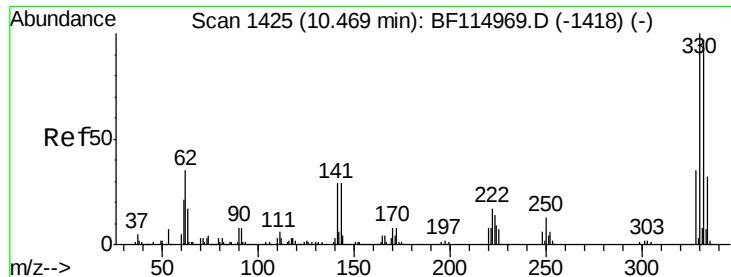
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

Tgt Ion:164 Resp: 451877
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 46.5 36.9 55.3



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





#42

2,4,6-Tribromophenol

Concen: 93.107 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115010.D

Acq: 13 Jun 2019 19:10

Instrument :

BNA_F

ClientSampleId :

C-MW-5 061119

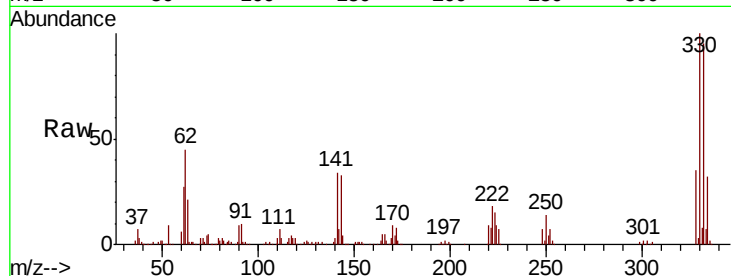
Tot Ion:330 Resp: 450543

Ion Ratio Lower Upper

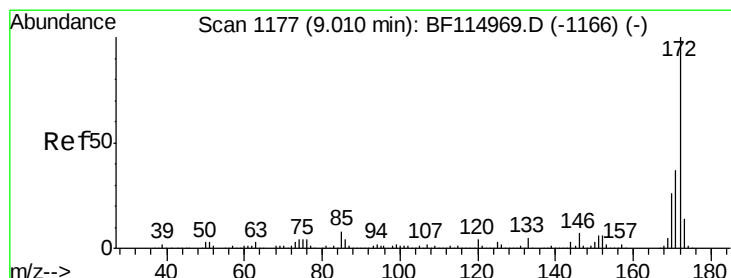
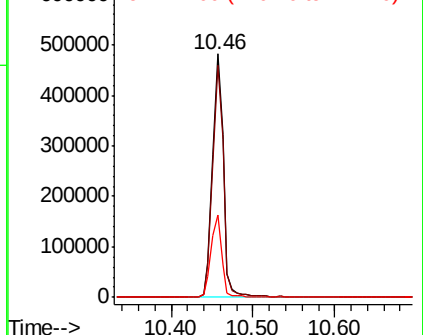
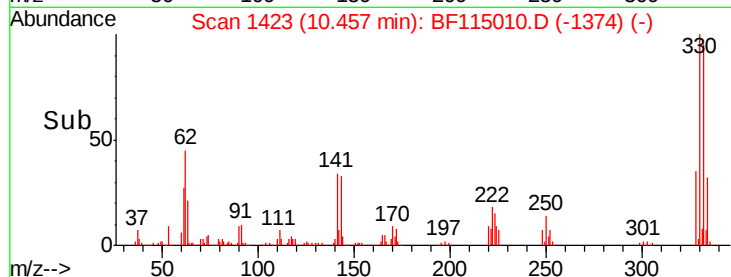
330 100

332 95.2 77.6 116.4

141 33.3 27.2 40.8



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: 81.773 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115010.D

Acq: 13 Jun 2019 19:10

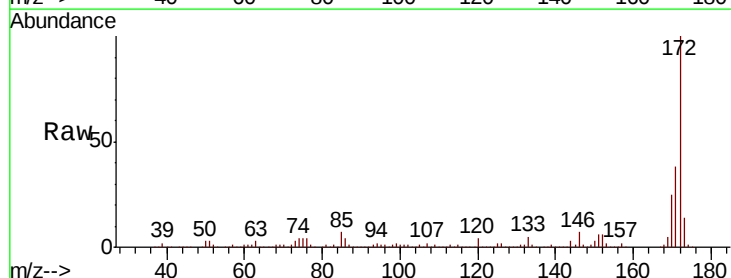
Tgt Ion:172 Resp: 2180233

Ion Ratio Lower Upper

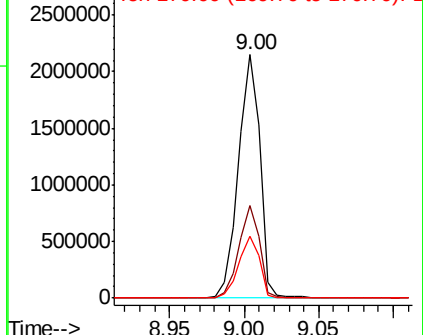
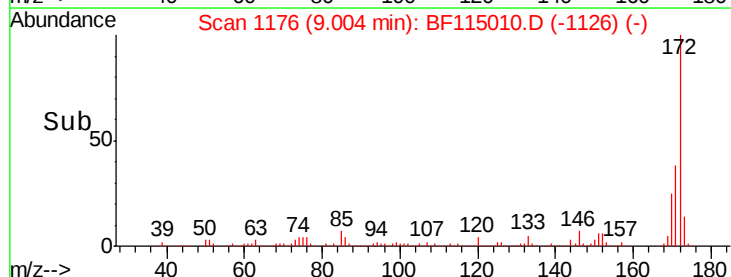
172 100

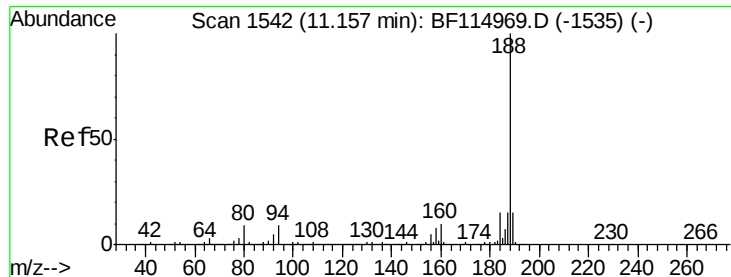
171 38.1 29.8 44.6

170 25.4 20.6 31.0



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

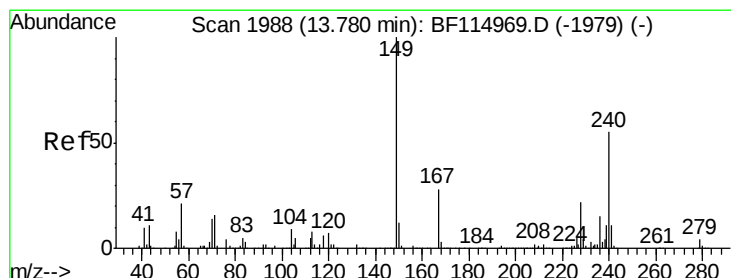
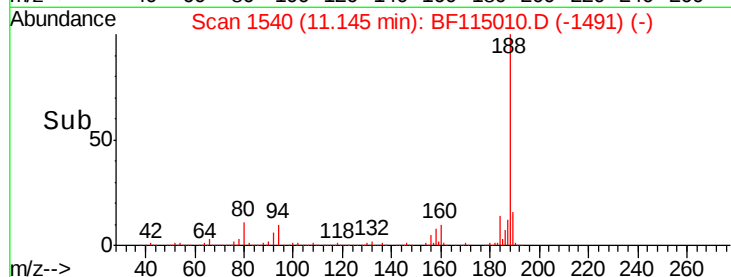
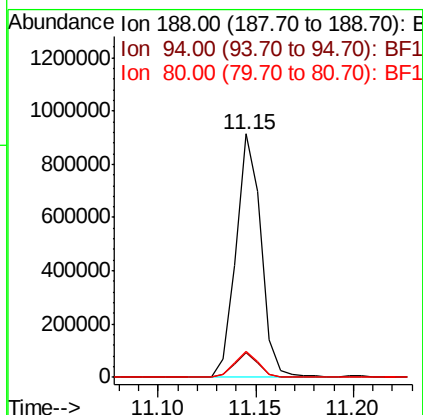
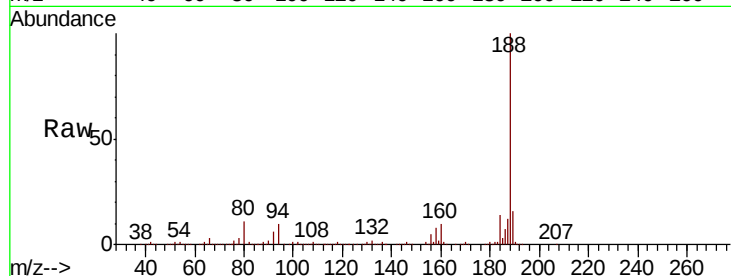




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

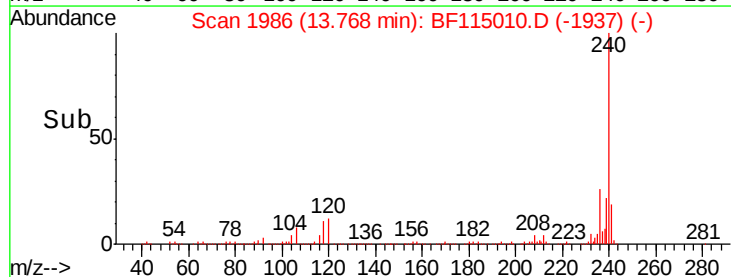
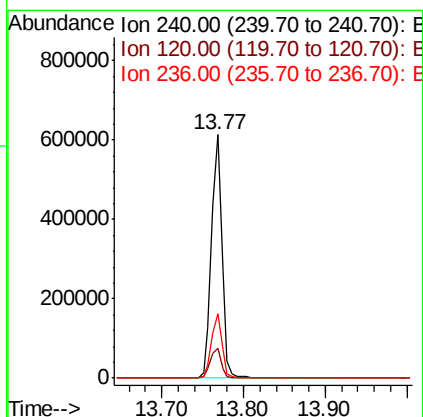
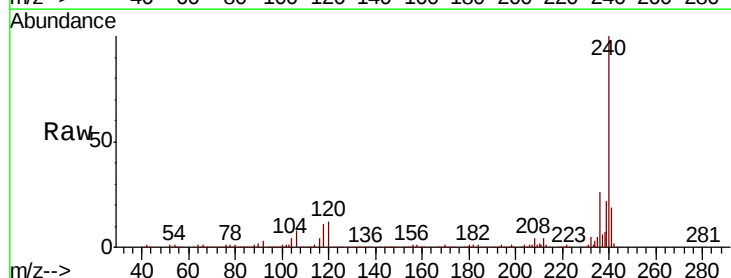
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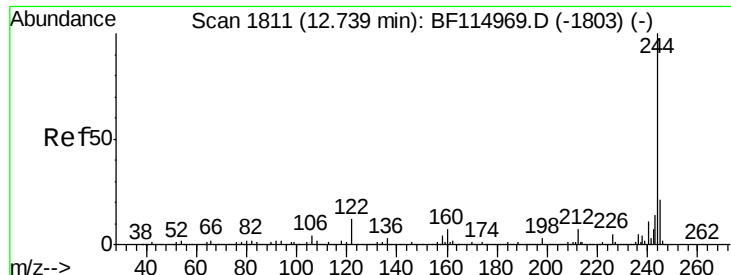
Tot Ion:188 Resp: 810080
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 10.5 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115010.D
Acq: 13 Jun 2019 19:10

Tgt Ion:240 Resp: 543311
Ion Ratio Lower Upper
240 100
120 12.3 10.0 15.0
236 26.3 21.6 32.4

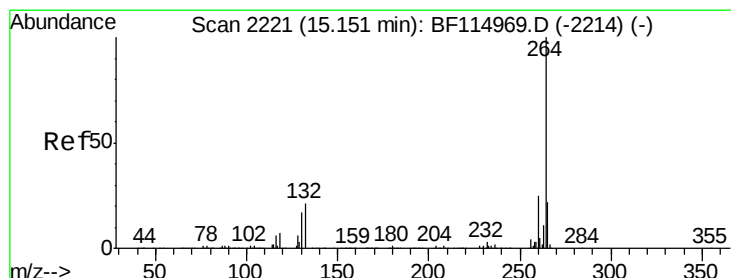
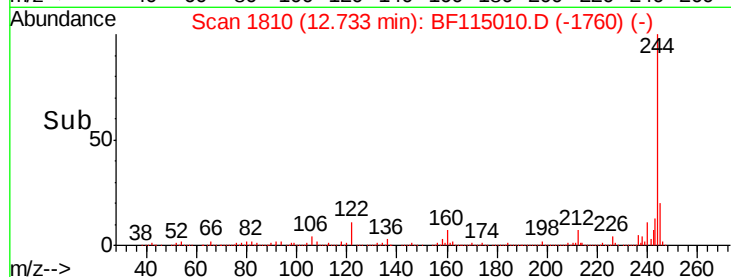
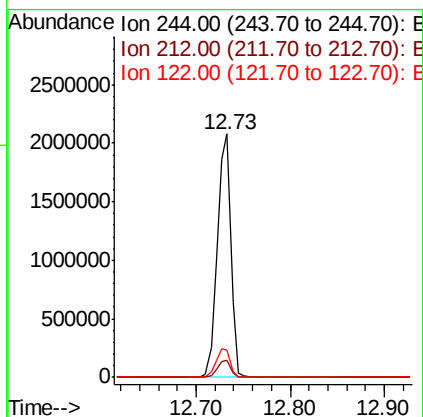
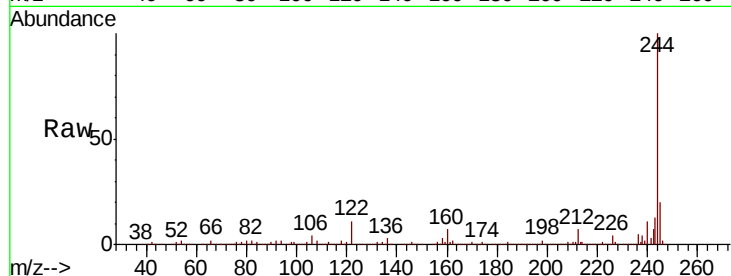




#79
 Terphenyl-d14
 Concen: 72.991 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115010.D
 Acq: 13 Jun 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-5_061119

Tot Ion:244 Resp: 2108436
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.5 9.4 14.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115010.D
 Acq: 13 Jun 2019 19:10

Tgt Ion:264 Resp: 542906
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 21.3 17.6 26.4

