

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050724\
 Data File : BF137847.D
 Acq On : 07 May 2024 15:07
 Operator : CG\JU
 Sample : P2388-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1407-CONCRETE

Quant Time: May 07 15:32:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

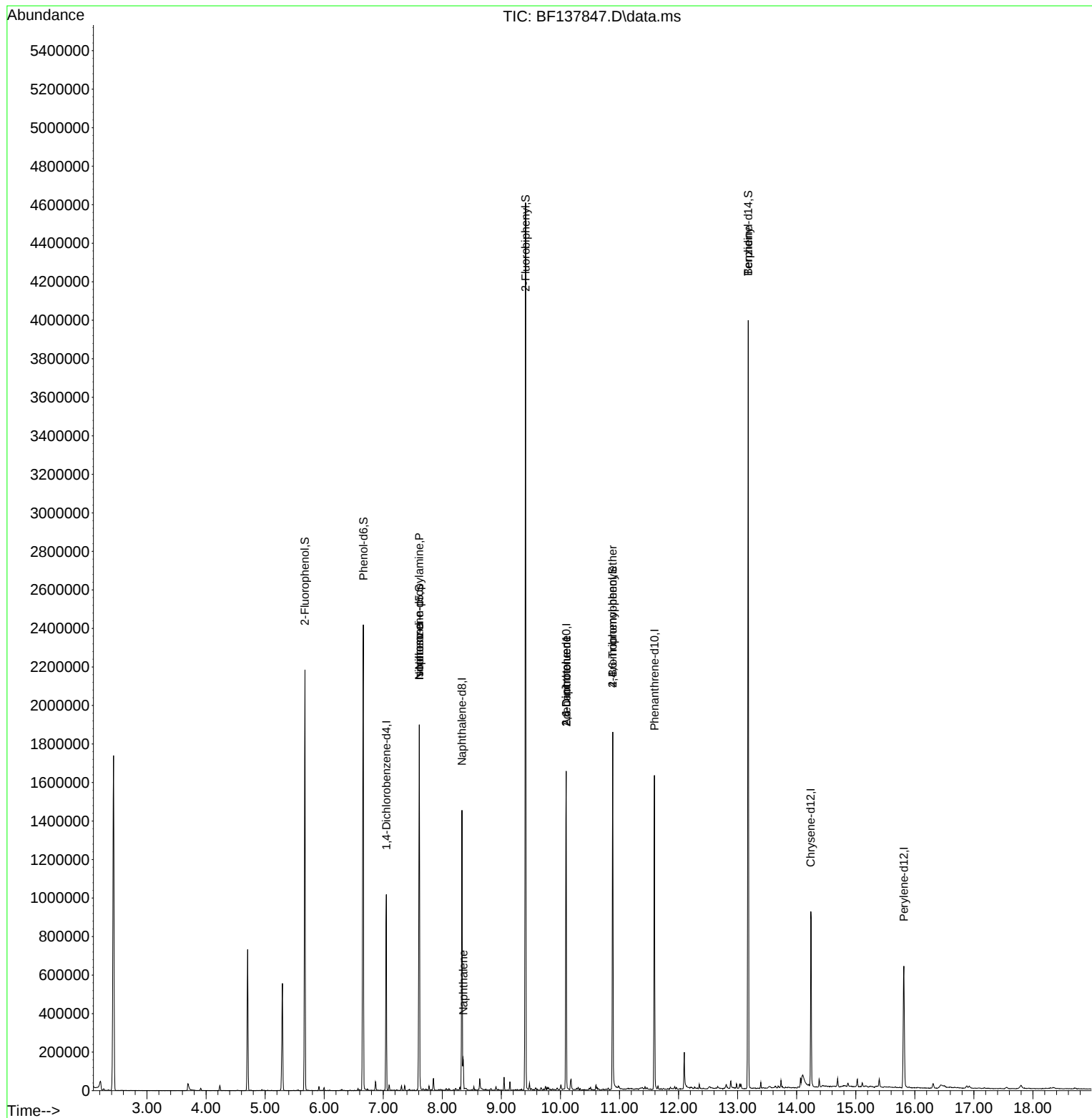
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	146879	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	597679	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	347996	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	551231	20.000	ng	0.00
76) Chrysene-d12	14.239	240	317039	20.000	ng	-0.01
86) Perylene-d12	15.815	264	308671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	589326	67.178	ng	0.00
7) Phenol-d6	6.663	99	913919	82.134	ng	-0.01
23) Nitrobenzene-d5	7.610	82	633061	61.537	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	205164	57.742	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1390189	64.811	ng	-0.01
79) Terphenyl-d14	13.180	244	1344879	71.090	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	85363	12.837	ng	# 76
25) Isophorone	7.610	82	633056	34.130	ng	# 64
31) Naphthalene	8.357	128	70998	2.390	ng	98
51) 2,6-Dinitrotoluene	10.098	165	46337	9.230	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	46338	7.065	ng	# 27
67) 4-Bromophenyl-phenylether	10.886	248	13665	2.316	ng	# 1
77) Benzidine	13.180	184	16900	2.305	ng	# 93

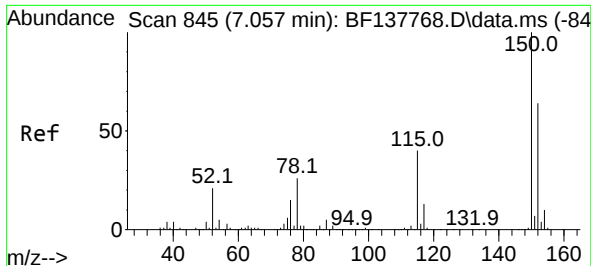
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050724\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
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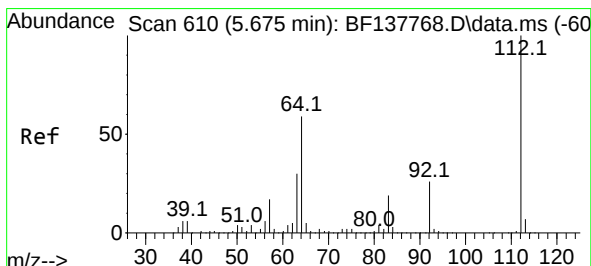
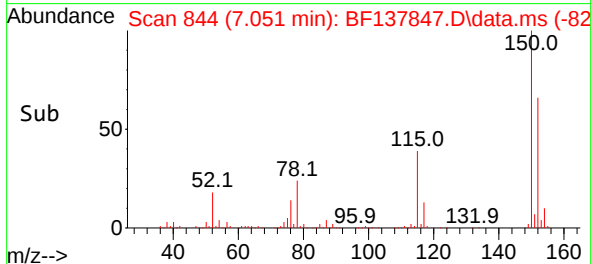
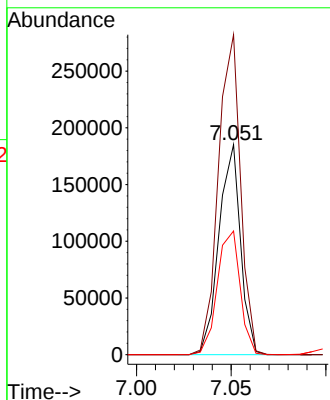
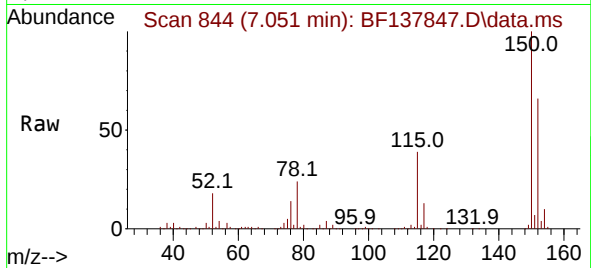




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

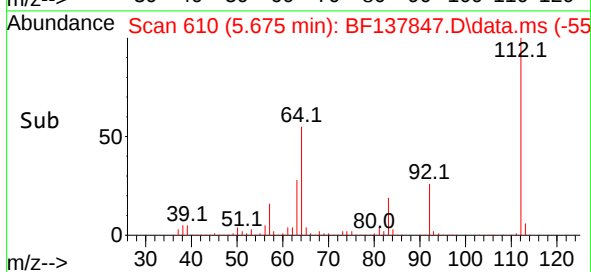
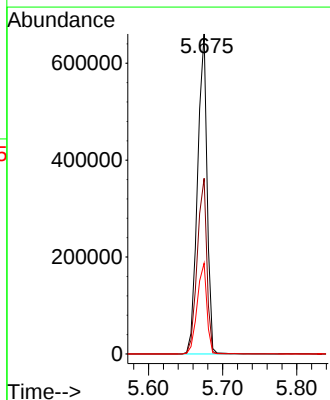
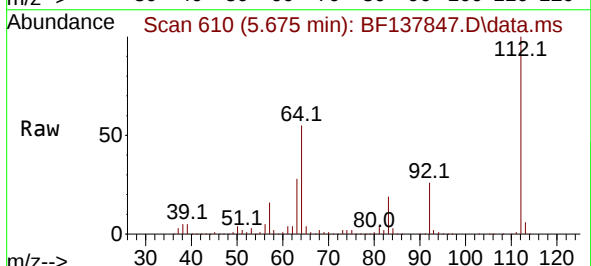
Instrument :
BNA_F
ClientSampleId :
1407-CONCRETE

Tgt Ion:152 Resp: 146879
Ion Ratio Lower Upper
152 100
150 152.3 124.1 186.1
115 58.9 49.1 73.7



#5
2-Fluorophenol
Concen: 67.178 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

Tgt Ion:112 Resp: 589326
Ion Ratio Lower Upper
112 100
64 54.9 47.3 70.9
63 28.4 23.7 35.5

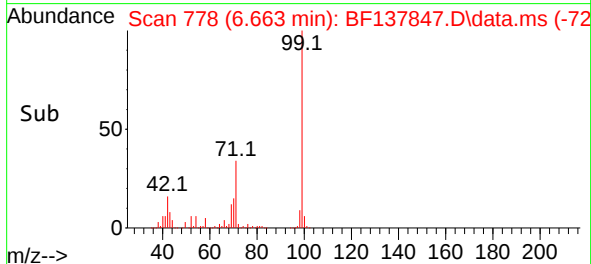
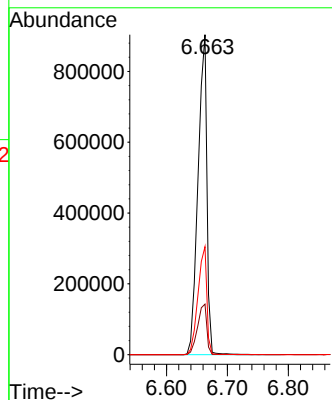
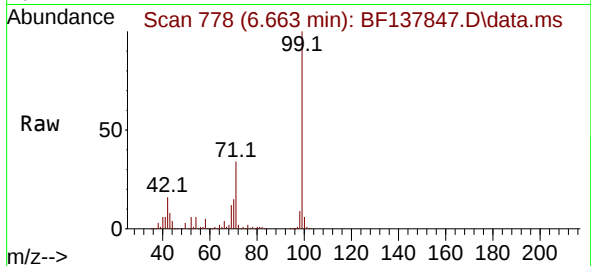




#7
Phenol-d6
Concen: 82.134 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

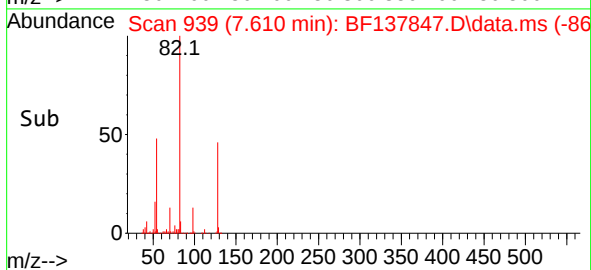
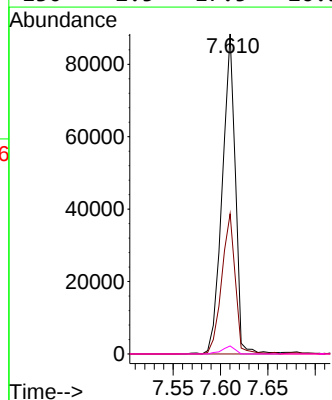
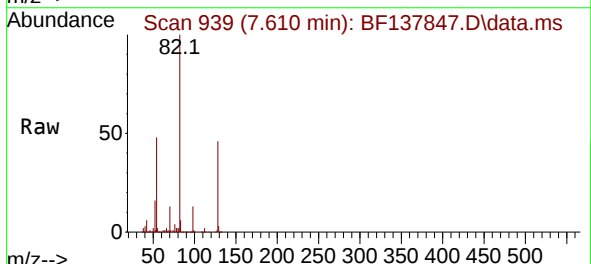
Instrument :
BNA_F
ClientSampleId :
1407-CONCRETE

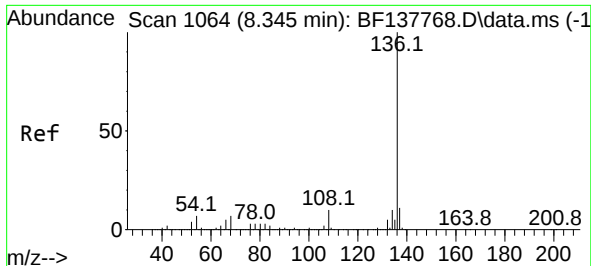
Tgt Ion: 99 Resp: 913919
Ion Ratio Lower Upper
99 100
42 15.8 13.2 19.8
71 33.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.837 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

Tgt Ion: 70 Resp: 85363
Ion Ratio Lower Upper
70 100
42 43.8 44.6 66.8#
101 0.0 7.8 11.6#
130 2.5 17.5 26.3#

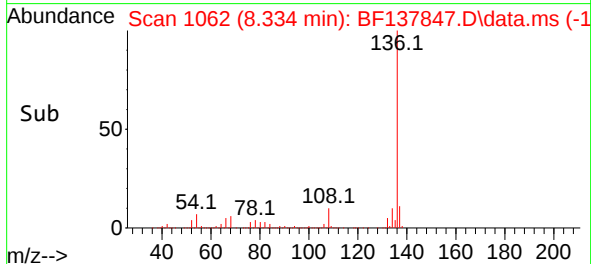
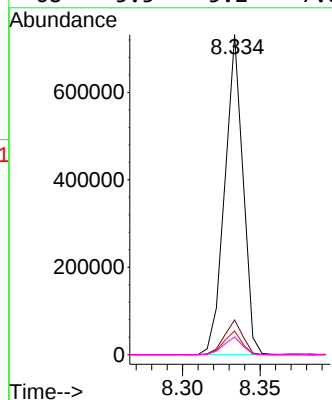
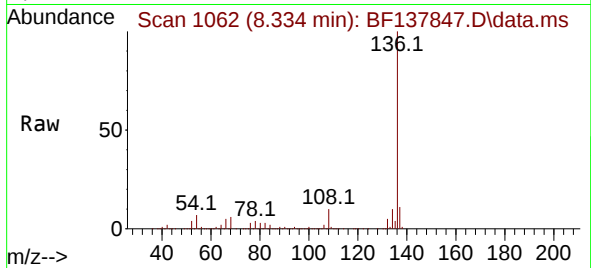




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

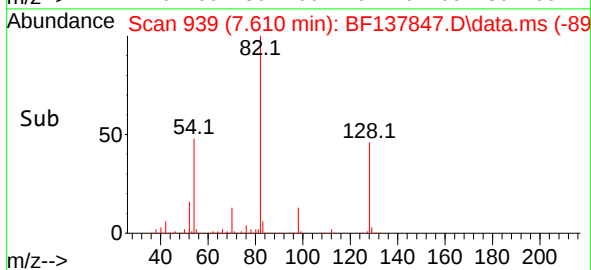
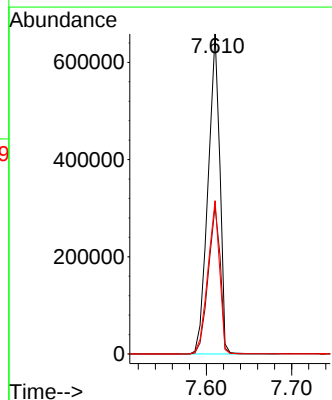
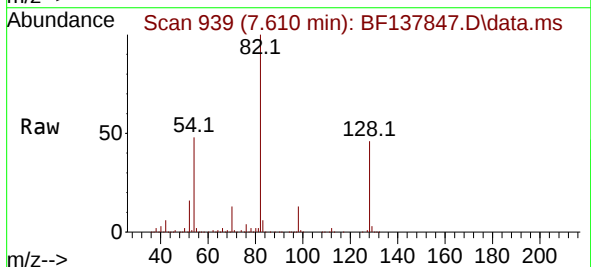
Instrument :
BNA_F
ClientSampleId :
1407-CONCRETE

Tgt Ion:	136	Resp:	597679
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	5.8	8.8
68	5.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 61.537 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

Tgt Ion:	82	Resp:	633061
Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.5	56.3
54	47.9	39.8	59.6

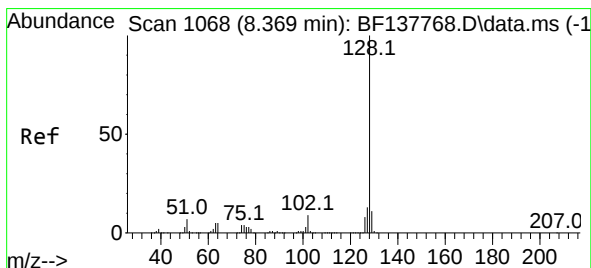
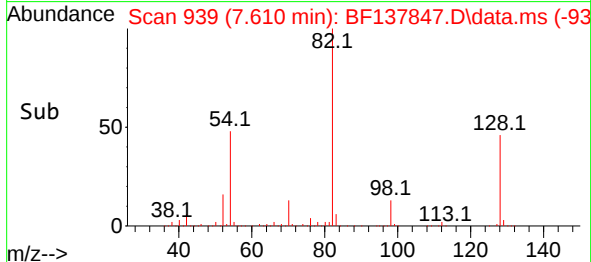
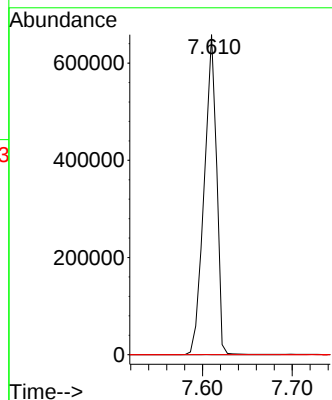
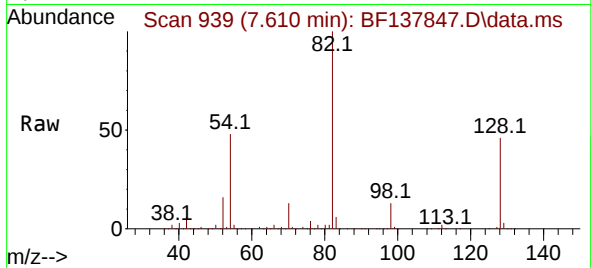




#25
Isophorone
Concen: 34.130 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

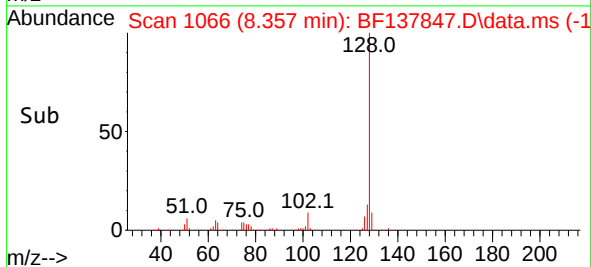
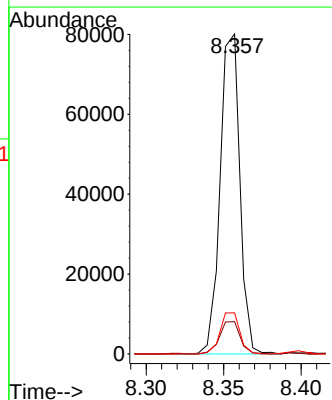
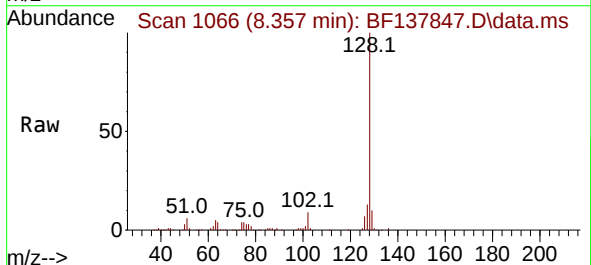
Instrument :
BNA_F
ClientSampleId :
1407-CONCRETE

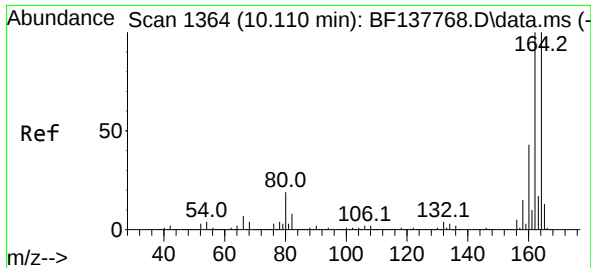
Tgt Ion: 82 Resp: 633056
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#31
Naphthalene
Concen: 2.390 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

Tgt Ion: 128 Resp: 70998
Ion Ratio Lower Upper
128 100
129 10.1 8.8 13.2
127 12.8 10.6 16.0

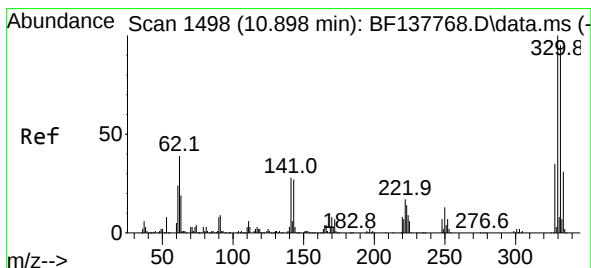
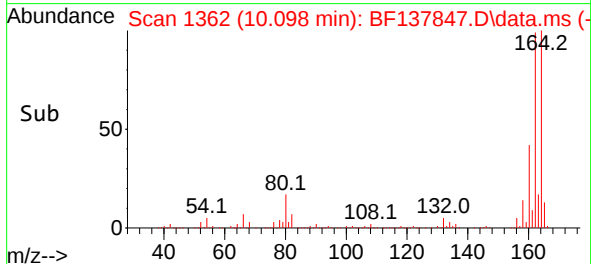
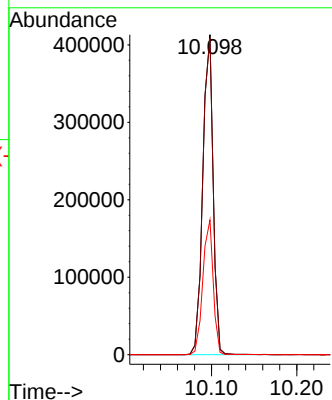
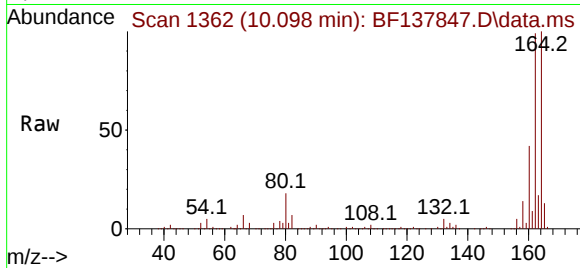




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

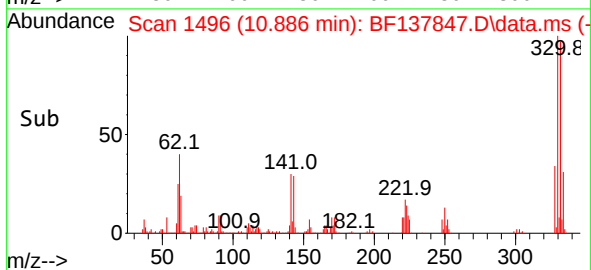
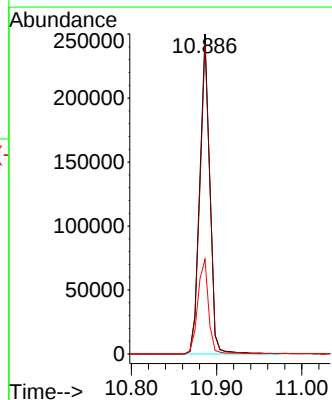
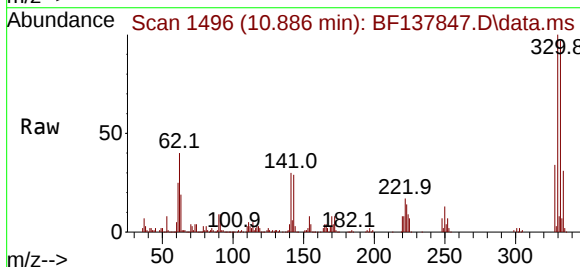
Instrument :
BNA_F
ClientSampleId :
1407-CONCRETE

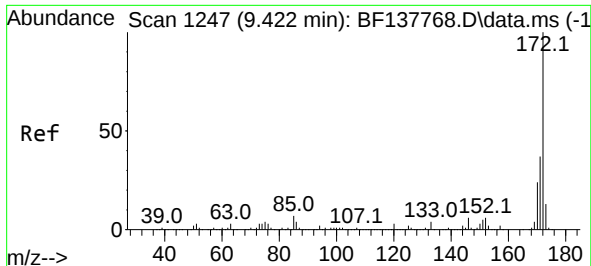
Tgt Ion:164 Resp: 347996
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.6
160 42.1 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 57.742 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

Tgt Ion:330 Resp: 205164
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 31.9 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 64.811 ng

RT: 9.410 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BF137847.D

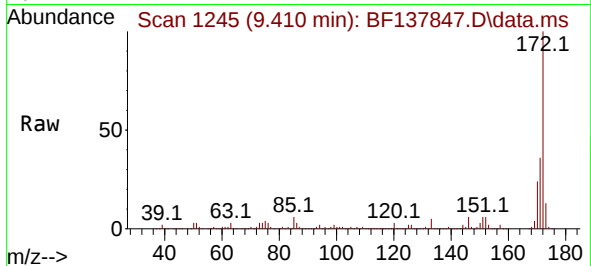
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Instrument :

BNA_F

ClientSampleId :

1407-CONCRETE



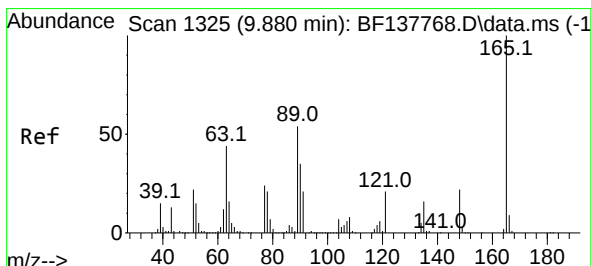
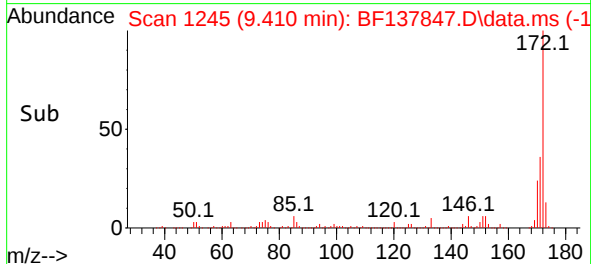
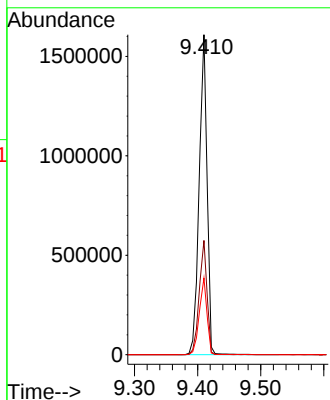
Tgt Ion:172 Resp: 1390189

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

170 23.9 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 9.230 ng

RT: 10.098 min Scan# 1362

Delta R.T. 0.218 min

Lab File: BF137847.D

Acq: 07 May 2024 15:07

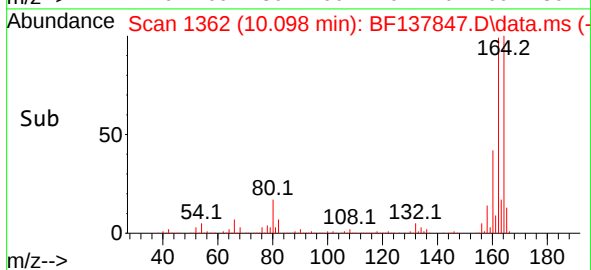
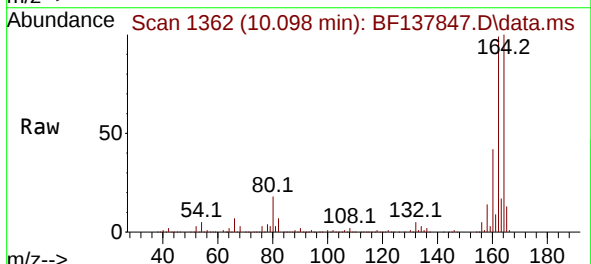
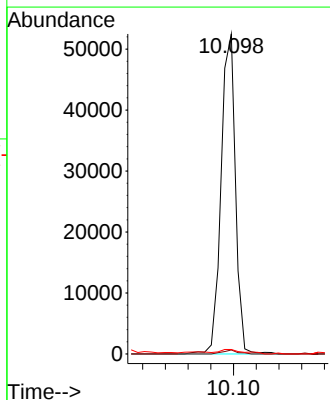
Tgt Ion:165 Resp: 46337

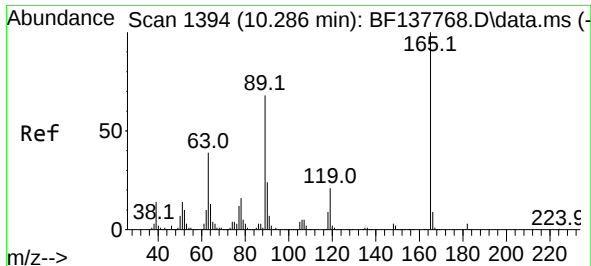
Ion Ratio Lower Upper

165 100

63 1.2 41.9 62.9#

89 1.4 43.2 64.8#

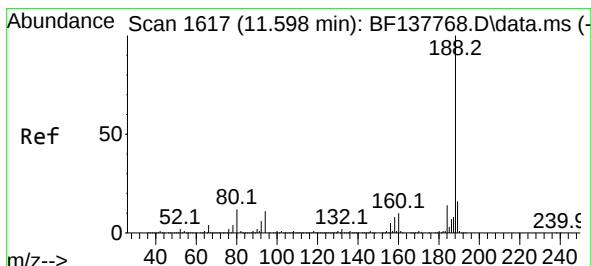
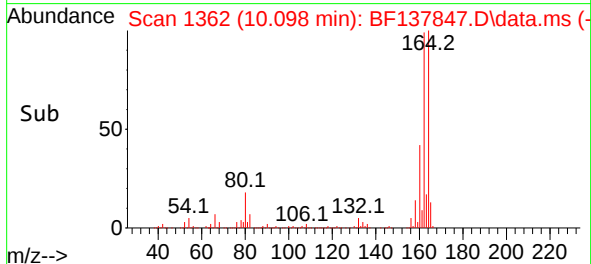
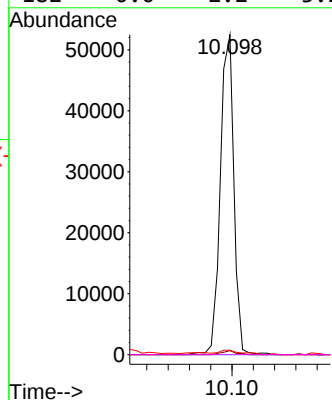
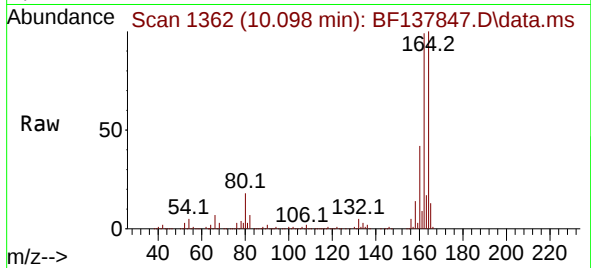




#57
2,4-Dinitrotoluene
Concen: 7.065 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

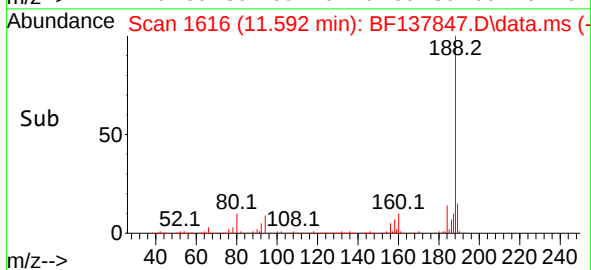
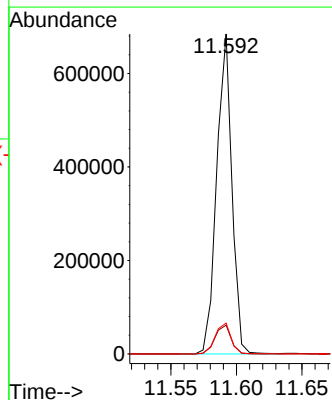
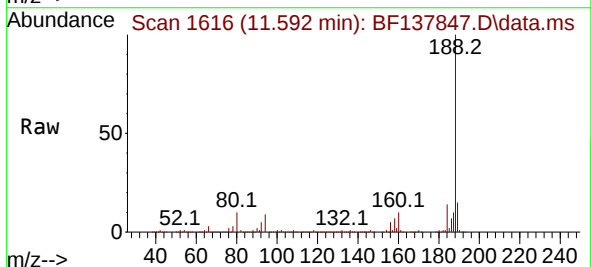
Instrument :
BNA_F
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1407-CONCRETE

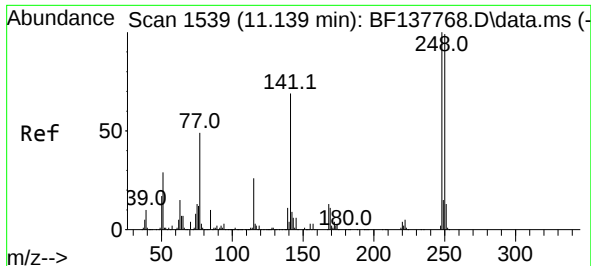
Tgt Ion:165 Resp: 46338
Ion Ratio Lower Upper
165 100
63 1.2 31.3 46.9#
89 1.4 54.2 81.4#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

Tgt Ion:188 Resp: 551231
Ion Ratio Lower Upper
188 100
94 9.0 8.8 13.2
80 9.6 9.6 14.4

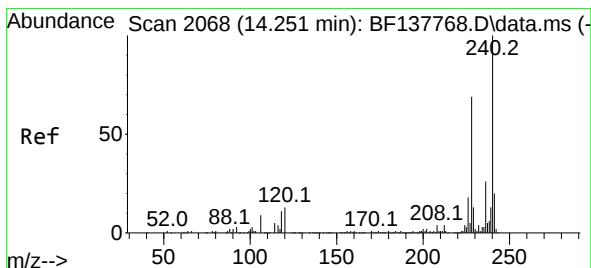
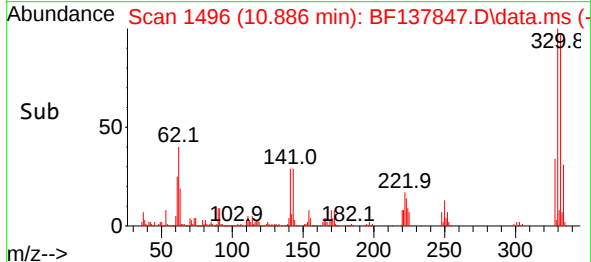
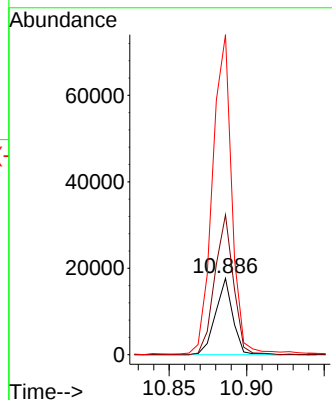
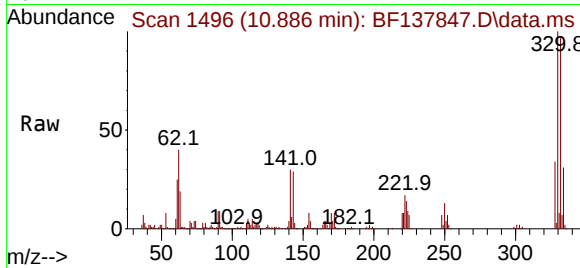




#67
4-Bromophenyl-phenylether
Concen: 2.316 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

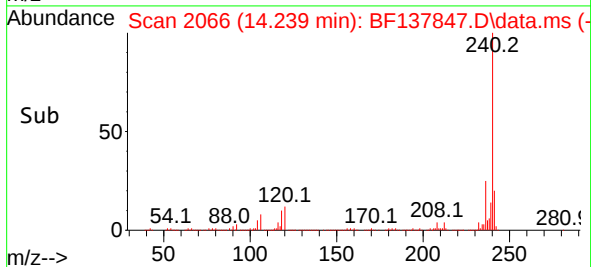
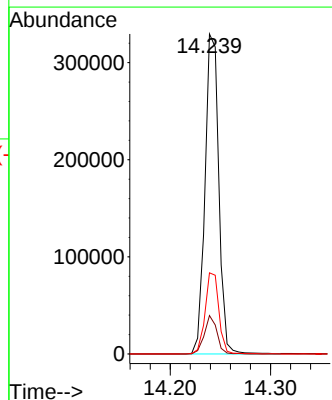
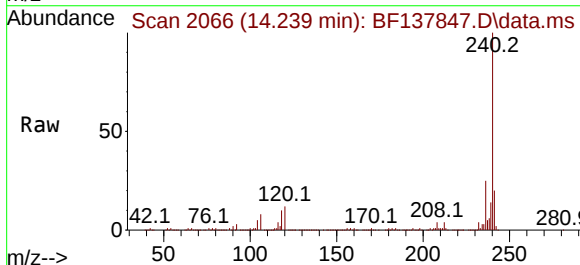
Instrument :
BNA_F
ClientSampleId :
1407-CONCRETE

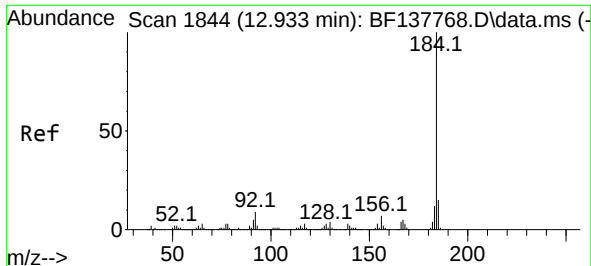
Tgt Ion:248 Resp: 13665
Ion Ratio Lower Upper
248 100
250 183.2 79.1 118.7#
141 419.0 55.4 83.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

Tgt Ion:240 Resp: 317039
Ion Ratio Lower Upper
240 100
120 12.0 10.4 15.6
236 25.3 20.4 30.6

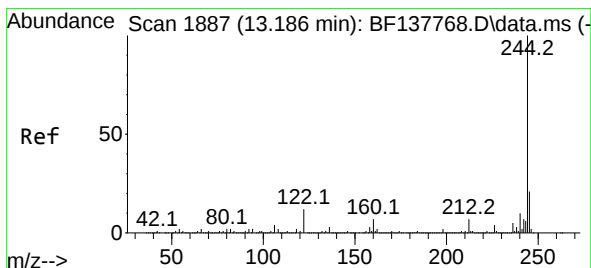
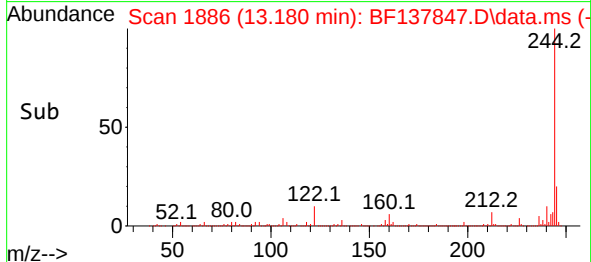
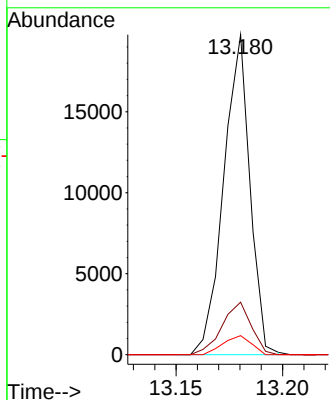
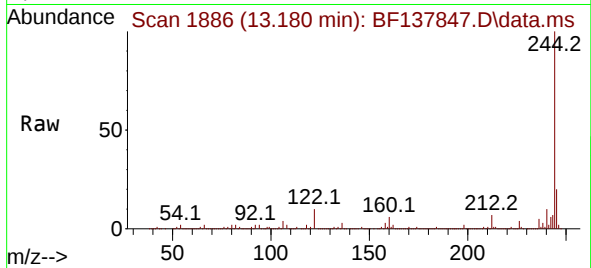




#77
Benzidine
Concen: 2.305 ng
RT: 13.180 min Scan# 1886
Delta R.T. 0.247 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

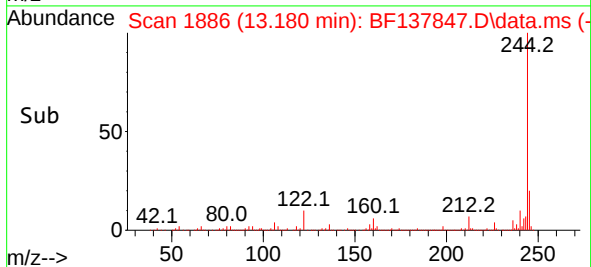
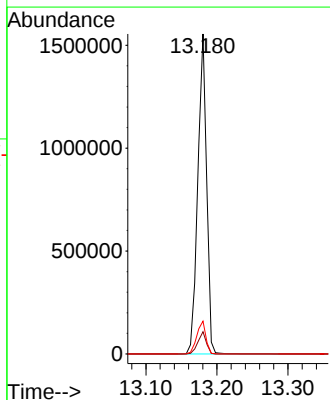
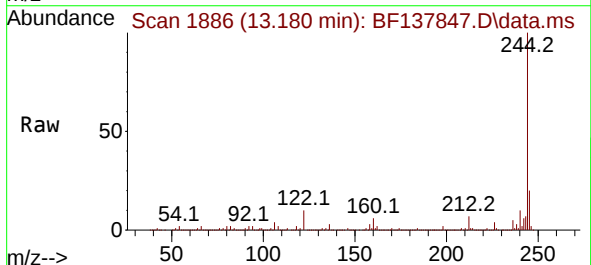
Instrument :
BNA_F
ClientSampleId :
1407-CONCRETE

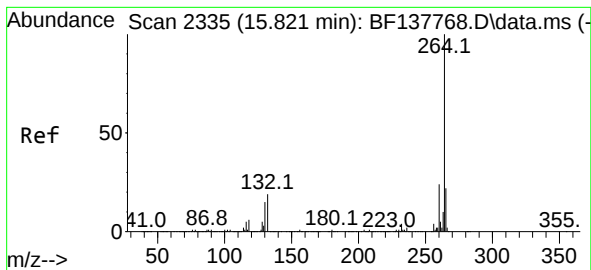
Tgt Ion:184 Resp: 16900
Ion Ratio Lower Upper
184 100
185 16.4 12.3 18.5
183 6.0 9.2 13.8#



#79
Terphenyl-d14
Concen: 71.090 ng
RT: 13.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BF137847.D
Acq: 07 May 2024 15:07

Tgt Ion:244 Resp: 1344879
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 10.3 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137847.D
 Acq: 07 May 2024 15:07

Instrument :
 BNA_F
 ClientSampleId :
 1407-CONCRETE

Tgt Ion:264 Resp: 308671
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.0 17.4 26.0

