

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 18:40:24 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

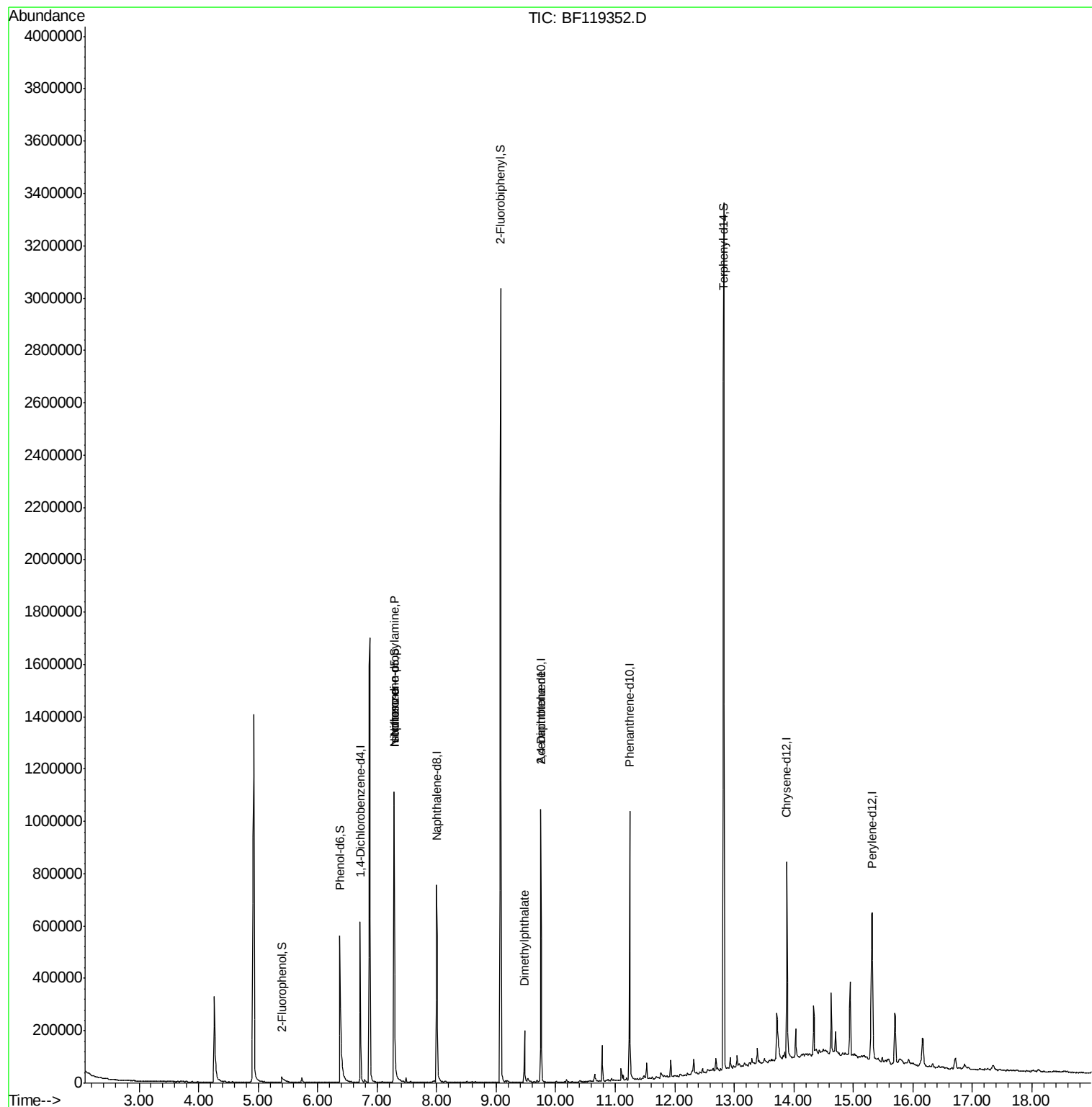
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	97086	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	377434	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	211490	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	396558	20.00	ng	0.00
76) Chrysene-d12	13.88	240	275920	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						
19) n-Nitroso-di-n-propylamine	7.29	70	61518	14.943	ng	# 73
25) Isophorone	7.29	82	449381	36.198	ng	# 63
50) Dimethylphthalate	9.47	163	95892	5.929	ng	100
57) 2,4-Dinitrotoluene	9.75	165	26922	5.781	ng	# 21

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

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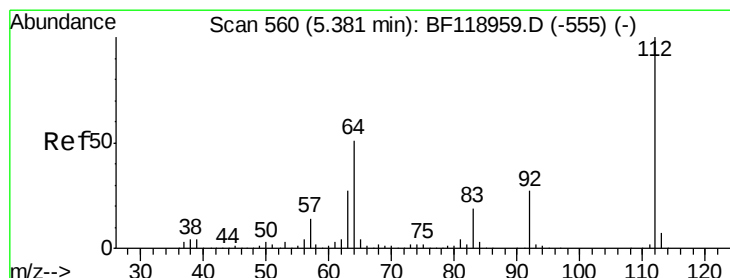
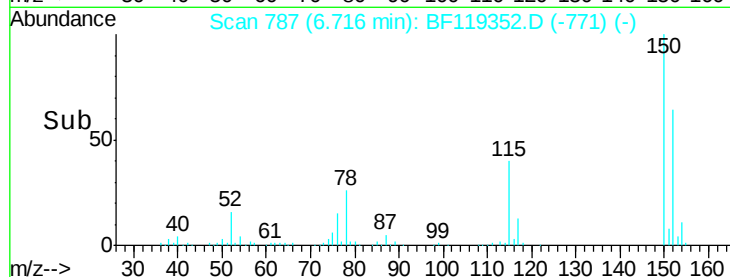
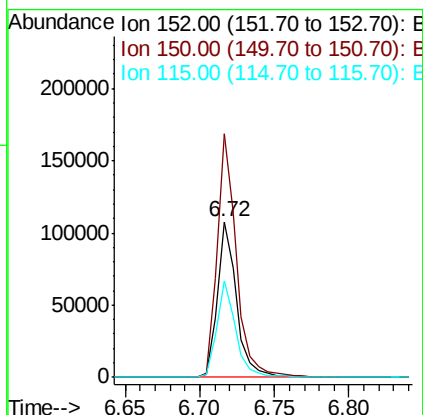
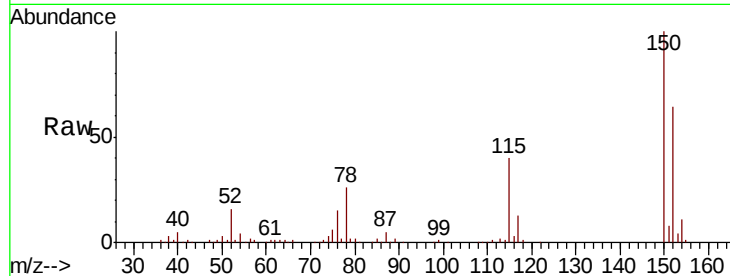


#1

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 :
BNA_F
ClientSampleId :
WH-CONCRETE

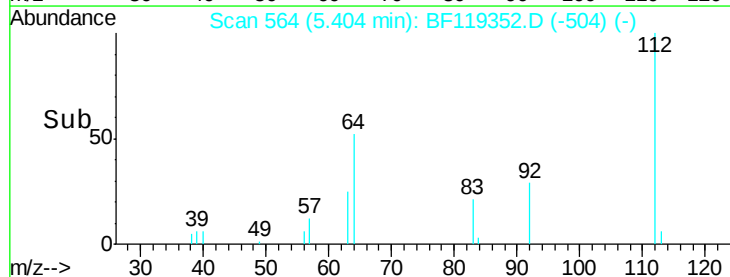
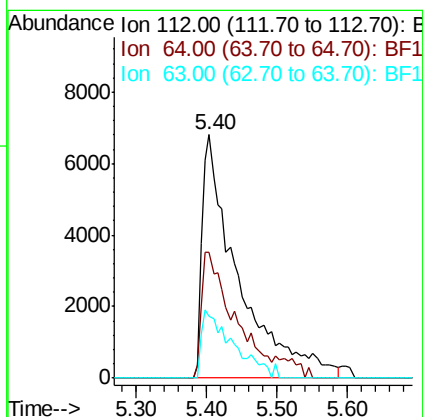
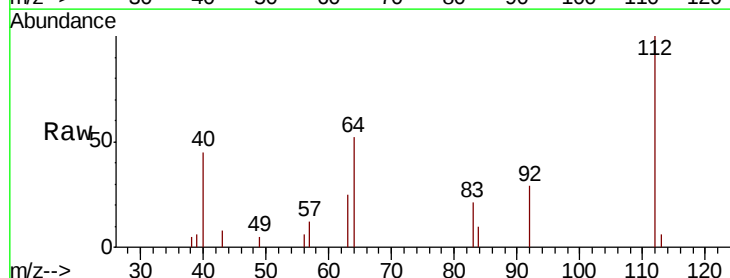
Tot Ion:152 Resp: 97086
Ion Ratio Lower Upper
152 100
150 156.3 123.0 184.6
115 61.8 49.5 74.3



#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

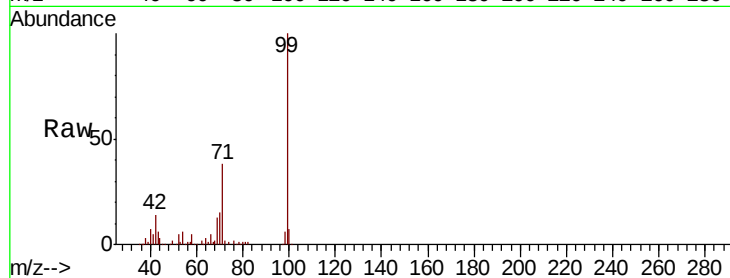
Tot Ion: 99 Resp: 317325

Ion Ratio Lower Upper

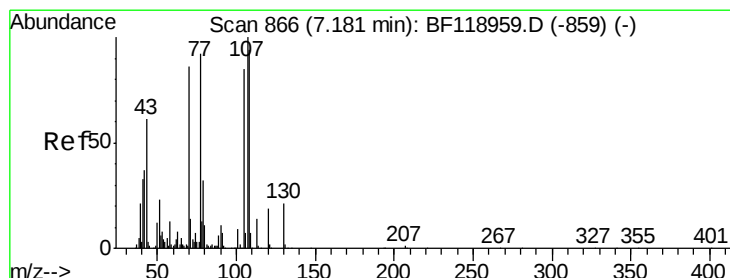
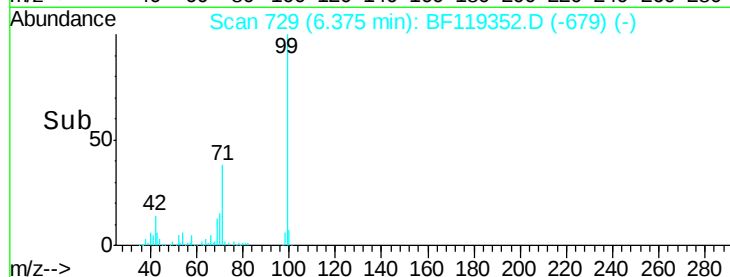
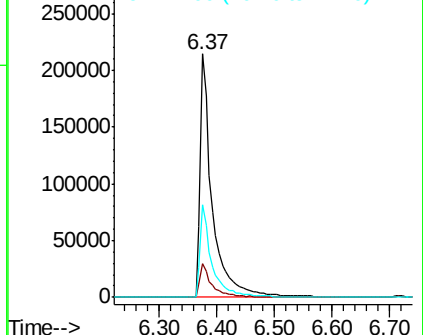
99 100

42 13.8 12.6 18.8

71 37.9 31.0 46.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.943 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119352.D

Acq: 11 Mar 2020 18:11

Tgt Ion: 70 Resp: 61518

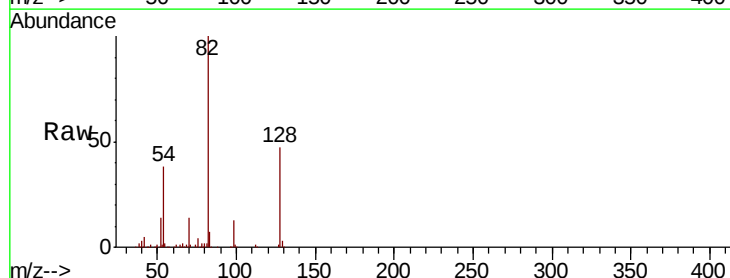
Ion Ratio Lower Upper

70 100

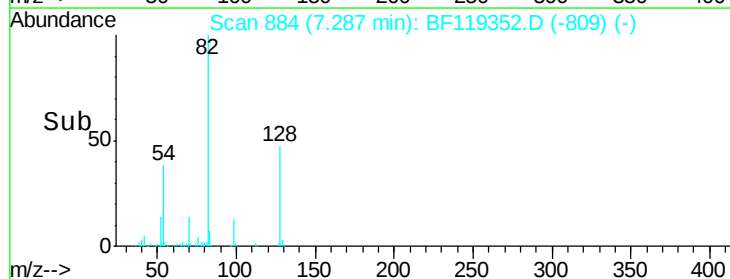
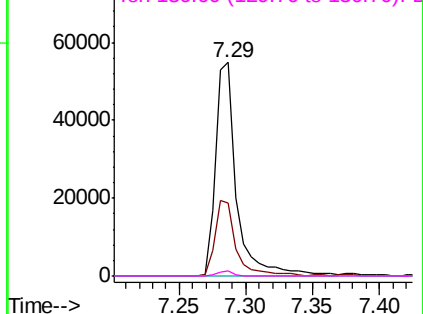
42 34.3 38.0 57.0#

101 0.0 8.2 12.4#

130 2.2 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

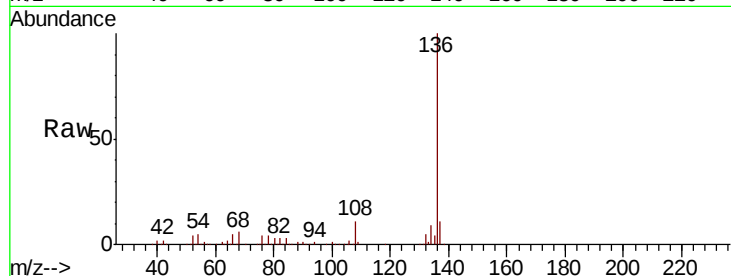




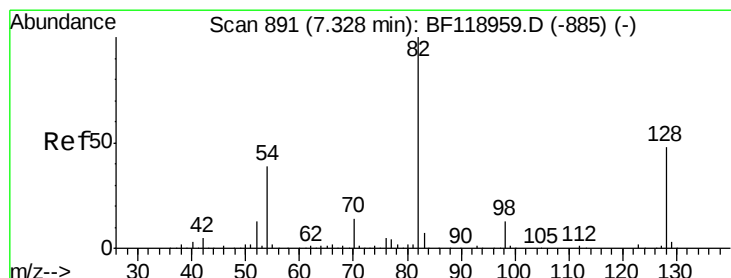
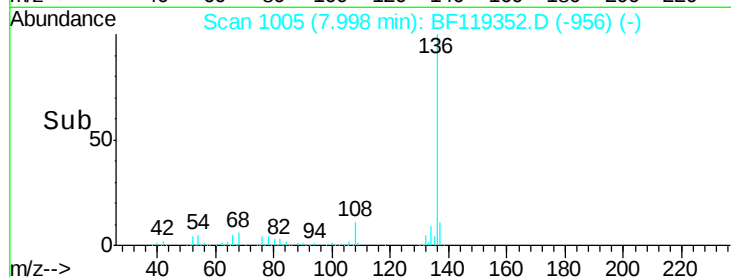
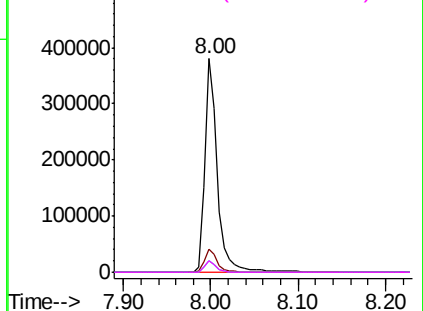
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119352.D
Acq: 11 Mar 2020 18:11

Instrument :
BNA_F
ClientSampleId :
WH-CONCRETE

Tot 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

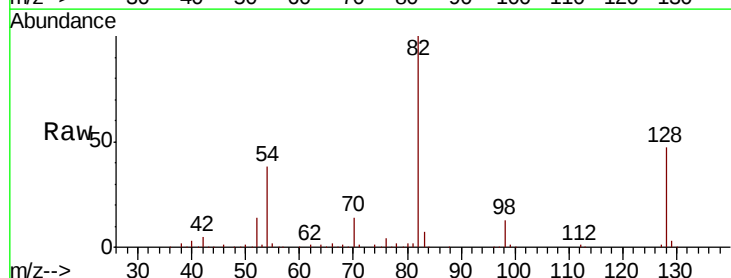


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

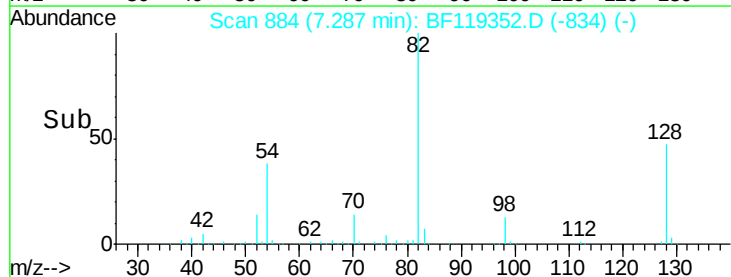
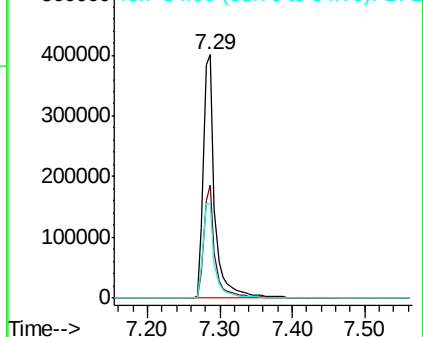


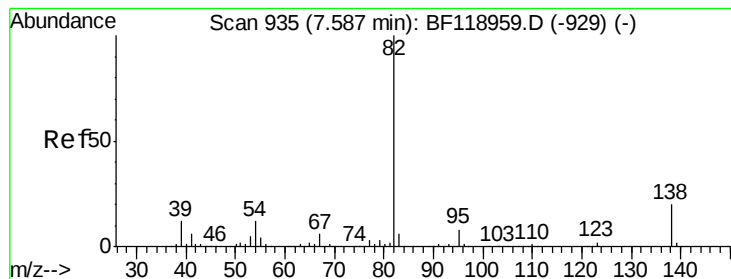
#23
Nitrobenzene-d5
Concen: 62.865 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119352.D
Acq: 11 Mar 2020 18:11

Tgt 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





#25

Isophorone

Concen: 36.198 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119352.D

Acq: 11 Mar 2020 18:11

Instrument :

BNA_F

ClientSampleId :

WH-CONCRETE

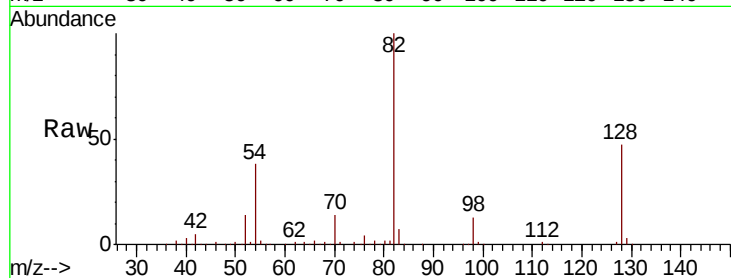
Tot Ion: 82 Resp: 449381

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

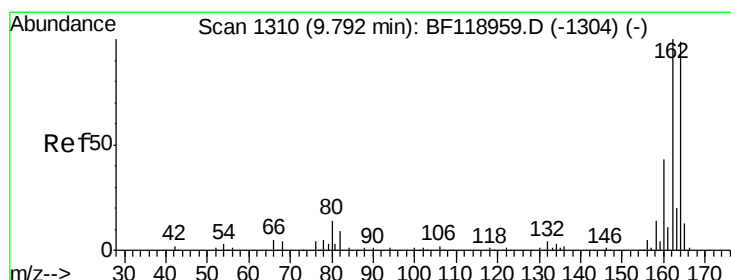
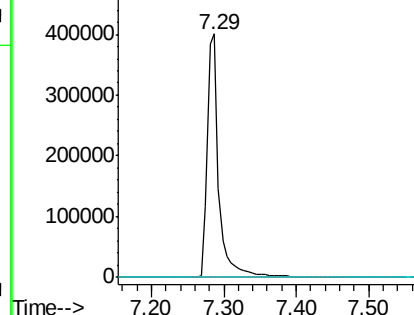
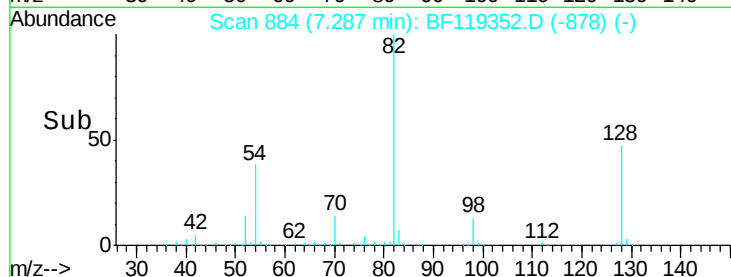
138 0.0 15.7 23.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): 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

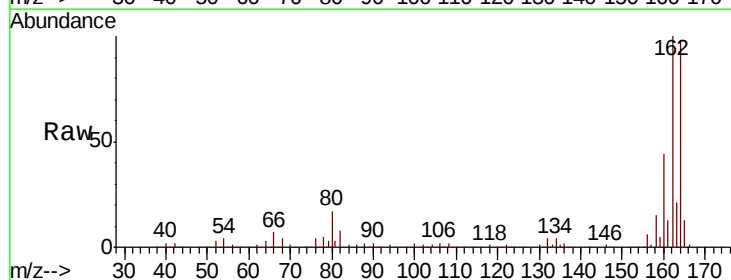
Tgt Ion: 164 Resp: 211490

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

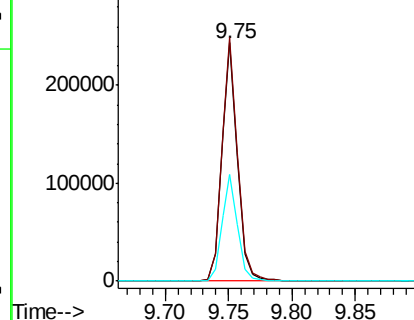
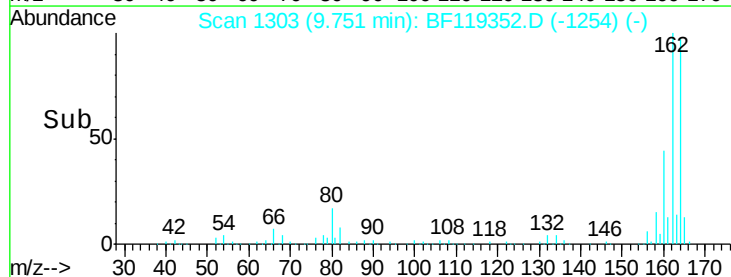
160 44.9 36.0 54.0

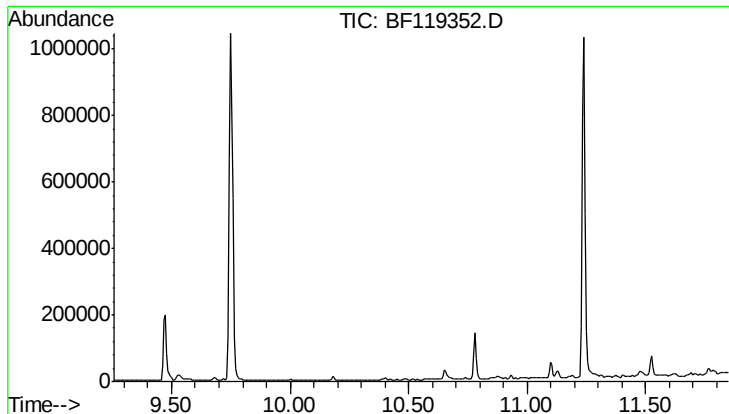


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

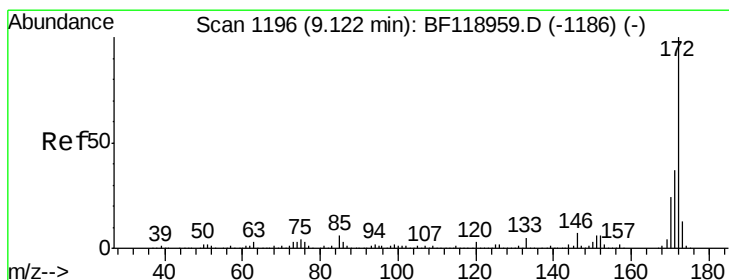
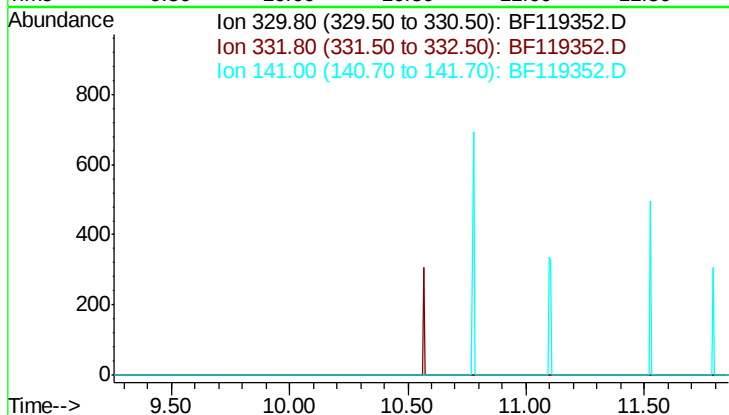




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.56 min
 Lab File: BF119352.D
 Acq: 11 Mar 2020 18:11

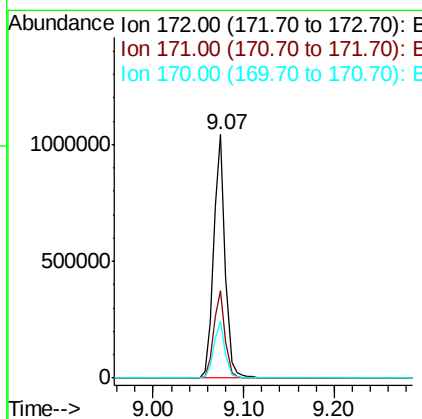
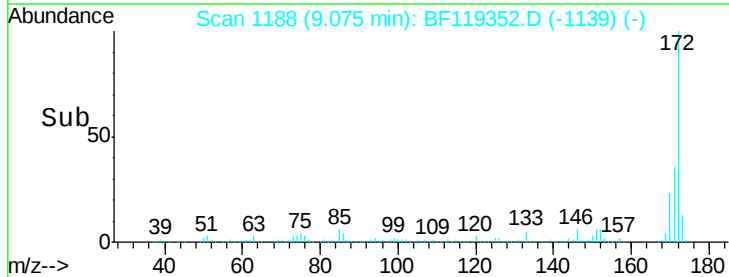
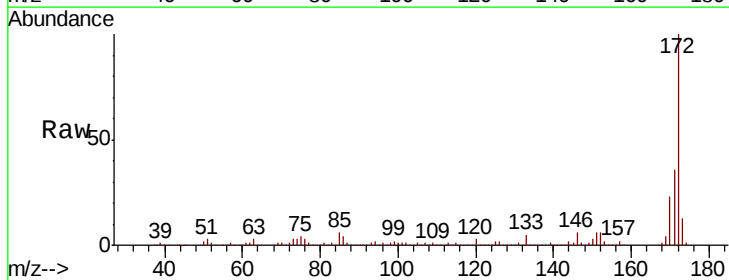
Instrument :
 BNA_F
 ClientSampleId :
 WH-CONCRETE

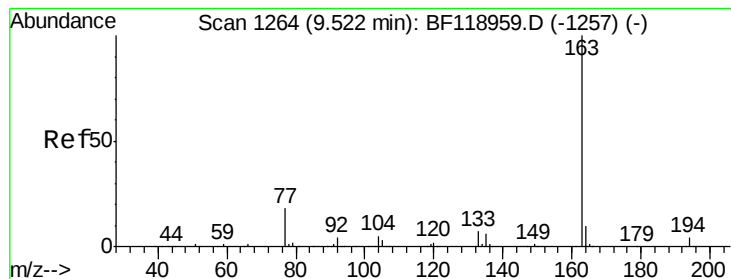
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.0
 141 28.6



#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

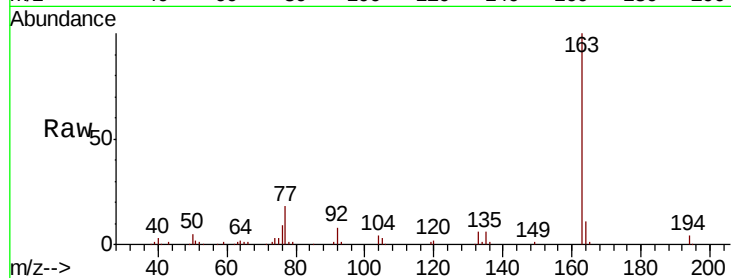
Tot Ion:163 Resp: 95892

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

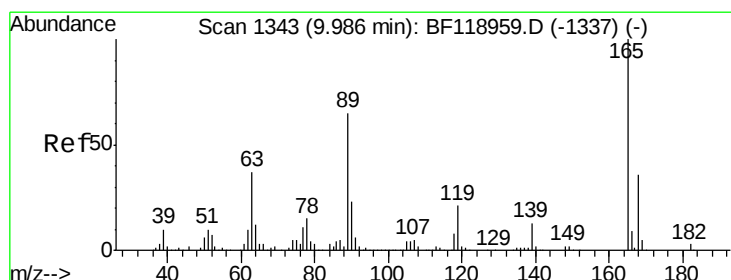
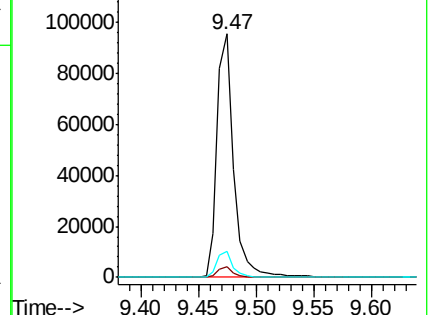
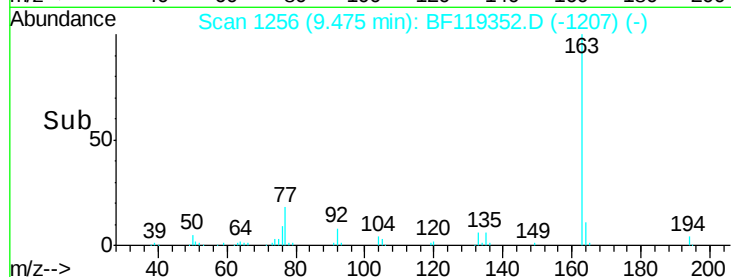
164 10.6 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.781 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.22 min

Lab File: BF119352.D

Acq: 11 Mar 2020 18:11

Tgt Ion:165 Resp: 26922

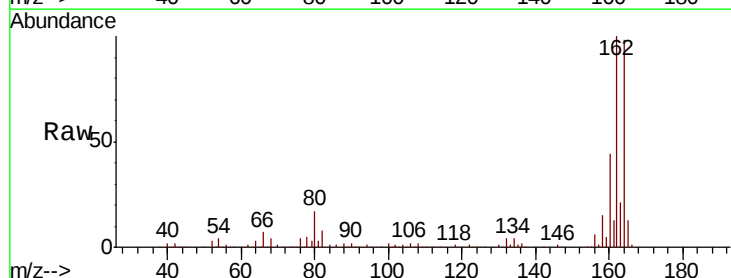
Ion Ratio Lower Upper

165 100

63 1.1 42.3 63.5#

89 1.8 60.2 90.4#

182 0.0 2.3 3.5#

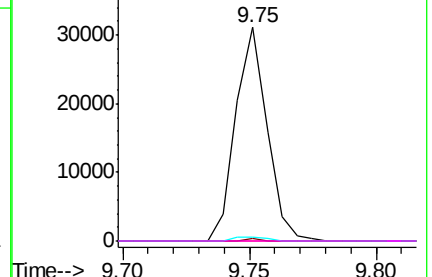
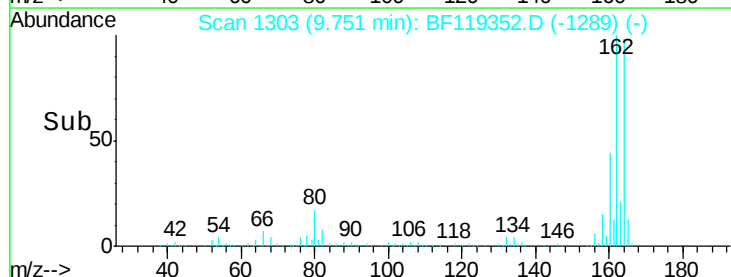


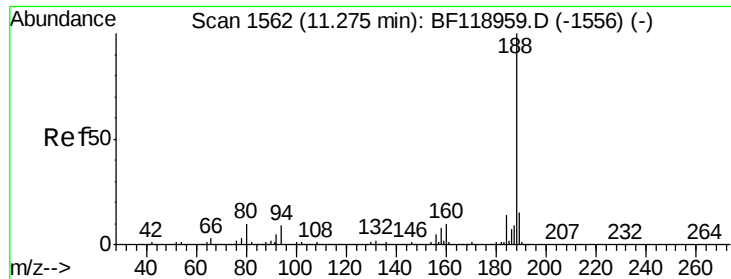
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): 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

Instrument :

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ClientSampleId :

WH-CONCRETE

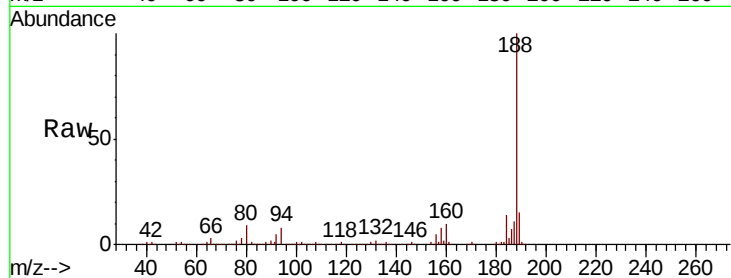
Tot Ion:188 Resp: 396558

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

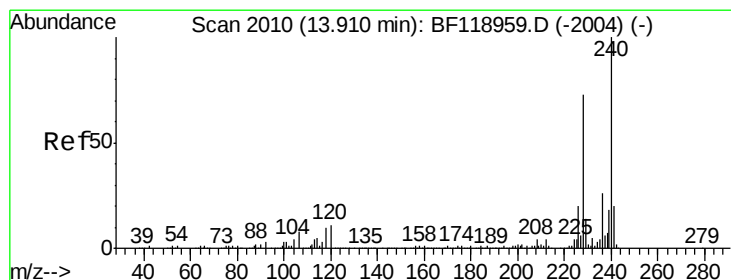
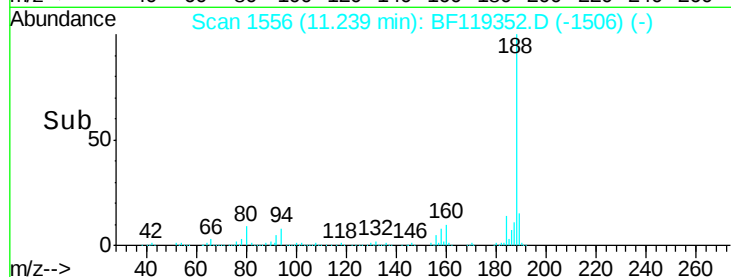
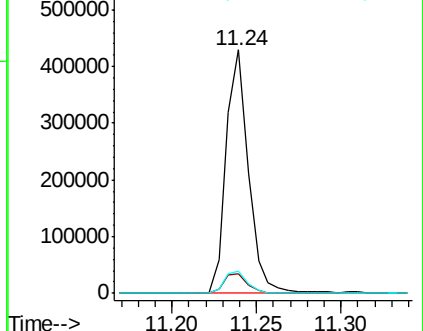
80 9.3 7.8 11.8



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

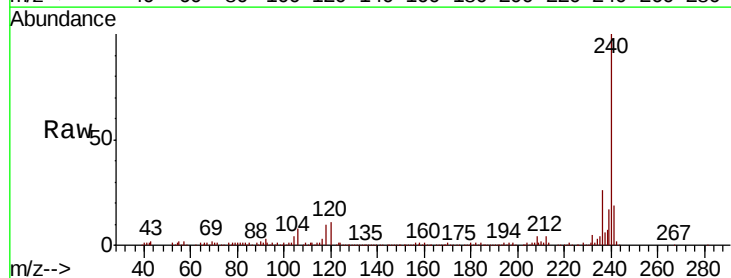
Tgt Ion:240 Resp: 275920

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

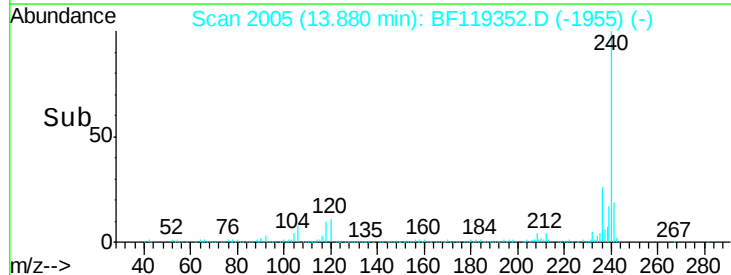
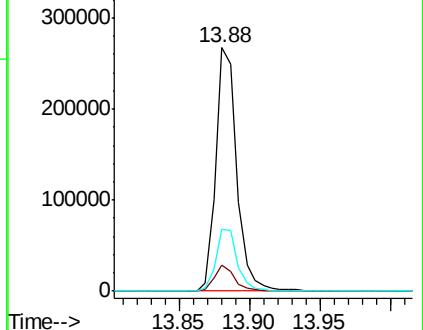
236 25.5 21.0 31.4

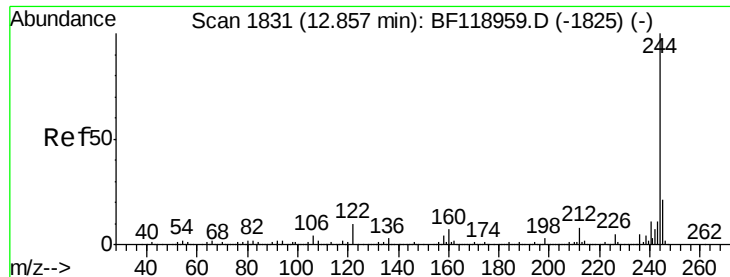


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 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

Instrument :

BNA_F

ClientSampleId :

WH-CONCRETE

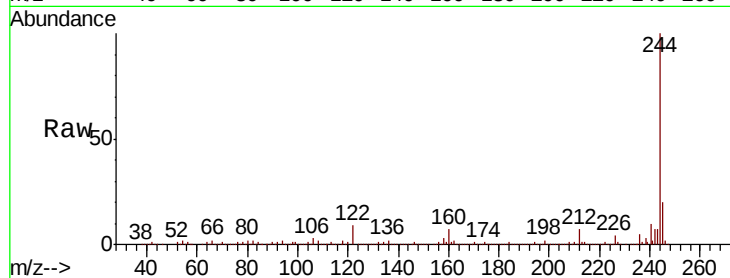
Tot Ion:244 Resp: 1190975

Ion Ratio Lower Upper

244 100

212 7.3 6.6 10.0

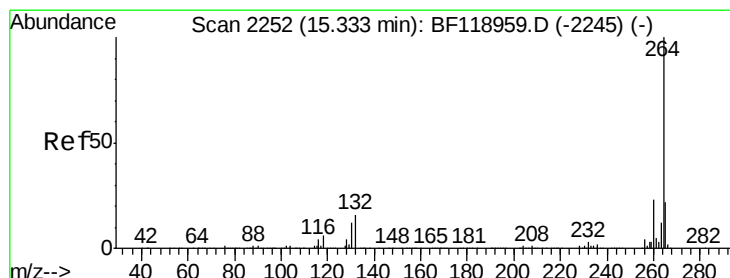
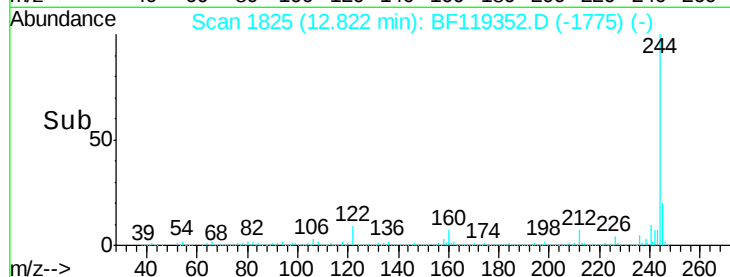
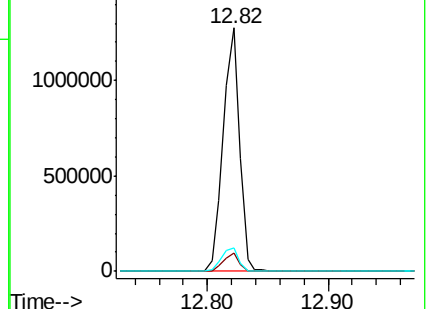
122 9.4 8.2 12.2



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: BF119352.D

Acq: 11 Mar 2020 18:11

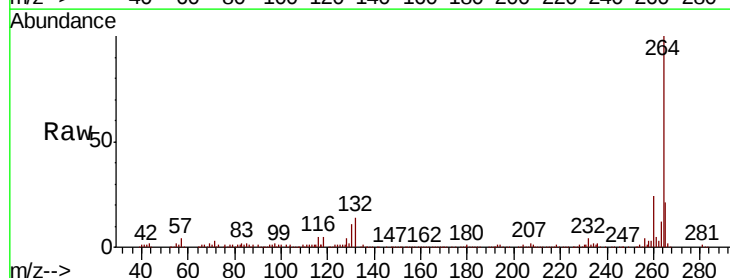
Tgt Ion:264 Resp: 270094

Ion Ratio Lower Upper

264 100

260 24.0 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

