

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119102.D
 Acq On : 27 Feb 2020 10:01
 Operator : CG/JU
 Sample : L1680-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WALL

Quant Time: Feb 28 03:09:07 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

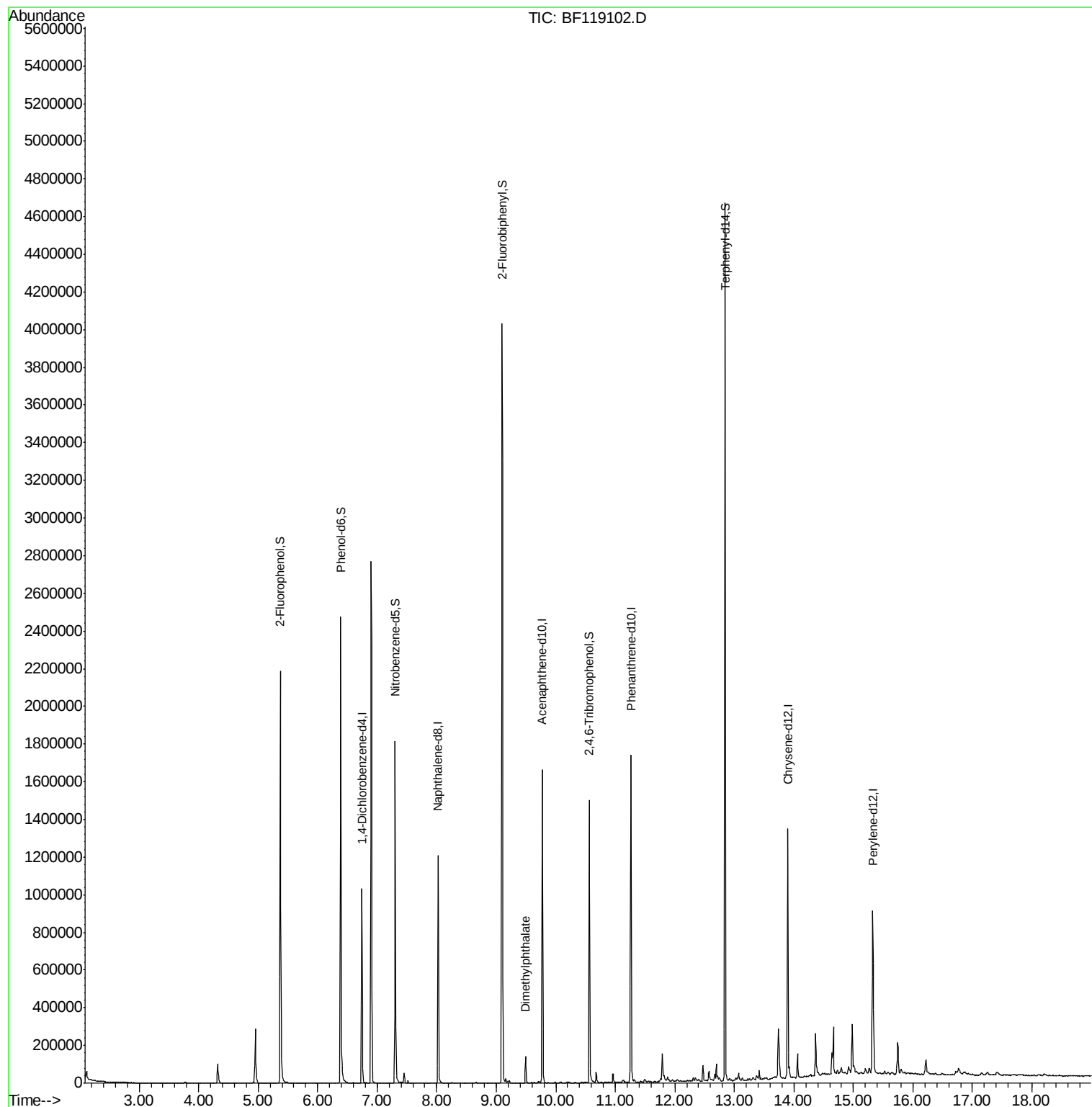
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	166551	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	632614	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	353714	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	657064	20.00	ng	0.00
76) Chrysene-d12	13.90	240	463538	20.00	ng	0.00
87) Perylene-d12	15.32	264	387896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	679210	68.15	ng	0.00
7) Phenol-d6	6.39	99	1005374	82.95	ng	-0.02
23) Nitrobenzene-d5	7.30	82	687753	57.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	197336	42.65	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1390208	57.90	ng	-0.01
79) Terphenyl-d14	12.84	244	1679136	62.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	59150	2.187	ng	Qvalue 100

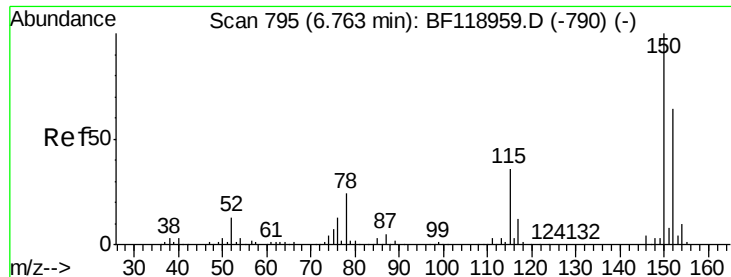
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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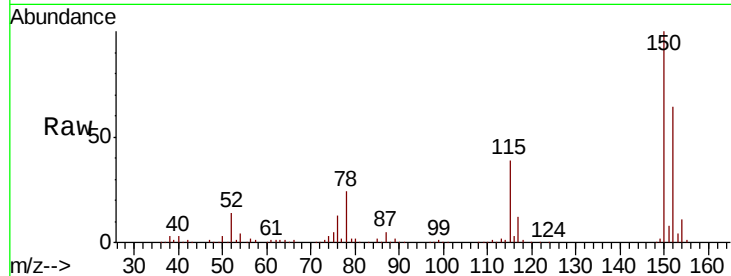


#1

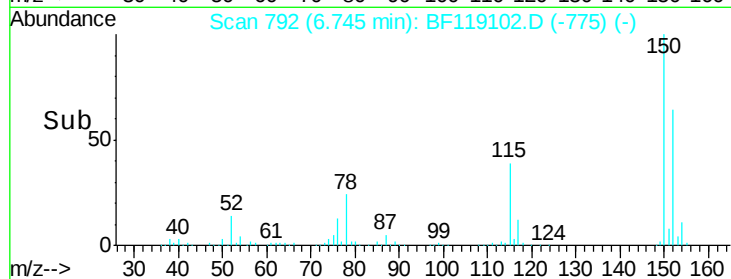
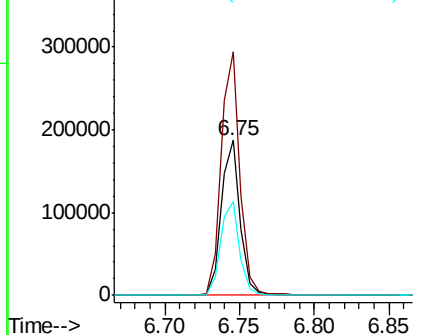
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF119102.D
 Acq: 27 Feb 2020 10:01

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WALL

Tot Ion:152 Resp: 166551
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.0 184.6
 115 60.5 49.5 74.3



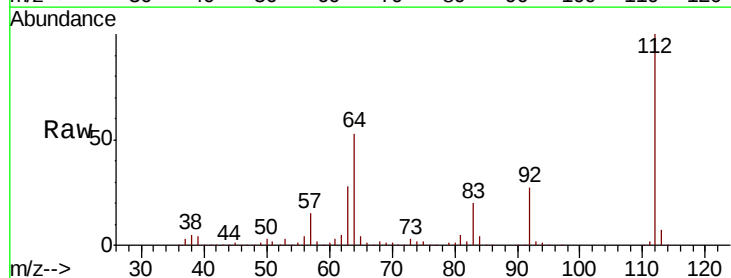
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



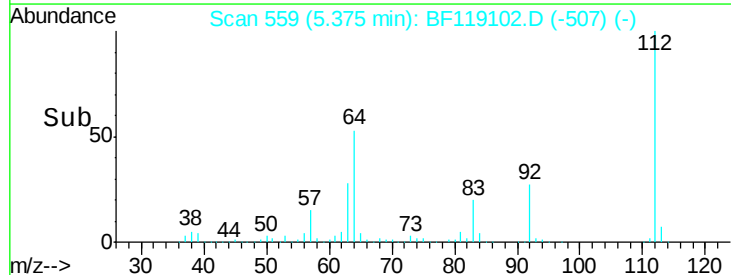
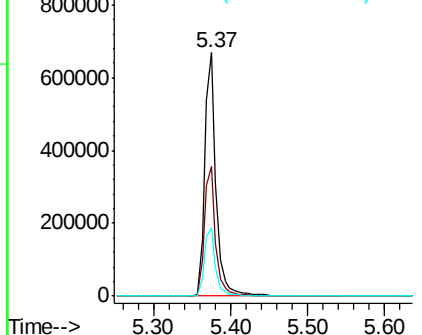
#5

2-Fluorophenol
 Concen: 68.152 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF119102.D
 Acq: 27 Feb 2020 10:01

Tgt Ion:112 Resp: 679210
 Ion Ratio Lower Upper
 112 100
 64 53.1 45.0 67.4
 63 27.9 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: 82.948 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WALL

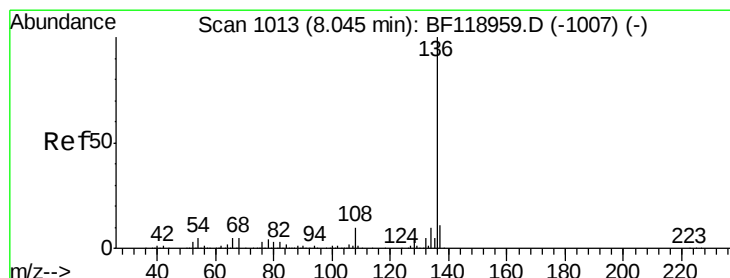
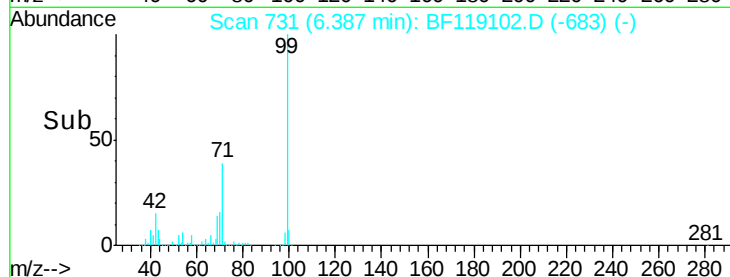
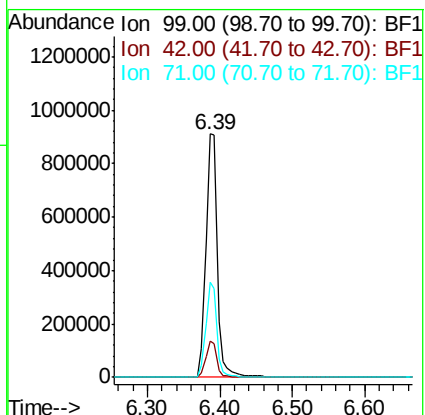
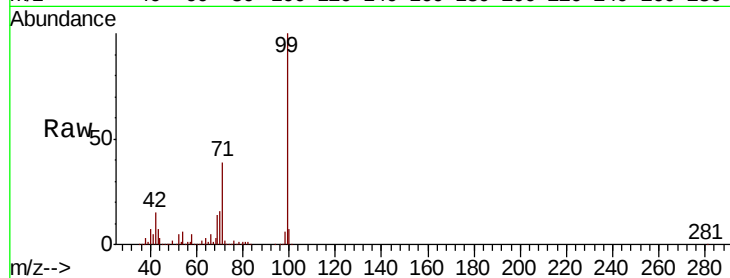
Tot Ion: 99 Resp: 1005374

Ion Ratio Lower Upper

99 100

42 15.1 12.6 18.8

71 39.0 31.0 46.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

Tgt Ion: 136 Resp: 632614

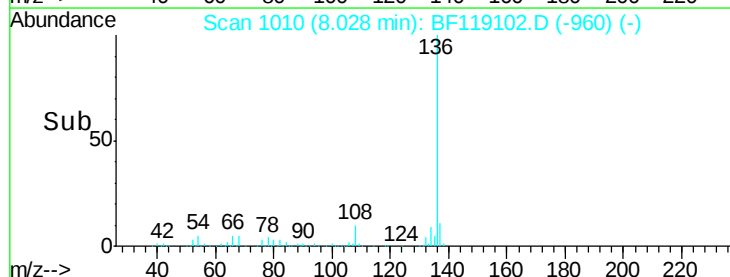
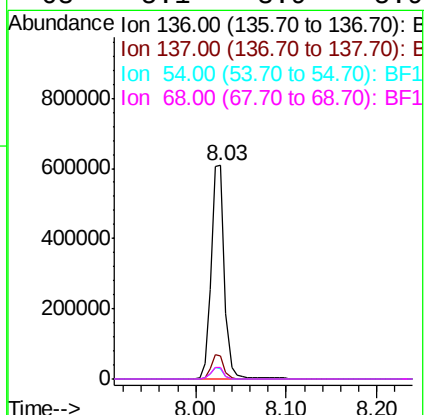
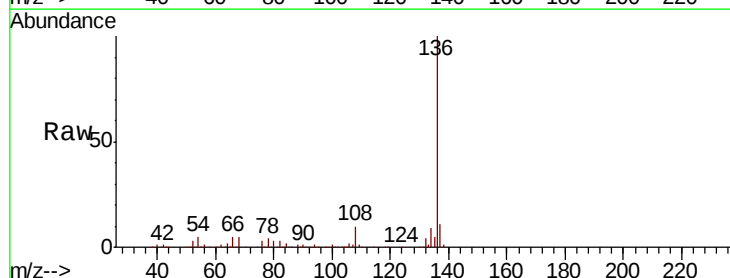
Ion Ratio Lower Upper

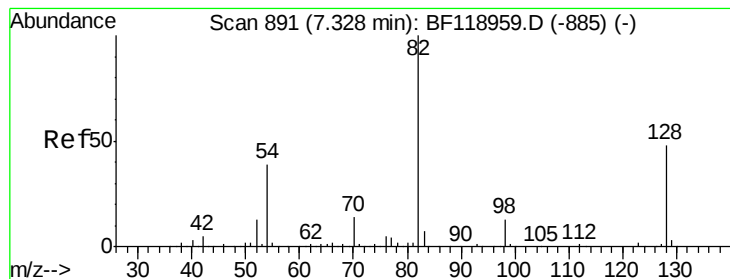
136 100

137 10.6 8.8 13.2

54 4.7 3.8 5.6

68 5.1 3.9 5.9





#23

Nitrobenzene-d5

Concen: 57.402 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WALL

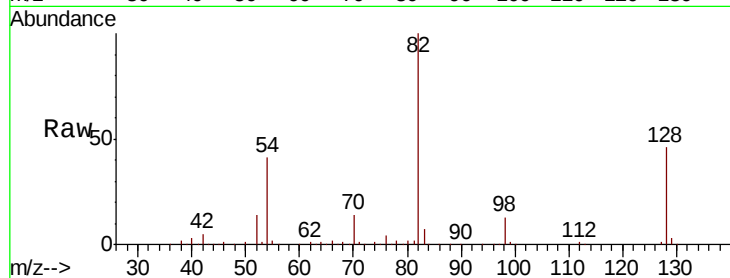
Tot Ion: 82 Resp: 687753

Ion Ratio Lower Upper

82 100

128 46.2 37.9 56.9

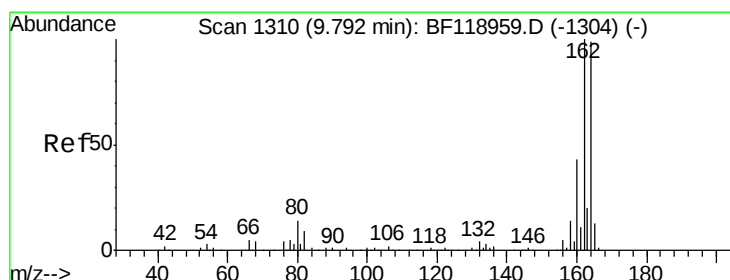
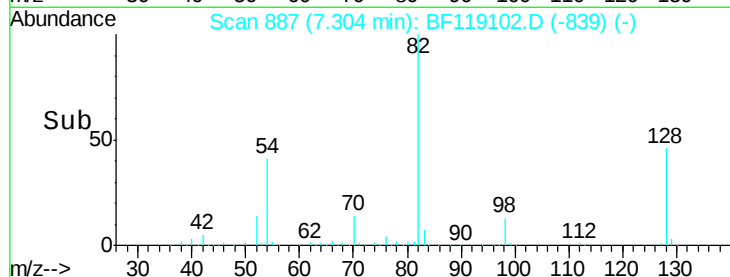
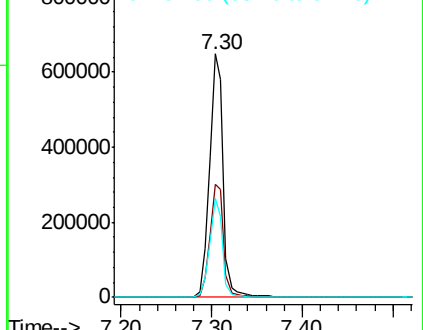
54 40.7 33.4 50.2



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

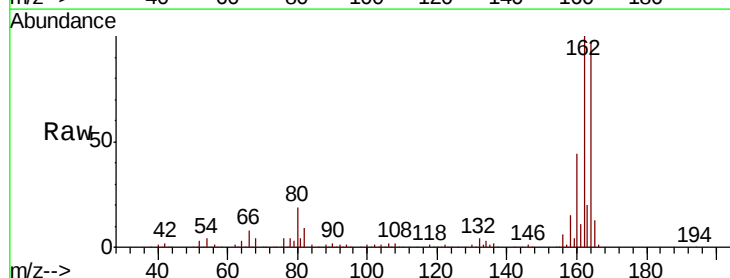
Tgt Ion:164 Resp: 353714

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.8

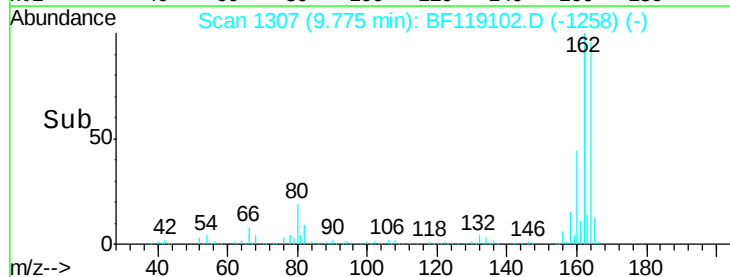
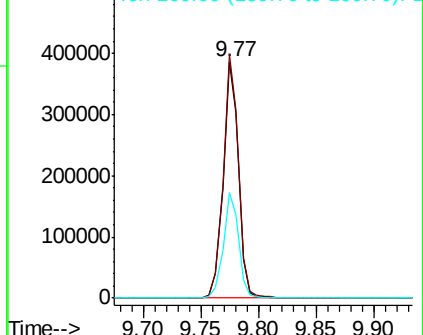
160 44.9 36.0 54.0



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: 42.647 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

Instrument :

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ClientSampleId :

CONCRETE-WALL

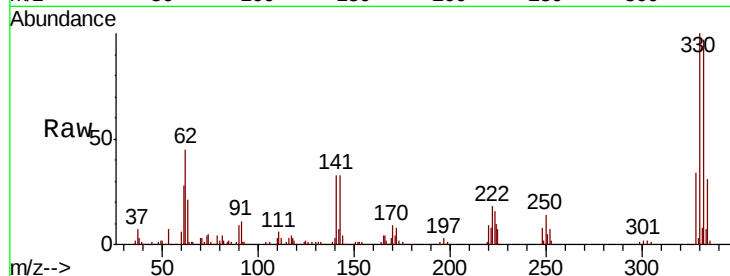
Tot Ion:330 Resp: 197336

Ion Ratio Lower Upper

330 100

332 97.7 76.0 114.0

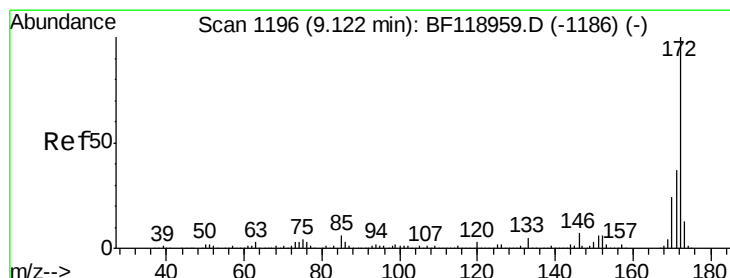
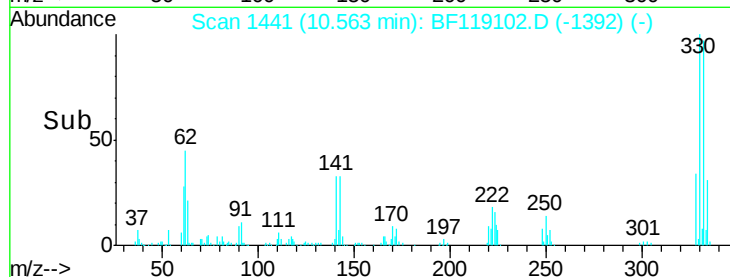
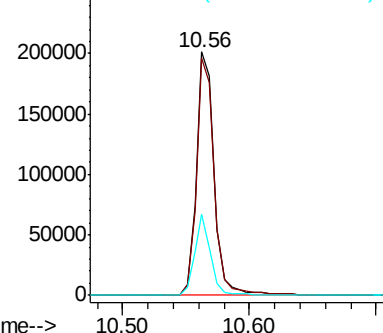
141 30.3 22.9 34.3



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: 57.900 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

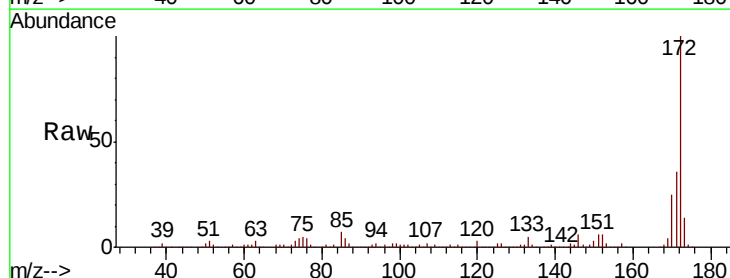
Tgt Ion:172 Resp: 1390208

Ion Ratio Lower Upper

172 100

171 36.5 30.6 45.8

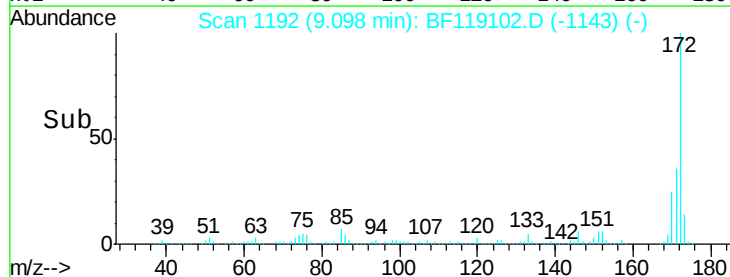
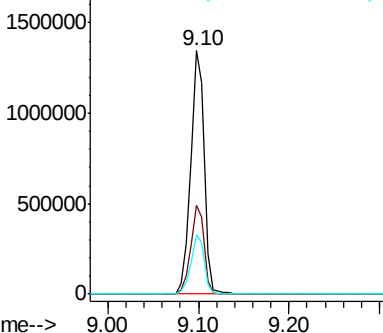
170 24.5 20.2 30.2



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





#50

Dimethylphthalate

Concen: 2.187 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

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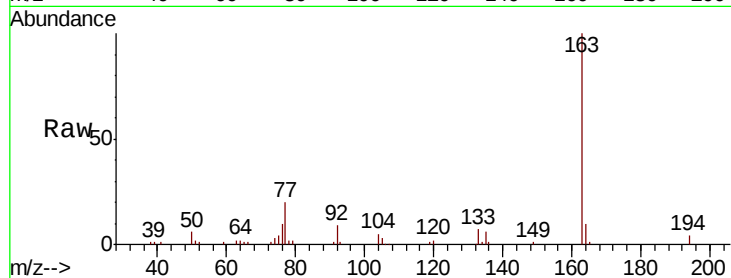
Tot Ion:163 Resp: 59150

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

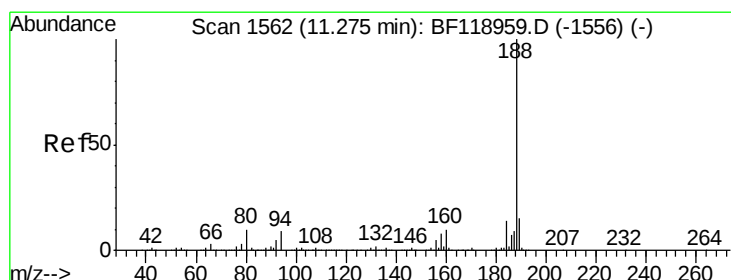
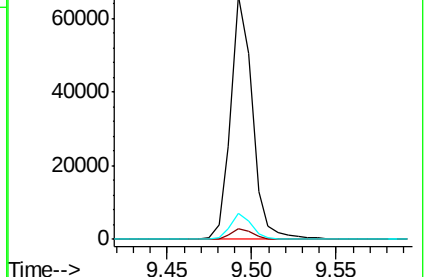
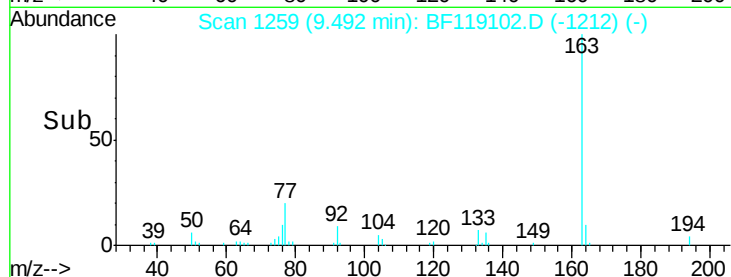
164 10.5 8.4 12.6



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: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

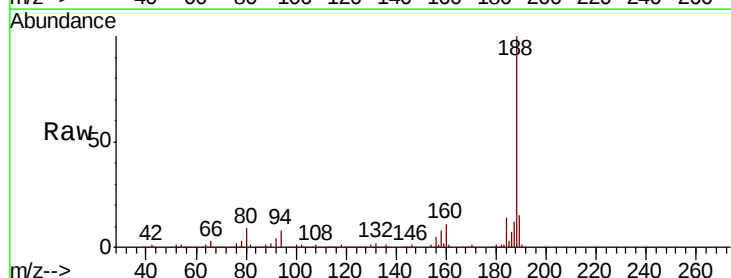
Tgt Ion:188 Resp: 657064

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

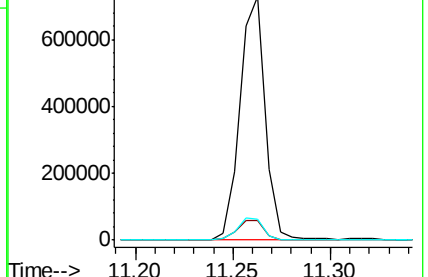
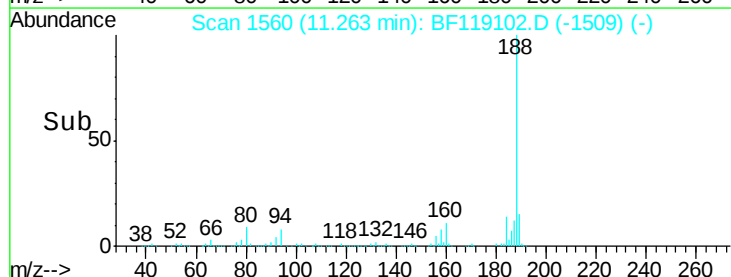
80 8.8 7.8 11.8

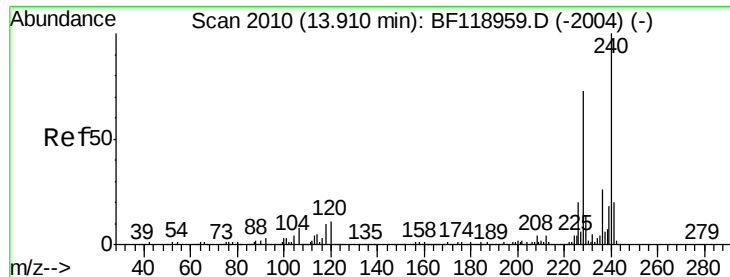


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF119102.D

Acq: 27 Feb 2020 10:01

Instrument :

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CONCRETE-WALL

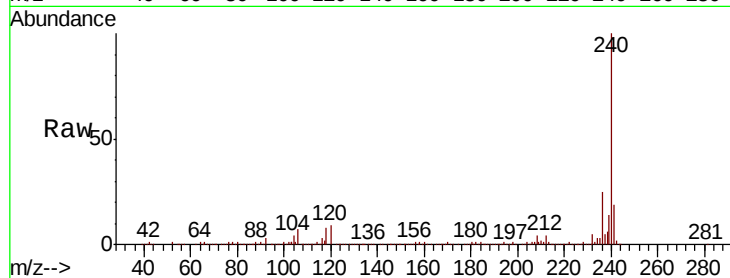
Tot Ion:240 Resp: 463538

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

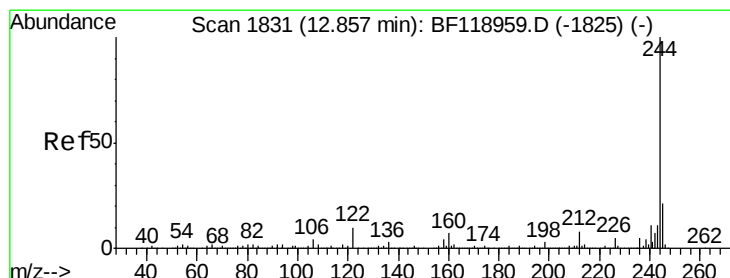
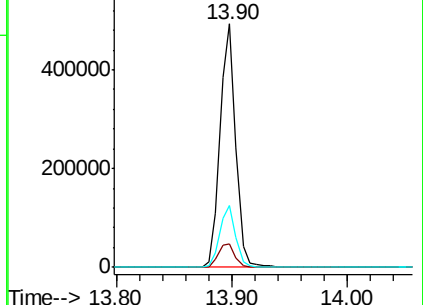
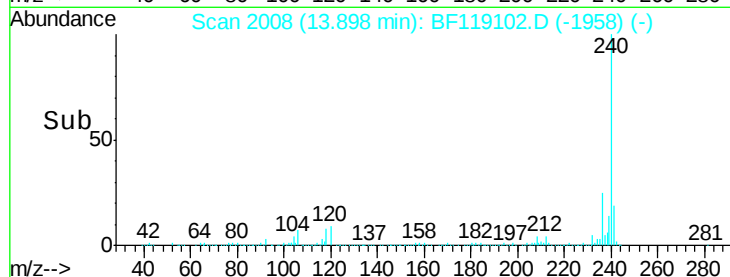
236 25.4 21.0 31.4



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: 62.367 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

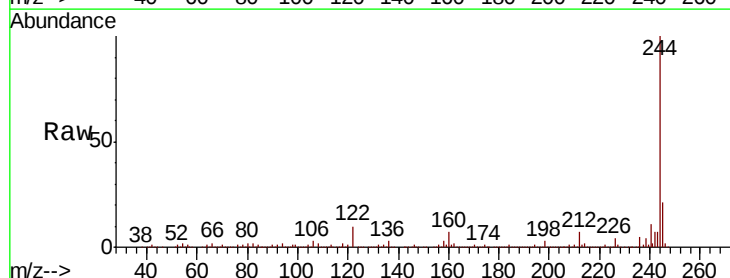
Tgt Ion:244 Resp: 1679136

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

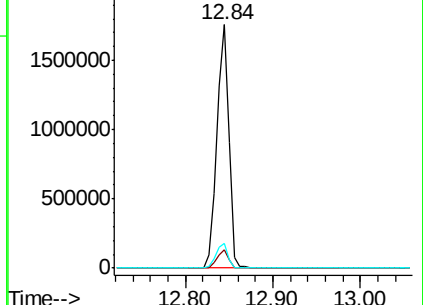
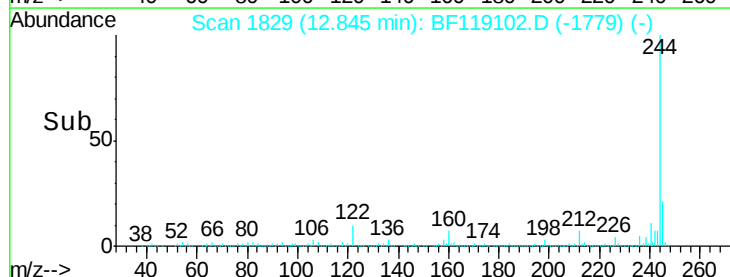
122 10.0 8.2 12.2

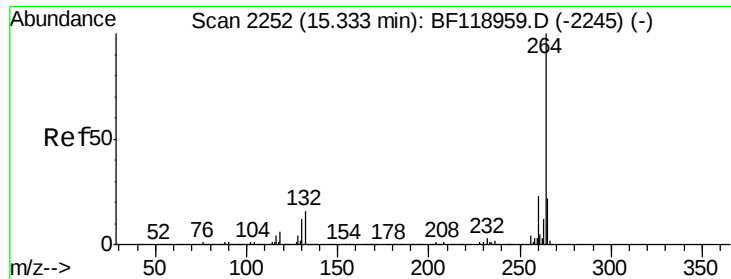


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

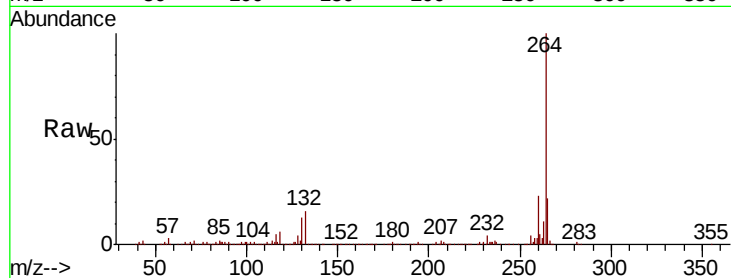




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119102.D
Acq: 27 Feb 2020 10:01

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WALL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	22.0	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

