

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119240.D
 Acq On : 6 Mar 2020 4:51
 Operator : CG/JU
 Sample : L1717-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PLANK-MANHOLE

Quant Time: Mar 06 08:23:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144533	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	544964	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	264093	20.00	ng	-0.03
64) Phenanthrene-d10	11.26	188	304496	20.00	ng	0.00
76) Chrysene-d12	13.90	240	250970	20.00	ng	0.00
87) Perylene-d12	15.32	264	316964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	91357	10.56	ng	-0.01
7) Phenol-d6	6.39	99	67772	6.44	ng	-0.02
23) Nitrobenzene-d5	7.29	82	158473	15.35	ng	-0.04
42) 2,4,6-Tribromophenol	10.56	330	61823	17.89	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	332943	18.57	ng	-0.03
79) Terphenyl-d14	12.84	244	206337	14.15	ng	-0.01

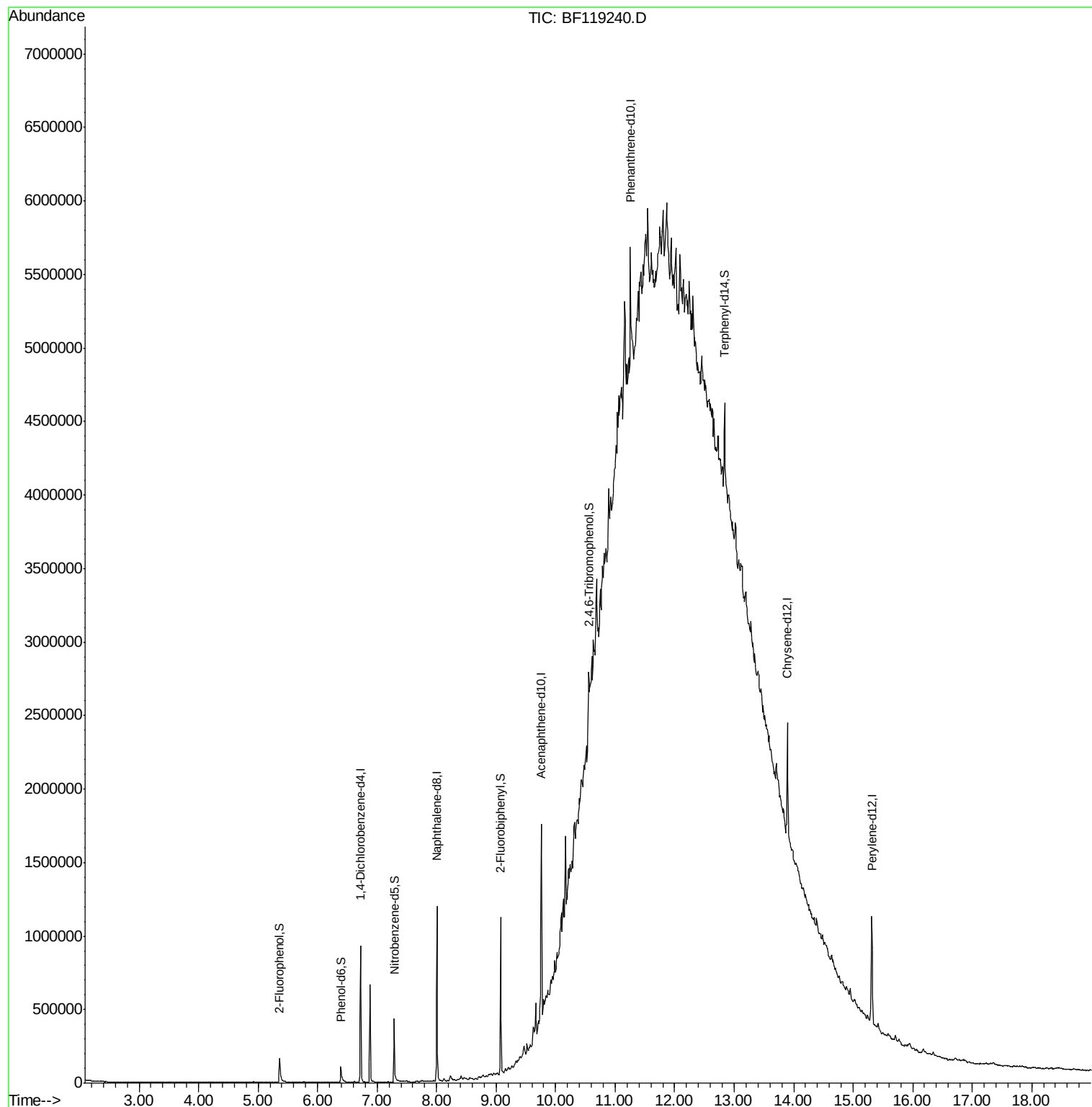
Target Compounds Qvalue

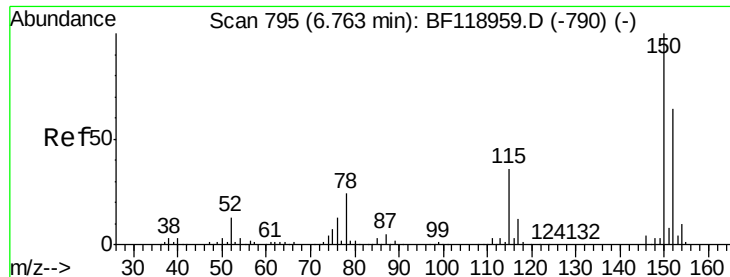
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.02 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

Instrument :

BNA_F

ClientSampleId :

PLANK-MANHOLE

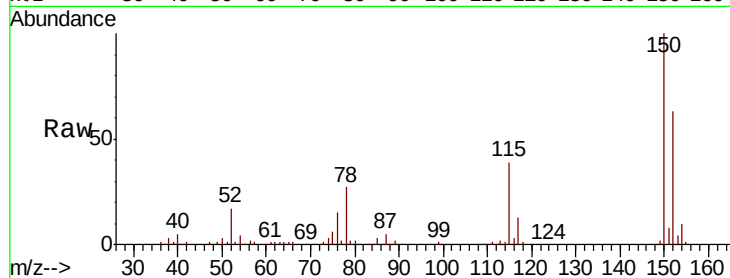
Tot Ion:152 Resp: 144533

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.6

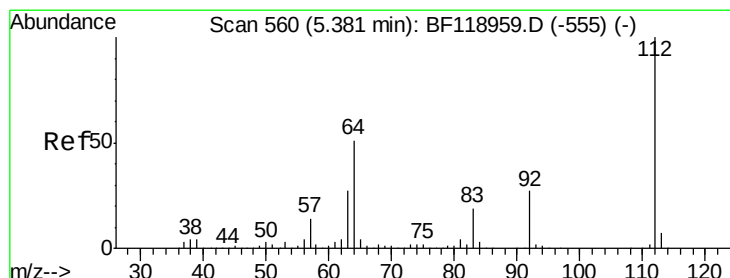
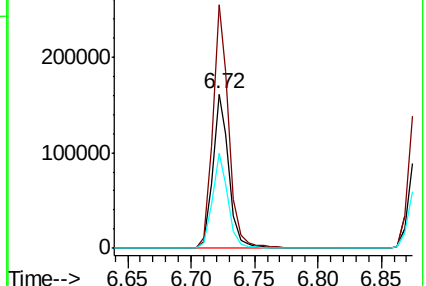
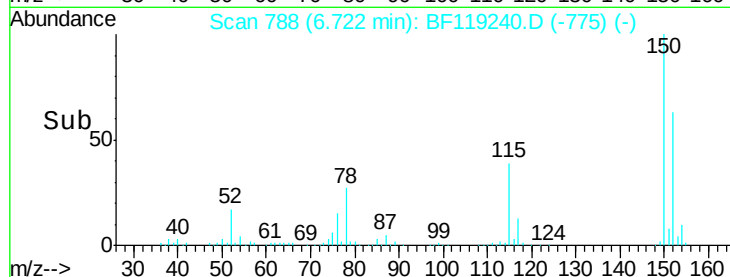
115 62.0 49.5 74.3



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: 10.563 ng

RT: 5.36 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

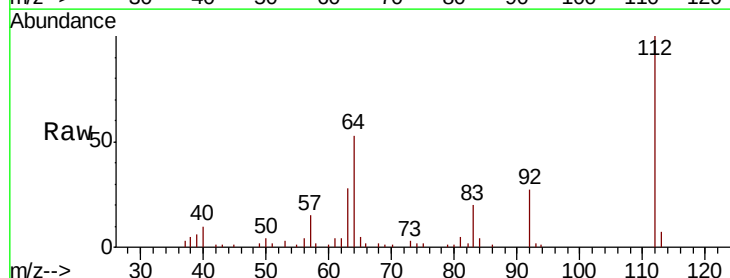
Tgt Ion:112 Resp: 91357

Ion Ratio Lower Upper

112 100

64 52.9 45.0 67.4

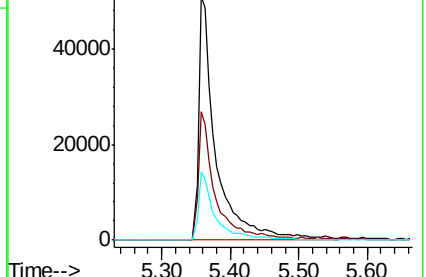
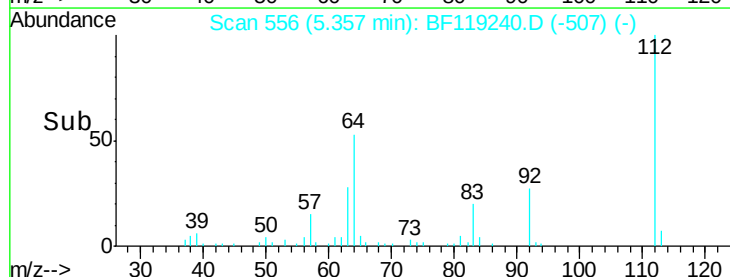
63 28.3 24.2 36.4

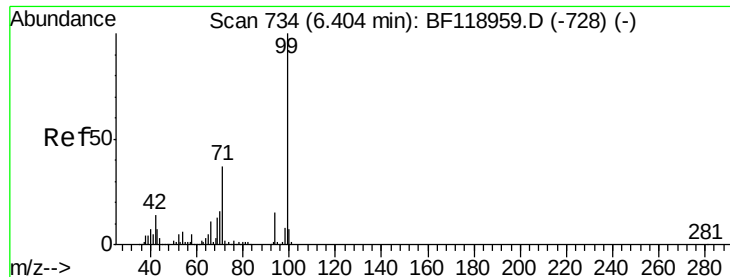


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 6.443 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

Instrument :

BNA_F

ClientSampleId :

PLANK-MANHOLE

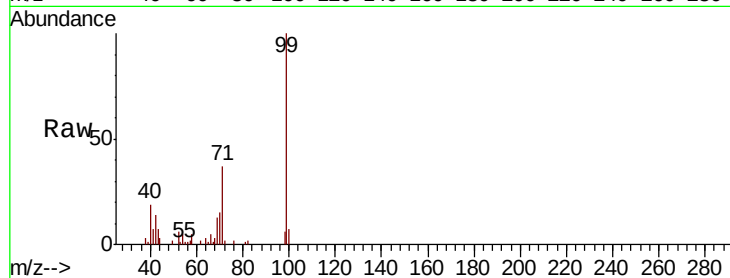
Tot Ion: 99 Resp: 67772

Ion Ratio Lower Upper

99 100

42 13.7 12.6 18.8

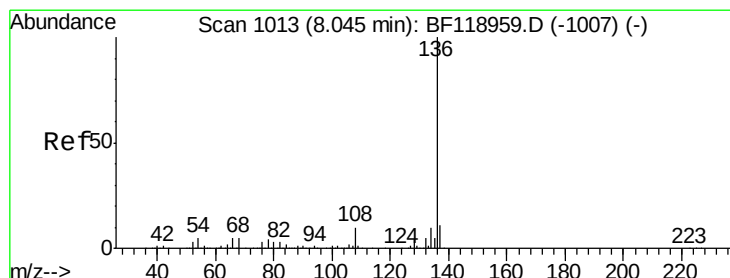
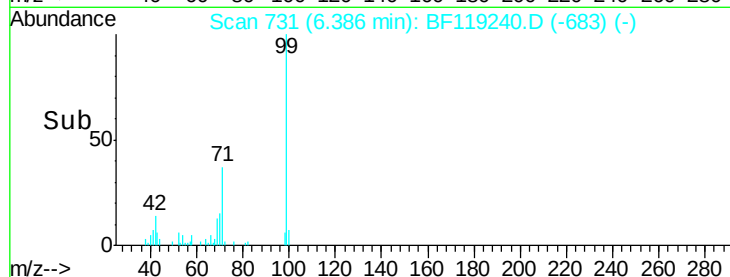
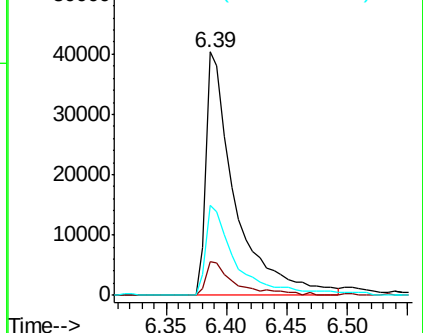
71 36.9 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

Tgt Ion: 136 Resp: 544964

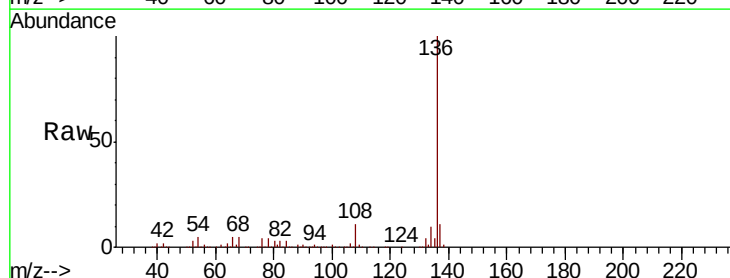
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.3 3.8 5.6

68 5.3 3.9 5.9

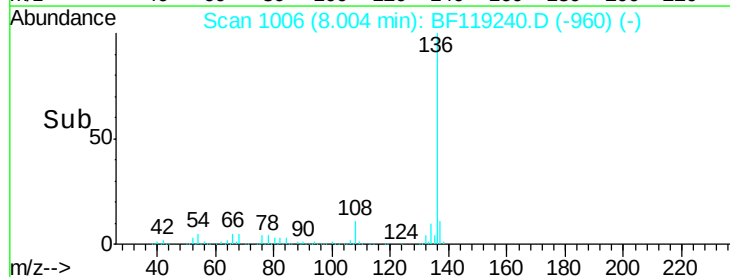
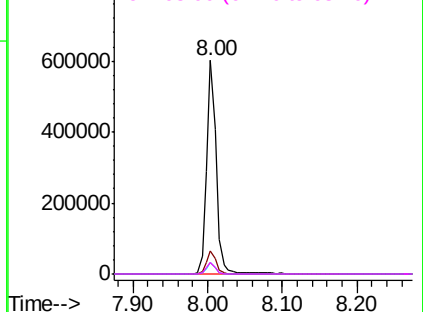


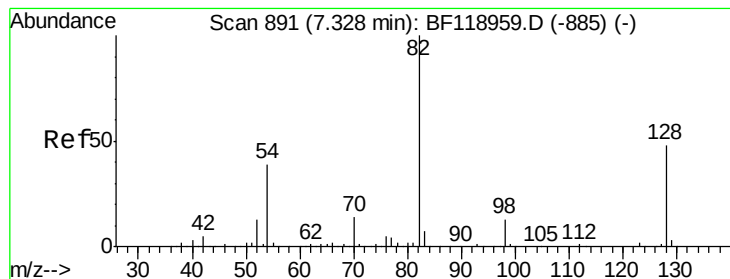
Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.354 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.04 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

Instrument :

BNA_F

ClientSampleId :

PLANK-MANHOLE

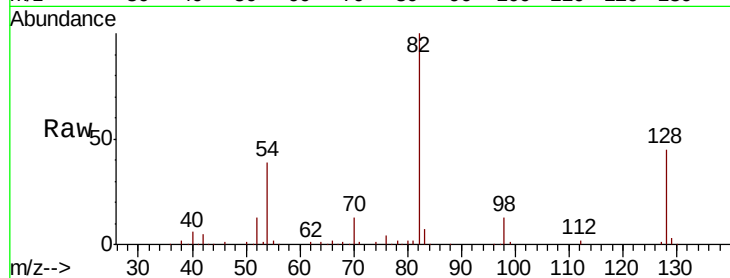
Tot Ion: 82 Resp: 158473

Ion Ratio Lower Upper

82 100

128 45.4 37.9 56.9

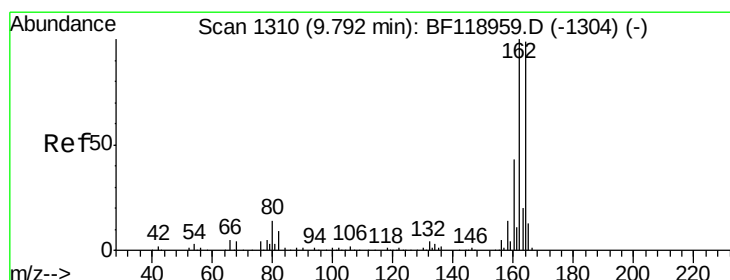
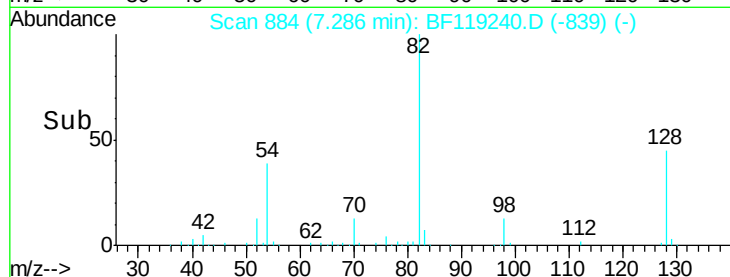
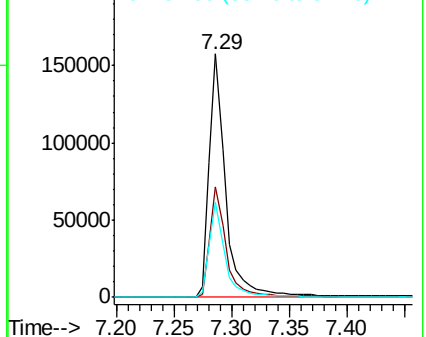
54 39.2 33.4 50.2



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. -0.03 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

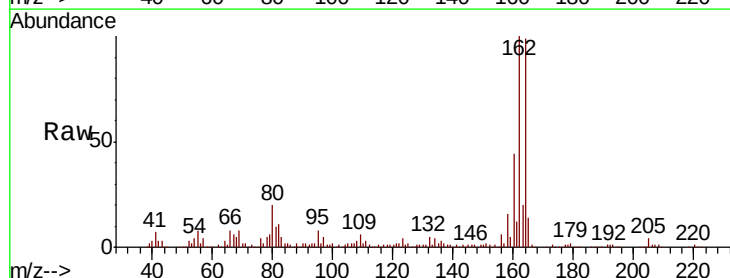
Tgt Ion:164 Resp: 264093

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.8

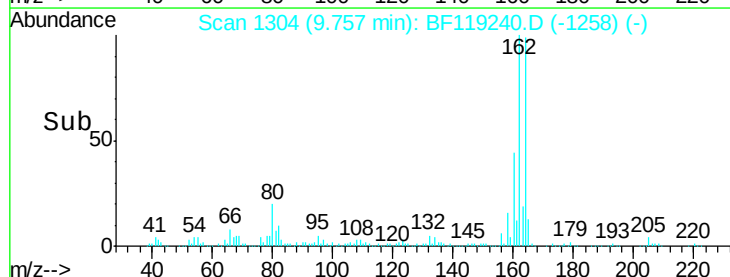
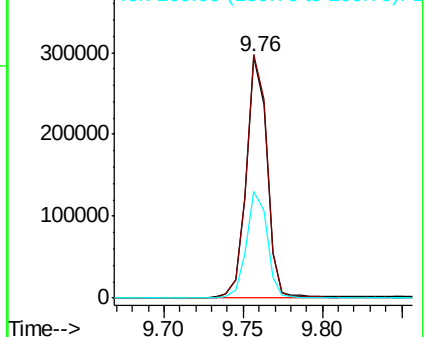
160 44.2 36.0 54.0

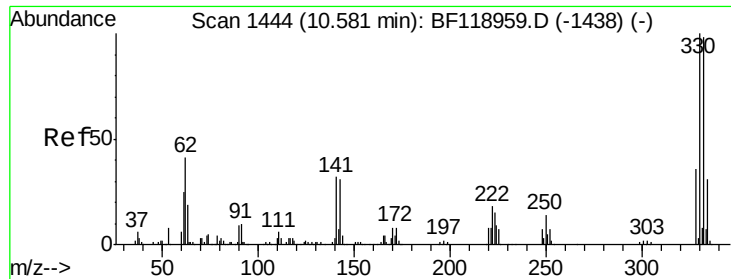


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 17.895 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

Instrument :

BNA_F

ClientSampleId :

PLANK-MANHOLE

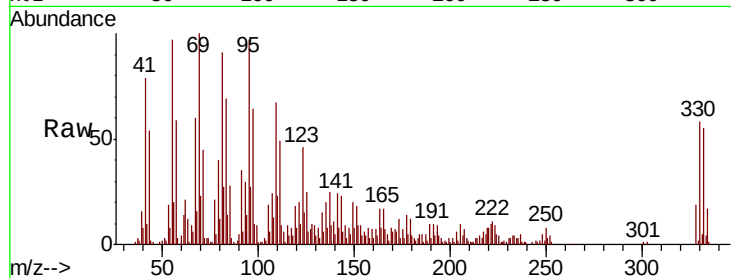
Tot Ion:330 Resp: 61823

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

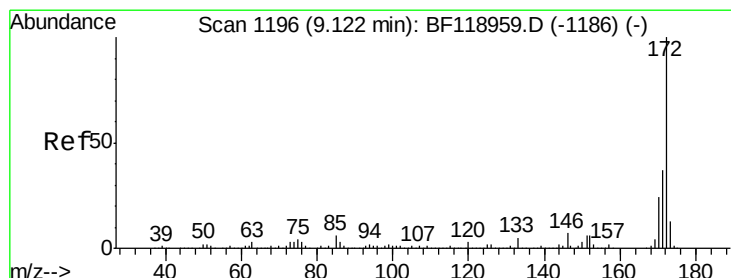
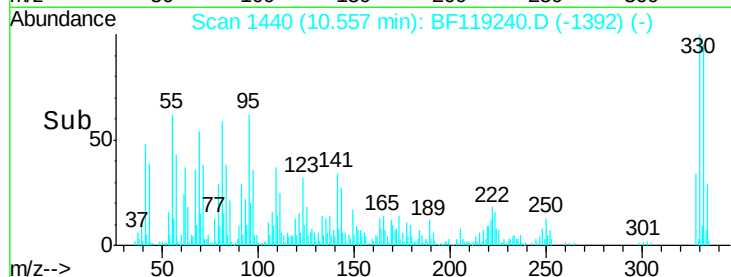
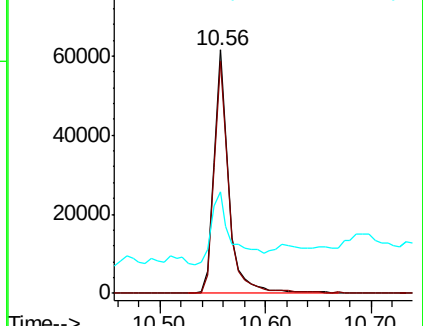
141 41.9 22.9 34.3#



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: 18.572 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

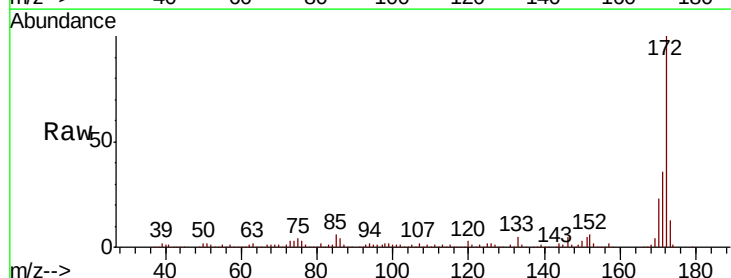
Tgt Ion:172 Resp: 332943

Ion Ratio Lower Upper

172 100

171 35.6 30.6 45.8

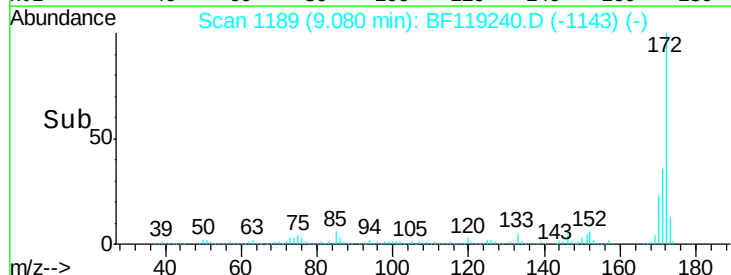
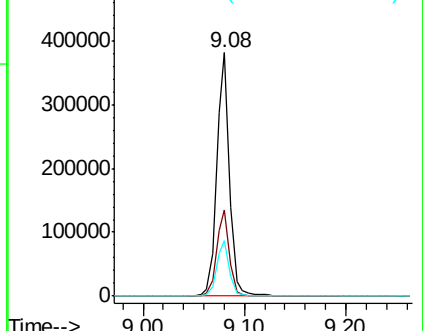
170 22.9 20.2 30.2

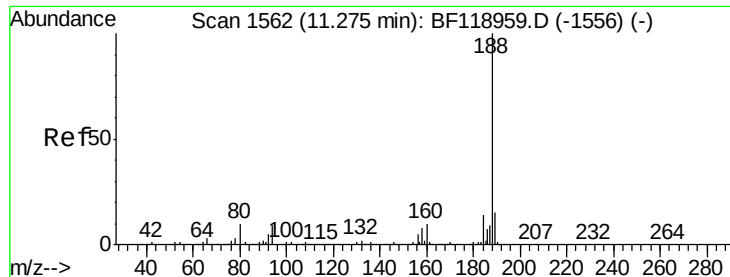


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

Instrument :

BNA_F

ClientSampleId :

PLANK-MANHOLE

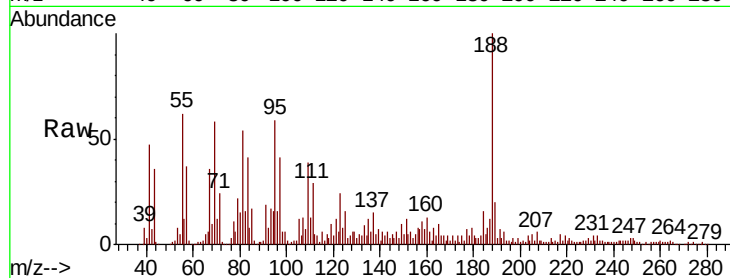
Tot Ion:188 Resp: 304496

Ion Ratio Lower Upper

188 100

94 16.3 7.1 10.7#

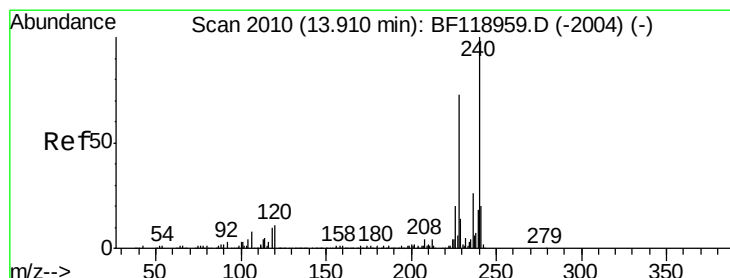
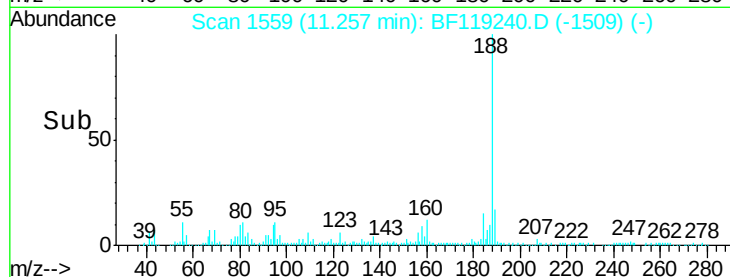
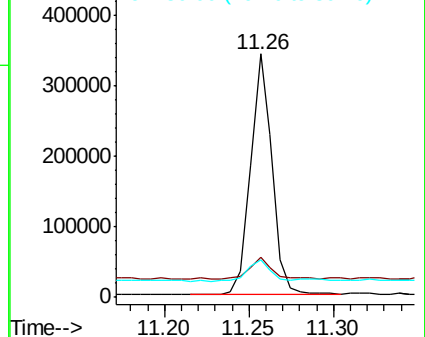
80 15.3 7.8 11.8#



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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

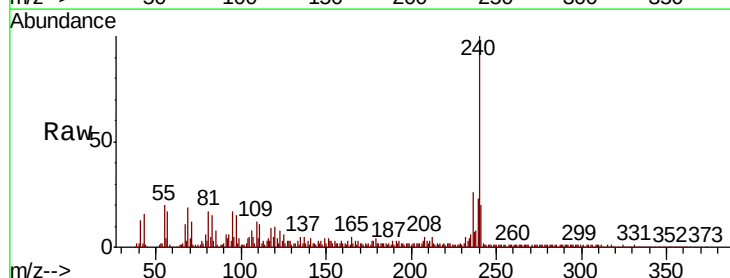
Tgt Ion:240 Resp: 250970

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

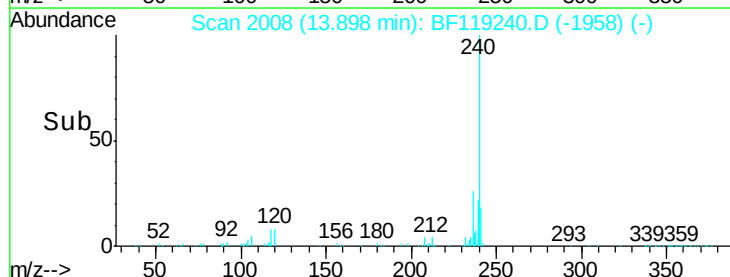
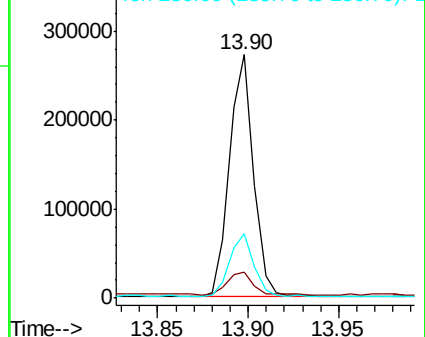
236 26.4 21.0 31.4

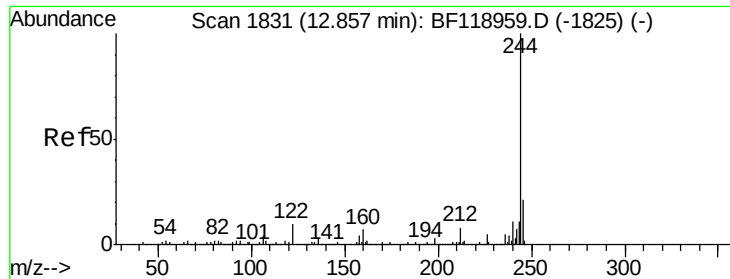


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 14.155 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

Instrument :

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ClientSampleId :

PLANK-MANHOLE

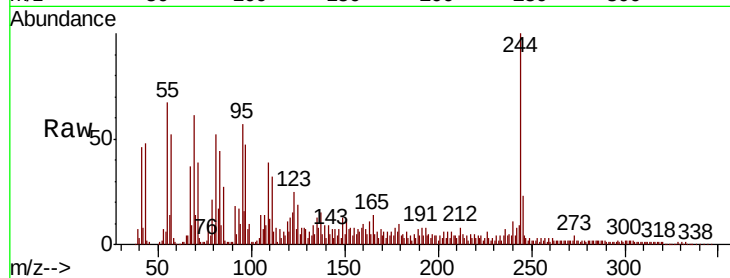
Tot Ion:244 Resp: 206337

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

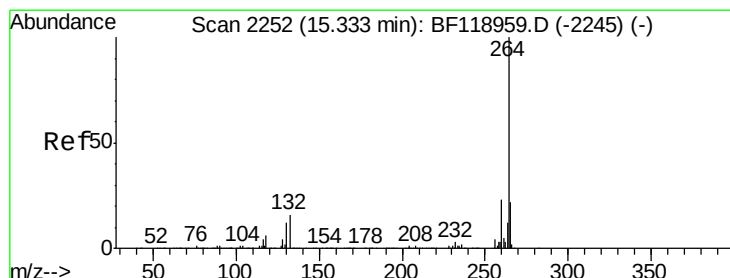
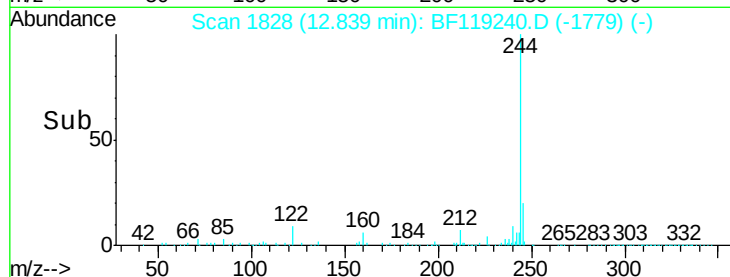
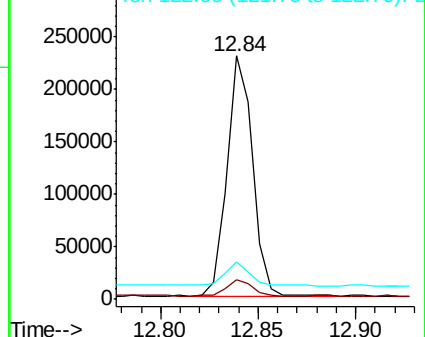
122 15.3 8.2 12.2#



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: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

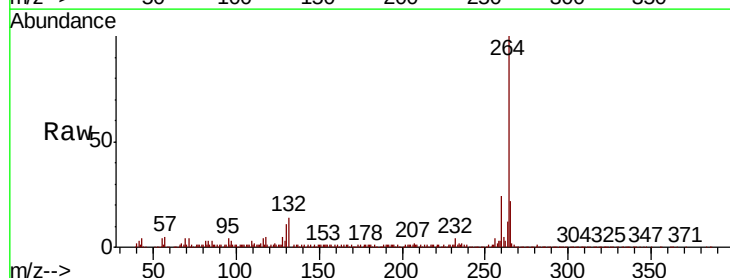
Tgt Ion:264 Resp: 316964

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.5 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

