

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136550.D
 Acq On : 13 Dec 2023 21:51
 Operator : CG\JU
 Sample : 05760-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Quant Time: Dec 14 01:45:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

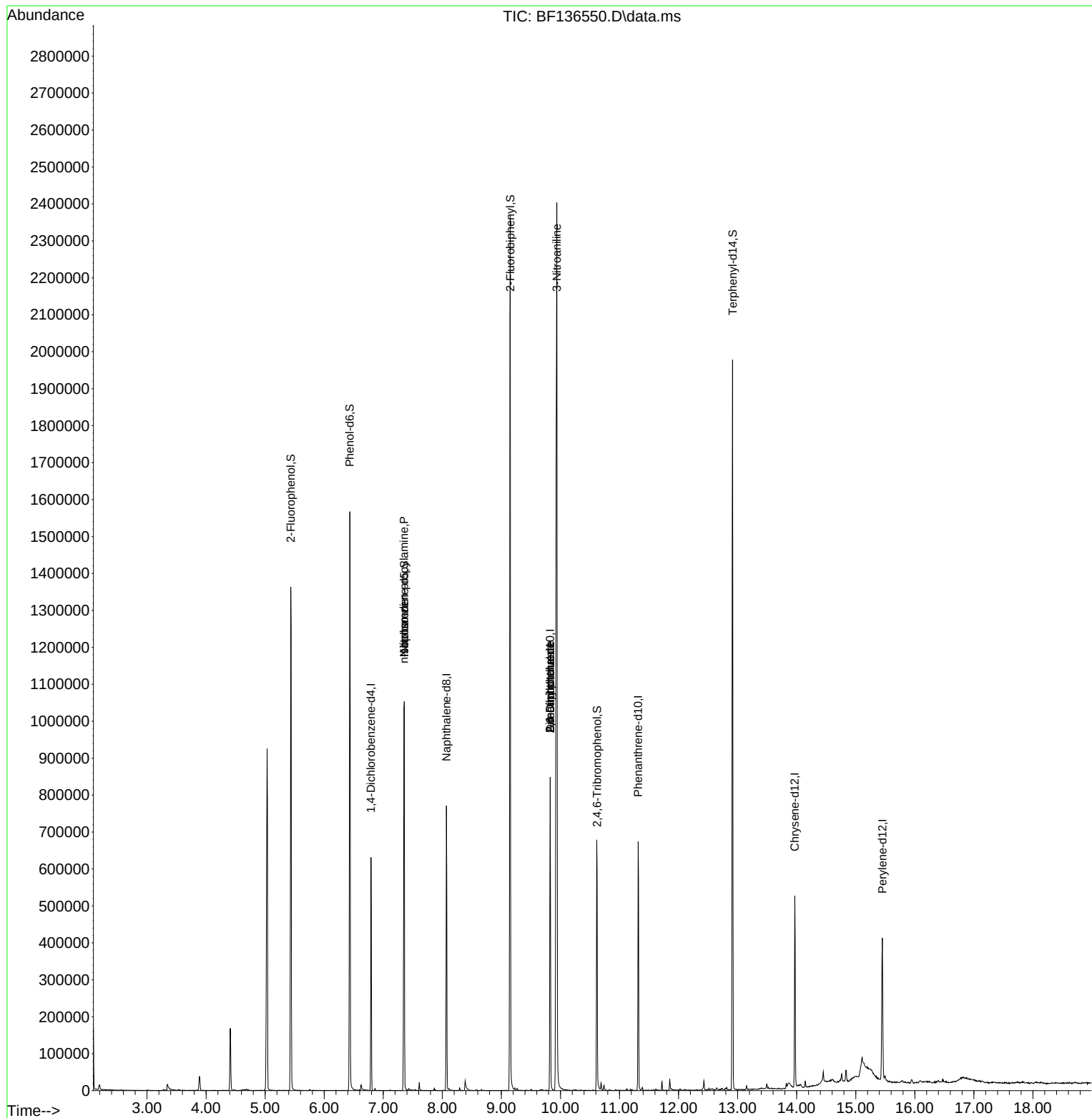
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	83882	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	335049	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	158580	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	250677	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	171992	20.000	ng	-0.01
86) Perylene-d12	15.451	264	191959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	394437	69.445	ng	0.00
7) Phenol-d6	6.434	99	540454	76.265	ng	-0.01
23) Nitrobenzene-d5	7.357	82	363349	58.627	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	89533	45.790	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	768790	66.150	ng	-0.01
79) Terphenyl-d14	12.915	244	650610	49.859	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	712	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	44949	10.996	ng	# 78
25) Isophorone	7.357	82	363346	32.632	ng	# 65
50) Dimethylphthalate	9.827	163	32366	2.772	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	19998	7.614	ng	# 28
53) 3-Nitroaniline	9.939	138	24955	9.304	ng	# 5
57) 2,4-Dinitrotoluene	9.827	165	19998	5.755	ng	# 28
77) Benzidine	12.915	184	7407	Below Cal	#	90

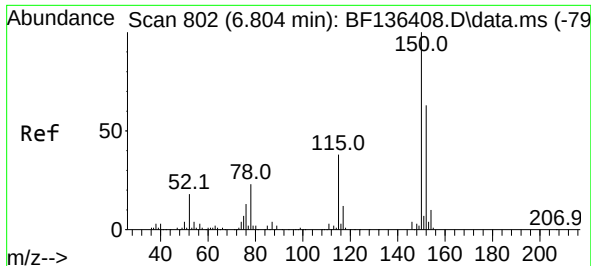
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136550.D
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Misc :
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Quant Time: Dec 14 01:45:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

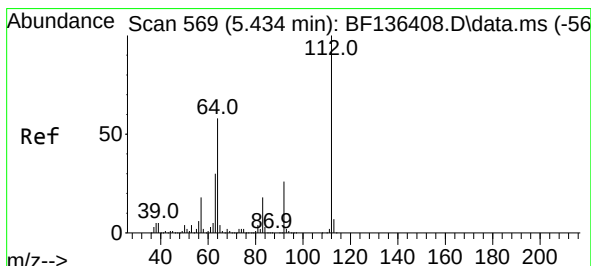
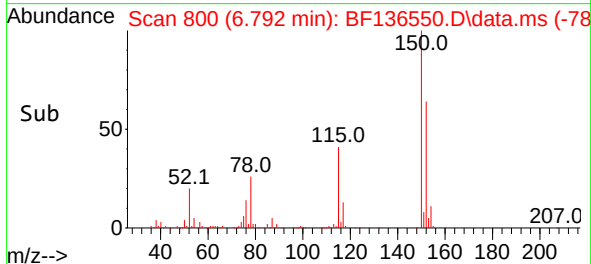
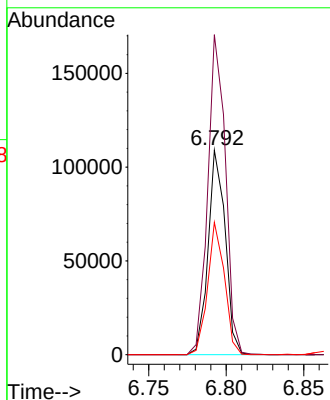
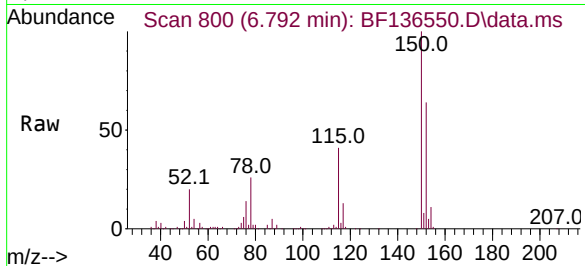




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

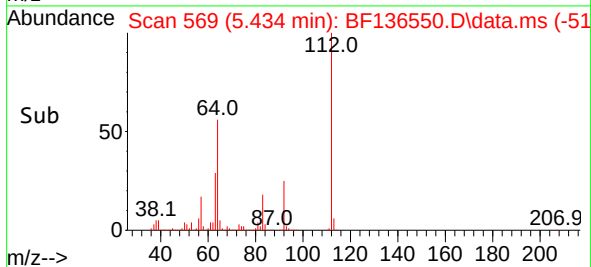
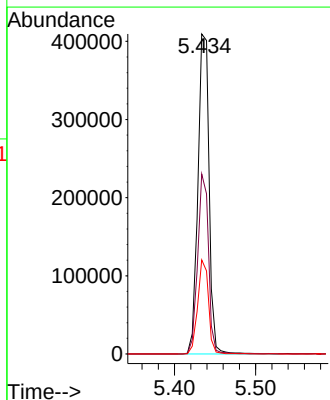
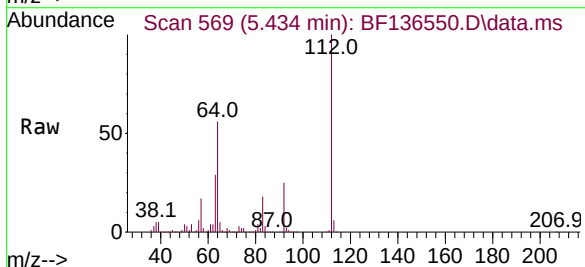
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

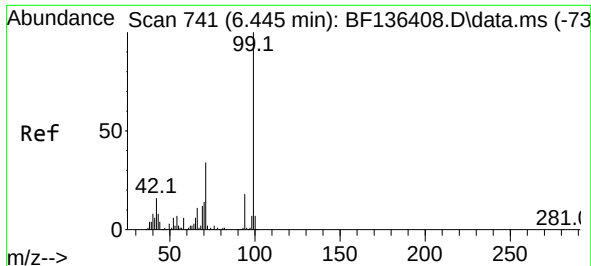
Tgt Ion:152 Resp: 83882
Ion Ratio Lower Upper
152 100
150 156.5 126.4 189.6
115 64.7 48.2 72.4



#5
2-Fluorophenol
Concen: 69.445 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

Tgt Ion:112 Resp: 394437
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 29.4 23.9 35.9

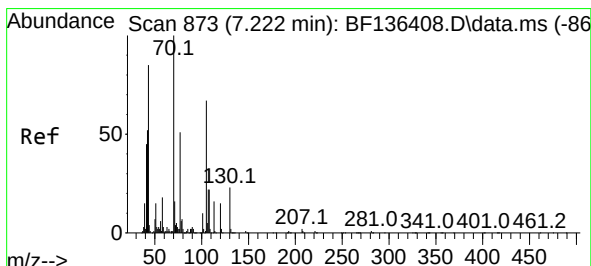
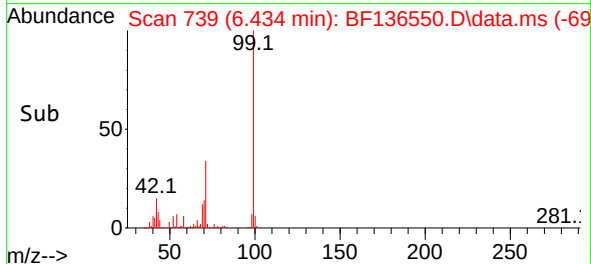
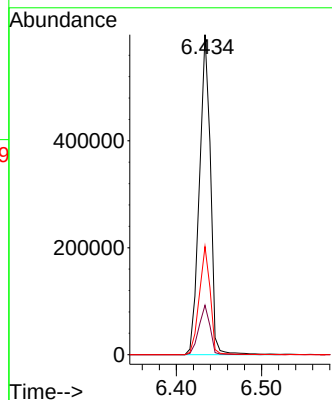
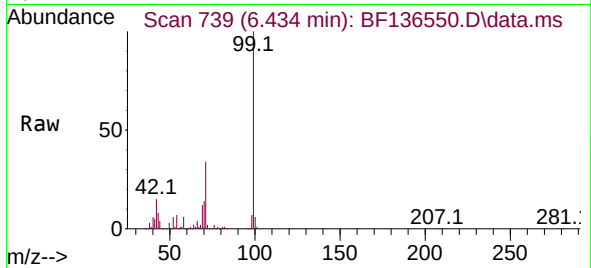




#7
Phenol-d6
Concen: 76.265 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

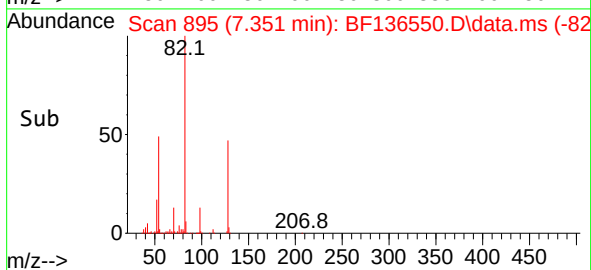
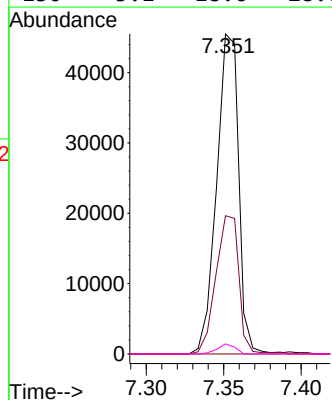
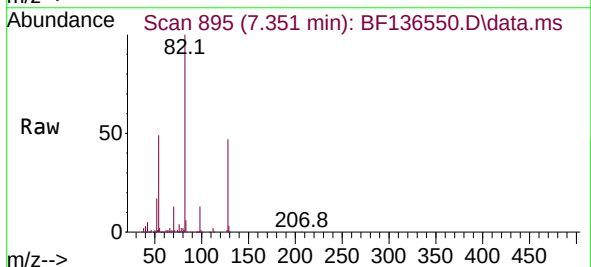
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

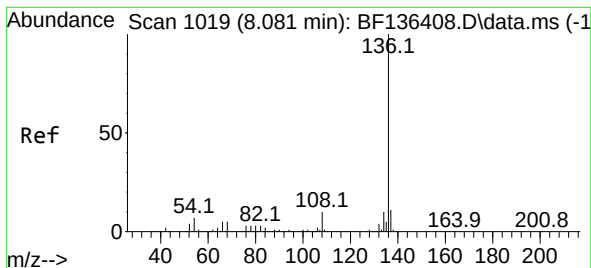
Tgt Ion: 99 Resp: 540454
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.8 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.996 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

Tgt Ion: 70 Resp: 44949
Ion Ratio Lower Upper
70 100
42 43.2 41.4 62.0
101 0.0 8.2 12.4#
130 3.1 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

Tgt Ion:136 Resp: 335049

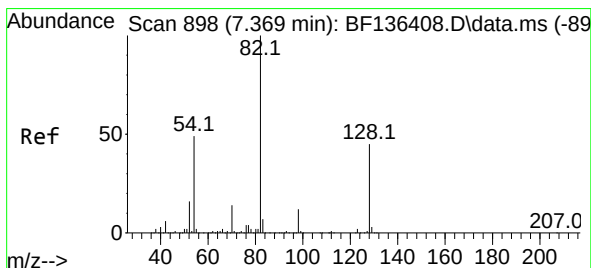
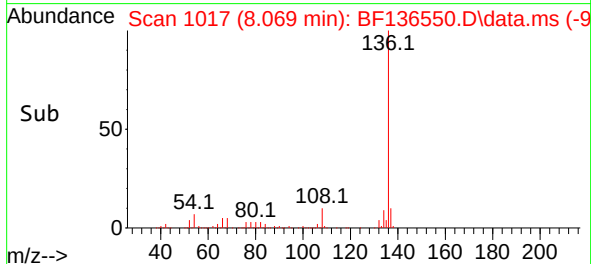
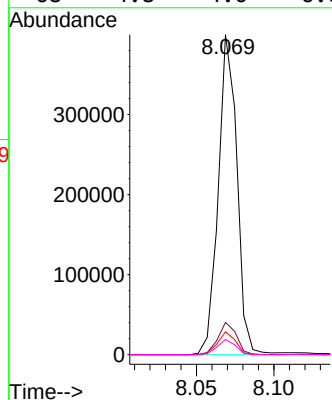
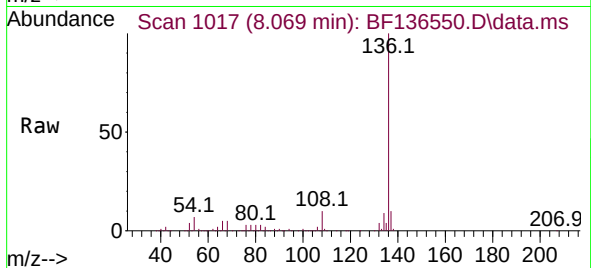
Ion Ratio Lower Upper

136 100

137 10.1 8.6 12.8

54 7.2 5.7 8.5

68 4.8 4.0 6.0



#23

Nitrobenzene-d5

Concen: 58.627 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

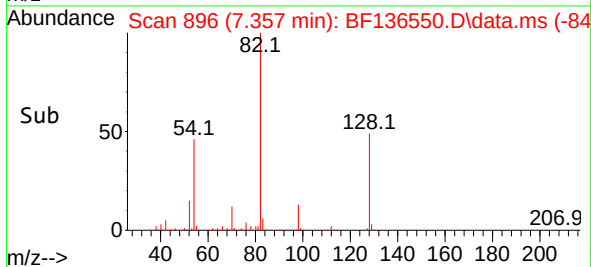
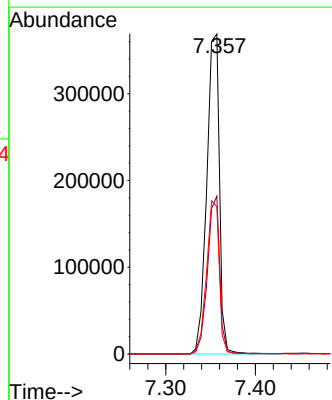
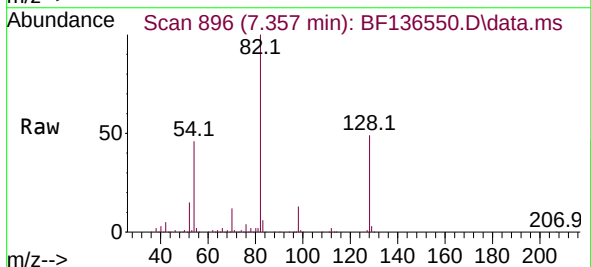
Tgt Ion: 82 Resp: 363349

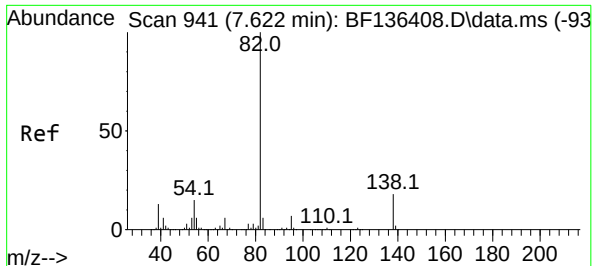
Ion Ratio Lower Upper

82 100

128 49.3 36.3 54.5

54 46.0 39.0 58.6

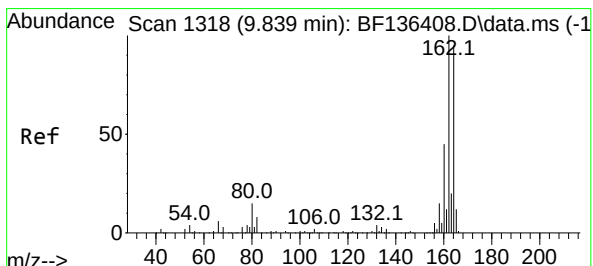
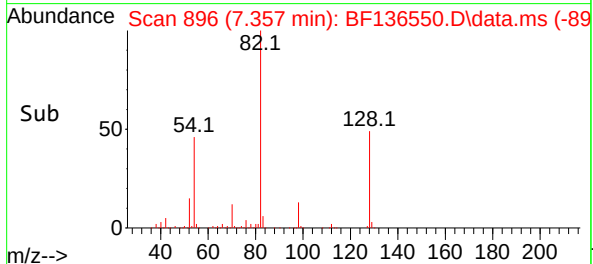
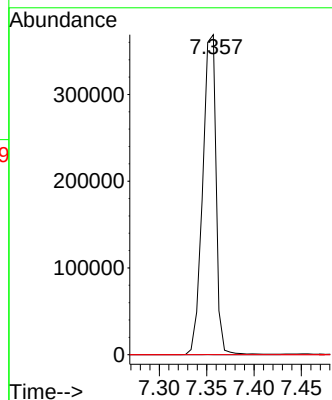
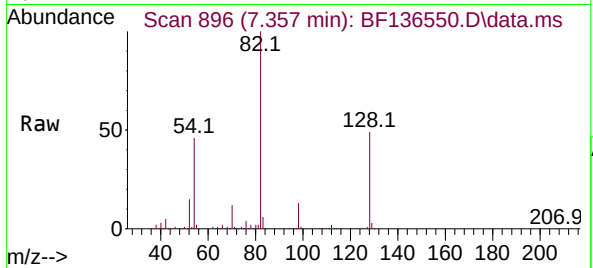




#25
Isophorone
Concen: 32.632 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

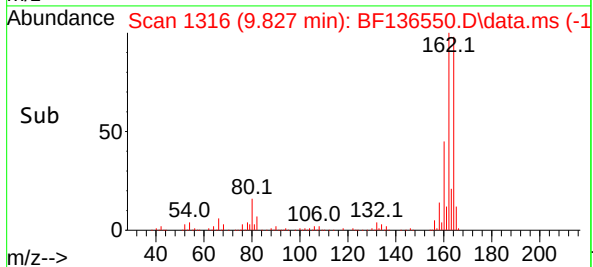
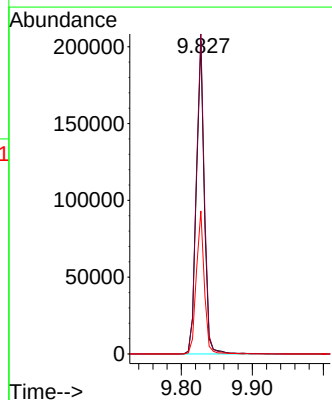
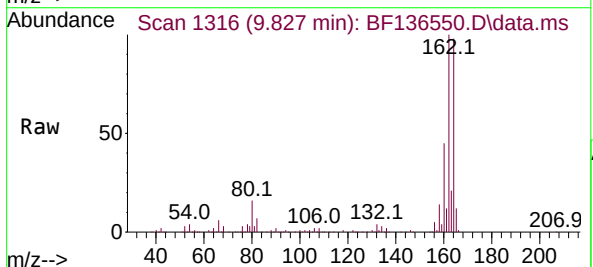
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

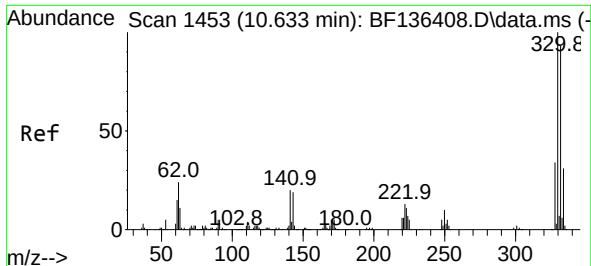
Tgt Ion: 82 Resp: 363346
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

Tgt Ion:164 Resp: 158580
Ion Ratio Lower Upper
164 100
162 102.3 84.4 126.6
160 45.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 45.790 ng

RT: 10.621 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

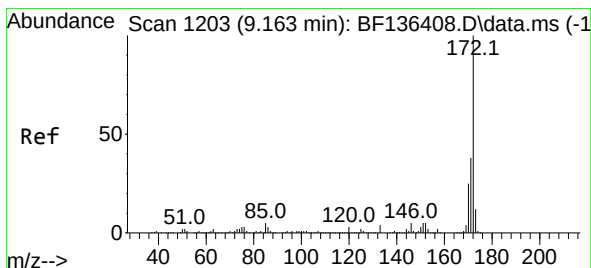
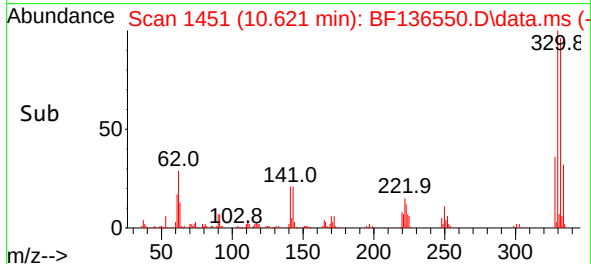
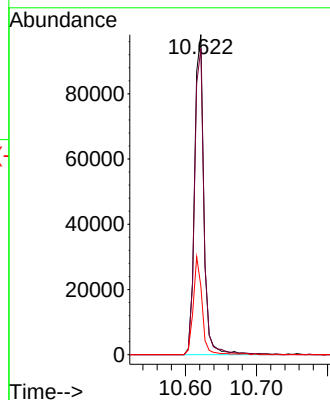
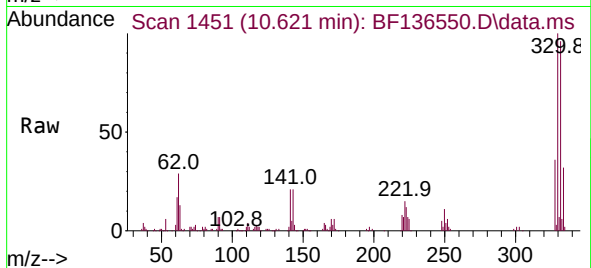
Tgt Ion:330 Resp: 89533

Ion Ratio Lower Upper

330 100

332 96.4 76.4 114.6

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 66.150 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

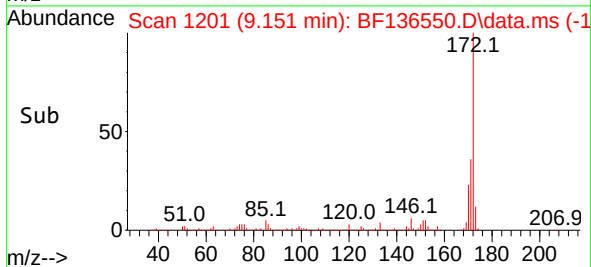
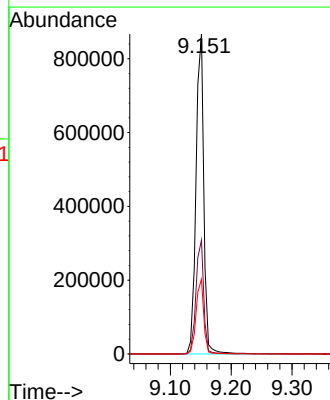
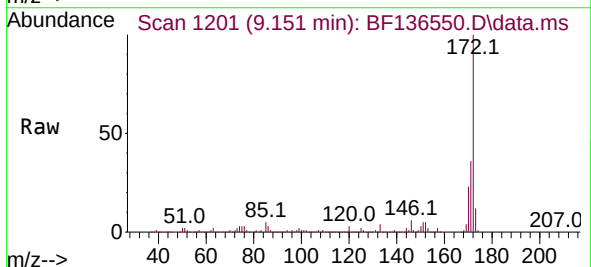
Tgt Ion:172 Resp: 768790

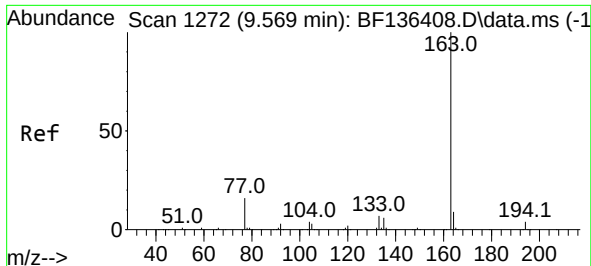
Ion Ratio Lower Upper

172 100

171 35.6 30.5 45.7

170 23.4 19.9 29.9

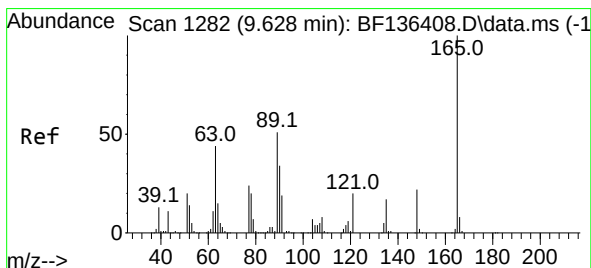
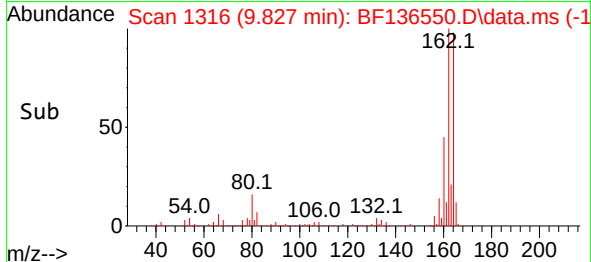
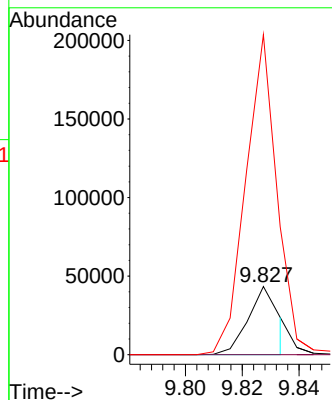
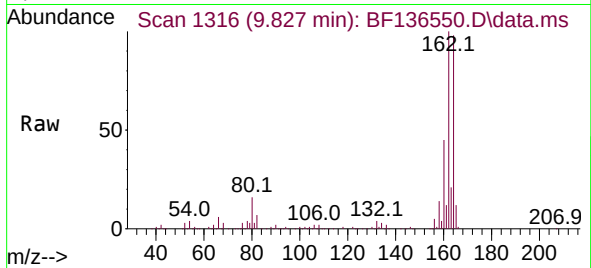




#50
Dimethylphthalate
Concen: 2.772 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

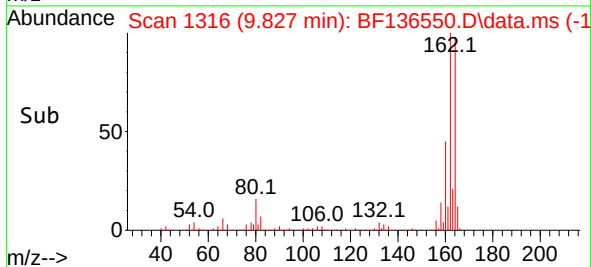
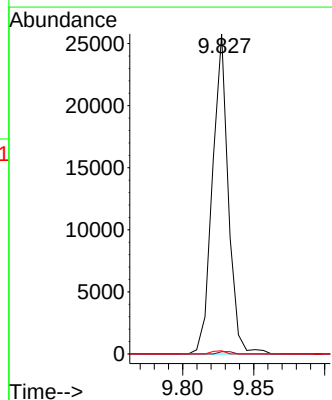
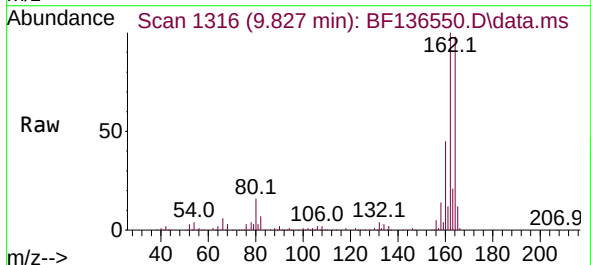
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

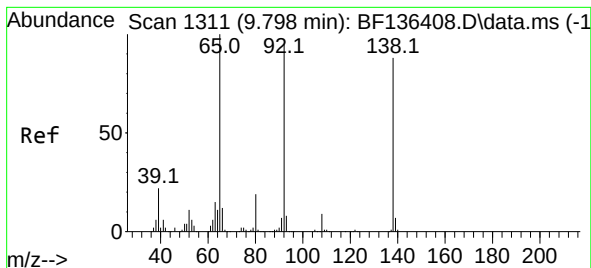
Tgt Ion:163 Resp: 32366
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 469.1 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.614 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

Tgt Ion:165 Resp: 19998
Ion Ratio Lower Upper
165 100
63 0.7 40.4 60.6#
89 1.0 40.6 60.8#





#53

3-Nitroaniline

Concen: 9.304 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.141 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

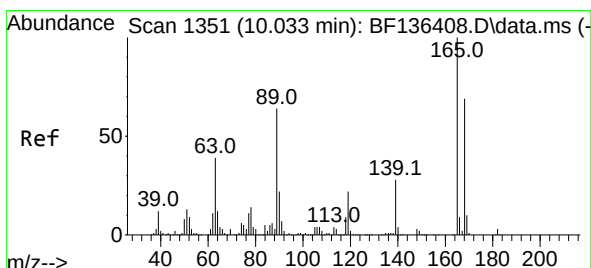
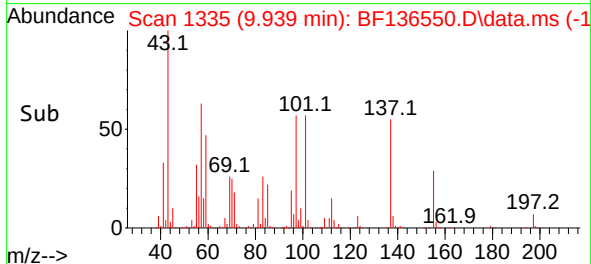
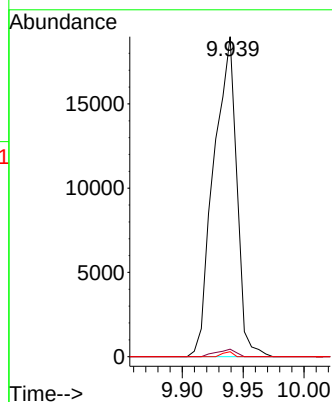
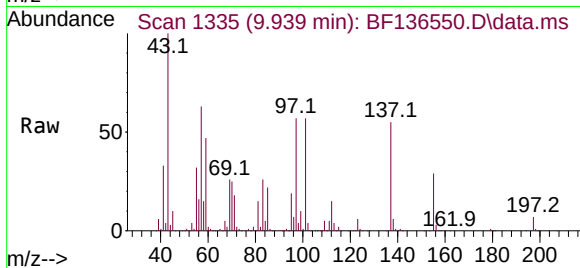
Tgt Ion:138 Resp: 24955

Ion Ratio Lower Upper

138 100

108 2.4 8.5 12.7#

92 1.6 86.1 129.1#



#57

2,4-Dinitrotoluene

Concen: 5.755 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.206 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

Tgt Ion:165 Resp: 19998

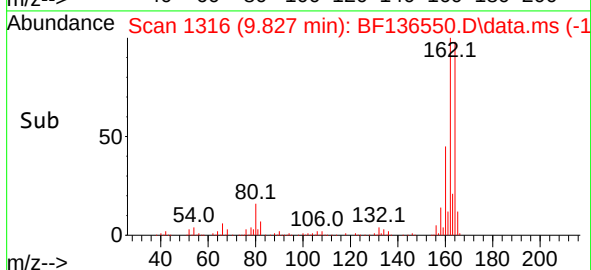
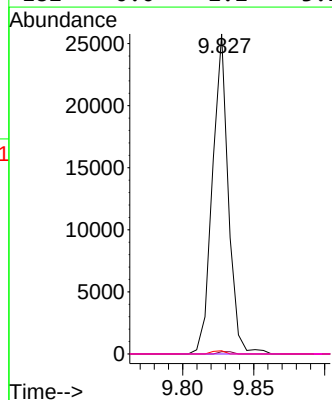
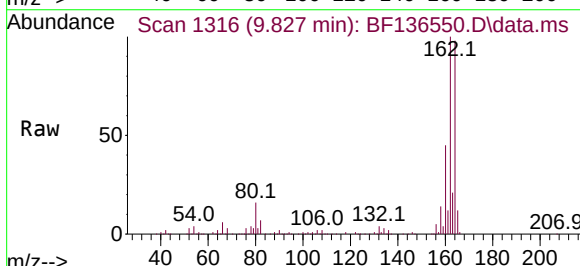
Ion Ratio Lower Upper

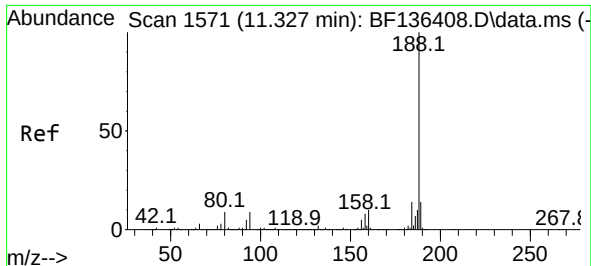
165 100

63 0.7 31.4 47.2#

89 1.0 51.7 77.5#

182 0.0 2.2 3.2#

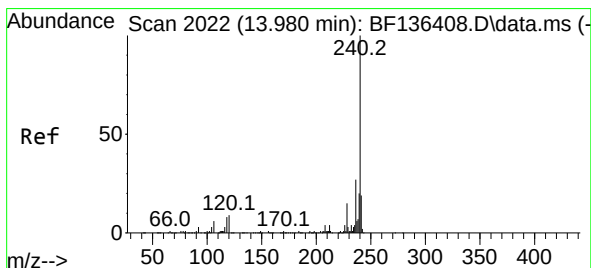
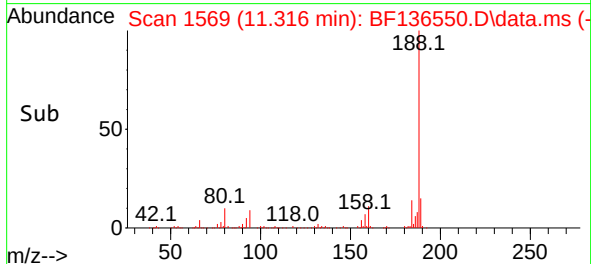
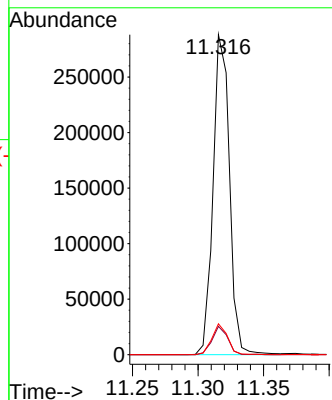
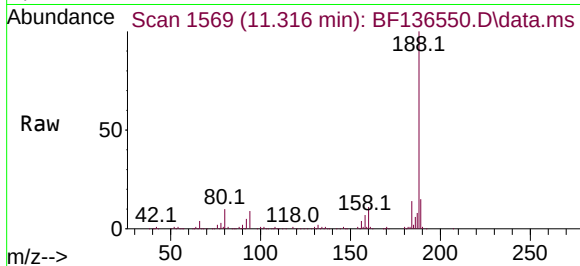




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

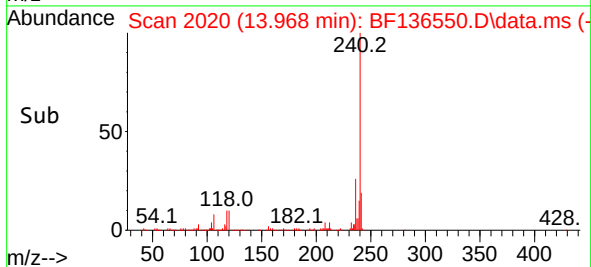
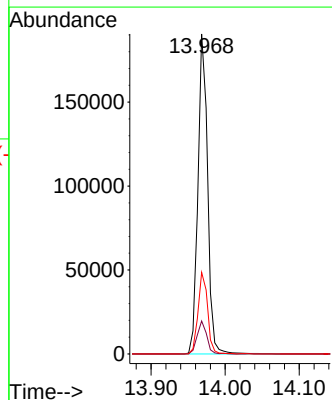
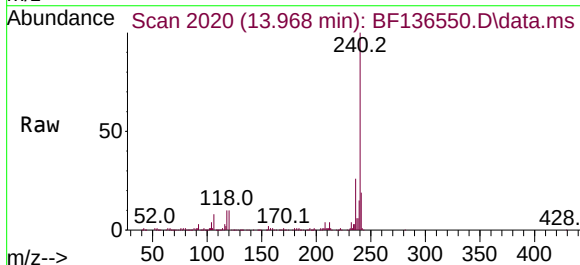
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

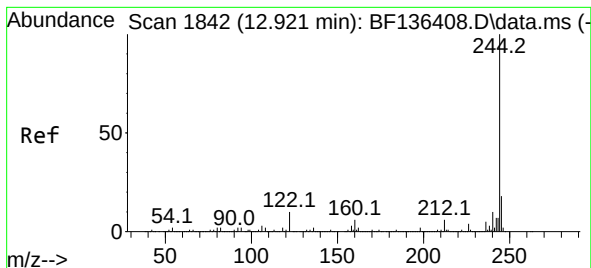
Tgt Ion:188 Resp: 250677
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

Tgt Ion:240 Resp: 171992
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 25.5 21.3 31.9





#79

Terphenyl-d14

Concen: 49.859 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

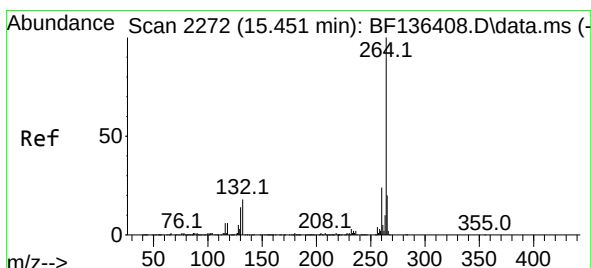
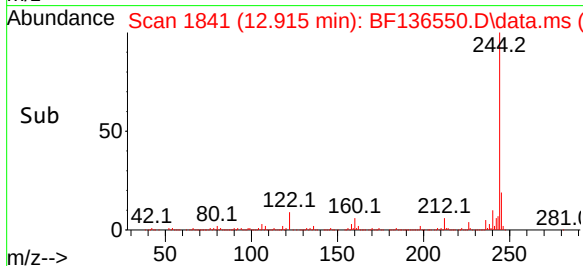
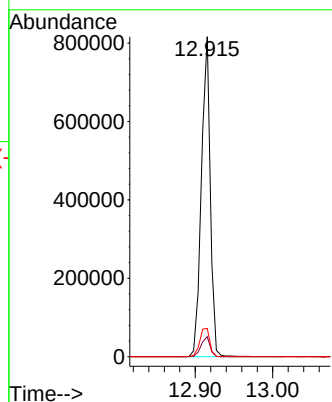
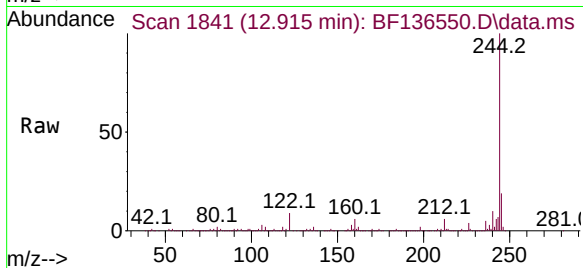
Tgt Ion:244 Resp: 650610

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 8.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

Tgt Ion:264 Resp: 191959

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.5 15.9 23.9

