

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119352.D
 Acq On : 11 Mar 2020 18:11
 Operator : CG/JU
 Sample : L1864-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WH-CONCRETE

Quant Time: Mar 11 18:42:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

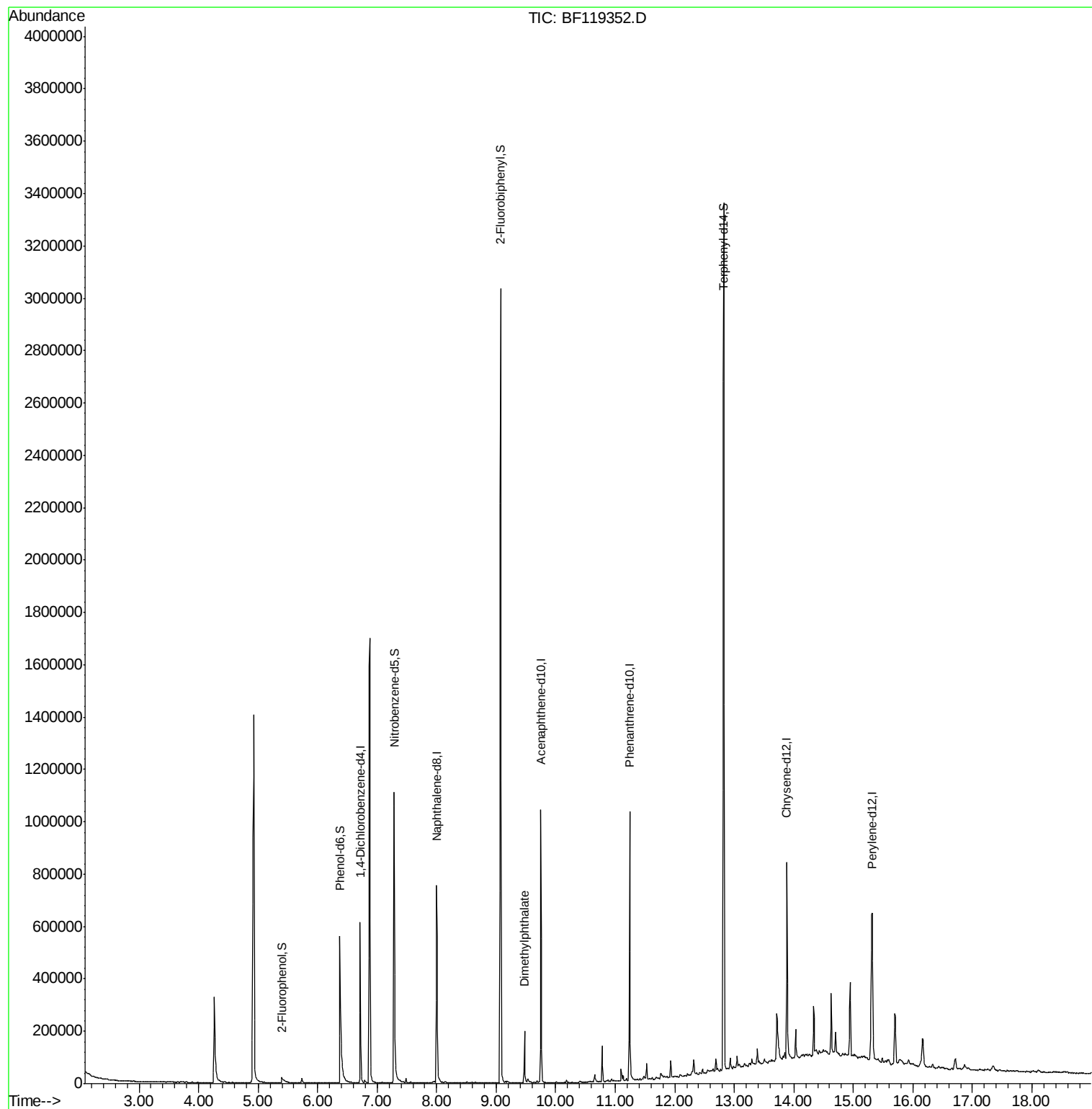
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	97086	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	377434	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	211490	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	396558	20.00	ng	0.00
76) Chrysene-d12	13.88	240	275920	20.00	ng	0.00
87) Perylene-d12	15.32	264	270094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	24182	4.16	ng	0.05
7) Phenol-d6	6.37	99	317325	44.91	ng	0.00
23) Nitrobenzene-d5	7.29	82	449381	62.86	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.07	172	920447	64.12	ng	-0.01
79) Terphenyl-d14	12.82	244	1190975	74.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	95892	5.929	ng	Qvalue 100

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

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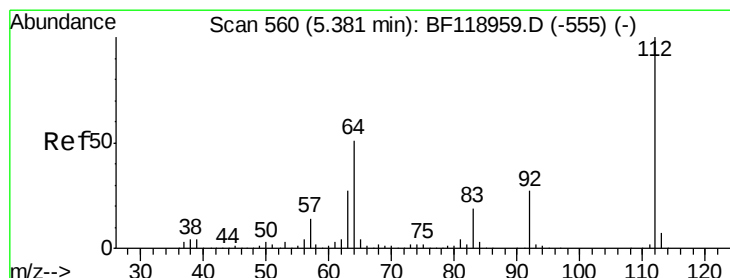
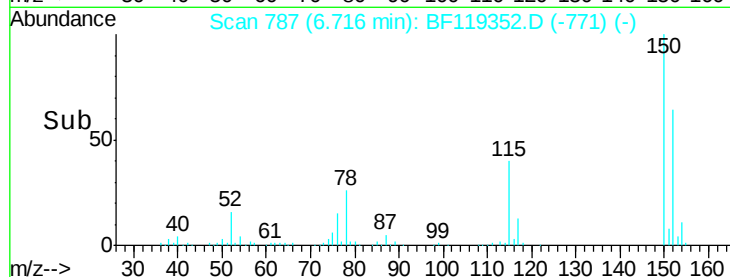
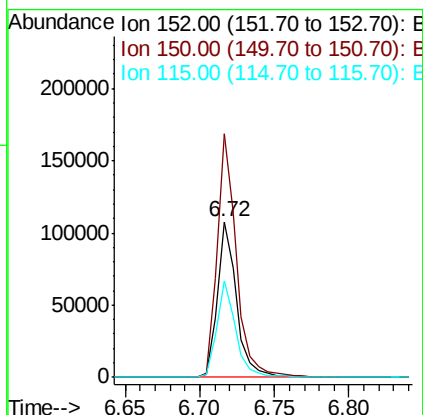
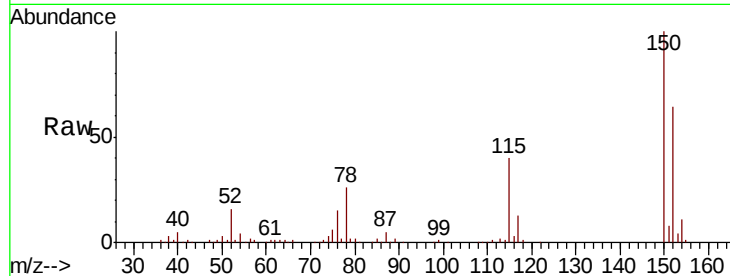


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119352.D
Acq: 11 Mar 2020 18:11

Instrument :
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ClientSampleId :
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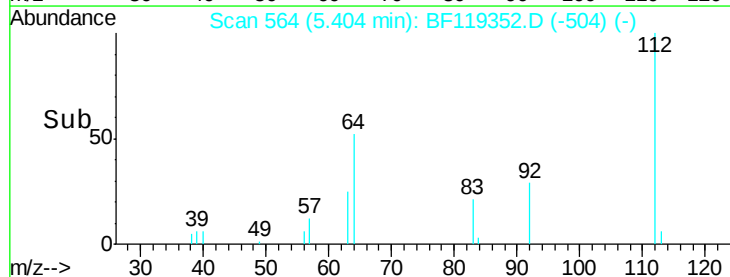
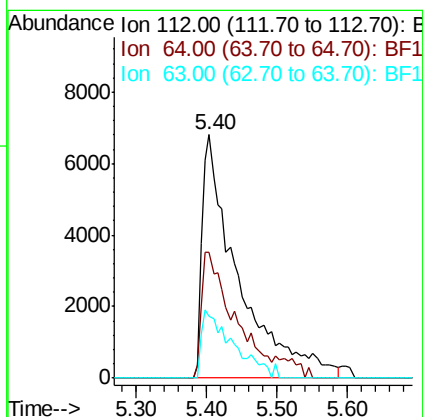
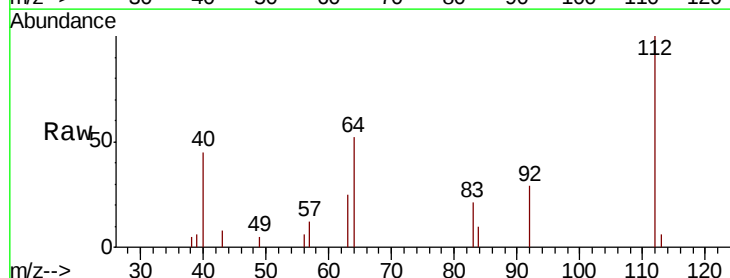
Tot Ion:152 Resp: 97086
Ion Ratio Lower Upper
152 100
150 156.3 123.0 184.6
115 61.8 49.5 74.3



#5

2-Fluorophenol
Concen: 4.163 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.05 min
Lab File: BF119352.D
Acq: 11 Mar 2020 18:11

Tgt Ion:112 Resp: 24182
Ion Ratio Lower Upper
112 100
64 51.8 45.0 67.4
63 25.4 24.2 36.4





#7

Phenol-d6

Concen: 44.913 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119352.D

Acq: 11 Mar 2020 18:11

Instrument :

BNA_F

ClientSampleId :

WH-CONCRETE

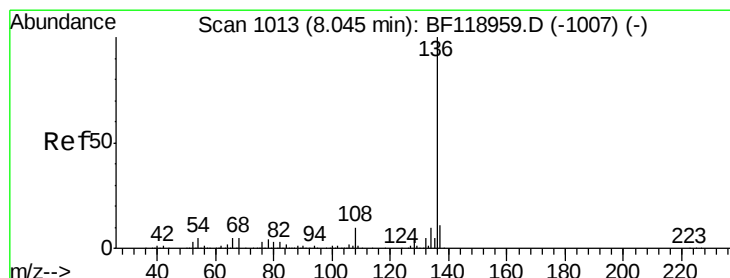
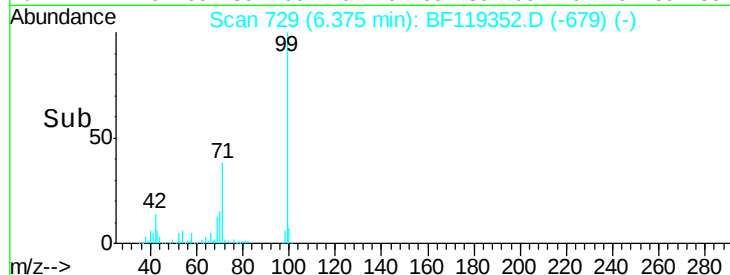
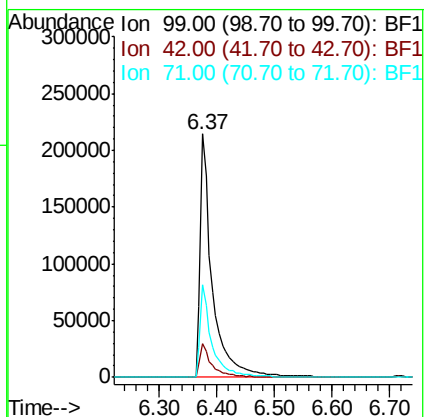
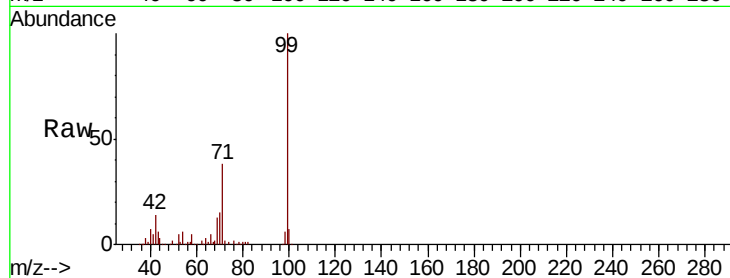
Tot Ion: 99 Resp: 317325

Ion Ratio Lower Upper

99 100

42 13.8 12.6 18.8

71 37.9 31.0 46.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119352.D

Acq: 11 Mar 2020 18:11

Tgt Ion: 136 Resp: 377434

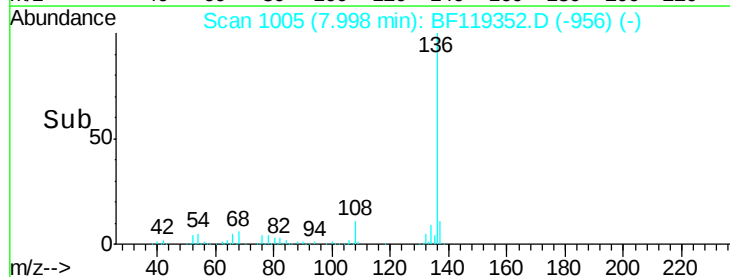
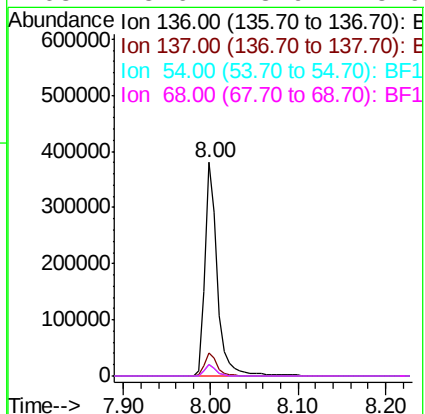
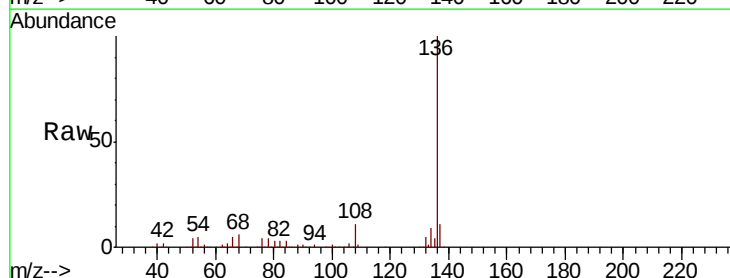
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.4 3.8 5.6

68 5.6 3.9 5.9

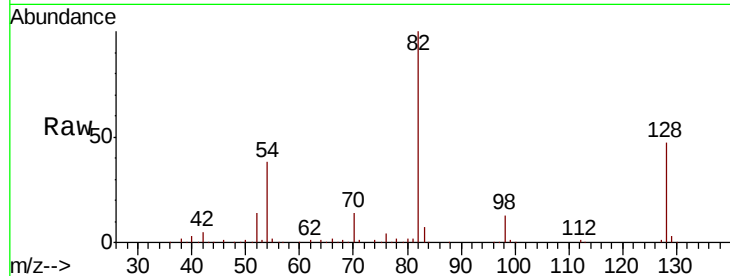




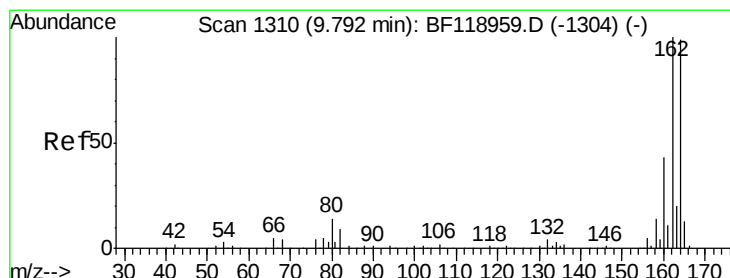
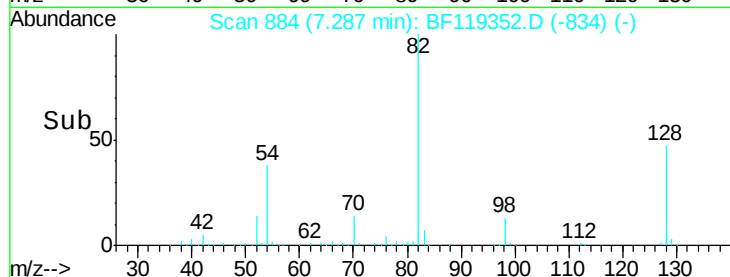
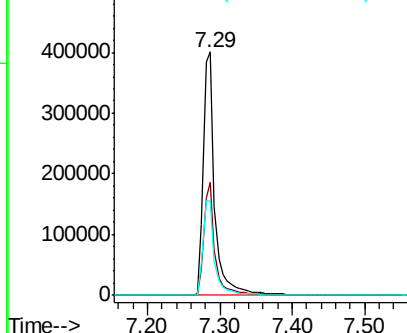
#23
Nitrobenzene-d5
Concen: 62.865 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119352.D
Acq: 11 Mar 2020 18:11

Instrument :
BNA_F
ClientSampleId :
WH-CONCRETE

Tot Ion: 82 Resp: 449381
Ion Ratio Lower Upper
82 100
128 46.7 37.9 56.9
54 38.4 33.4 50.2

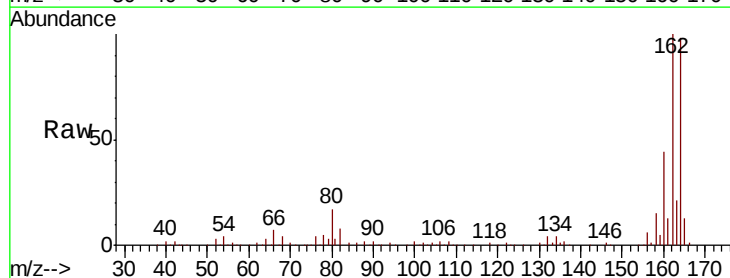


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

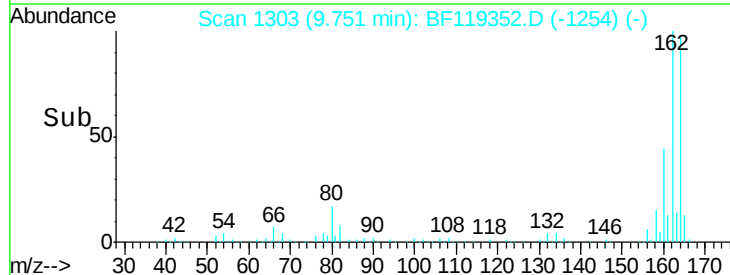
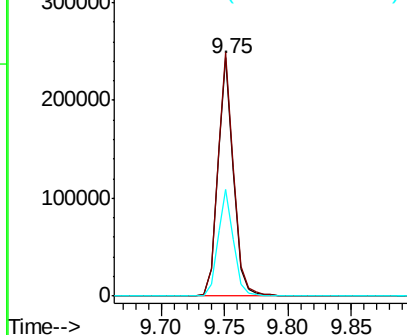


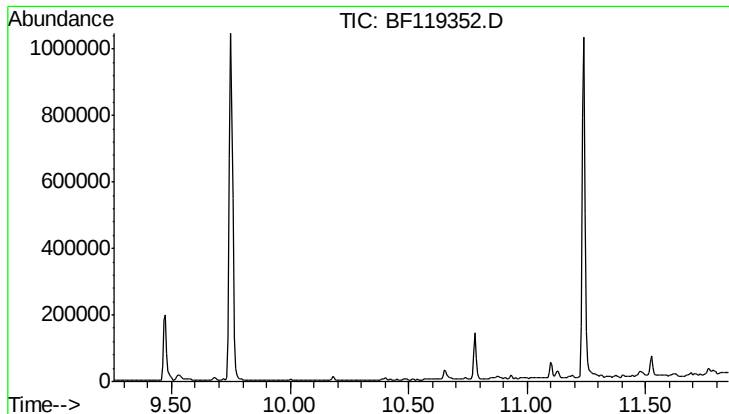
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119352.D
Acq: 11 Mar 2020 18:11

Tgt Ion:164 Resp: 211490
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.8
160 44.9 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

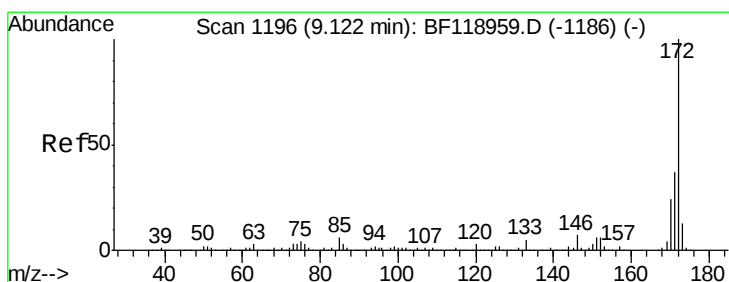
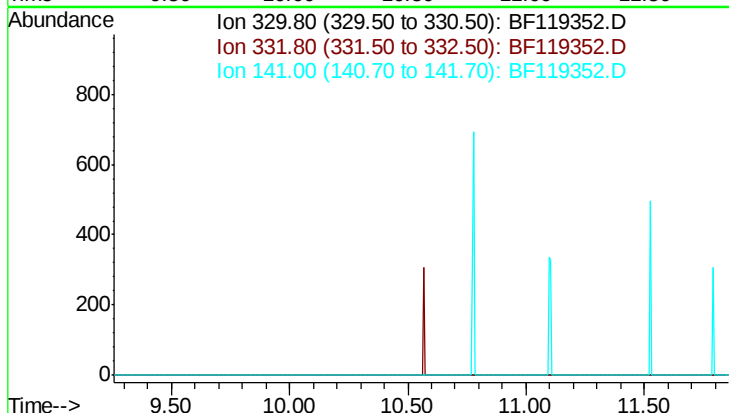




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.56 min
 Lab File: BF119352.D
 Acq: 11 Mar 2020 18:11

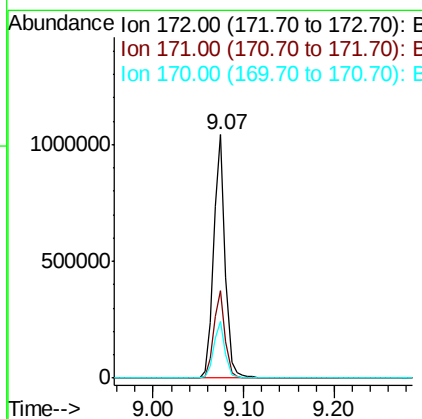
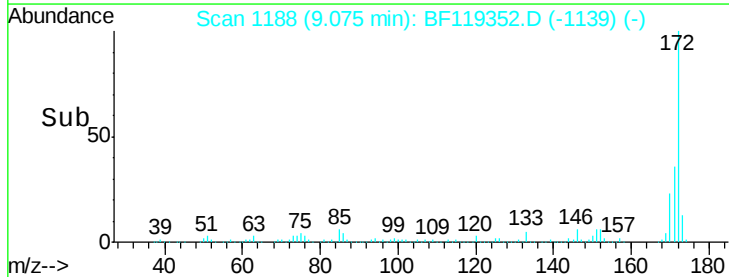
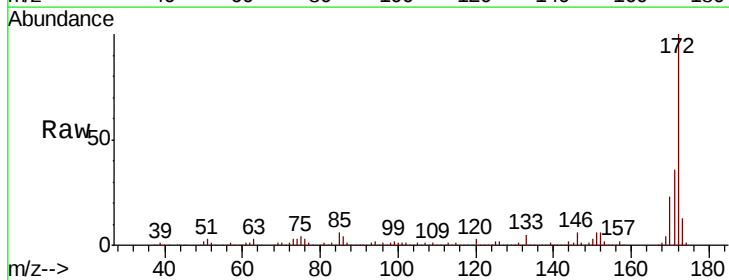
Instrument :
 BNA_F
 ClientSampleId :
 WH-CONCRETE

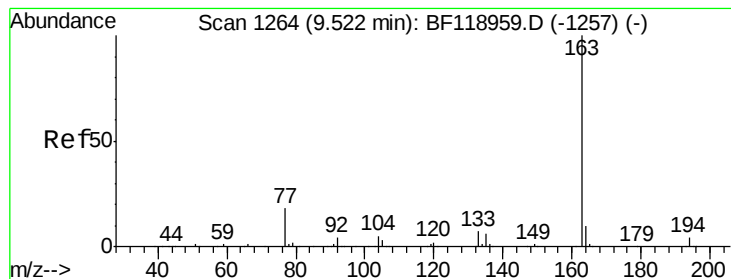
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.0
 141 28.6



#45
 2-Fluorobiphenyl
 Concen: 64.115 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF119352.D
 Acq: 11 Mar 2020 18:11

Tgt Ion: 172 Resp: 920447
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.6 45.8
 170 23.5 20.2 30.2





#50

Dimethylphthalate

Concen: 5.929 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119352.D

Acq: 11 Mar 2020 18:11

Instrument :

BNA_F

ClientSampleId :

WH-CONCRETE

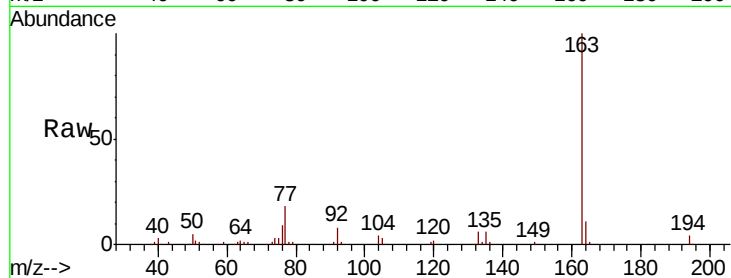
Tot Ion:163 Resp: 95892

Ion Ratio Lower Upper

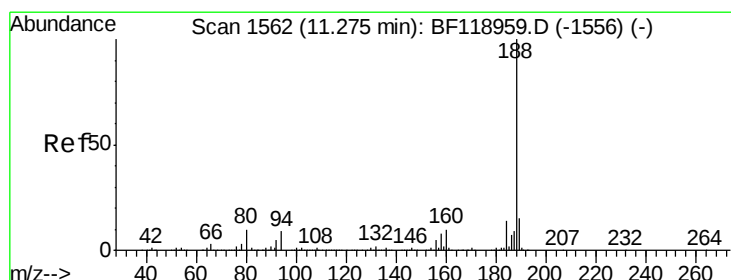
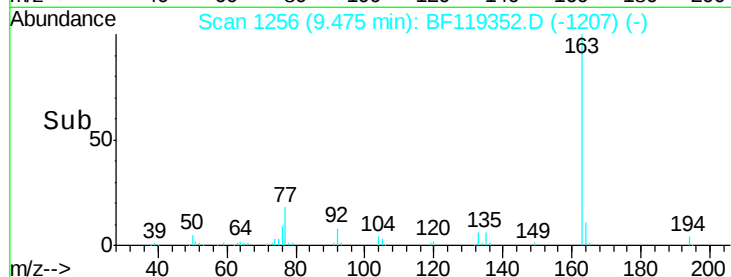
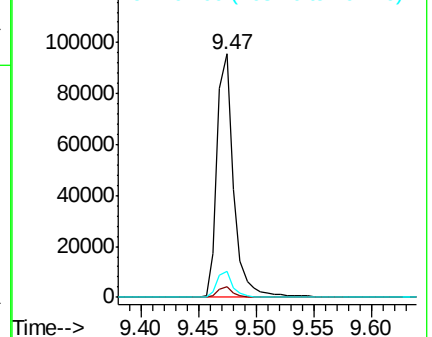
163 100

194 4.3 3.5 5.3

164 10.6 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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119352.D

Acq: 11 Mar 2020 18:11

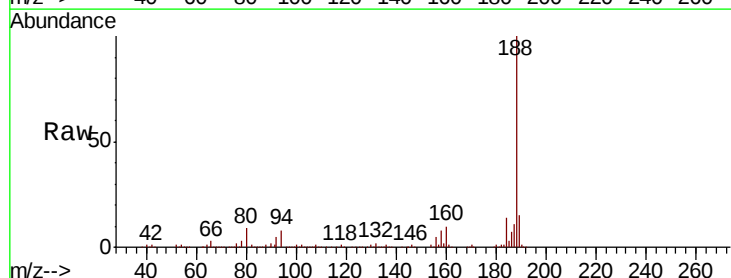
Tgt Ion:188 Resp: 396558

Ion Ratio Lower Upper

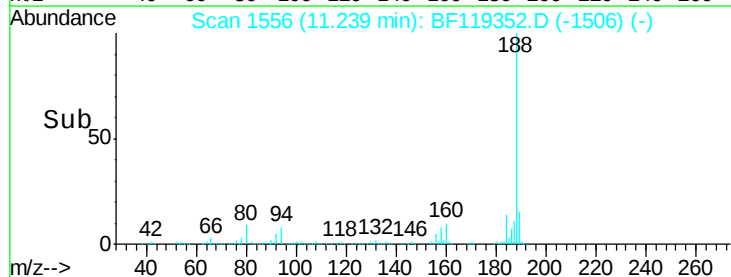
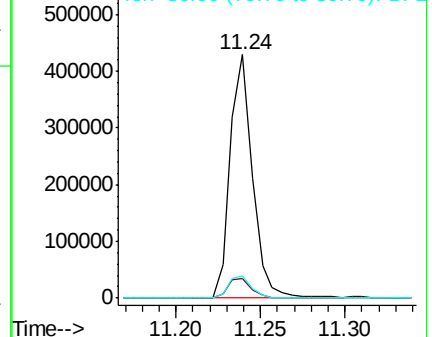
188 100

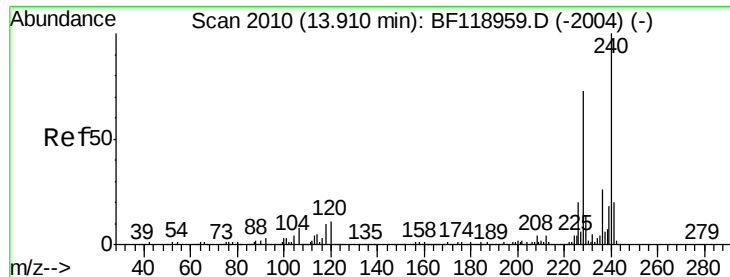
94 7.9 7.1 10.7

80 9.3 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

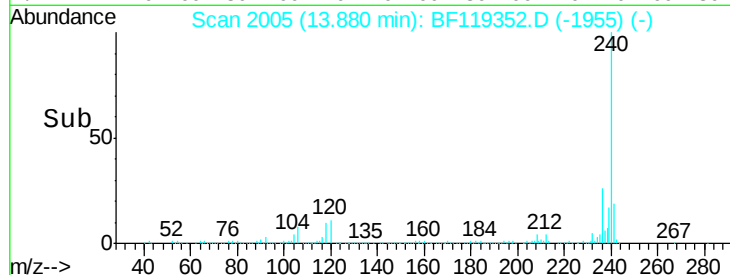
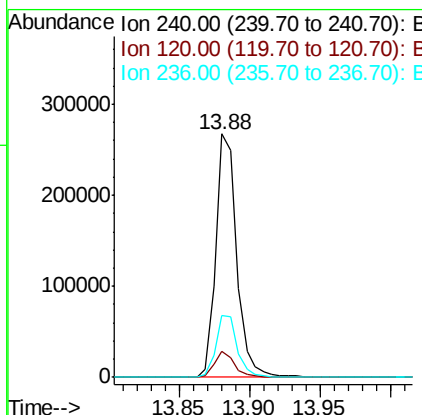
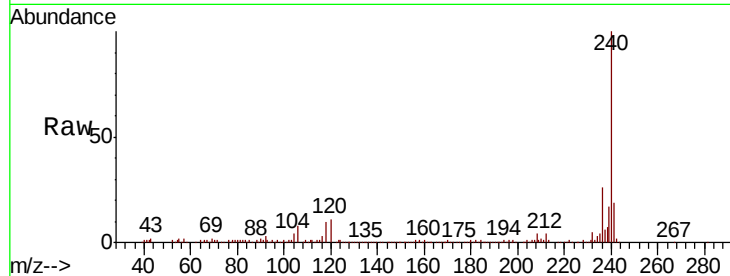




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119352.D
 Acq: 11 Mar 2020 18:11

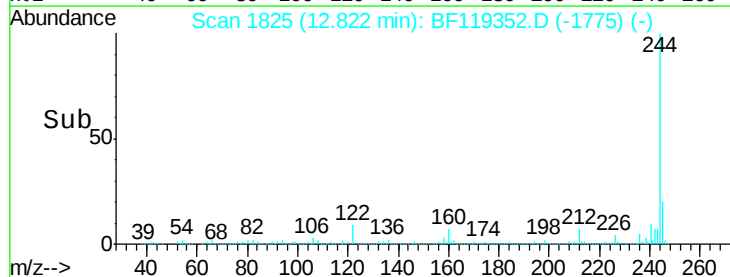
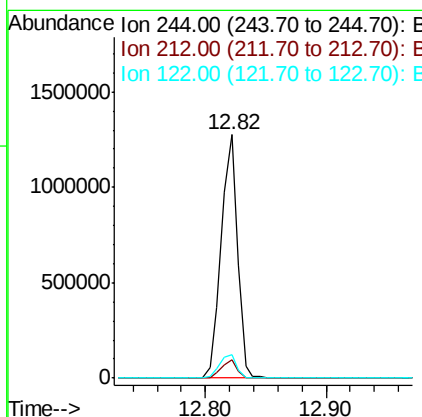
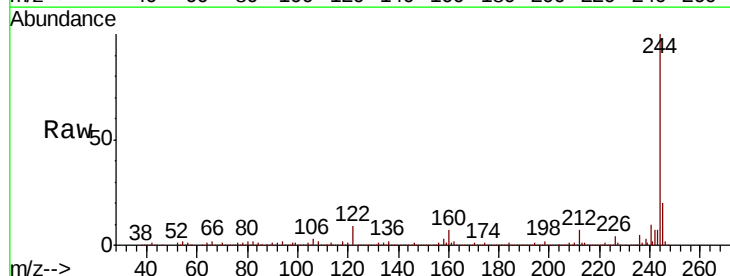
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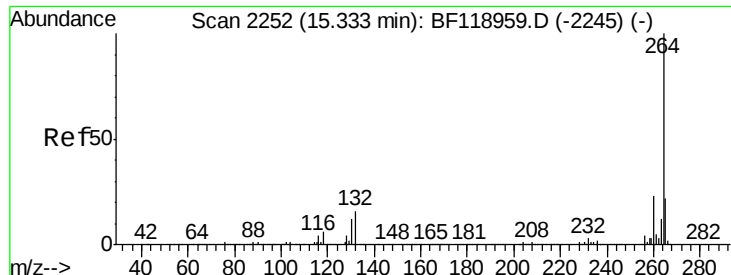
Tot Ion:240 Resp: 275920
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.4 12.6
 236 25.5 21.0 31.4



#79
 Terphenyl-d14
 Concen: 74.314 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119352.D
 Acq: 11 Mar 2020 18:11

Tgt Ion:244 Resp: 1190975
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.6 10.0
 122 9.4 8.2 12.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF119352.D
 Acq: 11 Mar 2020 18:11

Instrument :
 BNA_F
 ClientSampleId :
 WH-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.5	17.7	26.5

