

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113185.D
 Acq On : 20 Mar 2019 21:56
 Operator : JU/SJ
 Sample : K1971-10 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(6-7)-031519

Quant Time: Mar 21 15:40:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116450	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	464841	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	227093	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	426078	20.00	ng	0.00
76) Chrysene-d12	13.87	240	305872	20.00	ng	0.00
87) Perylene-d12	15.30	264	219391	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	100446	13.42	ng	0.00
7) Phenol-d6	6.36	99	130230	13.85	ng	-0.01
23) Nitrobenzene-d5	7.28	82	72300	9.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	37826	15.69	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	175167	9.13	ng	0.00
79) Terphenyl-d14	12.82	244	168896	10.70	ng	0.00

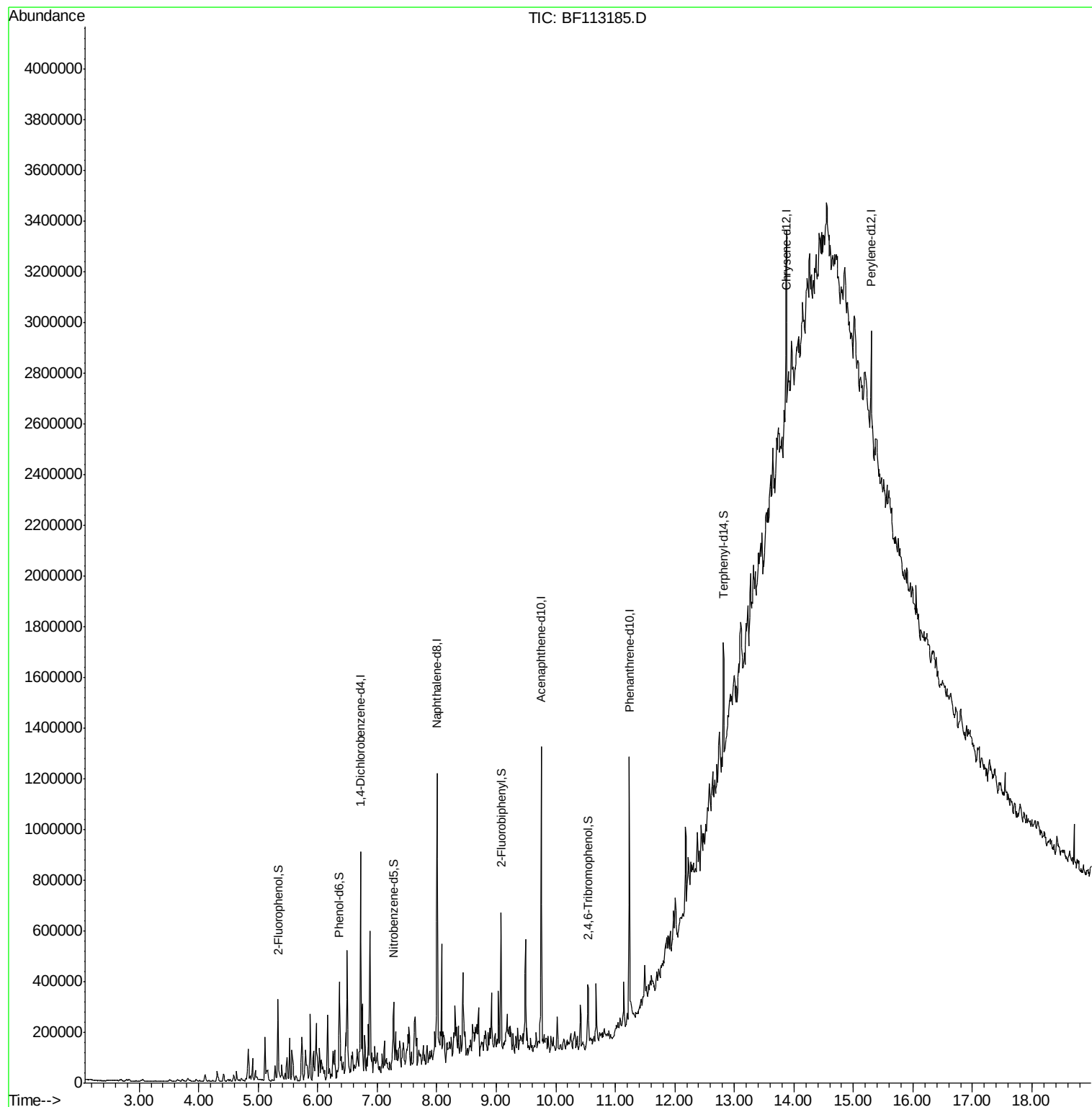
Target Compounds	Qvalue
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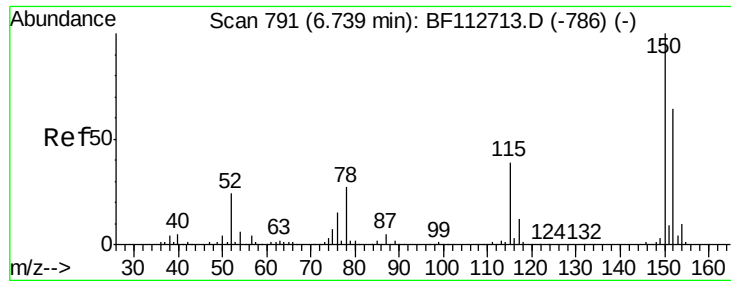
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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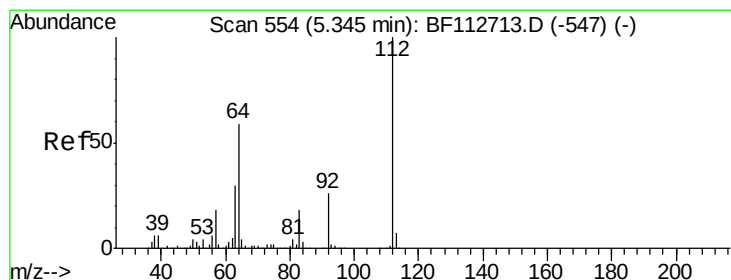
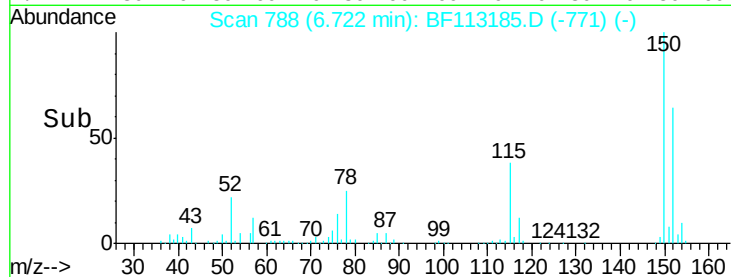
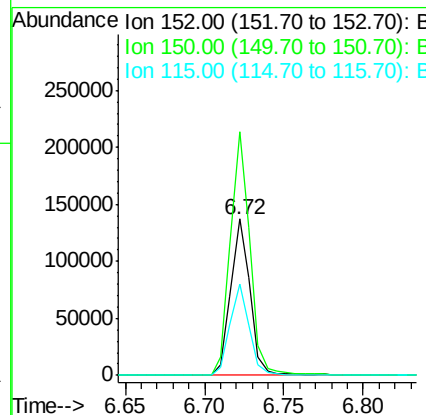
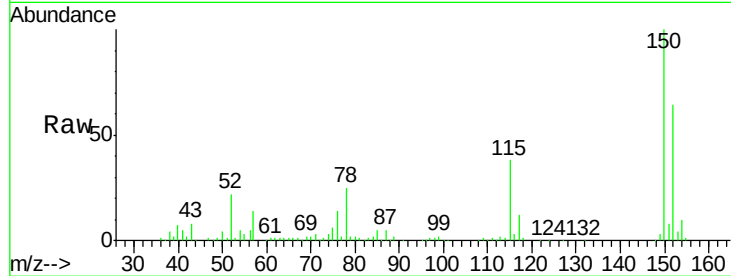


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113185.D
Acq: 20 Mar 2019 21:56

Instrument :
BNA_F
ClientSampleId :
SB-15(6-7)-031519

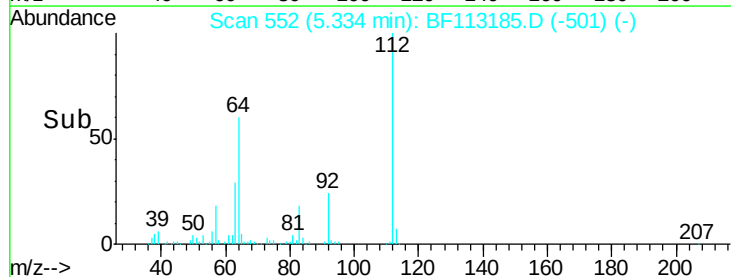
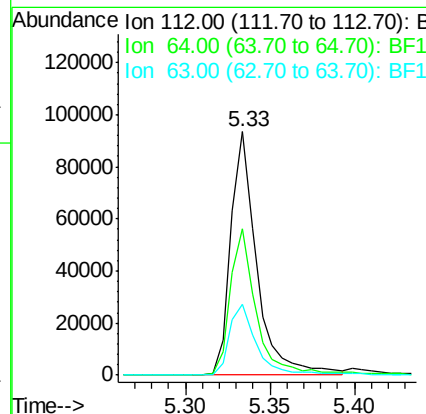
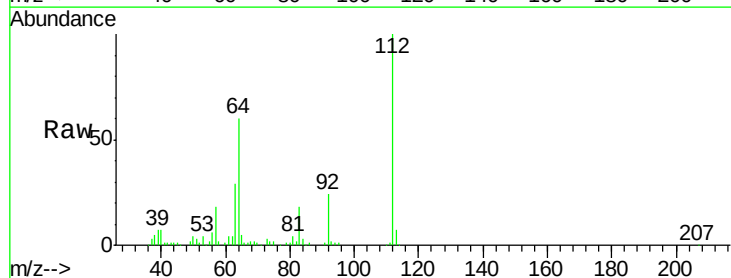
Tgt Ion:152 Resp: 116450
Ion Ratio Lower Upper
152 100
150 156.1 123.0 184.6
115 58.9 45.9 68.9

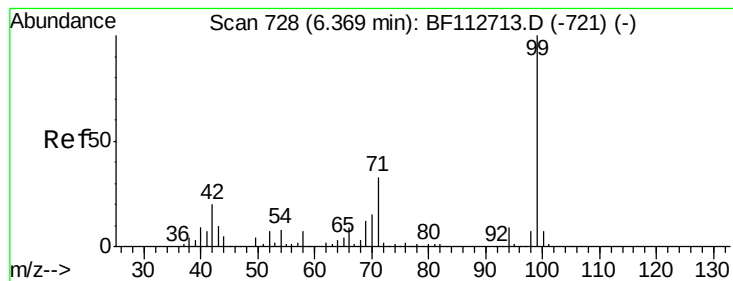


#5

2-Fluorophenol
Concen: 13.418 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF113185.D
Acq: 20 Mar 2019 21:56

Tgt Ion:112 Resp: 100446
Ion Ratio Lower Upper
112 100
64 60.2 49.3 73.9
63 29.2 25.4 38.2





#7

Phenol-d6

Concen: 13.849 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113185.D

Acq: 20 Mar 2019 21:56

Instrument :

BNA_F

ClientSampleId :

SB-15(6-7)-031519

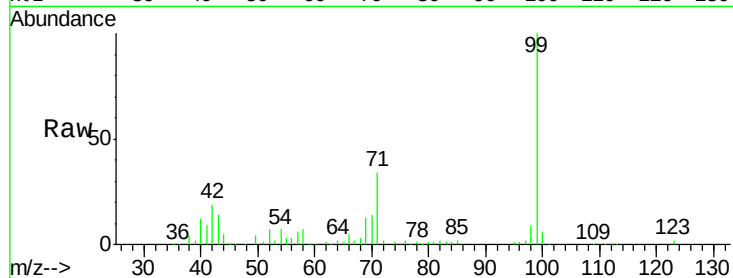
Tgt Ion: 99 Resp: 130230

Ion Ratio Lower Upper

99 100

42 18.7 15.2 22.8

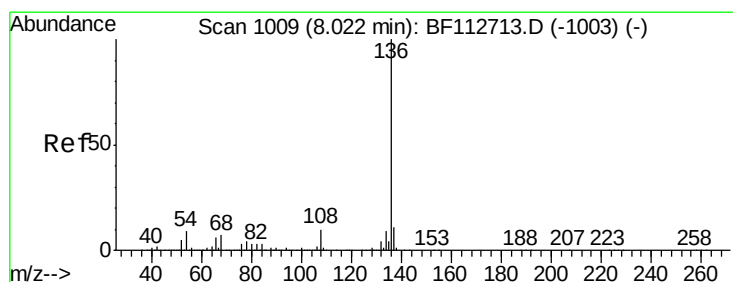
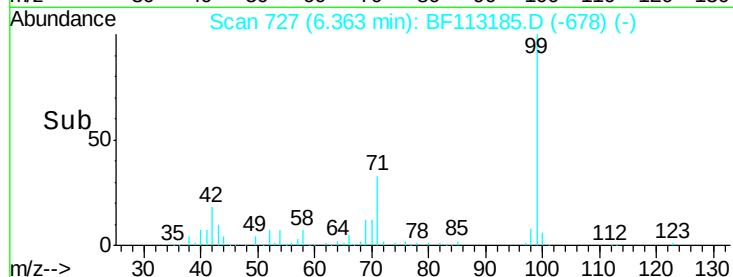
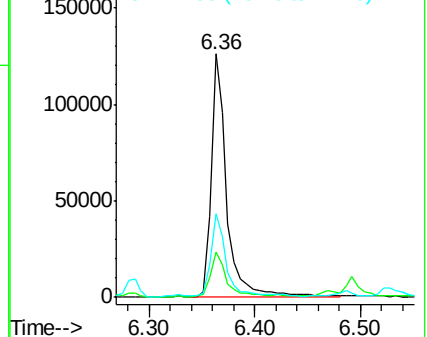
71 34.2 25.7 38.5



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: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113185.D

Acq: 20 Mar 2019 21:56

Tgt Ion: 136 Resp: 464841

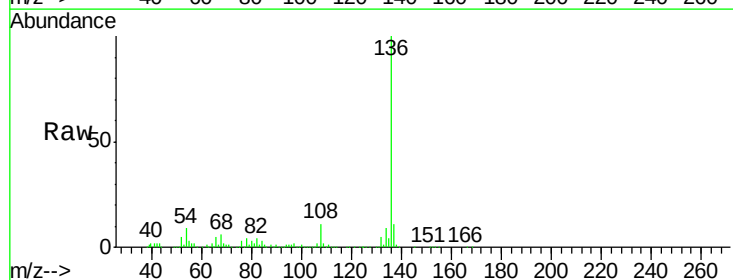
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.8 7.0 10.6

68 6.1 5.0 7.4

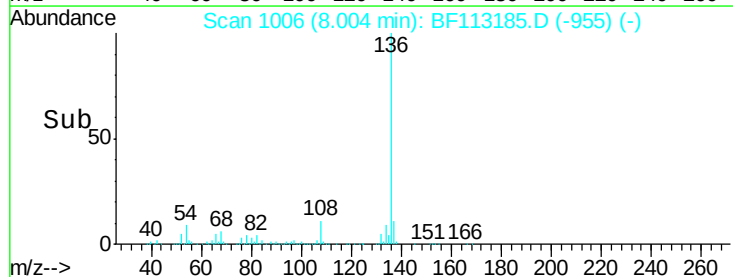
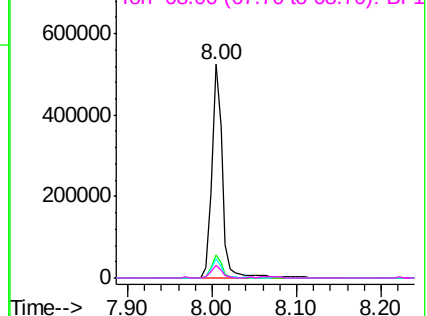


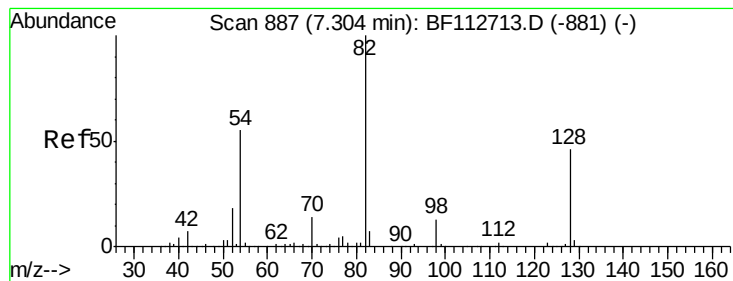
Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.307 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF113185.D

Acq: 20 Mar 2019 21:56

Instrument :

BNA_F

ClientSampleId :

SB-15(6-7)-031519

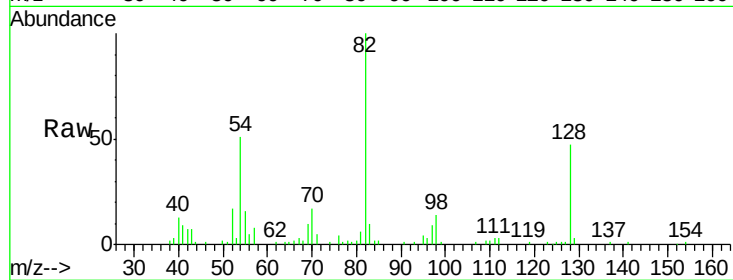
Tgt Ion: 82 Resp: 72300

Ion Ratio Lower Upper

82 100

128 46.6 37.9 56.9

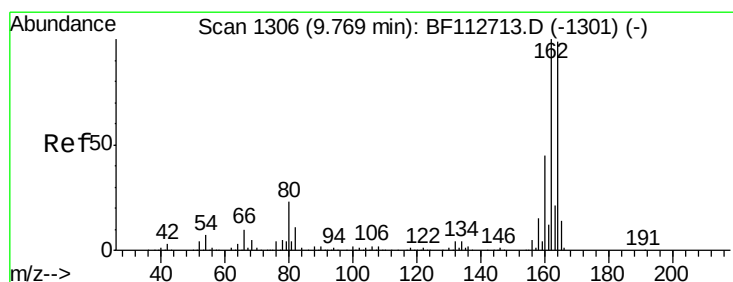
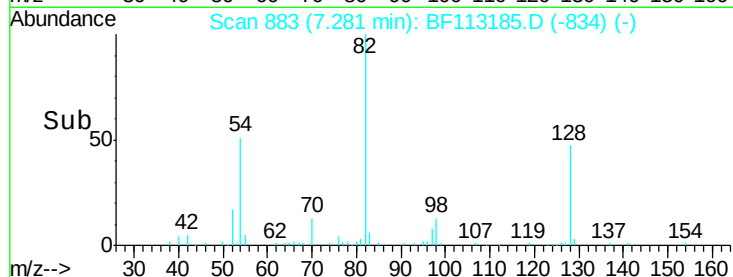
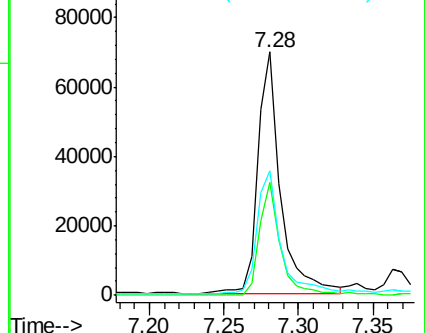
54 51.3 41.2 61.8



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: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF113185.D

Acq: 20 Mar 2019 21:56

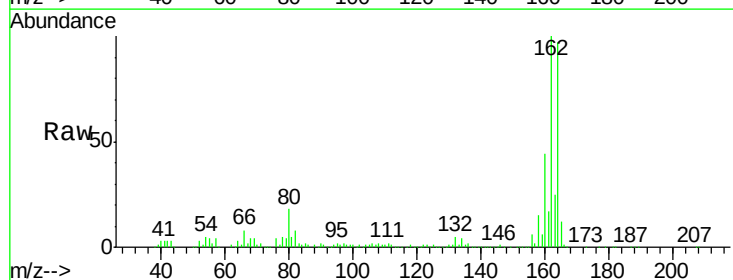
Tgt Ion: 164 Resp: 227093

Ion Ratio Lower Upper

164 100

162 103.2 80.8 121.2

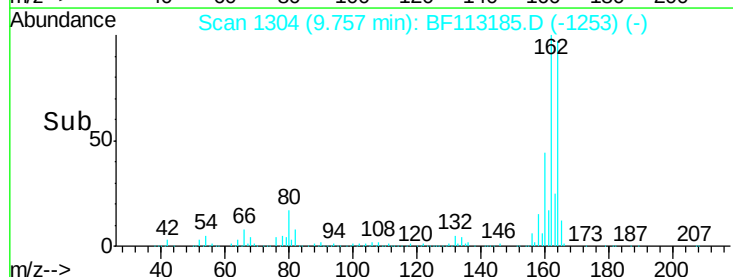
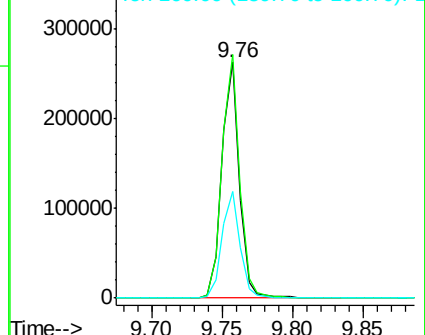
160 45.3 36.2 54.2

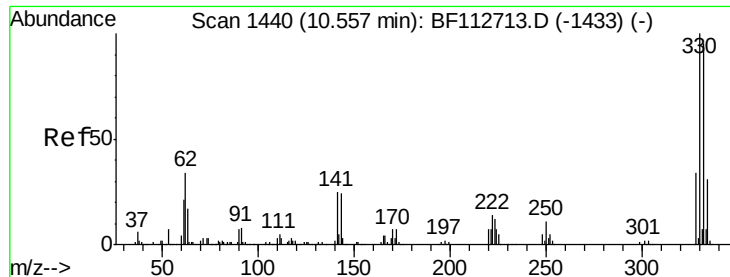


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

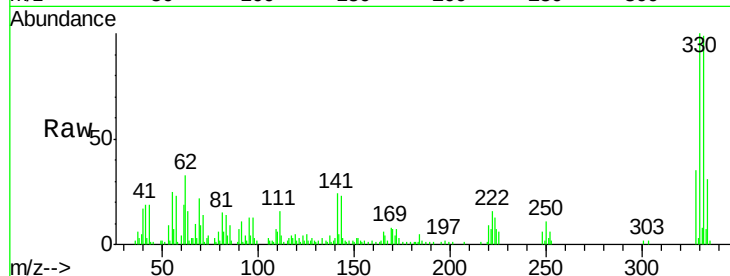




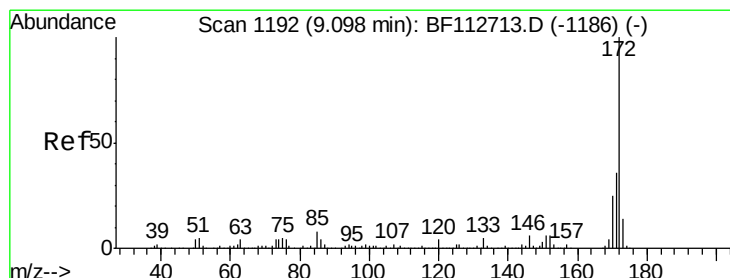
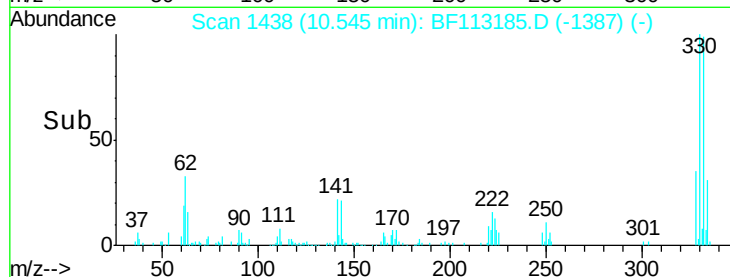
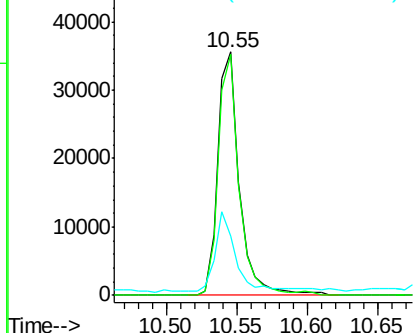
#42
 2,4,6-Tribromophenol
 Concen: 15.690 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113185.D
 Acq: 20 Mar 2019 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(6-7)-031519

Tgt Ion:330 Resp: 37826
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.3 114.5
 141 31.0 22.3 33.5

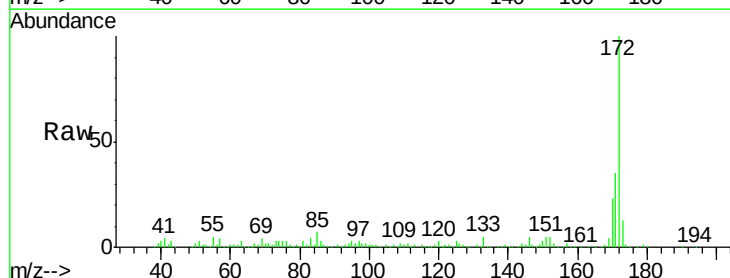


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

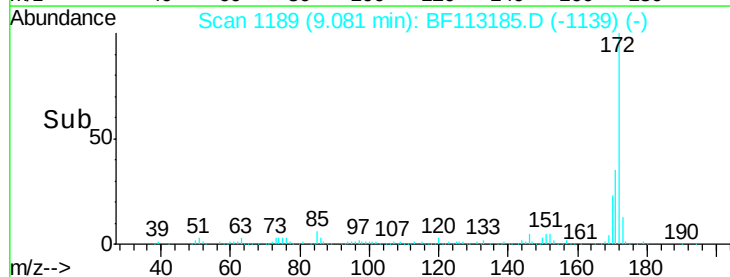
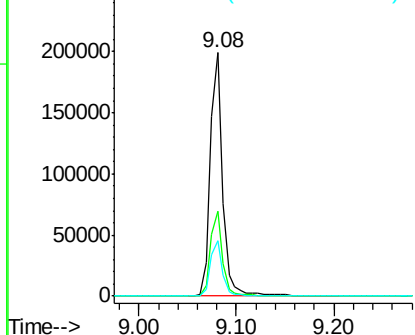


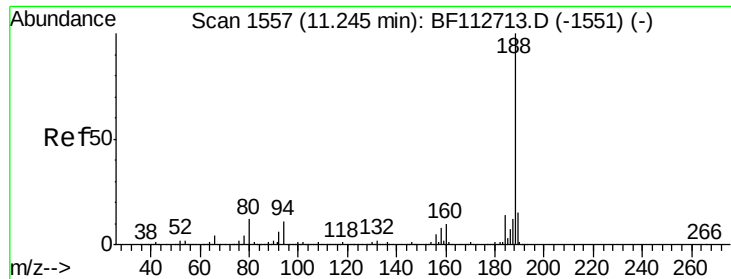
#45
 2-Fluorobiphenyl
 Concen: 9.128 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113185.D
 Acq: 20 Mar 2019 21:56

Tgt Ion:172 Resp: 175167
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.0 43.4
 170 22.7 20.1 30.1



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

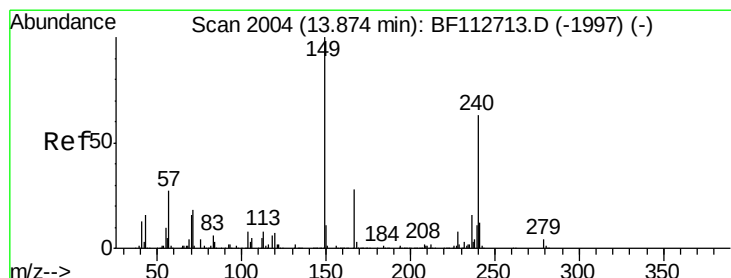
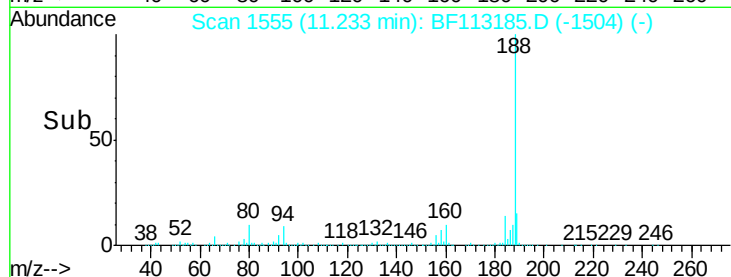
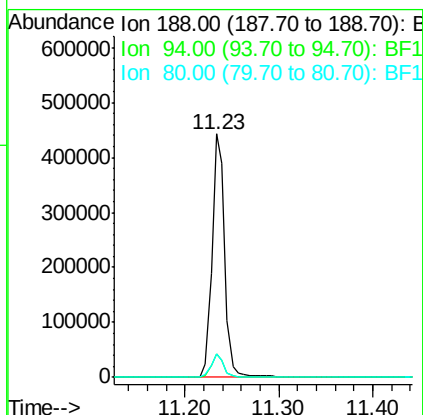
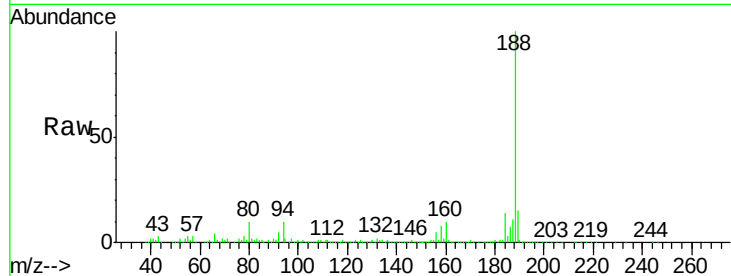




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113185.D
Acq: 20 Mar 2019 21:56

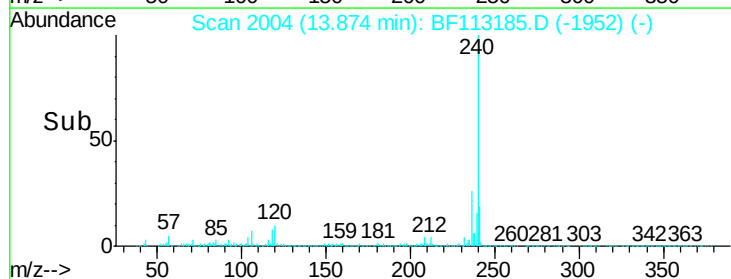
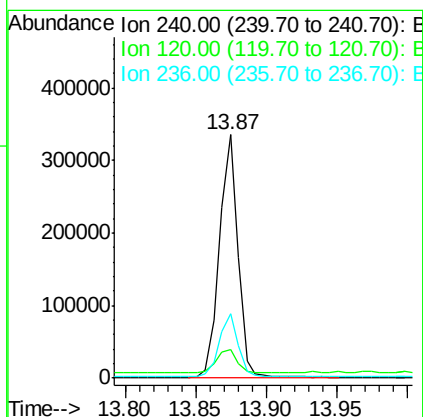
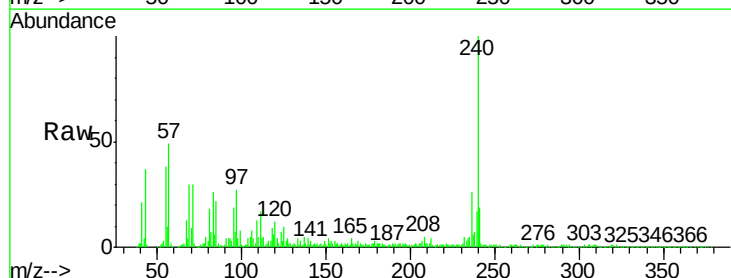
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SB-15(6-7)-031519

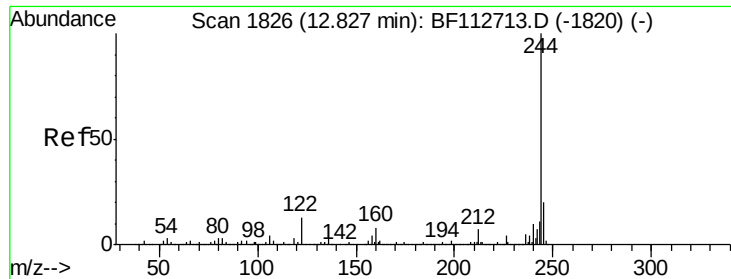
Tgt Ion:188 Resp: 426078
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF113185.D
Acq: 20 Mar 2019 21:56

Tgt Ion:240 Resp: 305872
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 26.3 21.2 31.8





#79

Terphenyl-d14

Concen: 10.704 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF113185.D

Acq: 20 Mar 2019 21:56

Instrument :

BNA_F

ClientSampleId :

SB-15(6-7)-031519

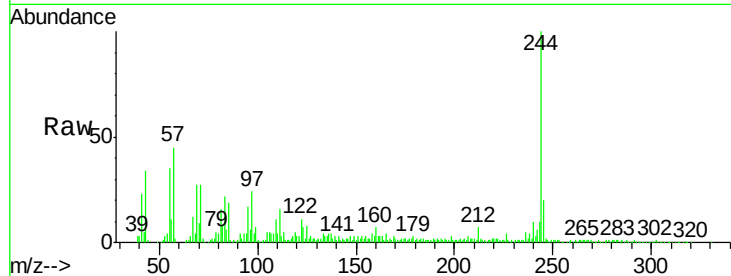
Tgt Ion:244 Resp: 168896

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

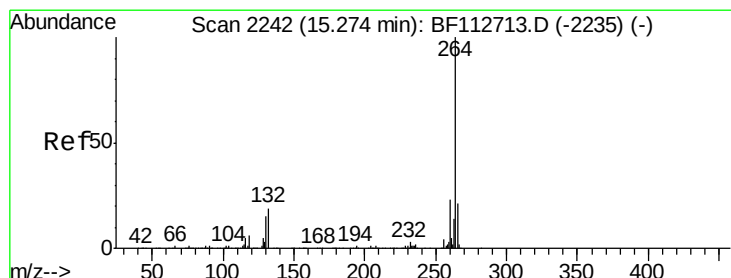
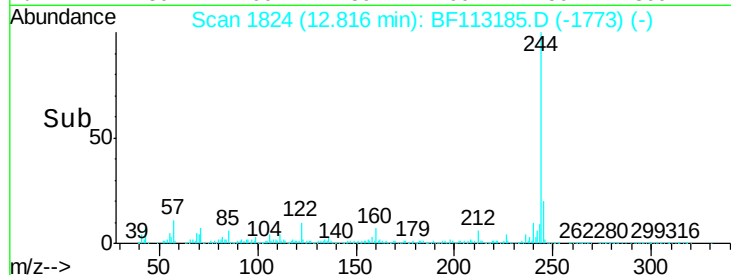
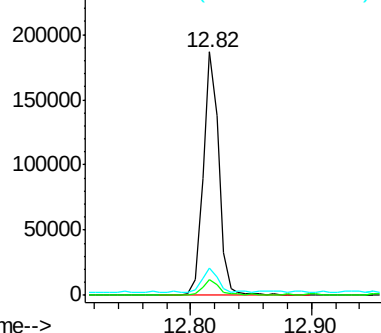
122 11.4 9.4 14.2



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: 15.30 min Scan# 2246

Delta R.T. 0.03 min

Lab File: BF113185.D

Acq: 20 Mar 2019 21:56

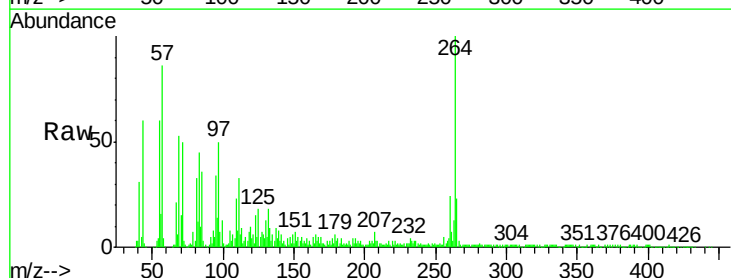
Tgt Ion:264 Resp: 219391

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.8 17.7 26.5



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

