

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119053.D
 Acq On : 25 Feb 2020 7:43
 Operator : CG/JU
 Sample : L1593-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Quant Time: Feb 25 10:13:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

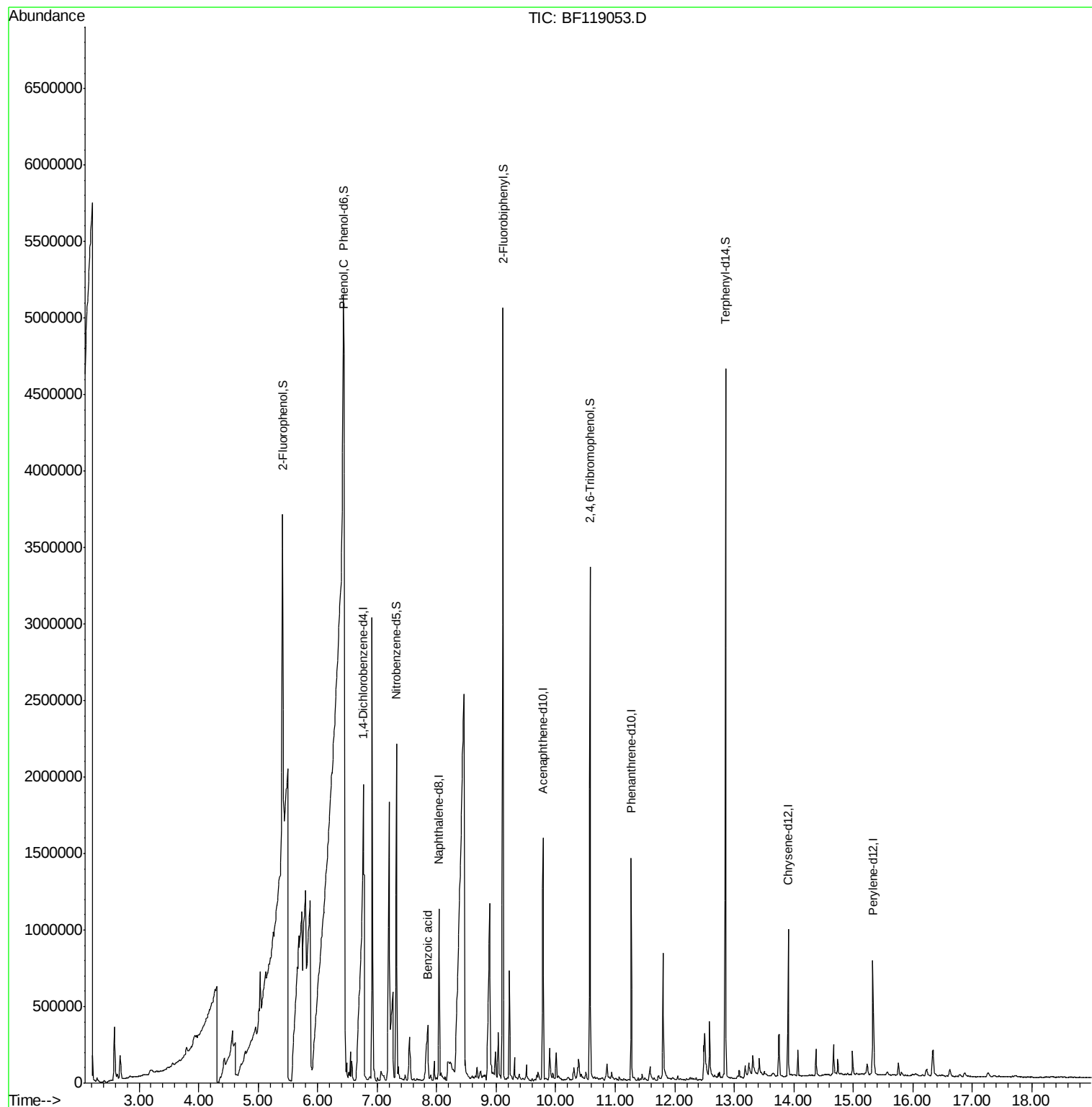
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137734	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	550896	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	290648	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	506384	20.00	ng	0.00
76) Chrysene-d12	13.90	240	348209	20.00	ng	0.00
87) Perylene-d12	15.33	264	343425	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	896742	108.81	ng	0.03
7) Phenol-d6	6.43	99	839869	83.79	ng	0.03
23) Nitrobenzene-d5	7.33	82	875203	83.88	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	464519	122.17	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1685444	85.43	ng	-0.01
79) Terphenyl-d14	12.85	244	1653325	81.75	ng	0.00
Target Compounds						
10) Phenol	6.45	94	24016	2.216	ng	94
32) Benzoic acid	7.86	122	34728	12.202	ng	99

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

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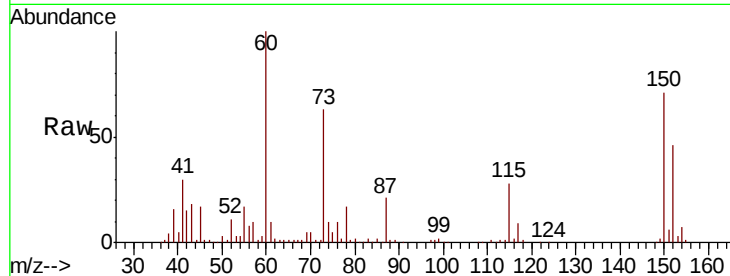


#1

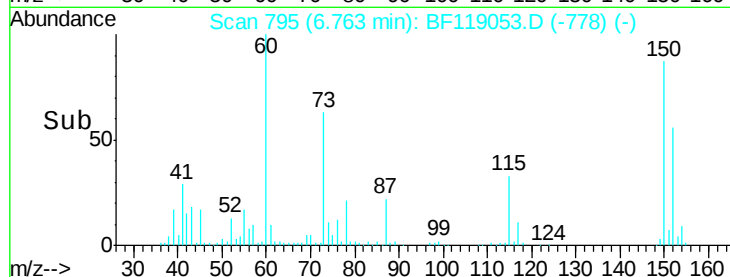
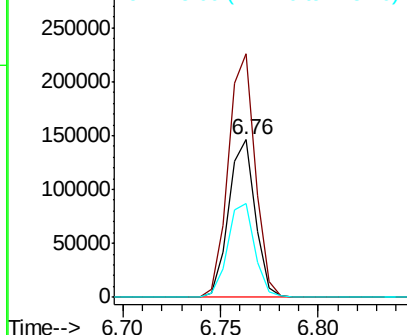
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF119053.D
Acq: 25 Feb 2020 7:43

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

Tot Ion:152 Resp: 137734
Ion Ratio Lower Upper
152 100
150 154.4 124.3 186.5
115 59.5 44.6 67.0



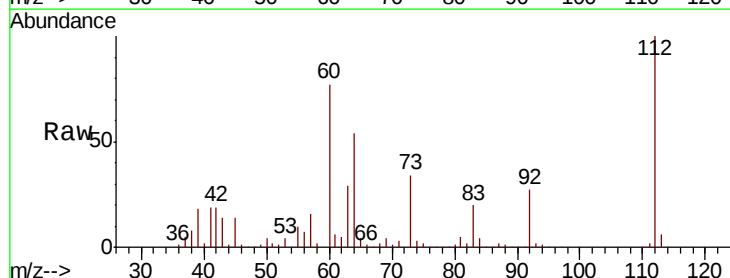
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



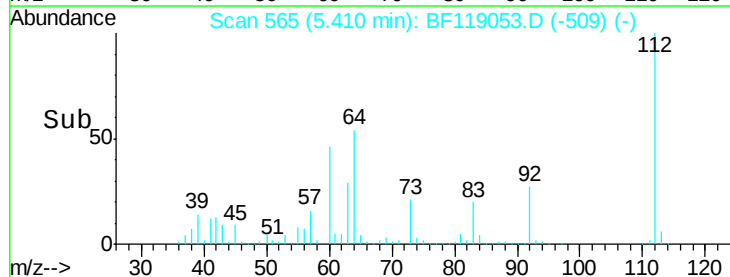
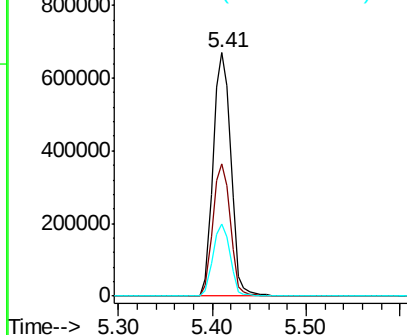
#5

2-Fluorophenol
Concen: 108.805 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.03 min
Lab File: BF119053.D
Acq: 25 Feb 2020 7:43

Tgt Ion:112 Resp: 896742
Ion Ratio Lower Upper
112 100
64 54.2 40.4 60.6
63 29.5 21.3 31.9



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: 83.790 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.03 min

Lab File: BF119053.D

Acq: 25 Feb 2020 7:43

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

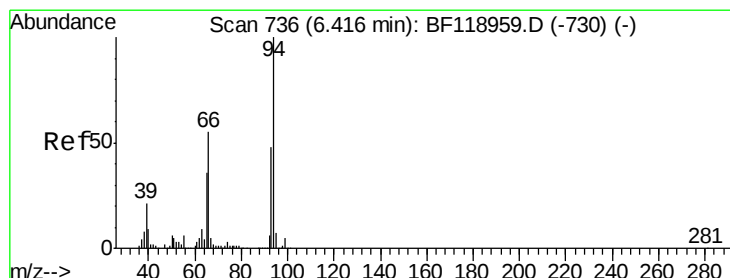
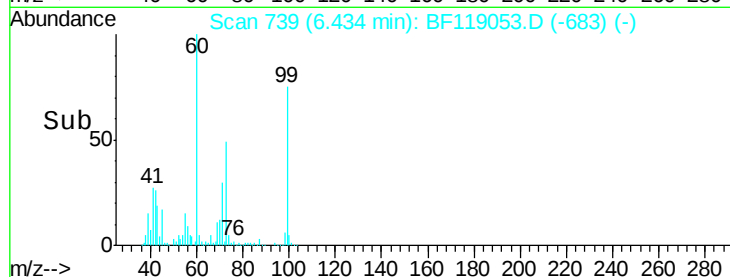
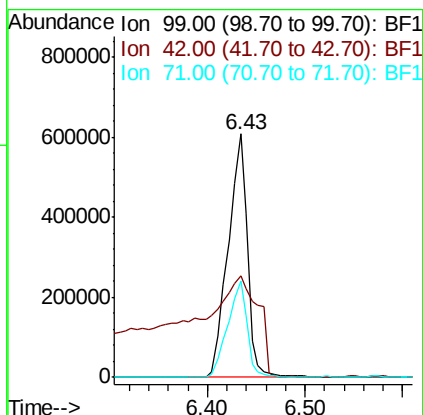
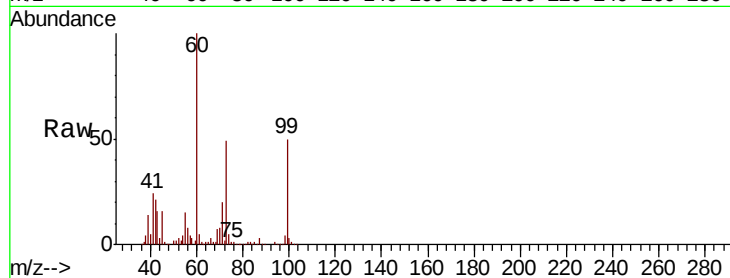
Tot Ion: 99 Resp: 839869

Ion Ratio Lower Upper

99 100

42 41.5 11.4 17.0#

71 39.5 29.8 44.6



#10

Phenol

Concen: 2.216 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.03 min

Lab File: BF119053.D

Acq: 25 Feb 2020 7:43

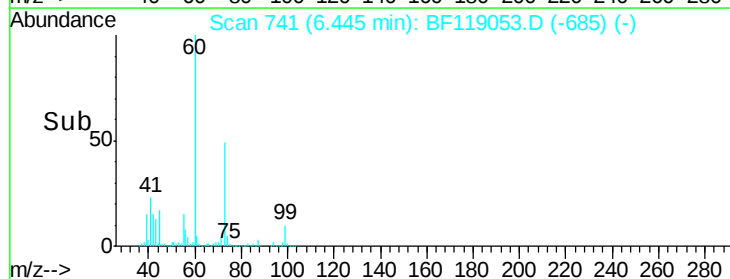
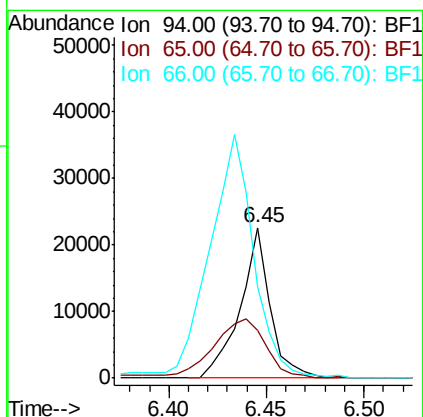
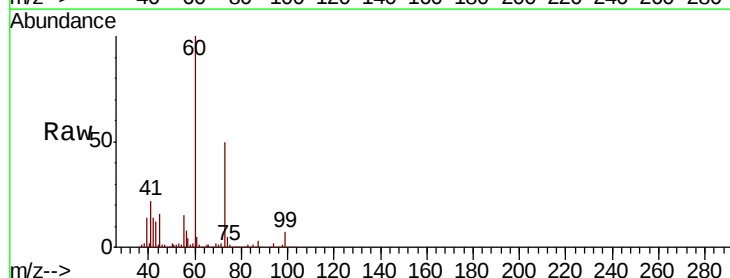
Tgt Ion: 94 Resp: 24016

Ion Ratio Lower Upper

94 100

65 32.0 15.5 55.5

66 60.3 35.6 75.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119053.D

Acq: 25 Feb 2020 7:43

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

Tot Ion:136 Resp: 550896

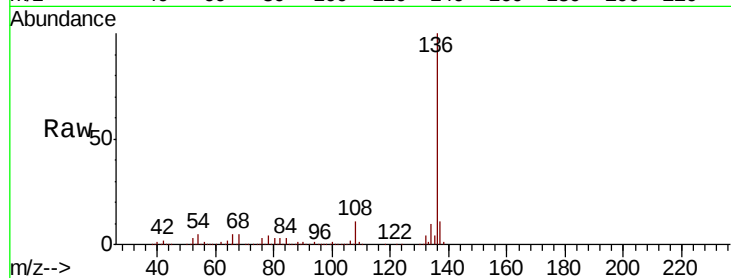
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 4.8 3.8 5.6

68 5.3 4.2 6.2

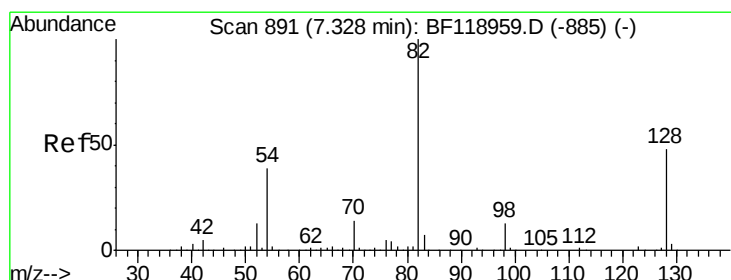
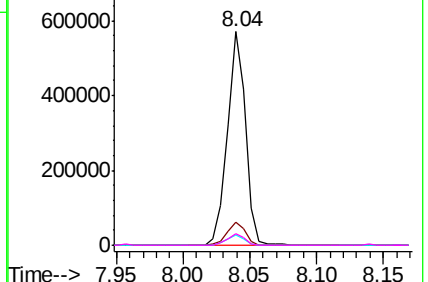
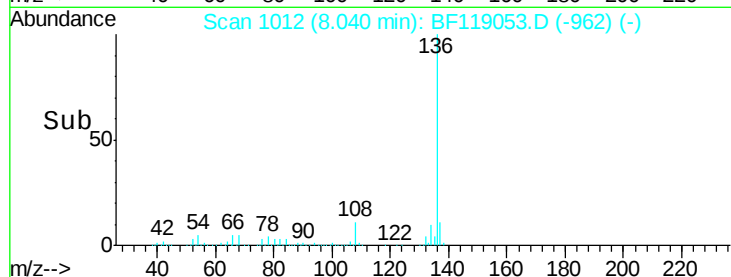


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.883 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF119053.D

Acq: 25 Feb 2020 7:43

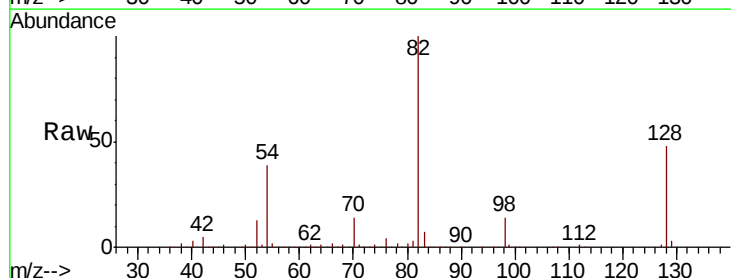
Tgt Ion: 82 Resp: 875203

Ion Ratio Lower Upper

82 100

128 48.0 38.2 57.2

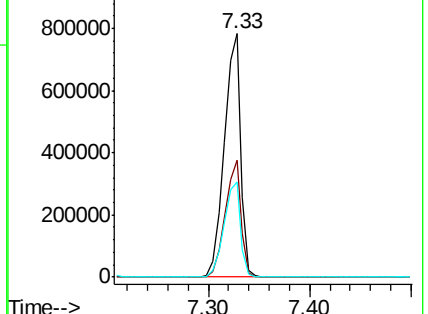
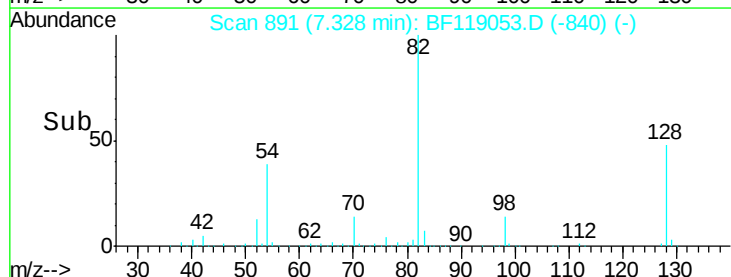
54 39.0 31.3 46.9

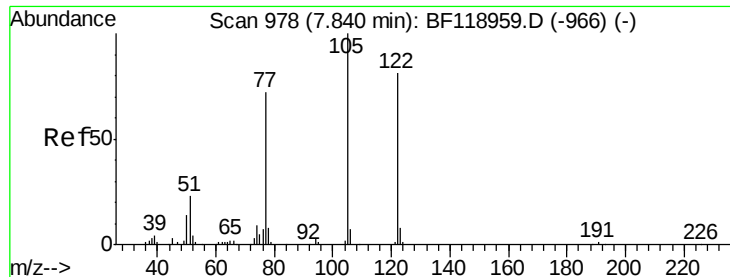


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#32

Benzoic acid

Concen: 12.202 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF119053.D

Acq: 25 Feb 2020 7:43

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

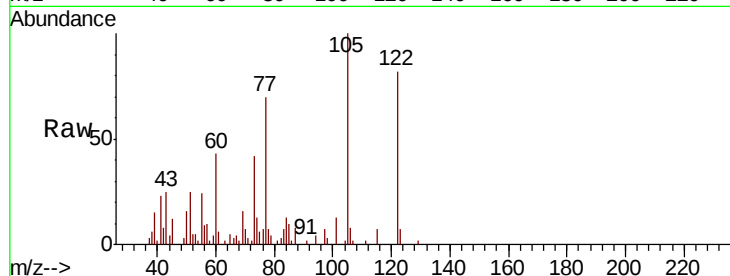
Tot Ion:122 Resp: 34728

Ion Ratio Lower Upper

122 100

105 122.0 102.2 142.2

77 85.5 68.6 108.6

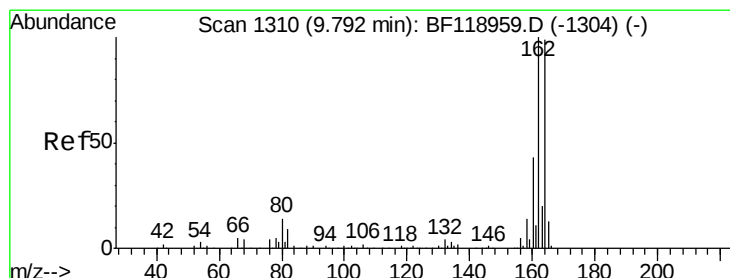
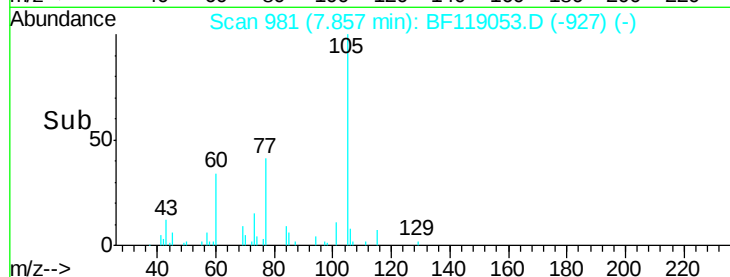
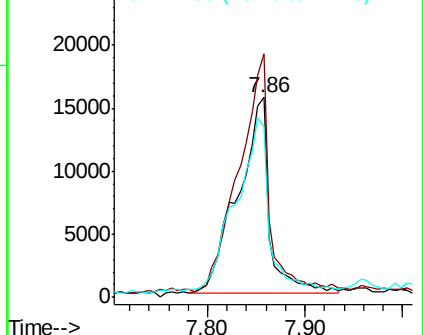


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119053.D

Acq: 25 Feb 2020 7:43

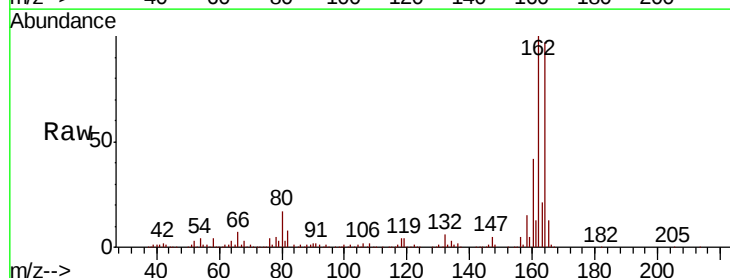
Tgt Ion:164 Resp: 290648

Ion Ratio Lower Upper

164 100

162 102.9 81.2 121.8

160 43.4 35.2 52.8

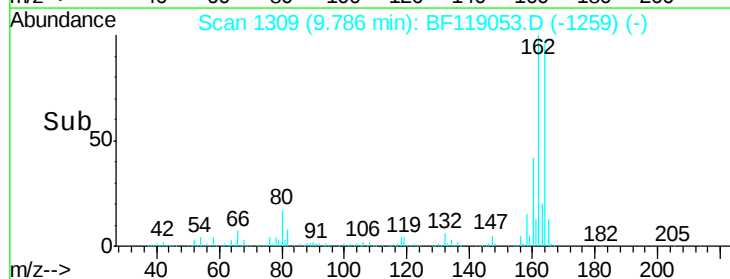
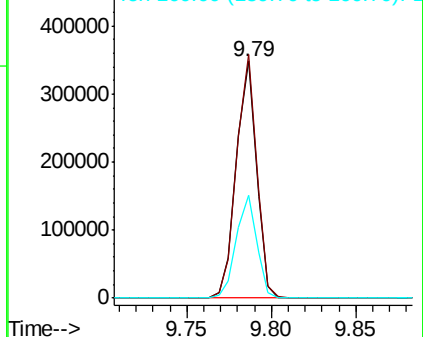


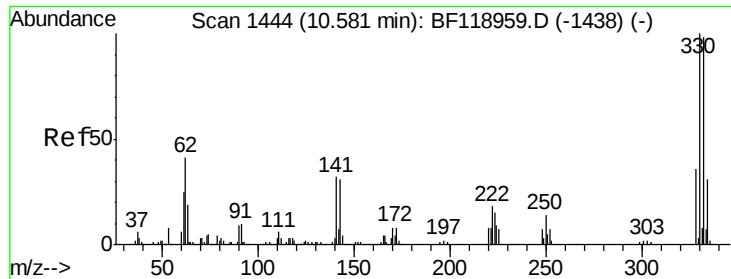
Abundance

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: 122.172 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119053.D

Acq: 25 Feb 2020 7:43

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

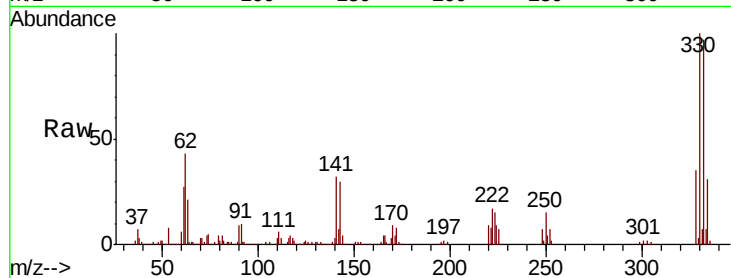
Tot Ion:330 Resp: 464519

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

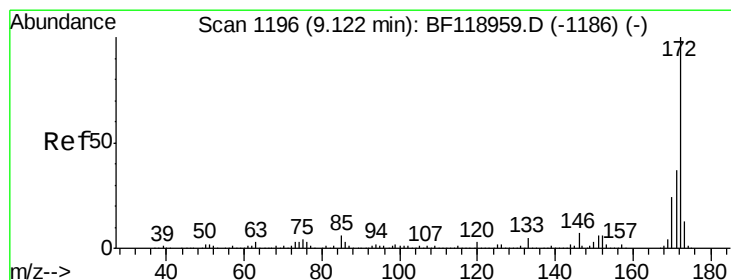
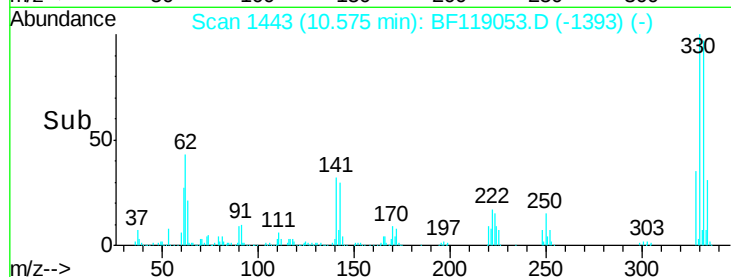
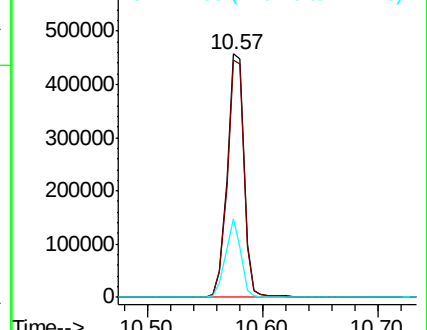
141 29.7 23.0 34.6



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: 85.428 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119053.D

Acq: 25 Feb 2020 7:43

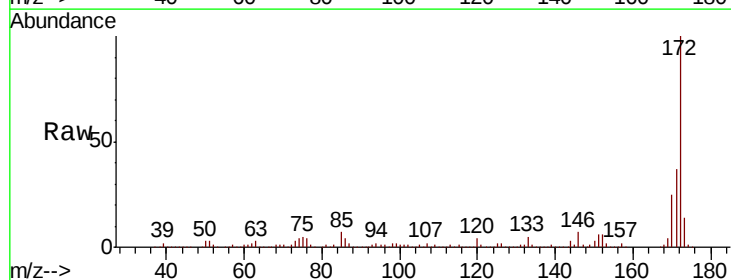
Tgt Ion:172 Resp: 1685444

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.2

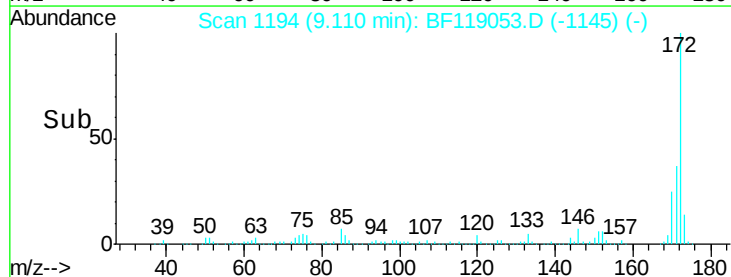
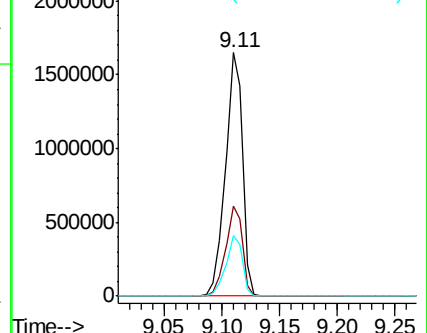
170 24.7 19.6 29.4

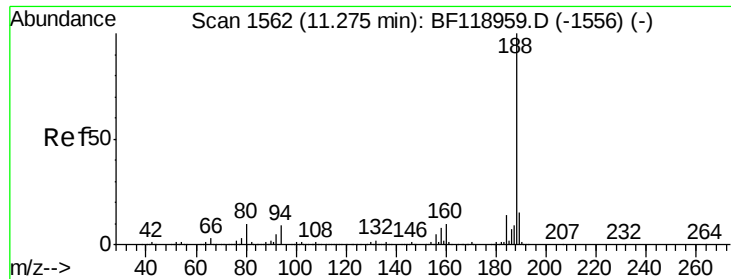


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

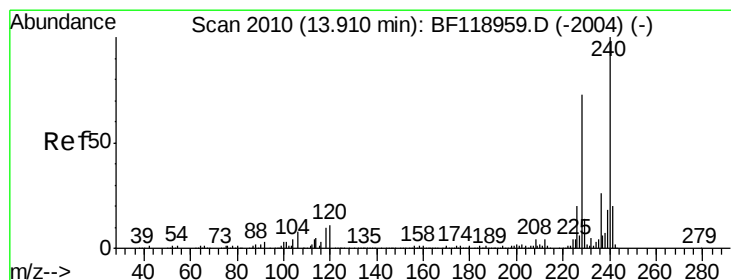
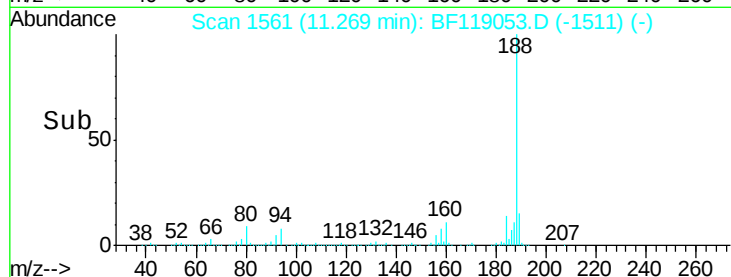
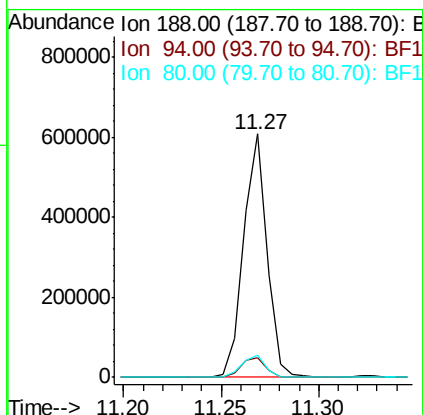
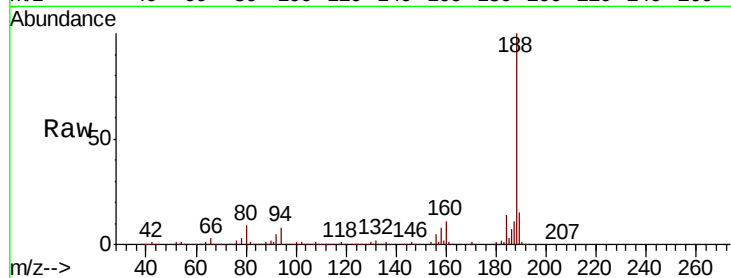




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119053.D
Acq: 25 Feb 2020 7:43

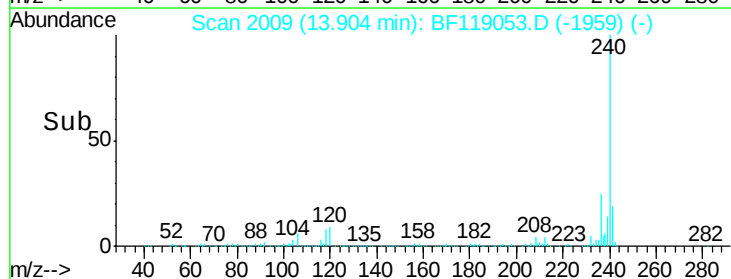
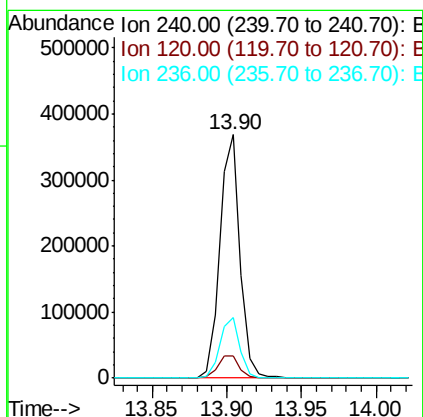
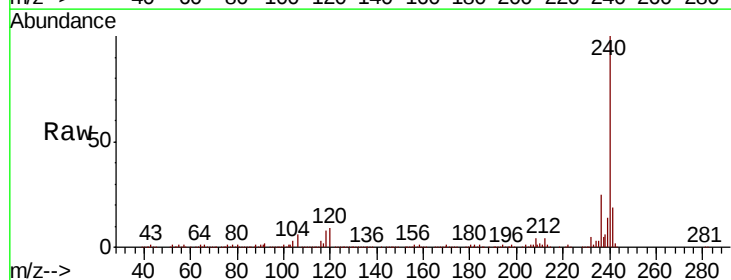
Instrument :
BNA_F
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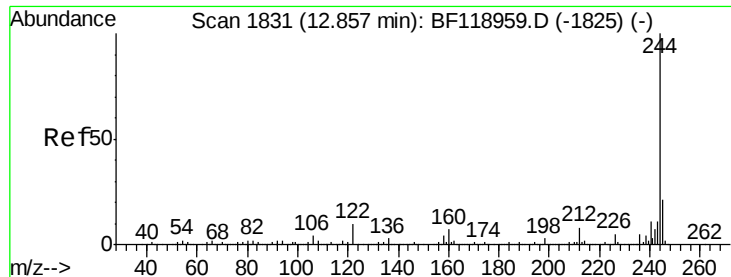
Tot Ion:188 Resp: 506384
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119053.D
Acq: 25 Feb 2020 7:43

Tgt Ion:240 Resp: 348209
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 25.0 20.6 30.8





#79

Terphenyl-d14

Concen: 81.746 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119053.D

Acq: 25 Feb 2020 7:43

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

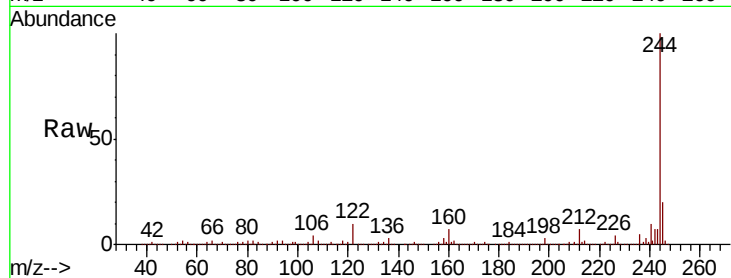
Tot Ion:244 Resp: 1653325

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

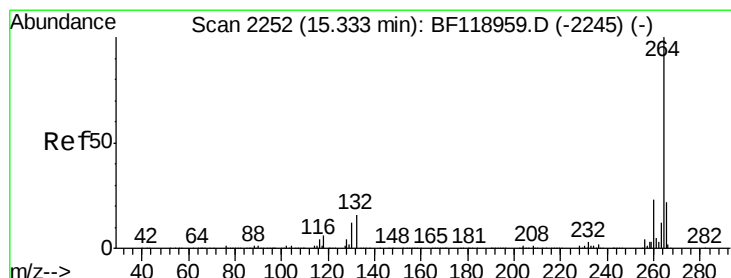
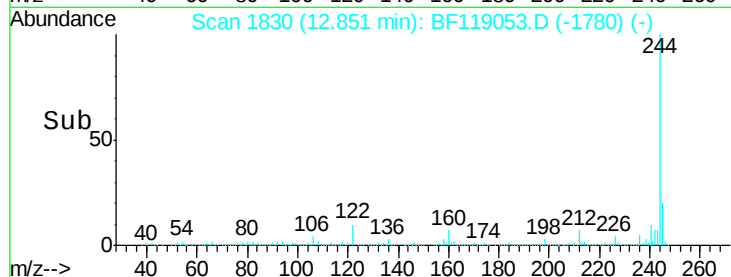
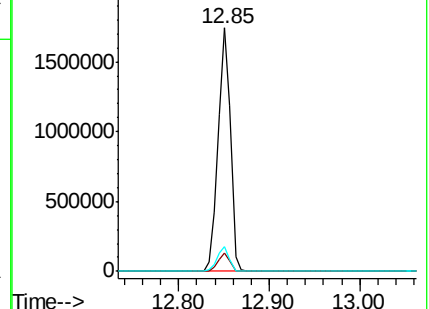
122 10.4 8.4 12.6



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: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119053.D

Acq: 25 Feb 2020 7:43

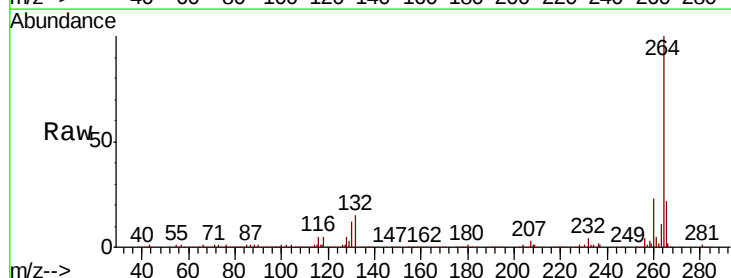
Tgt Ion:264 Resp: 343425

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.6 17.3 25.9



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

