

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136549.D
 Acq On : 13 Dec 2023 21:19
 Operator : CG\JU
 Sample : 05760-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Quant Time: Dec 14 01:45:29 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)

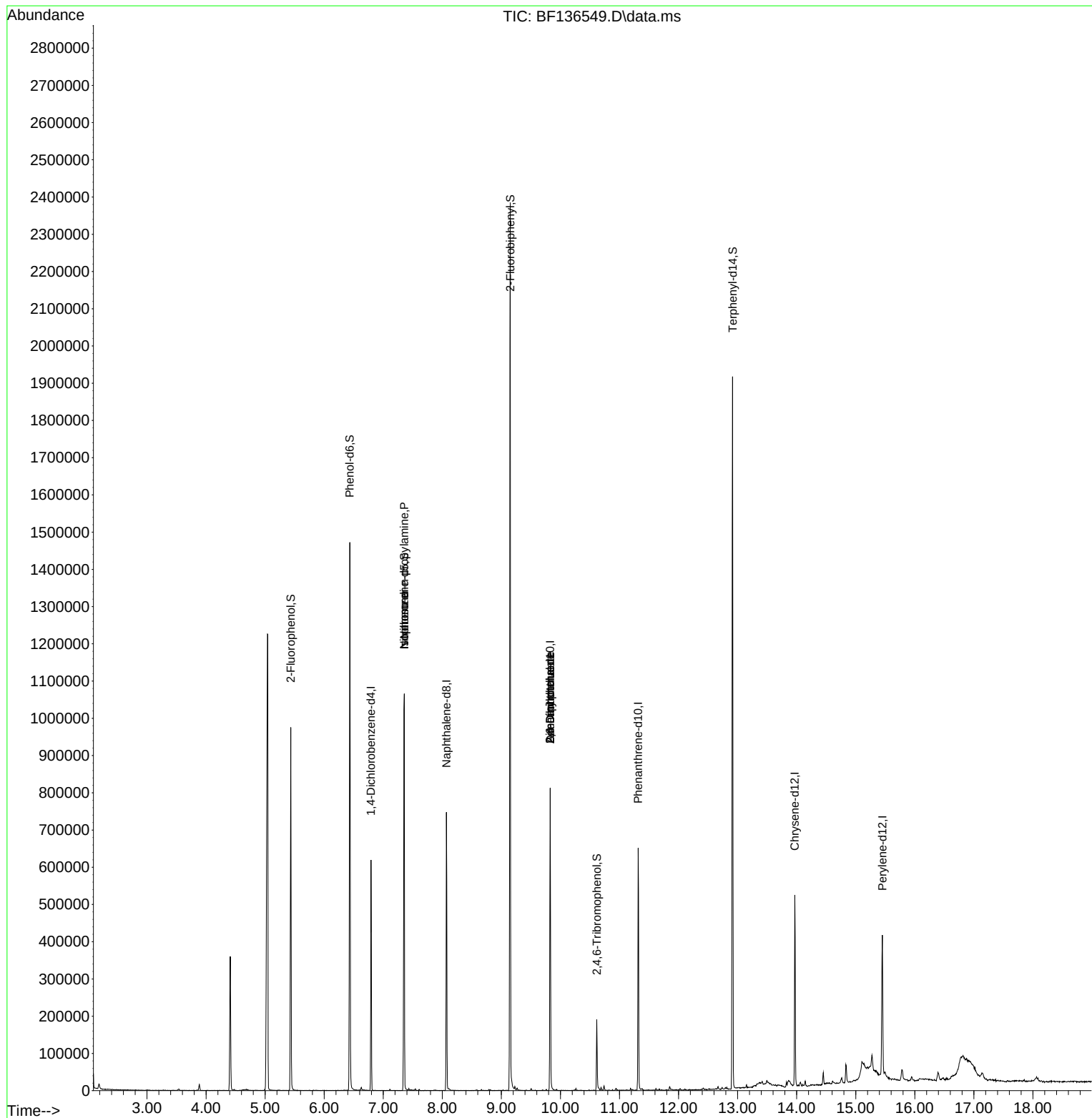
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	84812	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	328334	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	154064	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	250207	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	164646	20.000	ng	-0.01
86) Perylene-d12	15.451	264	183982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	240836	41.937	ng	0.00
7) Phenol-d6	6.433	99	485400	67.745	ng	-0.01
23) Nitrobenzene-d5	7.357	82	354037	58.292	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	24618	12.959	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	744433	65.932	ng	-0.01
79) Terphenyl-d14	12.915	244	661961	52.992	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.433	77	820	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	45808	11.083	ng	# 75
25) Isophorone	7.357	82	354034	32.446	ng	# 65
50) Dimethylphthalate	9.827	163	31076	2.740	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	19472	7.631	ng	# 28
57) 2,4-Dinitrotoluene	9.827	165	19473	5.769	ng	# 27

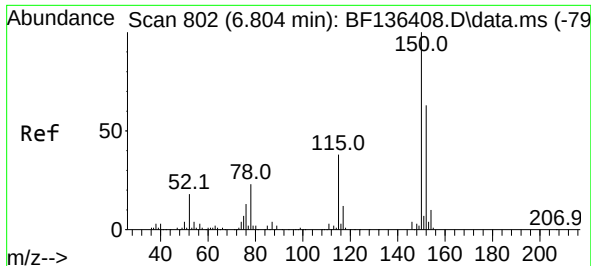
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136549.D
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Sample : 05760-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

Quant Time: Dec 14 01:45:29 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

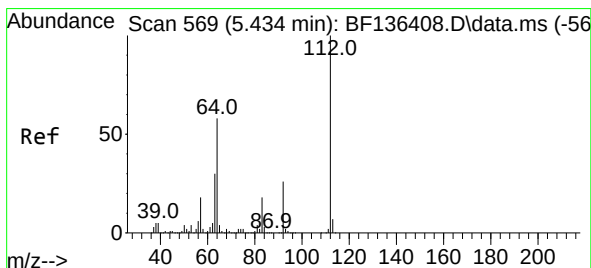
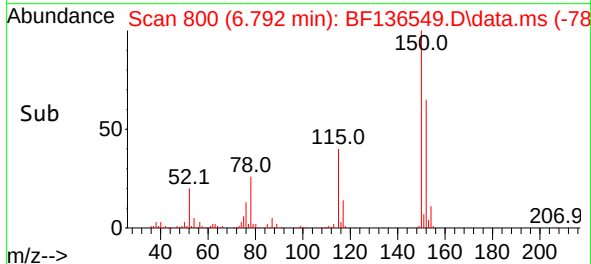
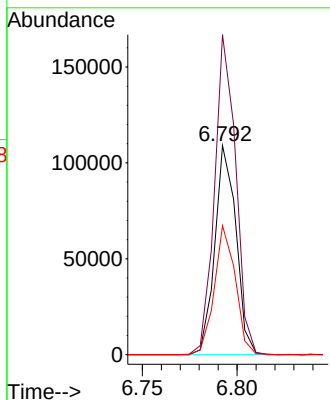
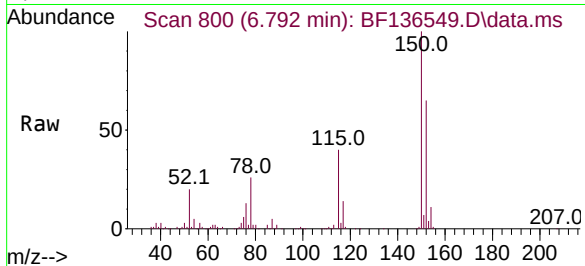




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

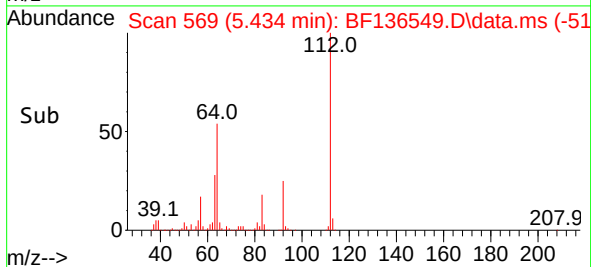
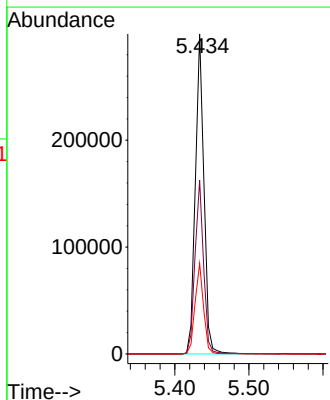
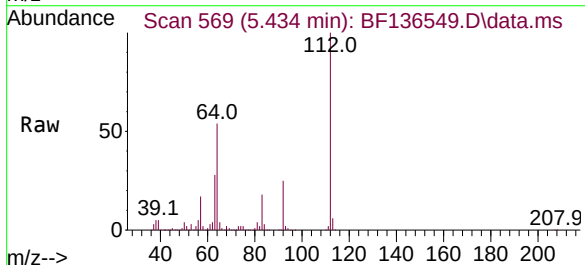
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

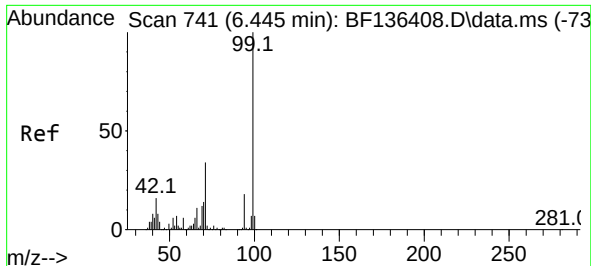
Tgt Ion:152 Resp: 84812
Ion Ratio Lower Upper
152 100
150 153.1 126.4 189.6
115 61.7 48.2 72.4



#5
2-Fluorophenol
Concen: 41.937 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

Tgt Ion:112 Resp: 240836
Ion Ratio Lower Upper
112 100
64 54.4 46.5 69.7
63 28.3 23.9 35.9

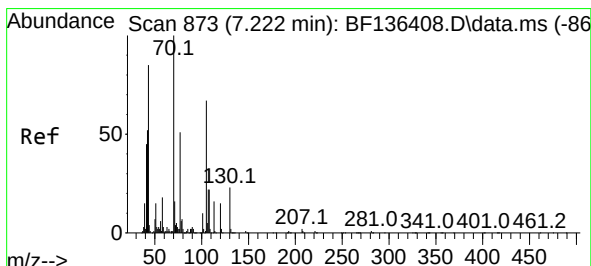
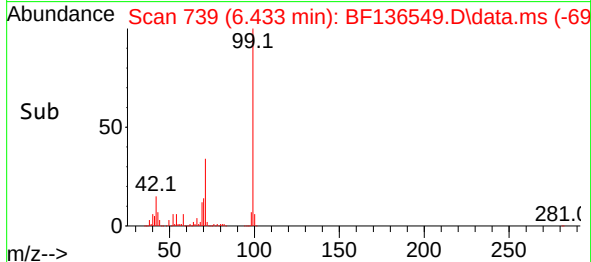
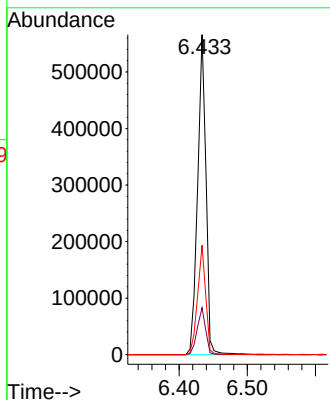
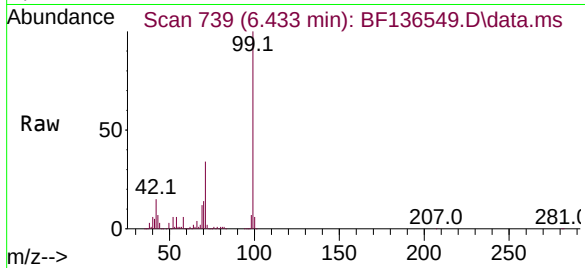




#7
Phenol-d6
Concen: 67.745 ng
RT: 6.433 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

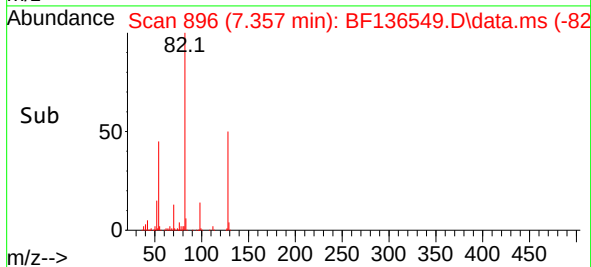
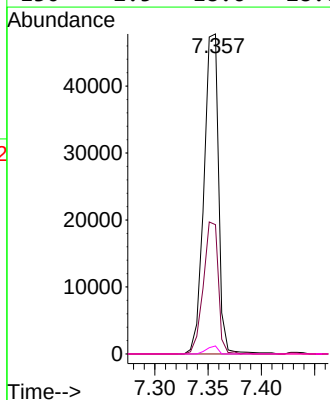
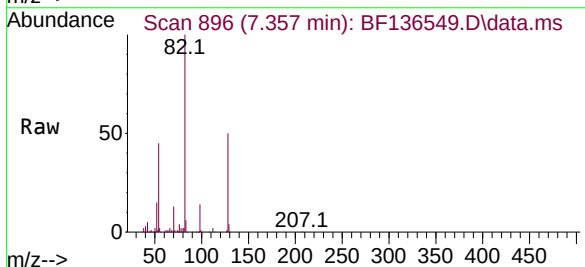
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

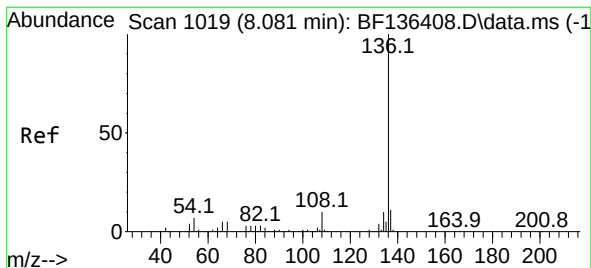
Tgt Ion: 99 Resp: 485400
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 34.2 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.083 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

Tgt Ion: 70 Resp: 45808
Ion Ratio Lower Upper
70 100
42 40.4 41.4 62.0#
101 0.0 8.2 12.4#
130 2.5 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: BF136549.D

Acq: 13 Dec 2023 21:19

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

Tgt Ion:136 Resp: 328334

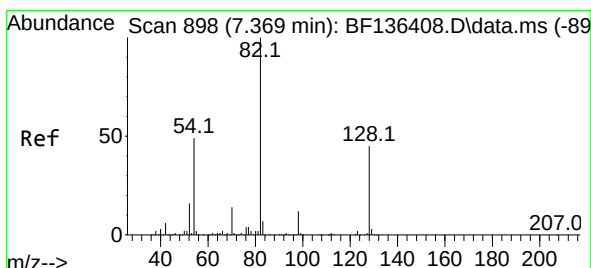
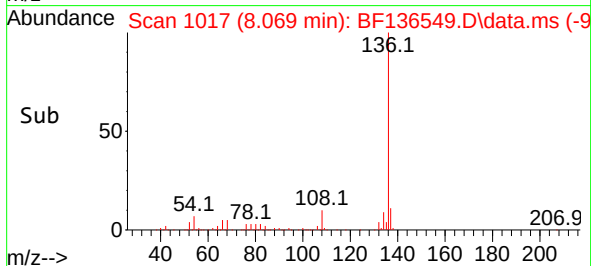
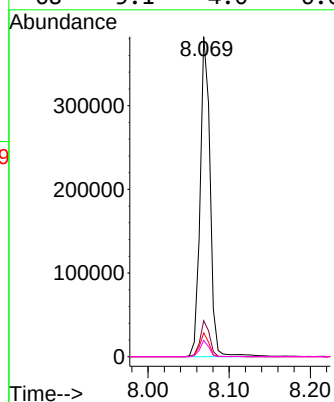
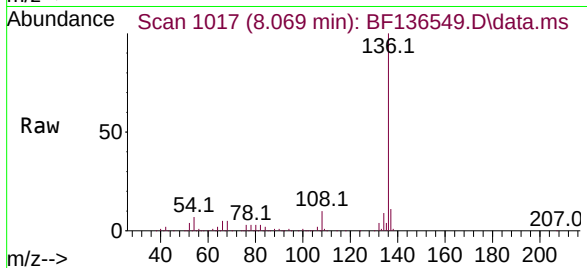
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 7.5 5.7 8.5

68 5.1 4.0 6.0



#23

Nitrobenzene-d5

Concen: 58.292 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136549.D

Acq: 13 Dec 2023 21:19

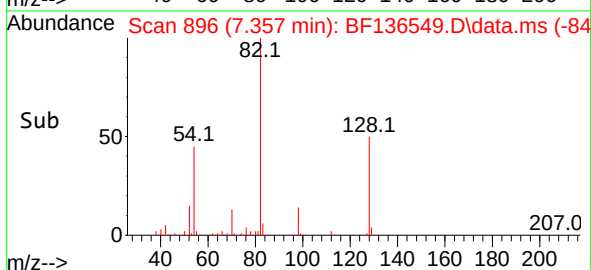
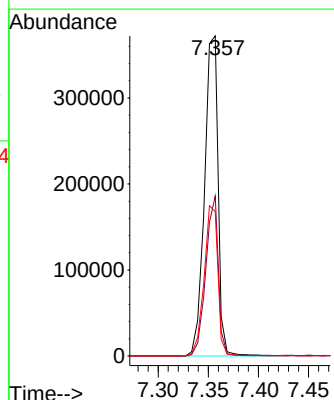
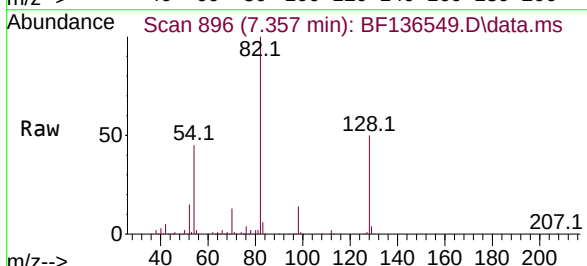
Tgt Ion: 82 Resp: 354037

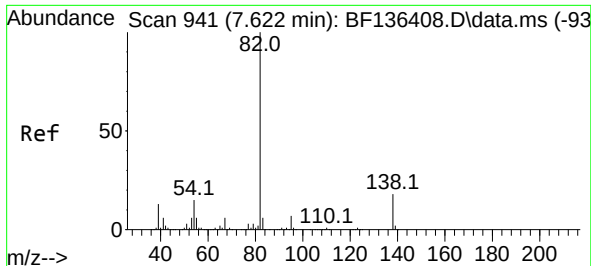
Ion Ratio Lower Upper

82 100

128 49.9 36.3 54.5

54 45.1 39.0 58.6

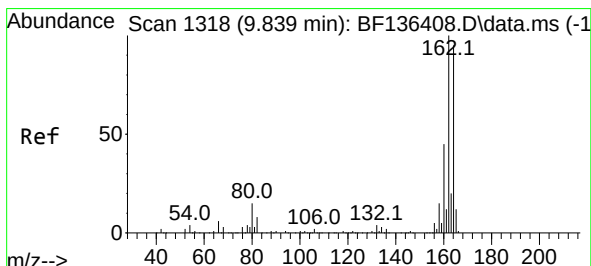
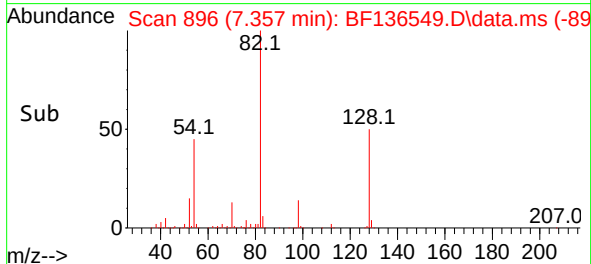
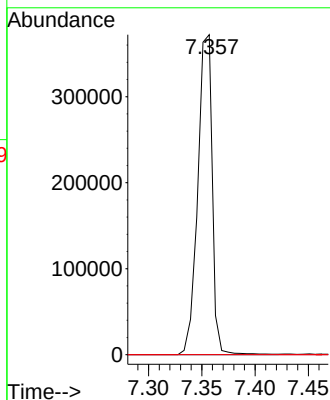
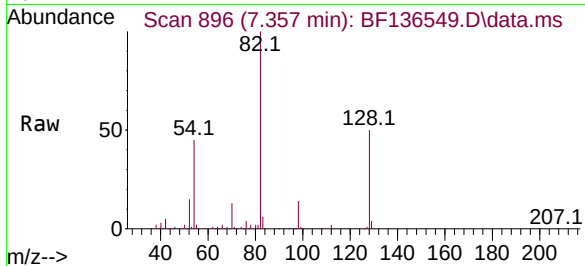




#25
Isophorone
Concen: 32.446 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

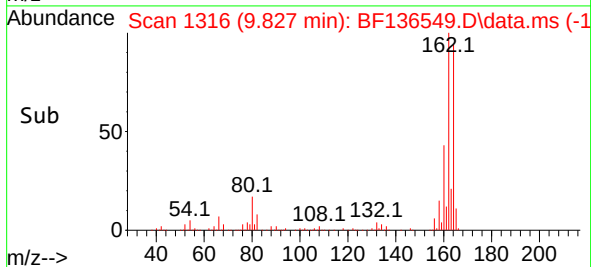
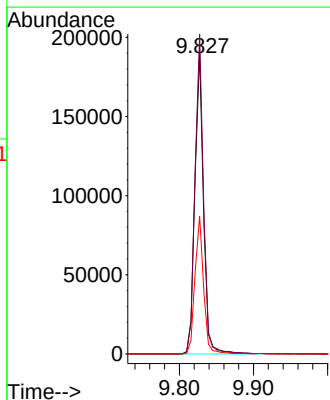
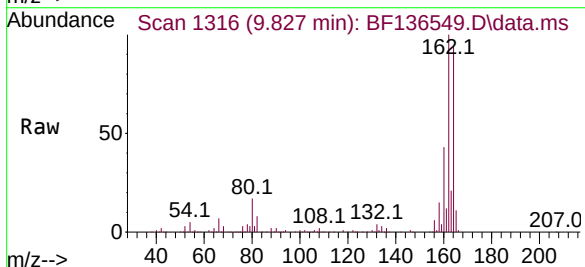
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

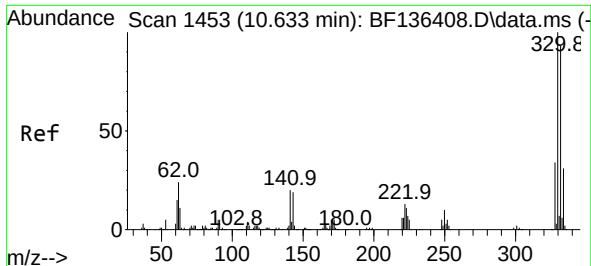
Tgt Ion: 82 Resp: 354034
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

Tgt Ion:164 Resp: 154064
Ion Ratio Lower Upper
164 100
162 106.3 84.4 126.6
160 45.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 12.959 ng

RT: 10.616 min Scan# 1453

Delta R.T. -0.018 min

Lab File: BF136549.D

Acq: 13 Dec 2023 21:19

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

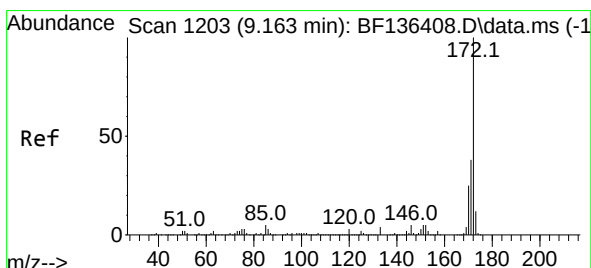
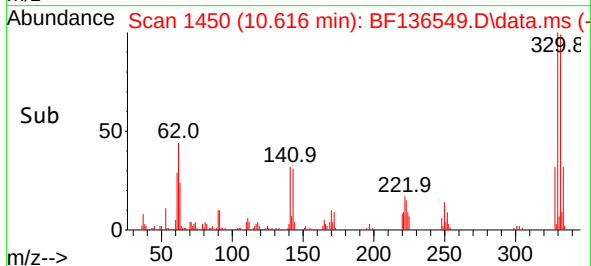
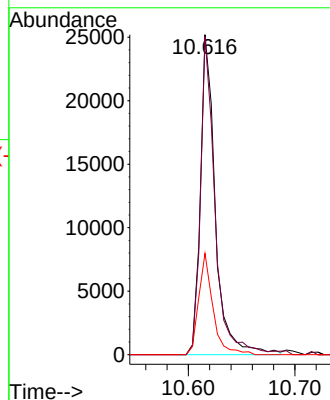
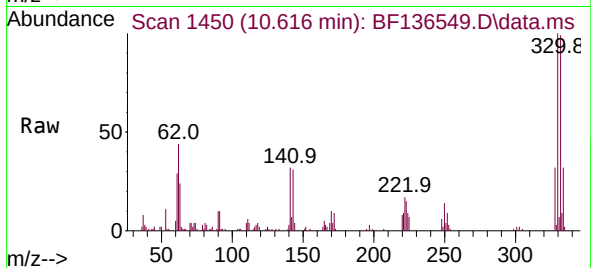
Tgt Ion:330 Resp: 24618

Ion Ratio Lower Upper

330 100

332 97.2 76.4 114.6

141 30.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 65.932 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136549.D

Acq: 13 Dec 2023 21:19

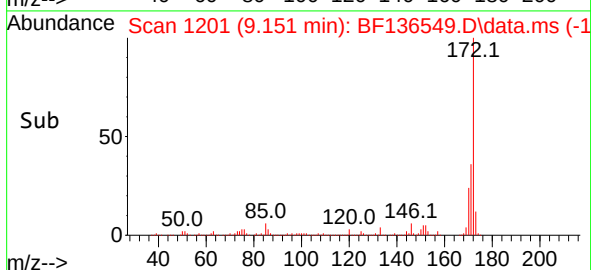
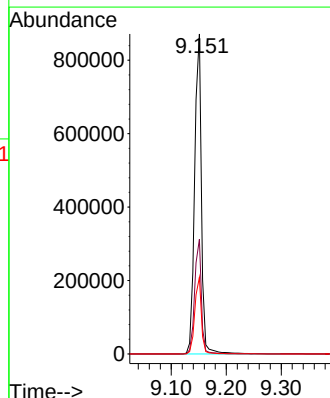
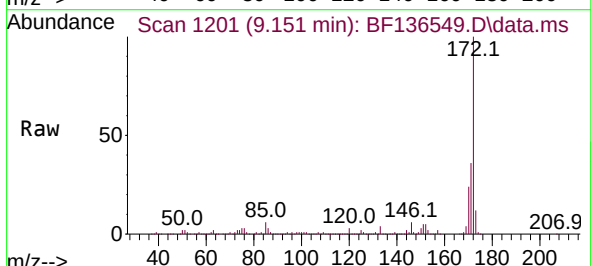
Tgt Ion:172 Resp: 744433

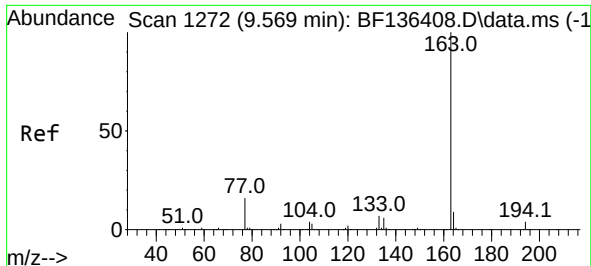
Ion Ratio Lower Upper

172 100

171 35.9 30.5 45.7

170 24.0 19.9 29.9

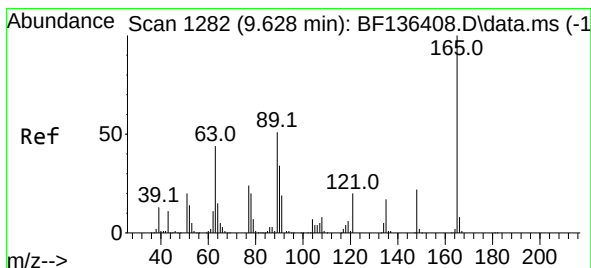
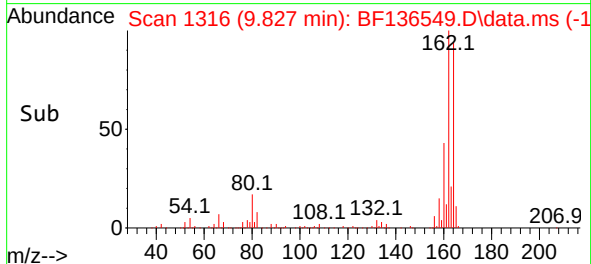
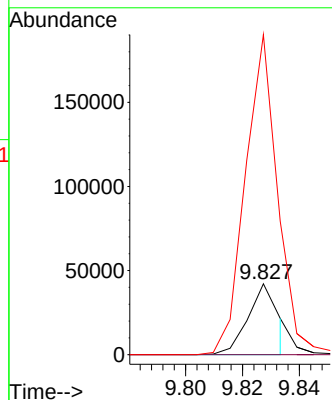
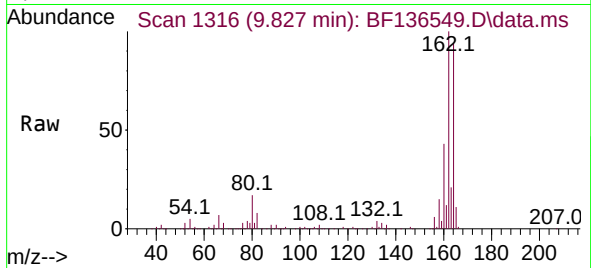




#50
Dimethylphthalate
Concen: 2.740 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

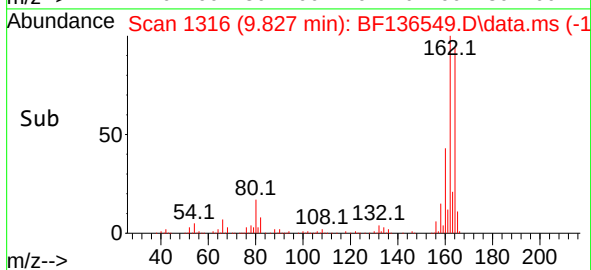
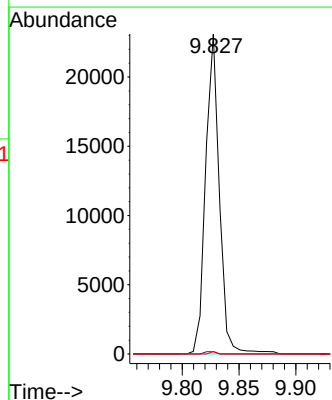
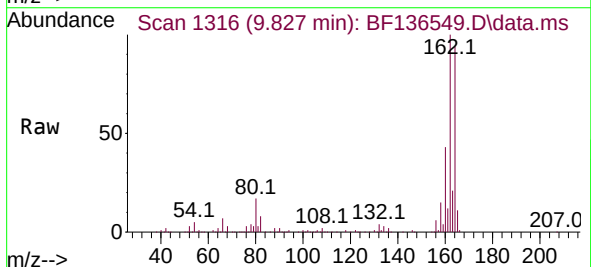
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

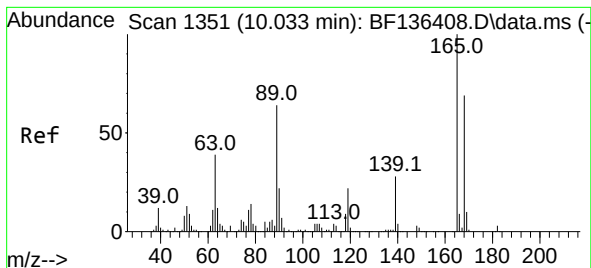
Tgt Ion:163 Resp: 31076
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 451.2 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.631 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

Tgt Ion:165 Resp: 19472
Ion Ratio Lower Upper
165 100
63 0.7 40.4 60.6#
89 0.7 40.6 60.8#

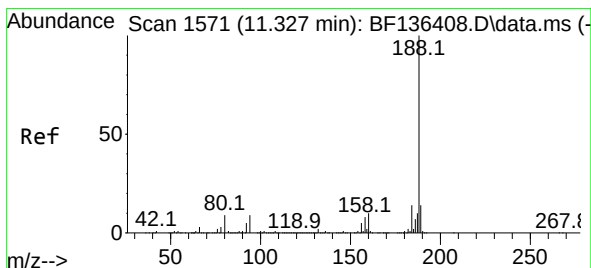
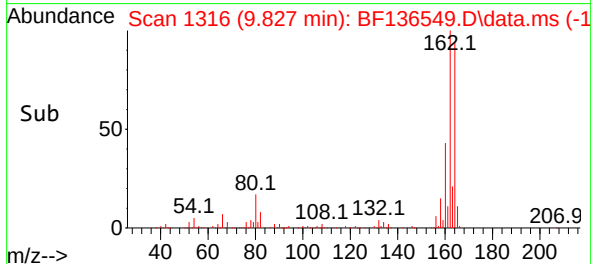
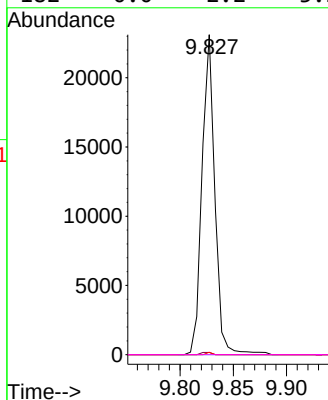
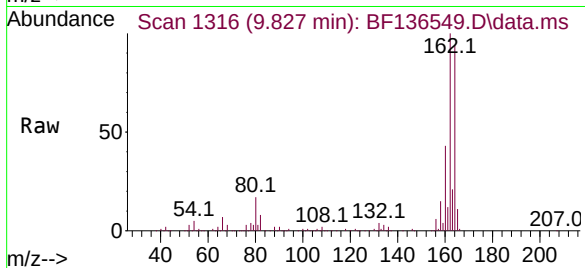




#57
2,4-Dinitrotoluene
Concen: 5.769 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

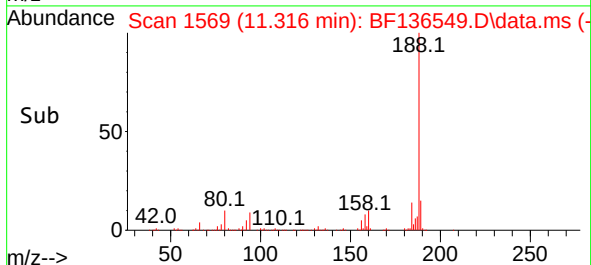
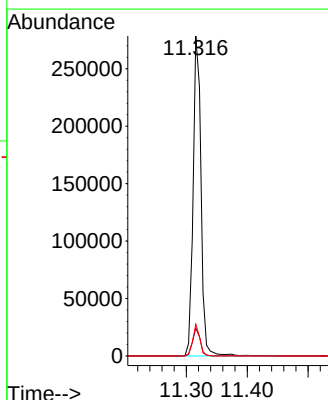
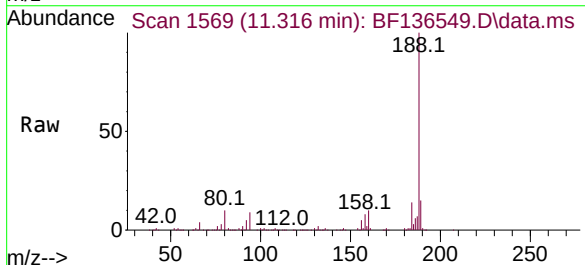
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

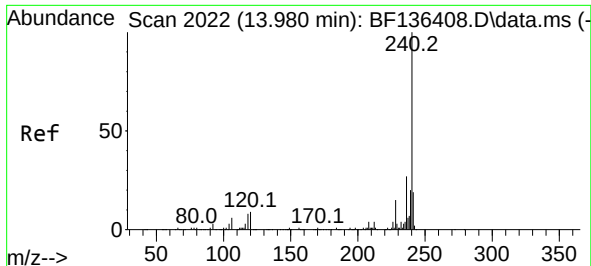
Tgt Ion:165 Resp: 19473
Ion Ratio Lower Upper
165 100
63 0.7 31.4 47.2#
89 0.7 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

Tgt Ion:188 Resp: 250207
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.9 7.2 10.8

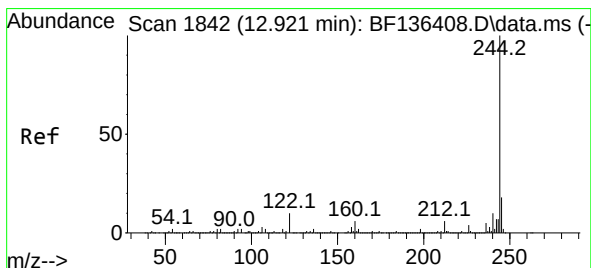
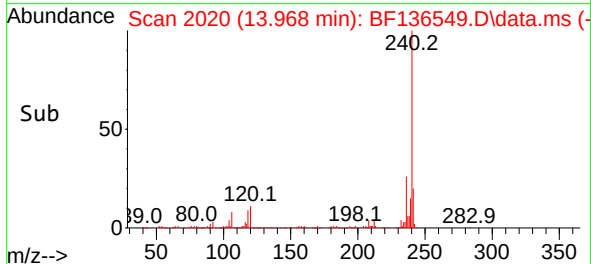
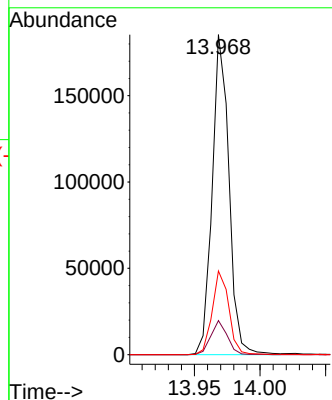
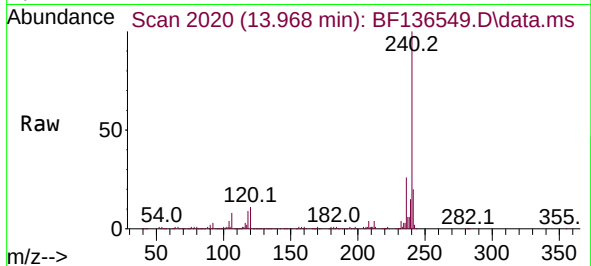




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

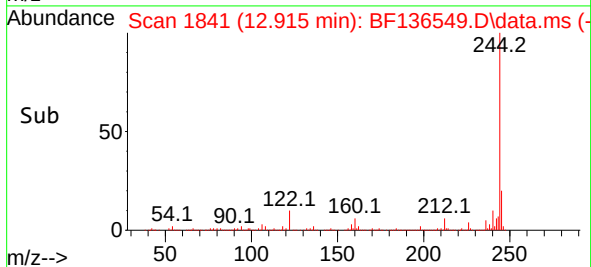
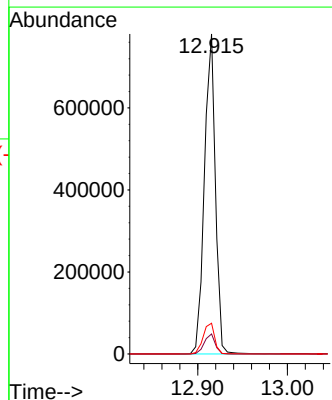
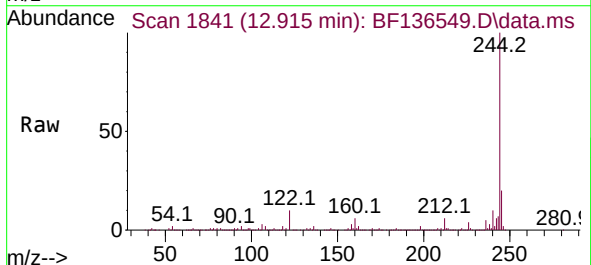
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

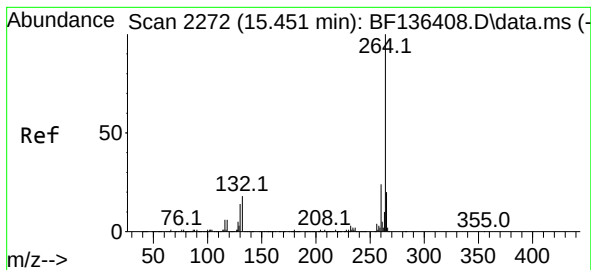
Tgt Ion:240 Resp: 164646
Ion Ratio Lower Upper
240 100
120 10.7 7.3 10.9
236 26.1 21.3 31.9



#79
Terphenyl-d14
Concen: 52.992 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136549.D
Acq: 13 Dec 2023 21:19

Tgt Ion:244 Resp: 661961
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 9.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136549.D
 Acq: 13 Dec 2023 21:19

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tgt Ion:264 Resp: 183982
 Ion Ratio Lower Upper
 264 100
 260 21.4 19.2 28.8
 265 21.1 15.9 23.9

