

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100824\
 Data File : BF139710.D
 Acq On : 08 Oct 2024 14:05
 Operator : RC/JU
 Sample : P4328-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RO

Quant Time: Oct 08 14:30:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

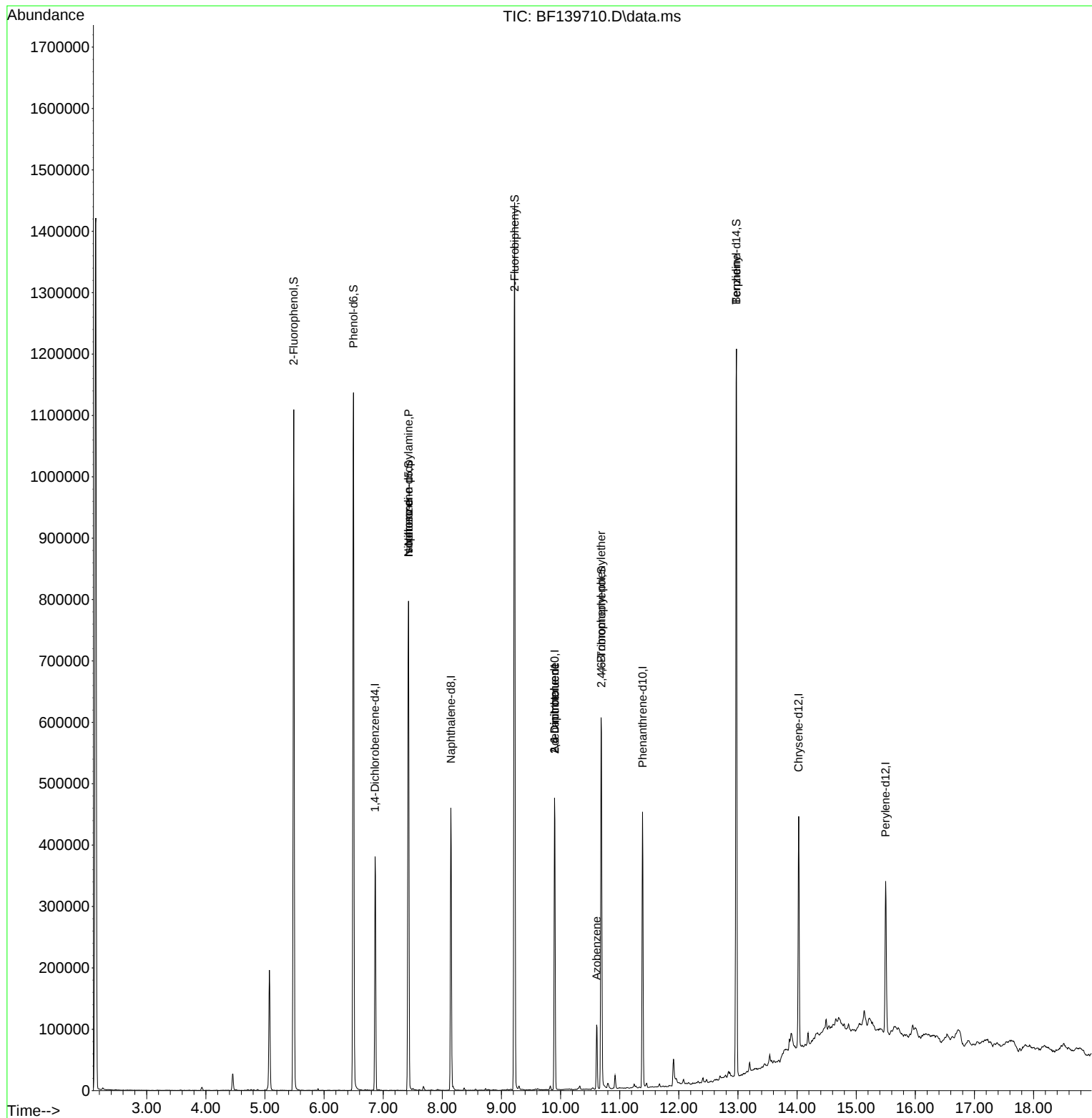
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	76585	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	277164	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	140632	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	232617	20.000	ng	0.00
76) Chrysene-d12	14.027	240	174990	20.000	ng	0.00
86) Perylene-d12	15.498	264	143610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	373162	84.453	ng	0.00
7) Phenol-d6	6.498	99	500573	84.242	ng	0.00
23) Nitrobenzene-d5	7.428	82	334029	61.018	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	96172	70.841	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	616404	67.289	ng	0.00
79) Terphenyl-d14	12.974	244	577053	54.109	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	44910	11.756	ng	# 75
25) Isophorone	7.428	82	331467	34.091	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	18027	8.669	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	18027	6.632	ng	# 17
63) Azobenzene	10.610	77	27560	2.882	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	6407	2.686	ng	# 1
77) Benzidine	12.974	184	8209	2.660	ng	# 93

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

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ALS Vial : 11 Sample Multiplier: 1

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BNA_F
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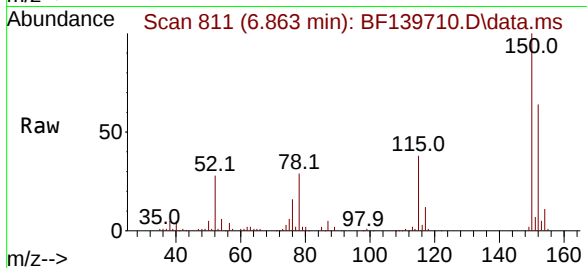
Quant Time: Oct 08 14:30:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



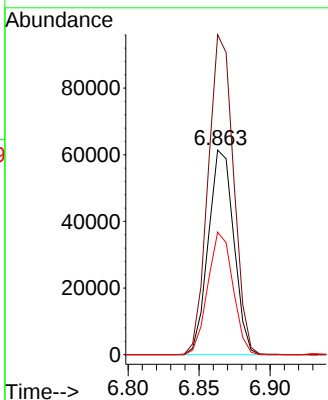
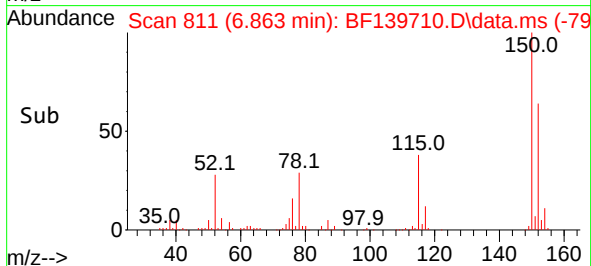


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RO

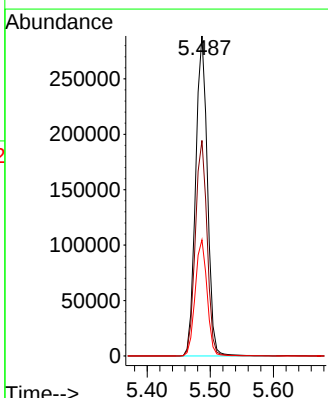
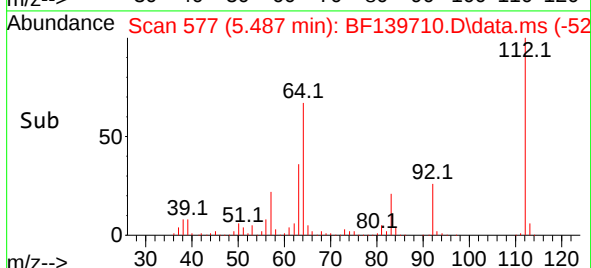
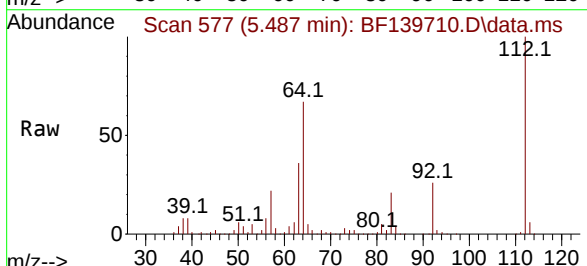


Tgt Ion:152 Resp: 76585
Ion Ratio Lower Upper
152 100
150 156.3 127.2 190.8
115 59.9 49.0 73.4



#5
2-Fluorophenol
Concen: 84.453 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

Tgt Ion:112 Resp: 373162
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 36.3 29.4 44.2

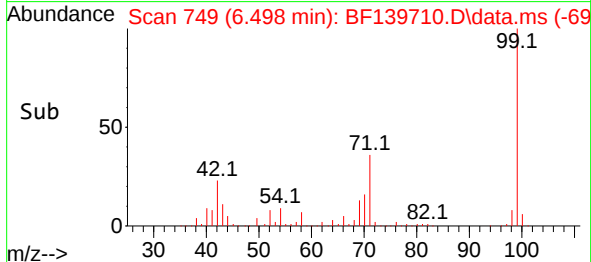
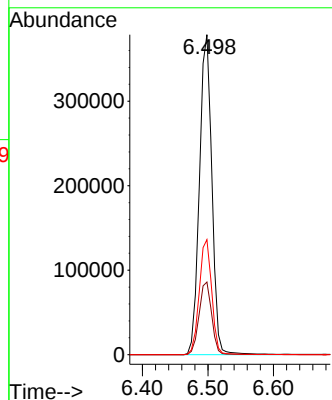
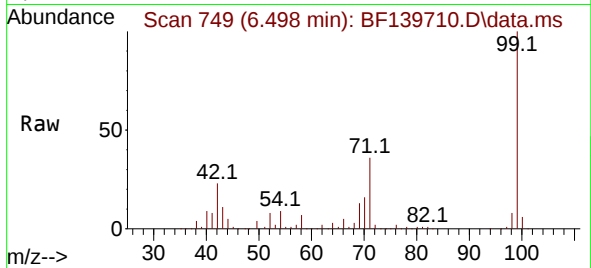




#7
Phenol-d6
Concen: 84.242 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

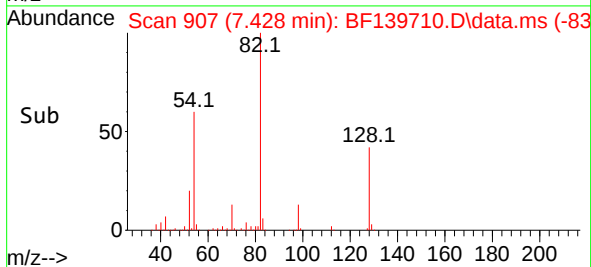
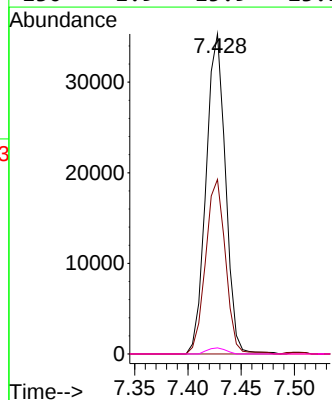
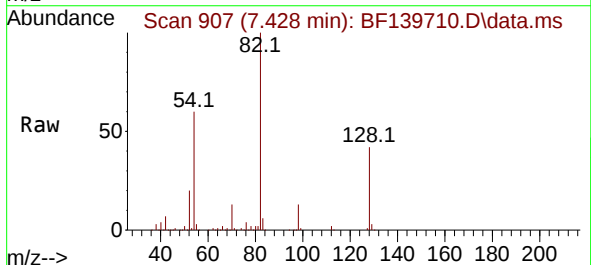
Instrument :
BNA_F
ClientSampleId :
CONCRETE-RO

Tgt Ion: 99 Resp: 500573
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 36.0 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.756 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

Tgt Ion: 70 Resp: 44910
Ion Ratio Lower Upper
70 100
42 54.6 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#



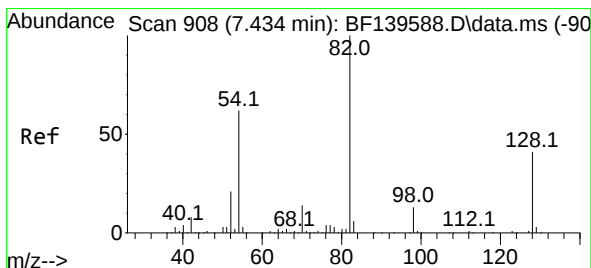
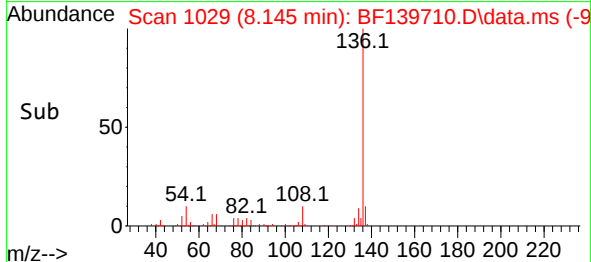
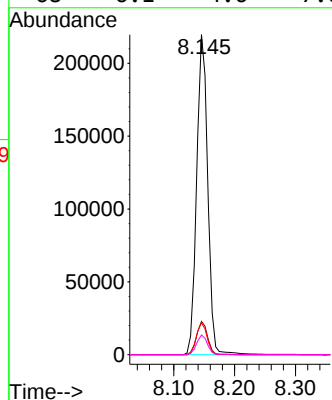
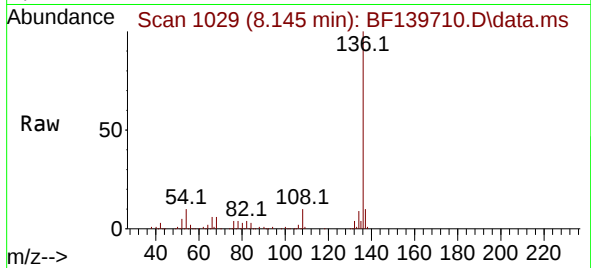


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RO

Tgt Ion:136 Resp: 277164

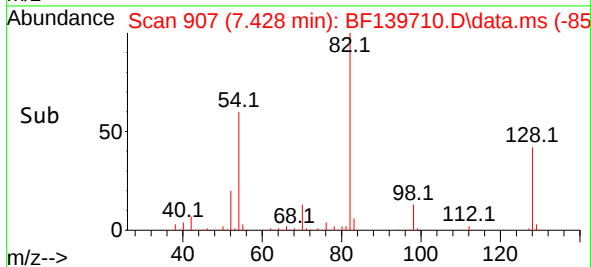
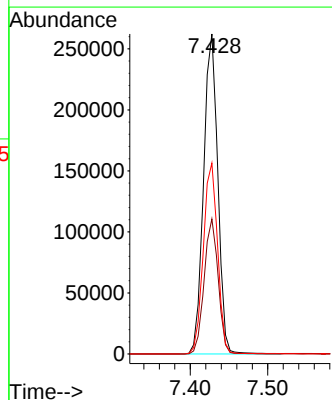
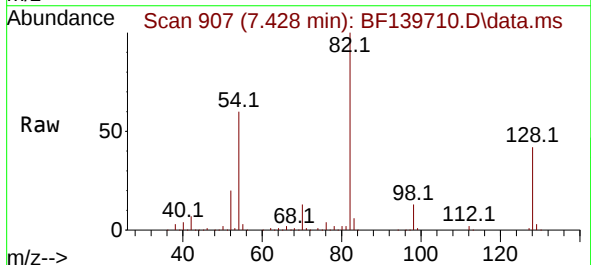
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	10.0	8.3	12.5
68	6.1	4.6	7.0



#23
Nitrobenzene-d5
Concen: 61.018 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

Tgt Ion: 82 Resp: 334029

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.4	48.6
54	59.6	49.1	73.7

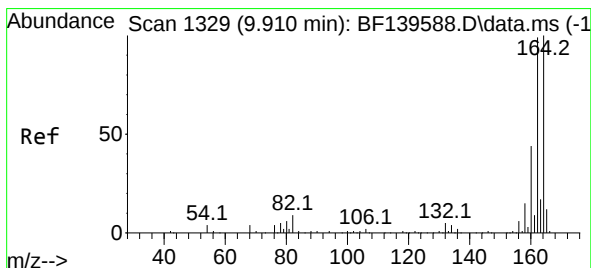
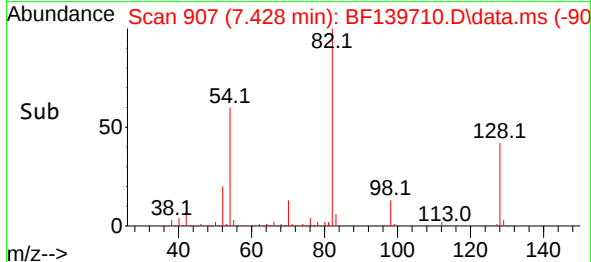
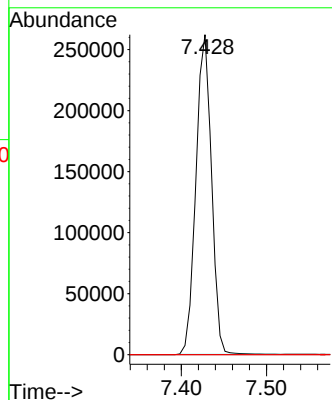
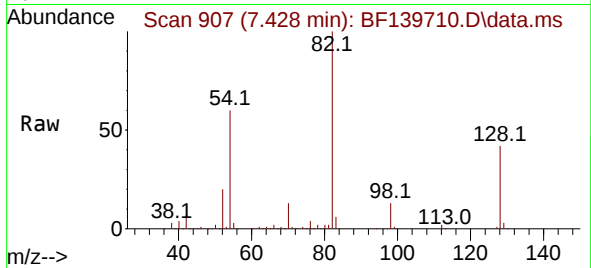




#25
Isophorone
Concen: 34.091 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

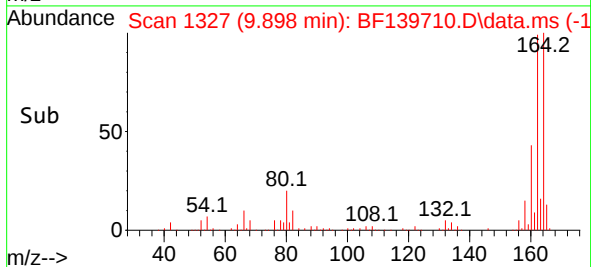
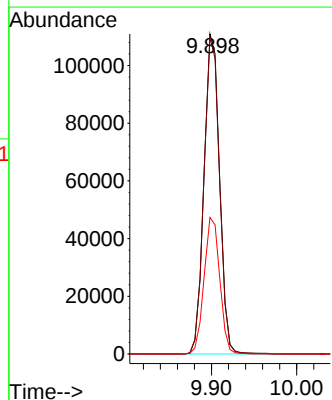
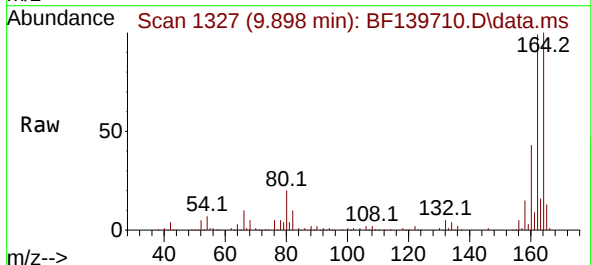
Instrument :
BNA_F
ClientSampleId :
CONCRETE-RO

Tgt Ion: 82 Resp: 331467
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

Tgt Ion:164 Resp: 140632
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 42.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 70.841 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139710.D

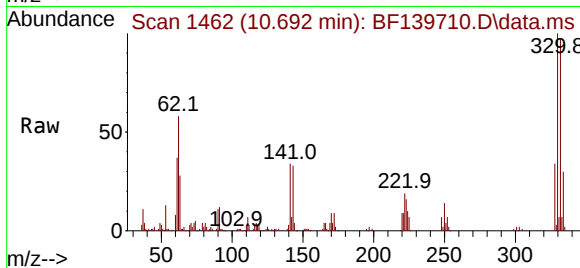
Acq: 08 Oct 2024 14:05

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RO



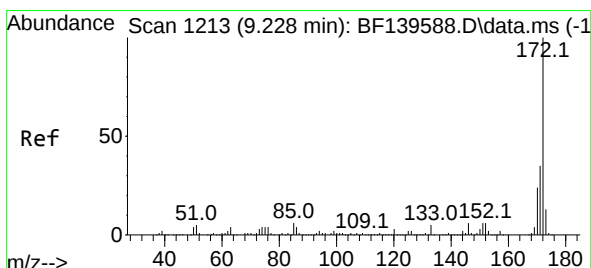
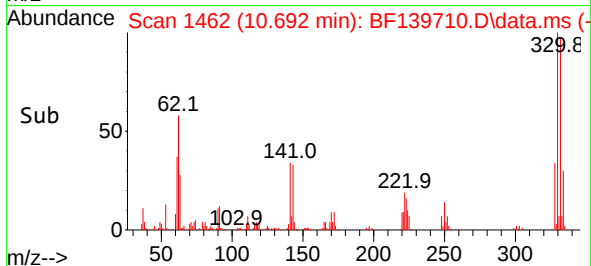
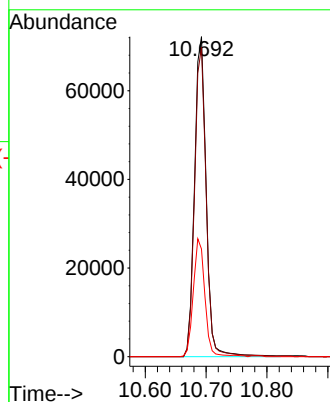
Tgt Ion:330 Resp: 96172

Ion Ratio Lower Upper

330 100

332 96.2 76.5 114.7

141 36.5 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 67.289 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139710.D

Acq: 08 Oct 2024 14:05

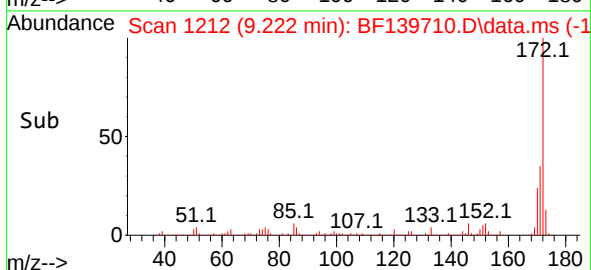
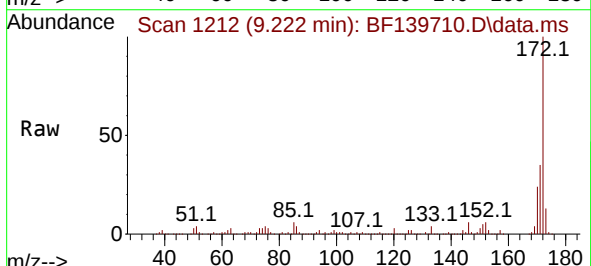
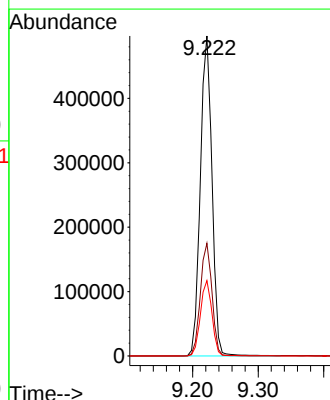
Tgt Ion:172 Resp: 616404

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.5 18.8 28.2

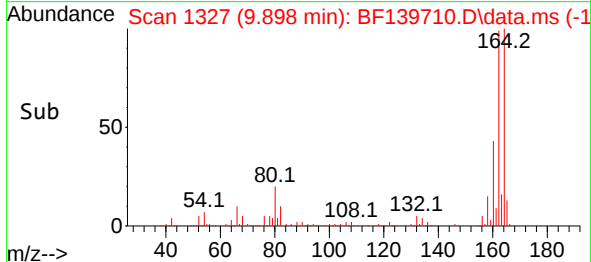
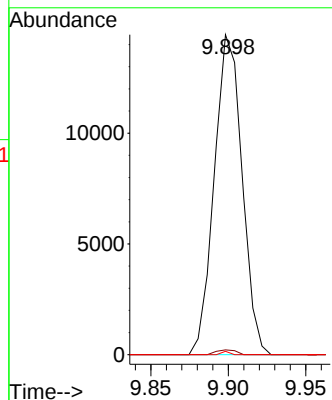
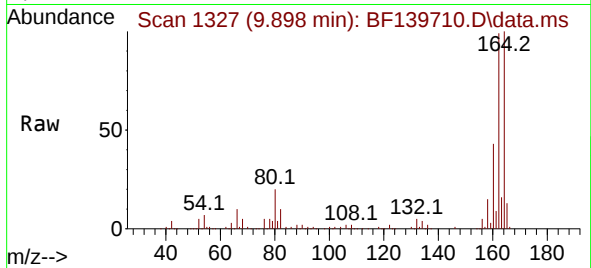




#51
2,6-Dinitrotoluene
Concen: 8.669 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

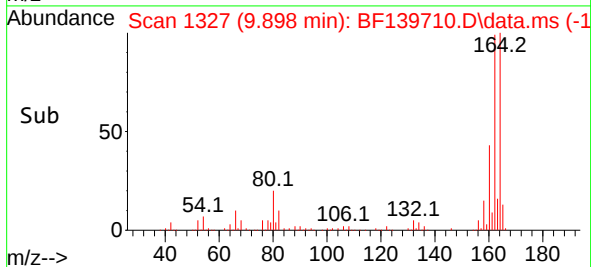
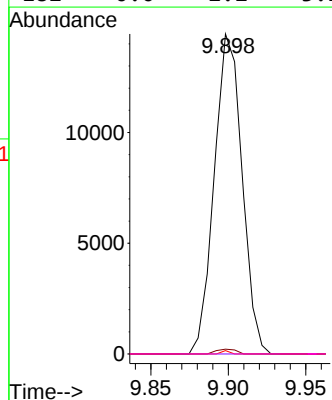
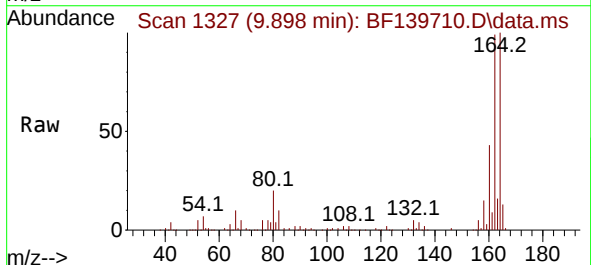
Instrument :
BNA_F
ClientSampleId :
CONCRETE-RO

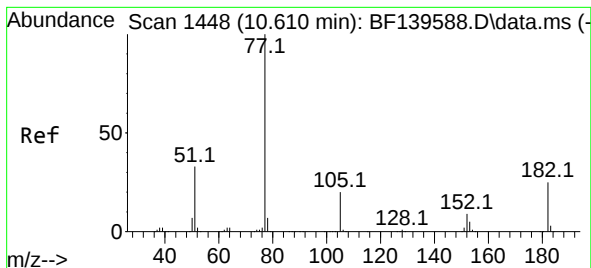
Tgt Ion:165 Resp: 18027
Ion Ratio Lower Upper
165 100
63 1.5 56.7 85.1#
89 1.0 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.632 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

Tgt Ion:165 Resp: 18027
Ion Ratio Lower Upper
165 100
63 1.5 46.9 70.3#
89 1.0 64.4 96.6#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 2.882 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139710.D

Acq: 08 Oct 2024 14:05

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RO

Tgt Ion: 77 Resp: 27560

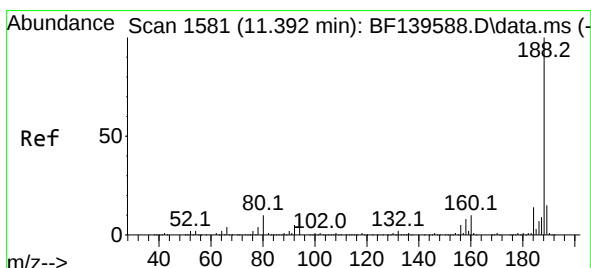
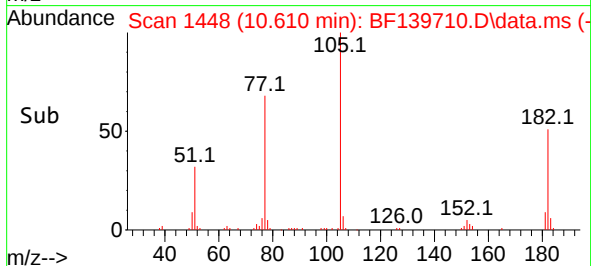
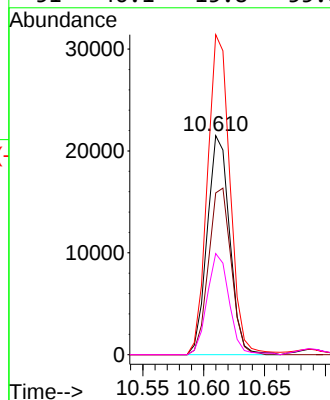
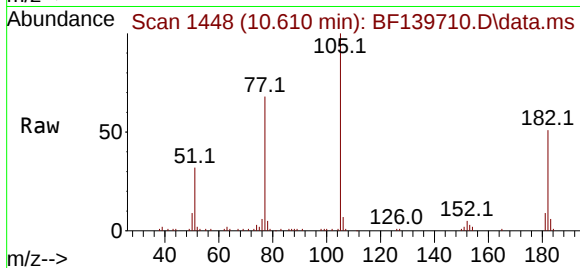
Ion Ratio Lower Upper

77 100

182 73.8 4.2 44.2#

105 146.1 0.0 39.6#

51 46.1 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139710.D

Acq: 08 Oct 2024 14:05

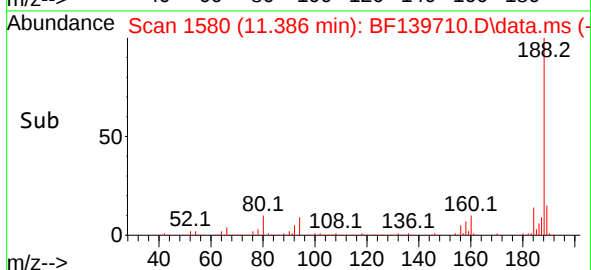
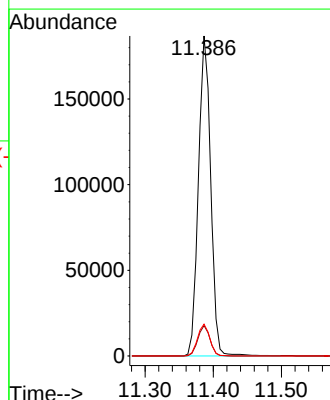
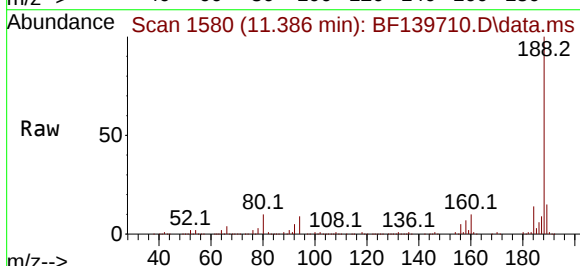
Tgt Ion: 188 Resp: 232617

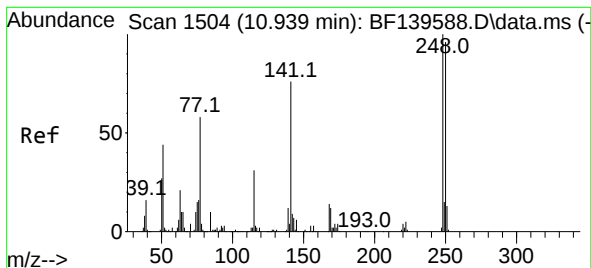
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.0 8.2 12.2

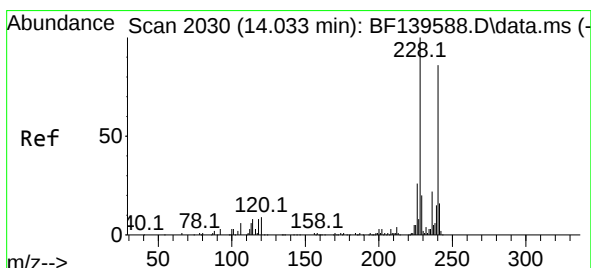
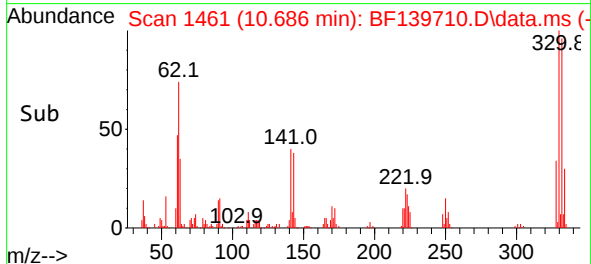
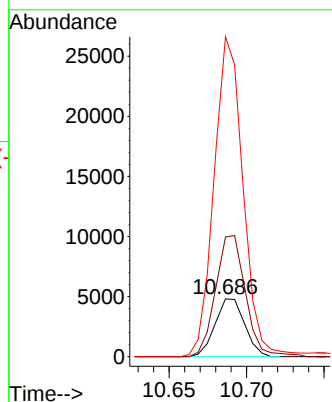
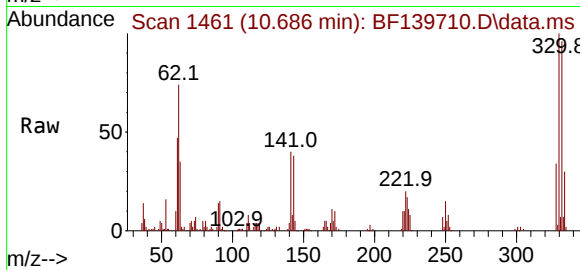




#67
4-Bromophenyl-phenylether
Concen: 2.686 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

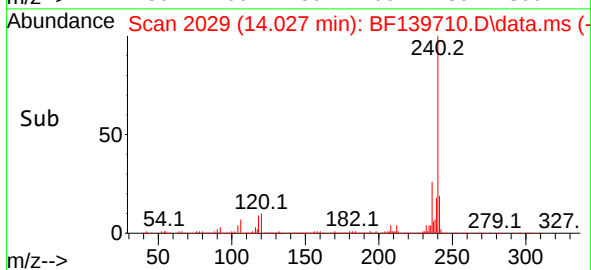
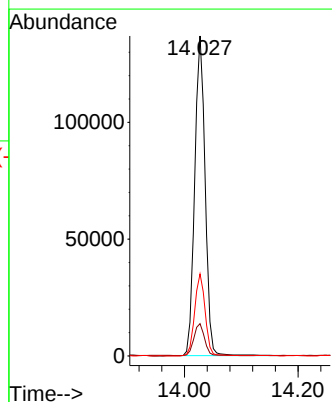
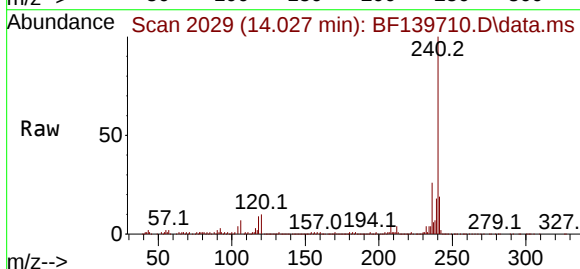
Instrument :
BNA_F
ClientSampleId :
CONCRETE-RO

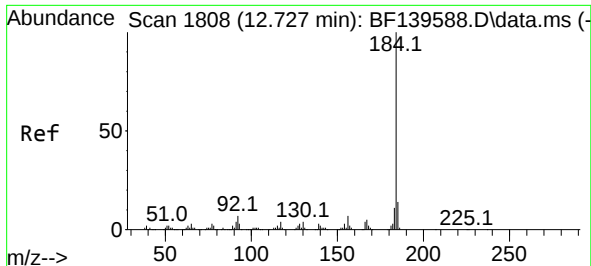
Tgt Ion:248 Resp: 6407
Ion Ratio Lower Upper
248 100
250 207.5 77.1 115.7#
141 554.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

Tgt Ion:240 Resp: 174990
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 25.7 20.3 30.5

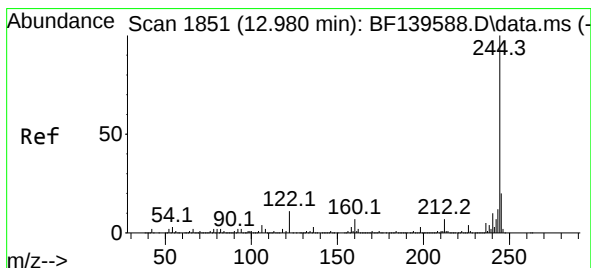
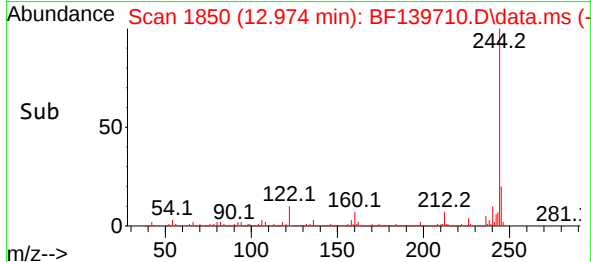
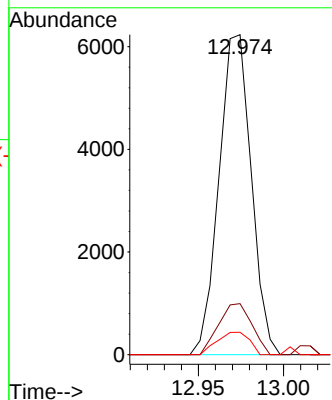
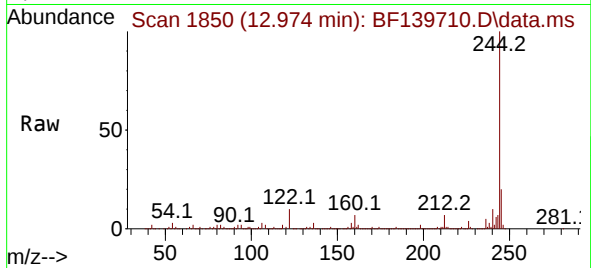




#77
Benzidine
Concen: 2.660 ng
RT: 12.974 min Scan# 1850
Delta R.T. 0.247 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

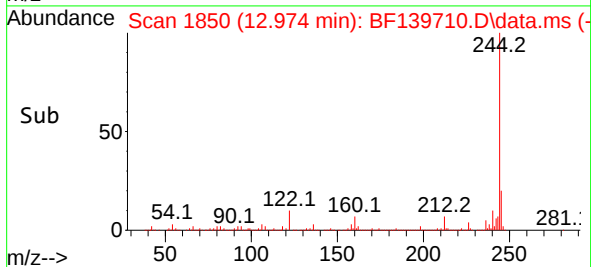
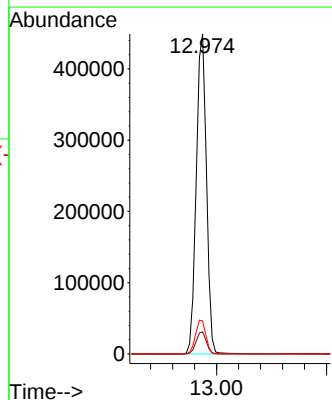
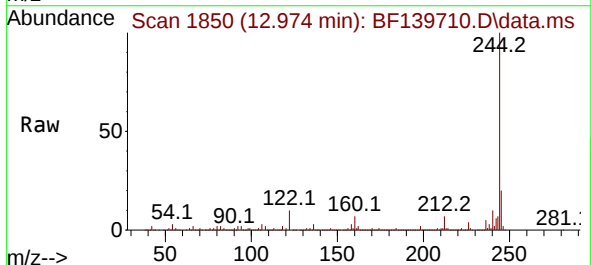
Instrument :
BNA_F
ClientSampleId :
CONCRETE-RO

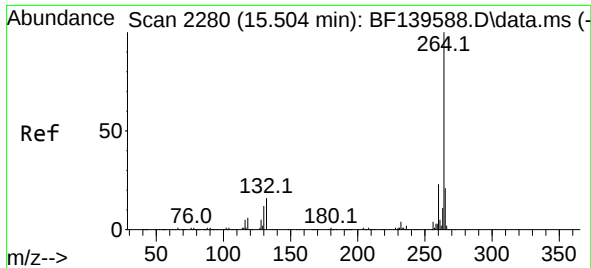
Tgt Ion:184 Resp: 8209
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.0
183 7.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 54.109 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139710.D
Acq: 08 Oct 2024 14:05

Tgt Ion:244 Resp: 577053
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.3 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139710.D
 Acq: 08 Oct 2024 14:05

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RO

Tgt Ion:264 Resp: 143610
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.2 16.9 25.3

