

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136704.D
 Acq On : 23 Dec 2023 01:08
 Operator : CG\JU
 Sample : 05929-17 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHORT-CONCRETE-PAD-1

Quant Time: Dec 23 01:59:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

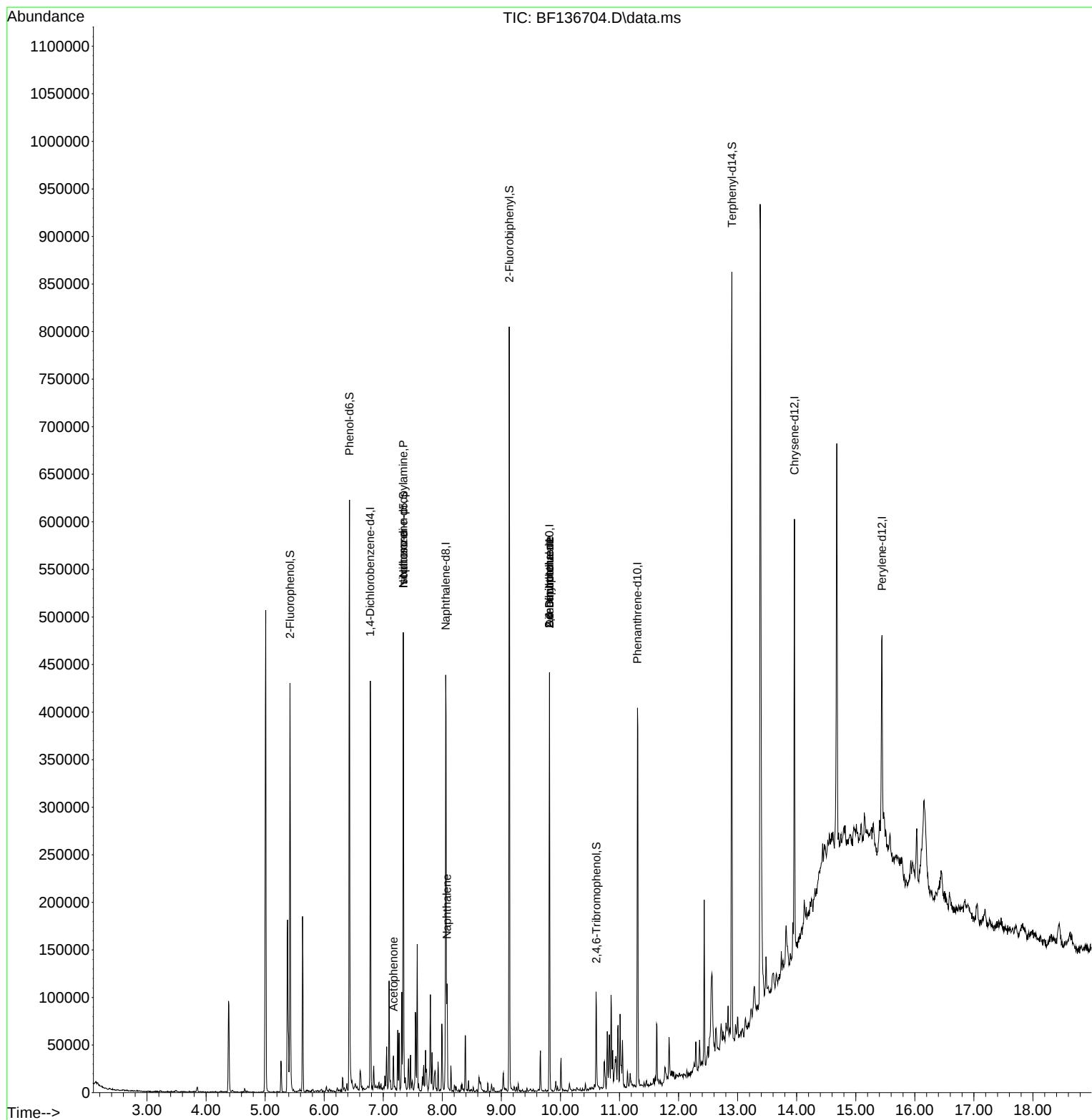
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	58424	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	186402	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	76614	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	149724	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	141604	20.000	ng	0.00
86) Perylene-d12	15.445	264	98095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	106593	28.467	ng	0.00
7) Phenol-d6	6.428	99	192396	39.654	ng	-0.01
23) Nitrobenzene-d5	7.339	82	130242	35.754	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	12599	13.963	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	231809	40.695	ng	-0.02
79) Terphenyl-d14	12.904	244	277176	27.354	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	17825	6.060	ng	# 77
22) Acetophenone	7.175	105	11452	2.451	ng	# 51
25) Isophorone	7.339	82	130198	19.643	ng	# 65
31) Naphthalene	8.081	128	28653	2.798	ng	# 99
50) Dimethylphthalate	9.816	163	15864	2.835	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	9709	7.645	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	9709	5.889	ng	# 21

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

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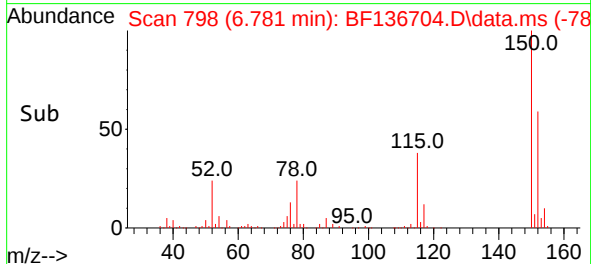
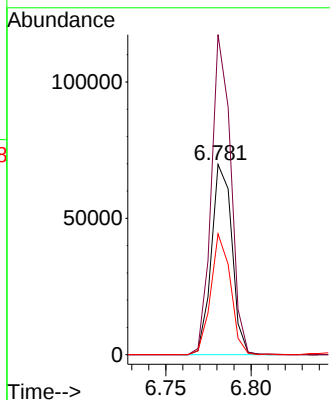
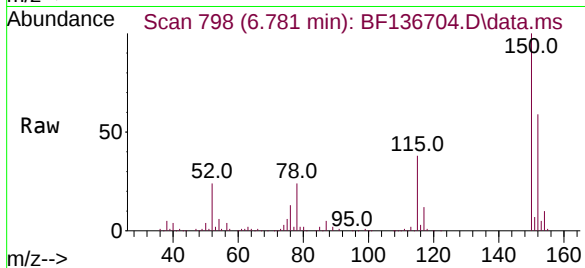




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

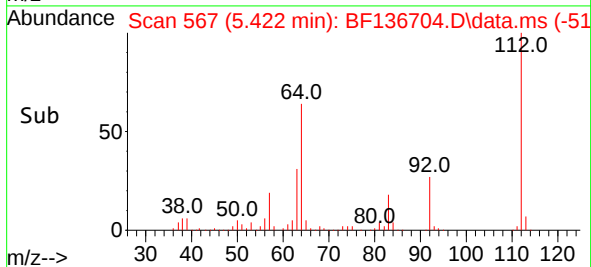
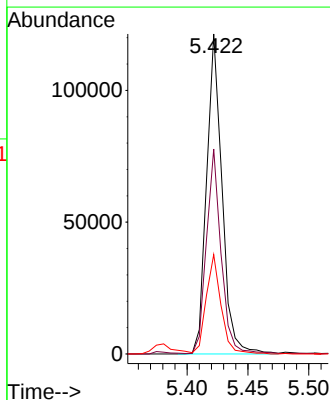
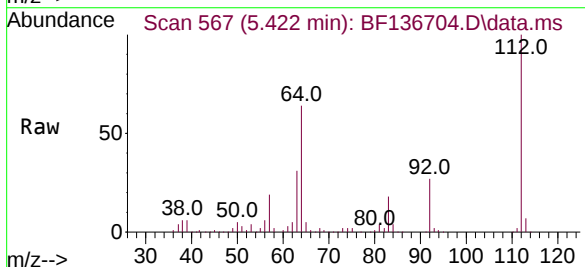
Instrument :
BNA_F
ClientSampleId :
SHORT-CONCRETE-PAD-1

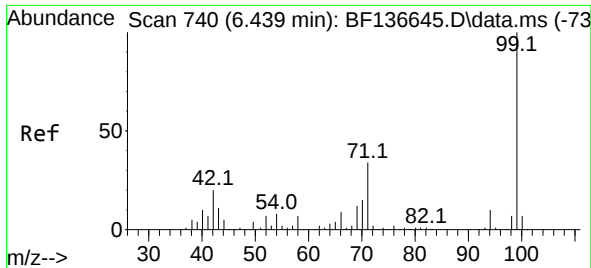
Tgt Ion:152 Resp: 58424
Ion Ratio Lower Upper
152 100
150 168.2 127.0 190.6
115 63.5 49.0 73.4



#5
2-Fluorophenol
Concen: 28.467 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

Tgt Ion:112 Resp: 106593
Ion Ratio Lower Upper
112 100
64 64.0 51.1 76.7
63 31.1 26.1 39.1

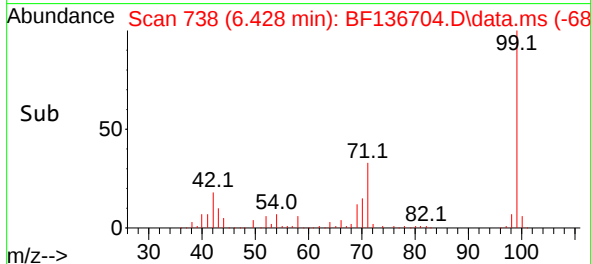
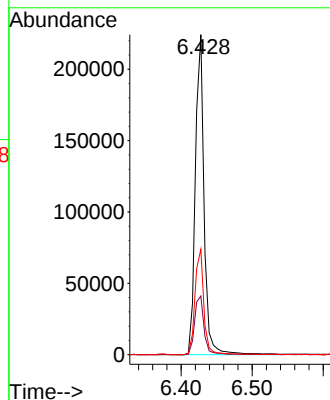
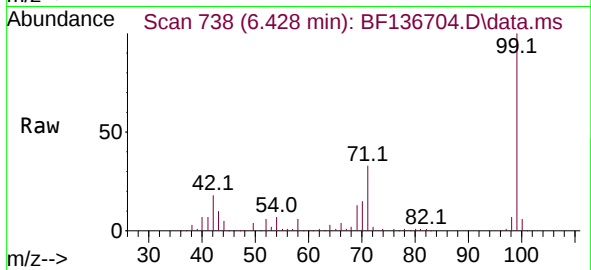




#7
Phenol-d6
Concen: 39.654 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

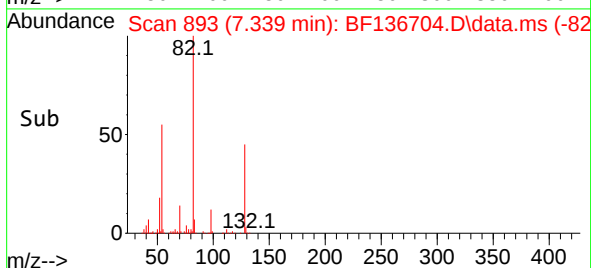
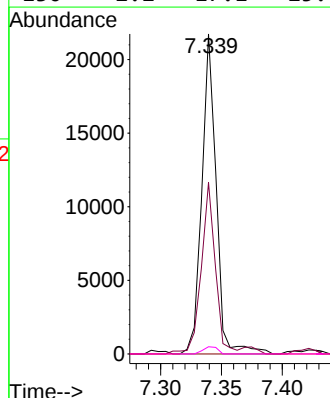
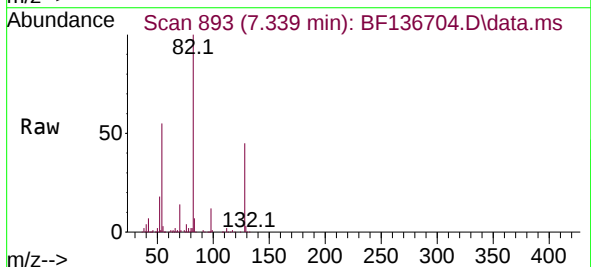
Instrument :
BNA_F
ClientSampleId :
SHORT-CONCRETE-PAD-1

Tgt Ion: 99 Resp: 192396
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 33.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 6.060 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

Tgt Ion: 70 Resp: 17825
Ion Ratio Lower Upper
70 100
42 53.6 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#

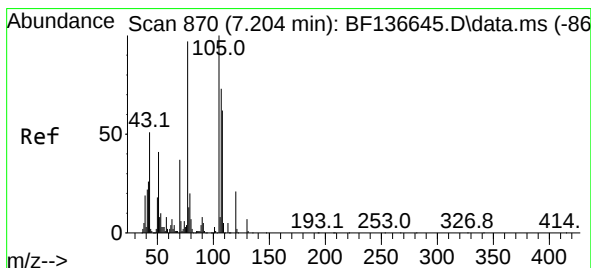
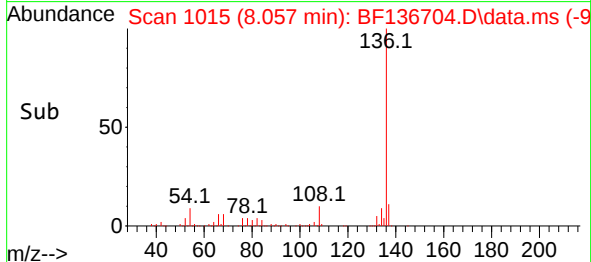
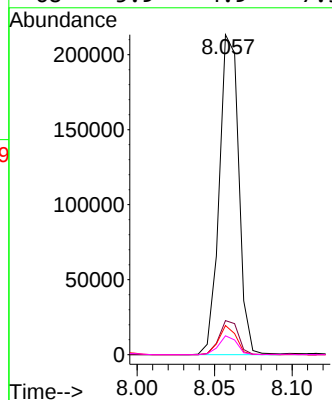
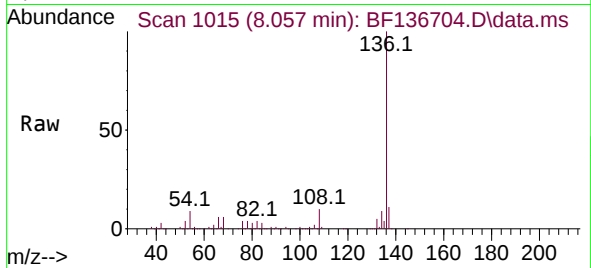




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

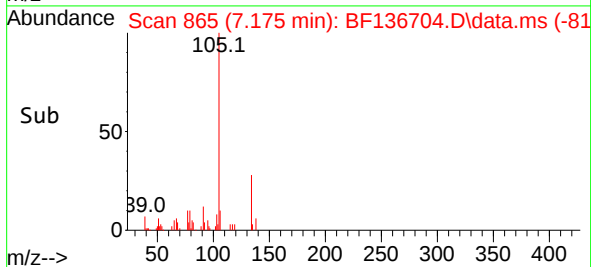
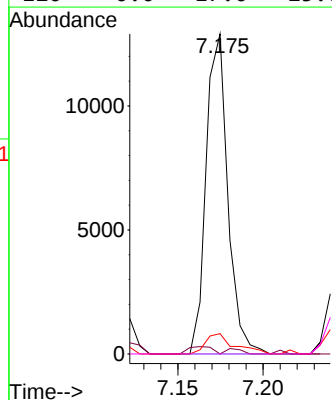
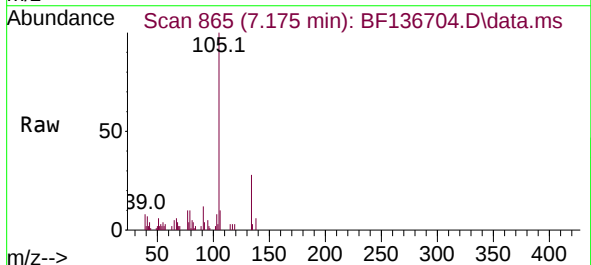
Instrument :
BNA_F
ClientSampleId :
SHORT-CONCRETE-PAD-1

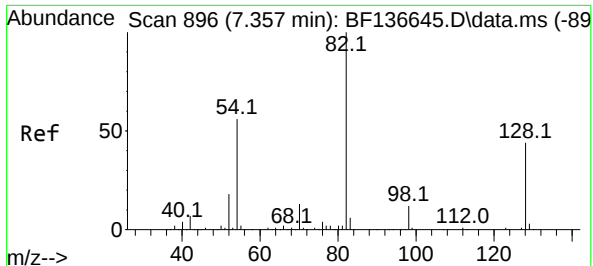
Tgt Ion:136	Resp: 186402
Ion Ratio	Lower Upper
136 100	
137 10.6	9.0 13.4
54 9.1	7.2 10.8
68 5.9	4.9 7.3



#22
Acetophenone
Concen: 2.451 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.029 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

Tgt Ion:105	Resp: 11452
Ion Ratio	Lower Upper
105 100	
71 0.0	4.8 7.2#
51 6.4	32.8 49.2#
120 0.0	17.0 25.6#





#23

Nitrobenzene-d5

Concen: 35.754 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF136704.D

Acq: 23 Dec 2023 01:08

Instrument :

BNA_F

ClientSampleId :

SHORT-CONCRETE-PAD-1

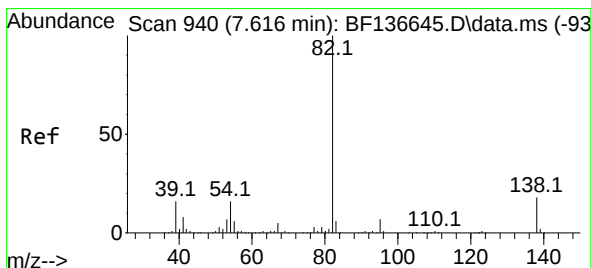
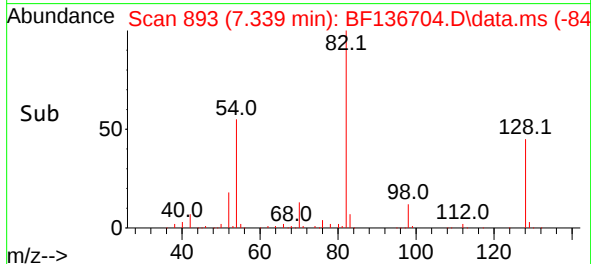
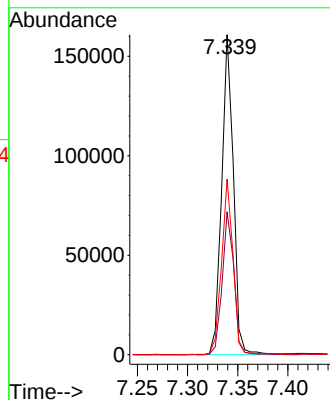
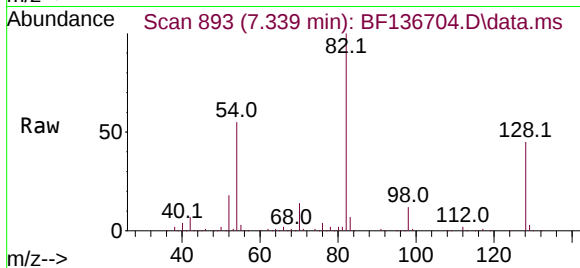
Tgt Ion: 82 Resp: 130242

Ion Ratio Lower Upper

82 100

128 44.6 35.3 52.9

54 54.9 44.5 66.7



#25

Isophorone

Concen: 19.643 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.276 min

Lab File: BF136704.D

Acq: 23 Dec 2023 01:08

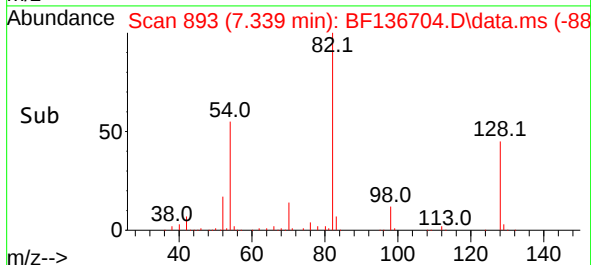
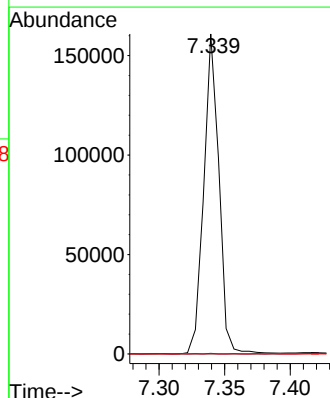
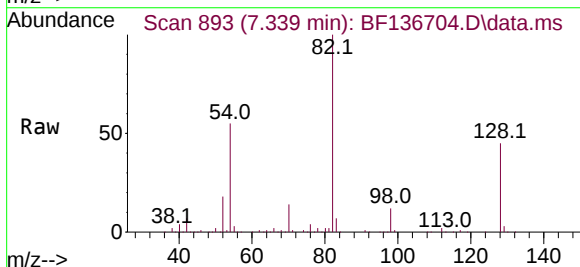
Tgt Ion: 82 Resp: 130198

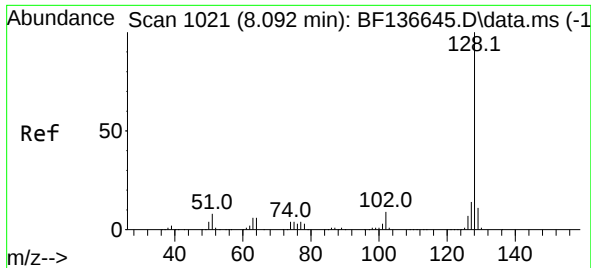
Ion Ratio Lower Upper

82 100

95 0.2 5.5 8.3#

138 0.0 14.5 21.7#

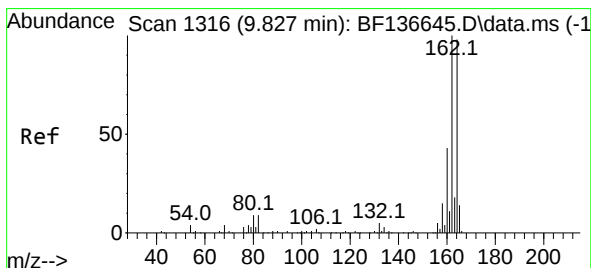
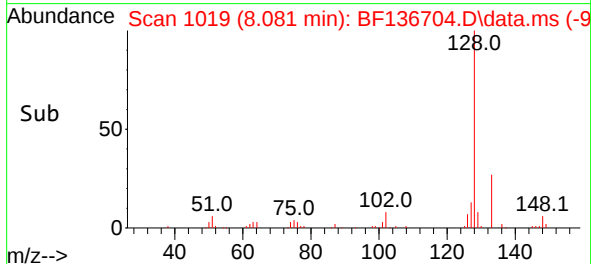
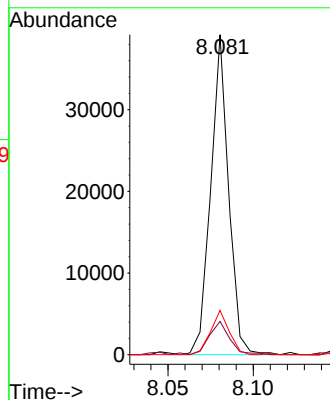
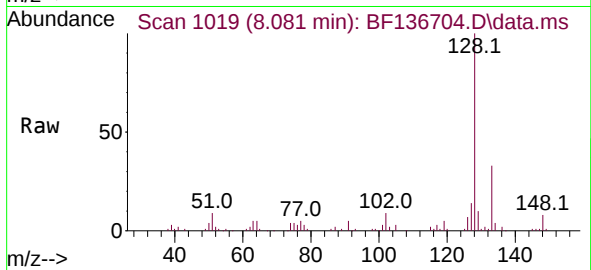




#31
Naphthalene
Concen: 2.798 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

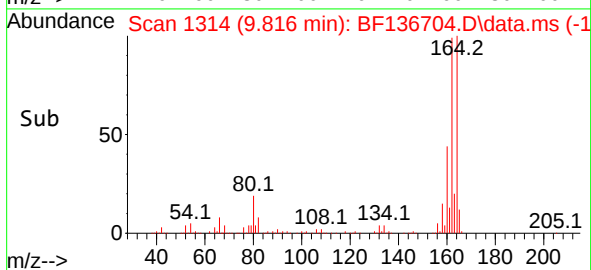
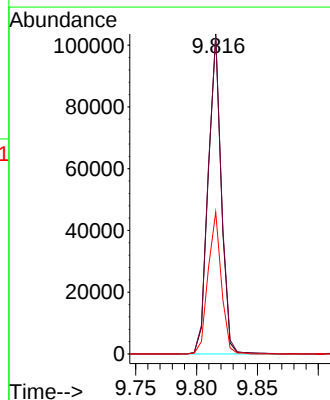
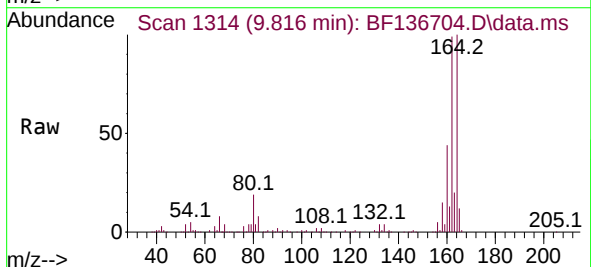
Instrument :
BNA_F
ClientSampleId :
SHORT-CONCRETE-PAD-1

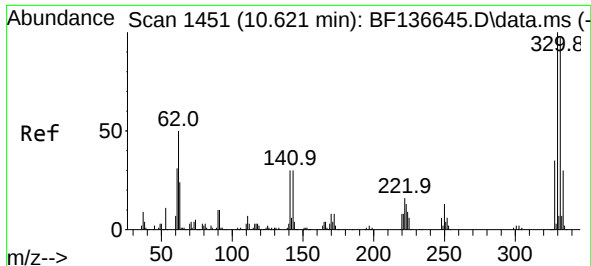
Tgt Ion:128 Resp: 28653
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.9 10.8 16.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

Tgt Ion:164 Resp: 76614
Ion Ratio Lower Upper
164 100
162 99.4 81.6 122.4
160 44.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 13.963 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136704.D

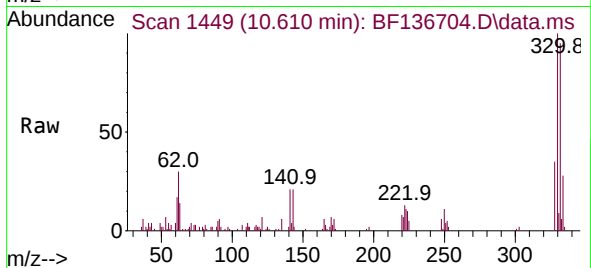
Acq: 23 Dec 2023 01:08

Instrument :

BNA_F

ClientSampleId :

SHORT-CONCRETE-PAD-1



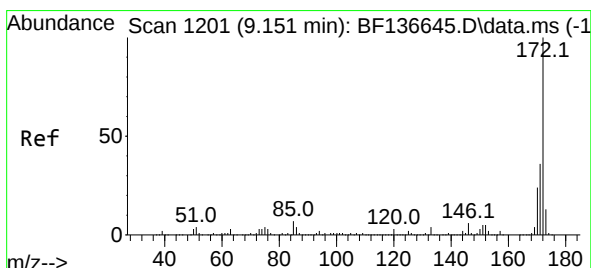
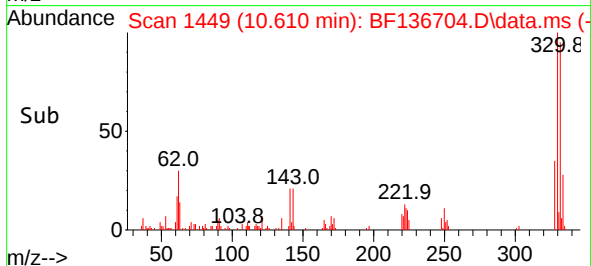
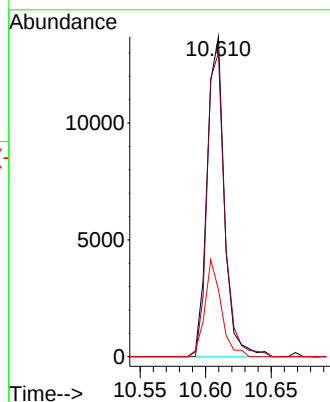
Tgt Ion:330 Resp: 12599

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 40.695 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136704.D

Acq: 23 Dec 2023 01:08

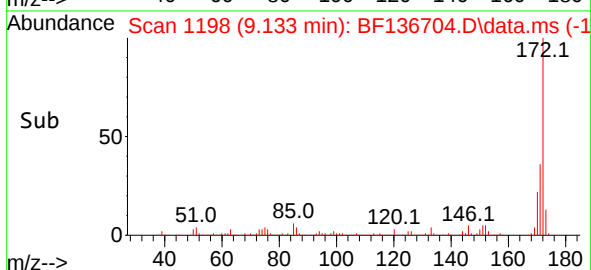
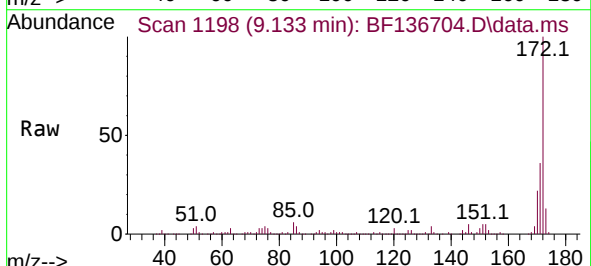
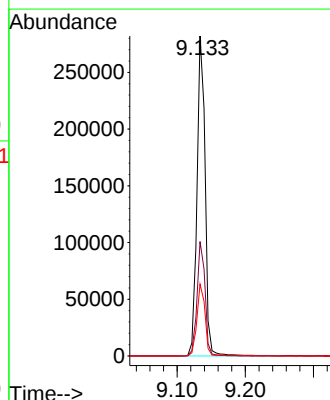
Tgt Ion:172 Resp: 231809

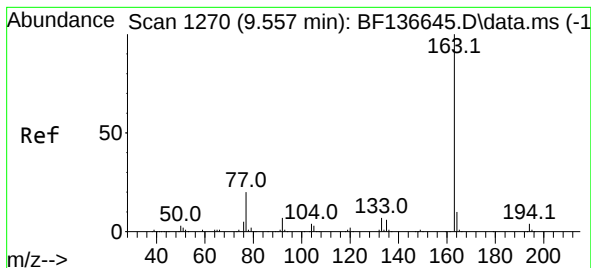
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 22.4 19.0 28.4





#50

Dimethylphthalate

Concen: 2.835 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.259 min

Lab File: BF136704.D

Acq: 23 Dec 2023 01:08

Instrument :

BNA_F

ClientSampleId :

SHORT-CONCRETE-PAD-1

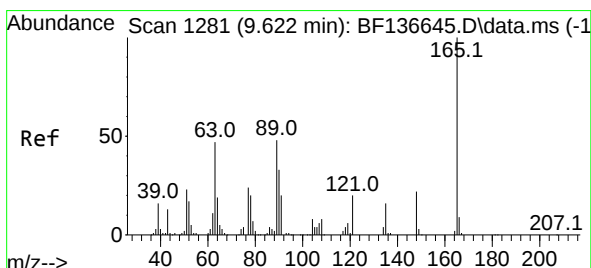
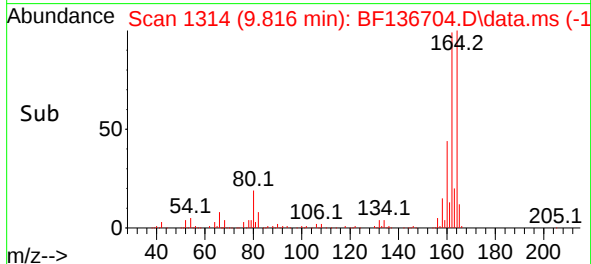
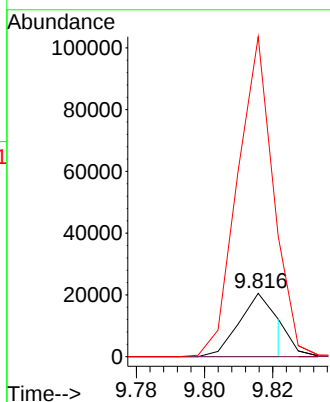
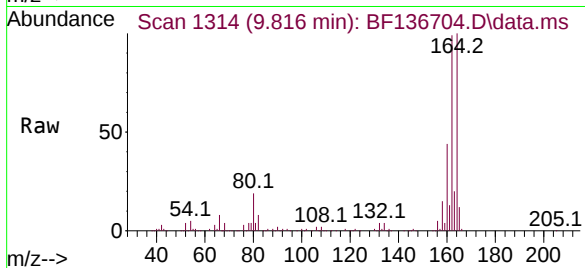
Tgt Ion:163 Resp: 15864

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 504.9 7.8 11.6#



#51

2,6-Dinitrotoluene

Concen: 7.645 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.194 min

Lab File: BF136704.D

Acq: 23 Dec 2023 01:08

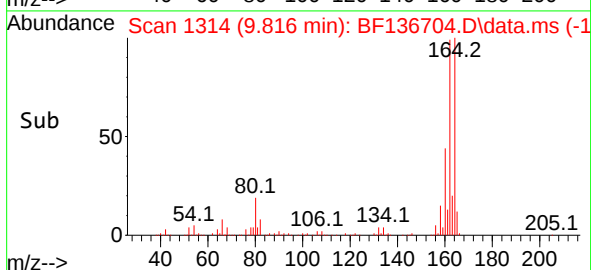
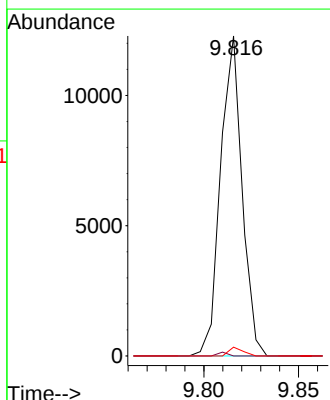
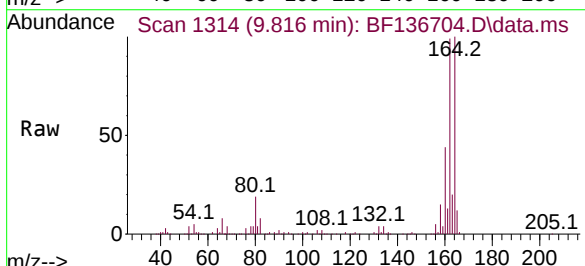
Tgt Ion:165 Resp: 9709

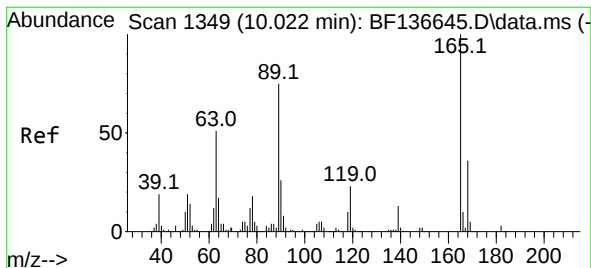
Ion Ratio Lower Upper

165 100

63 0.0 39.8 59.6#

89 2.8 38.8 58.2#

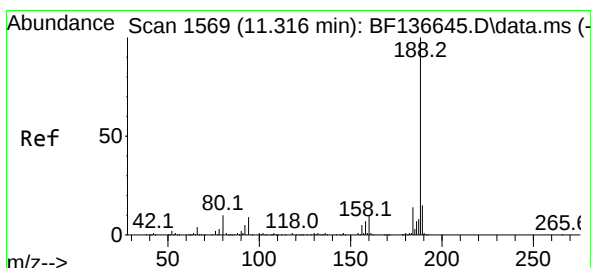
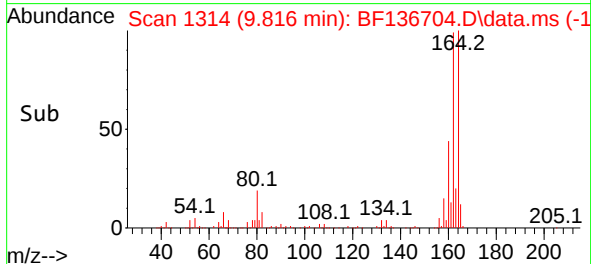
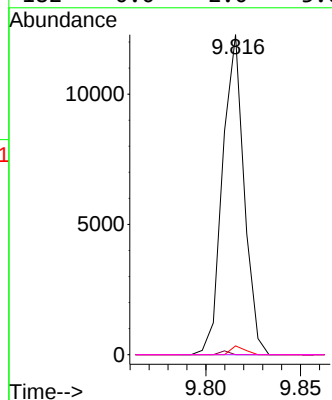
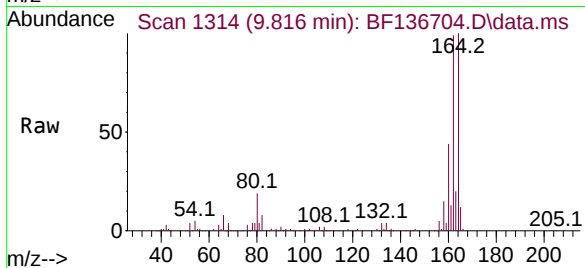




#57
2,4-Dinitrotoluene
Concen: 5.889 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

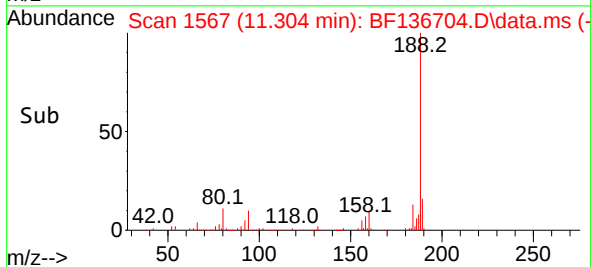
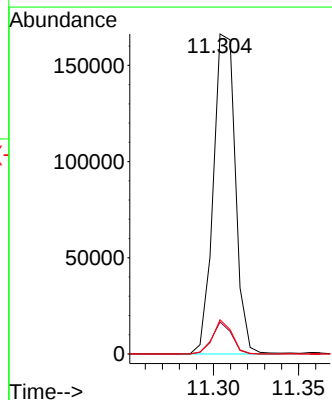
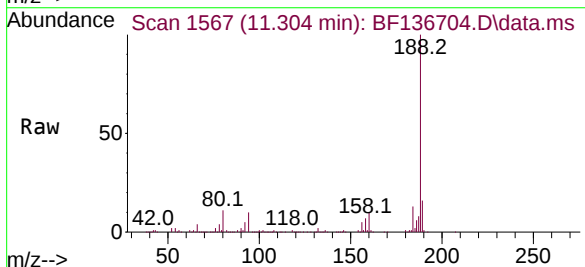
Instrument :
BNA_F
ClientSampleId :
SHORT-CONCRETE-PAD-1

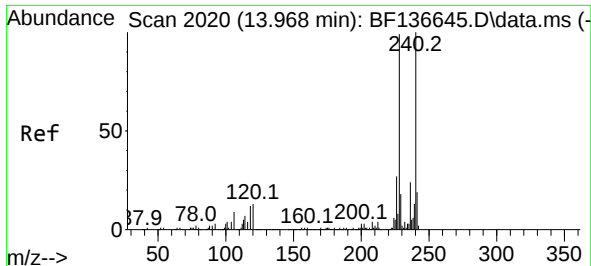
Tgt Ion:165 Resp: 9709
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 2.8 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

Tgt Ion:188 Resp: 149724
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.7 8.1 12.1

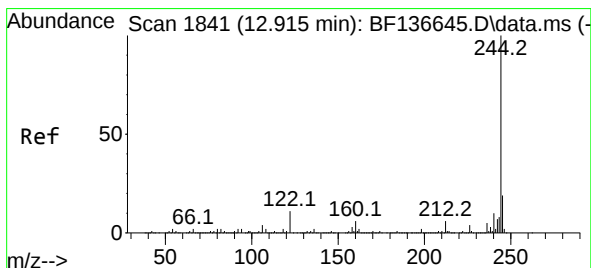
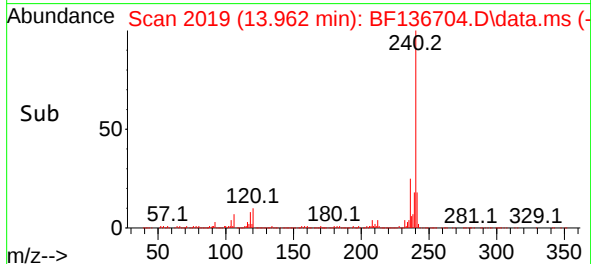
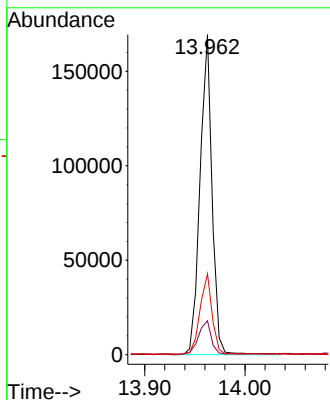
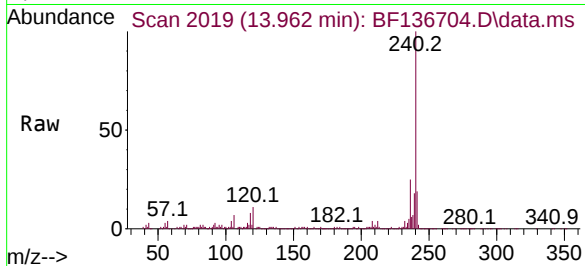




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

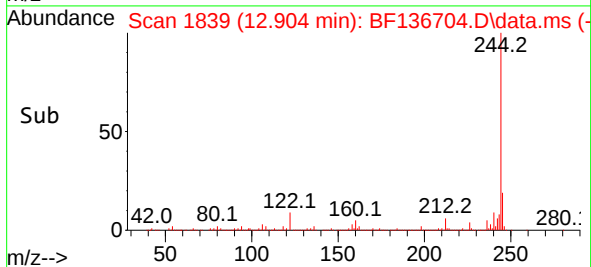
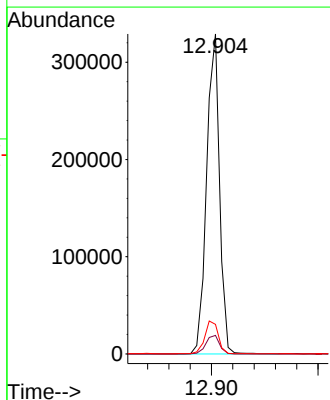
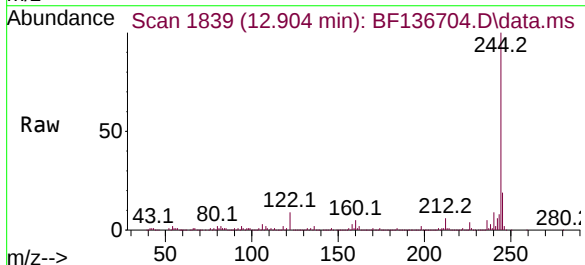
Instrument :
BNA_F
ClientSampleId :
SHORT-CONCRETE-PAD-1

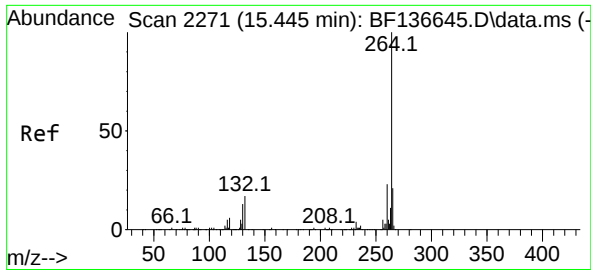
Tgt Ion:240 Resp: 141604
Ion Ratio Lower Upper
240 100
120 10.6 10.3 15.5
236 25.3 19.4 29.2



#79
Terphenyl-d14
Concen: 27.354 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

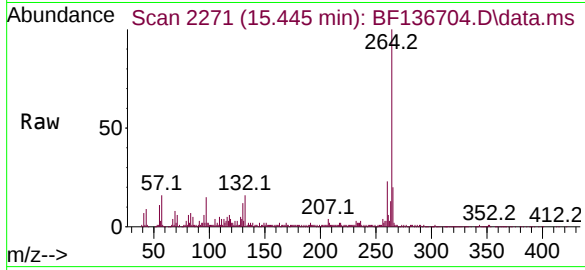
Tgt Ion:244 Resp: 277176
Ion Ratio Lower Upper
244 100
212 5.8 5.0 7.4
122 9.2 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136704.D
Acq: 23 Dec 2023 01:08

Instrument :
BNA_F
ClientSampleId :
SHORT-CONCRETE-PAD-1



Tgt Ion:	264	Resp:	98095
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.3	27.5
265	20.3	17.0	25.6

