

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139750.D
 Acq On : 10 Oct 2024 17:01
 Operator : RC/JU
 Sample : P4375-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-3

Quant Time: Oct 10 17:34:26 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)

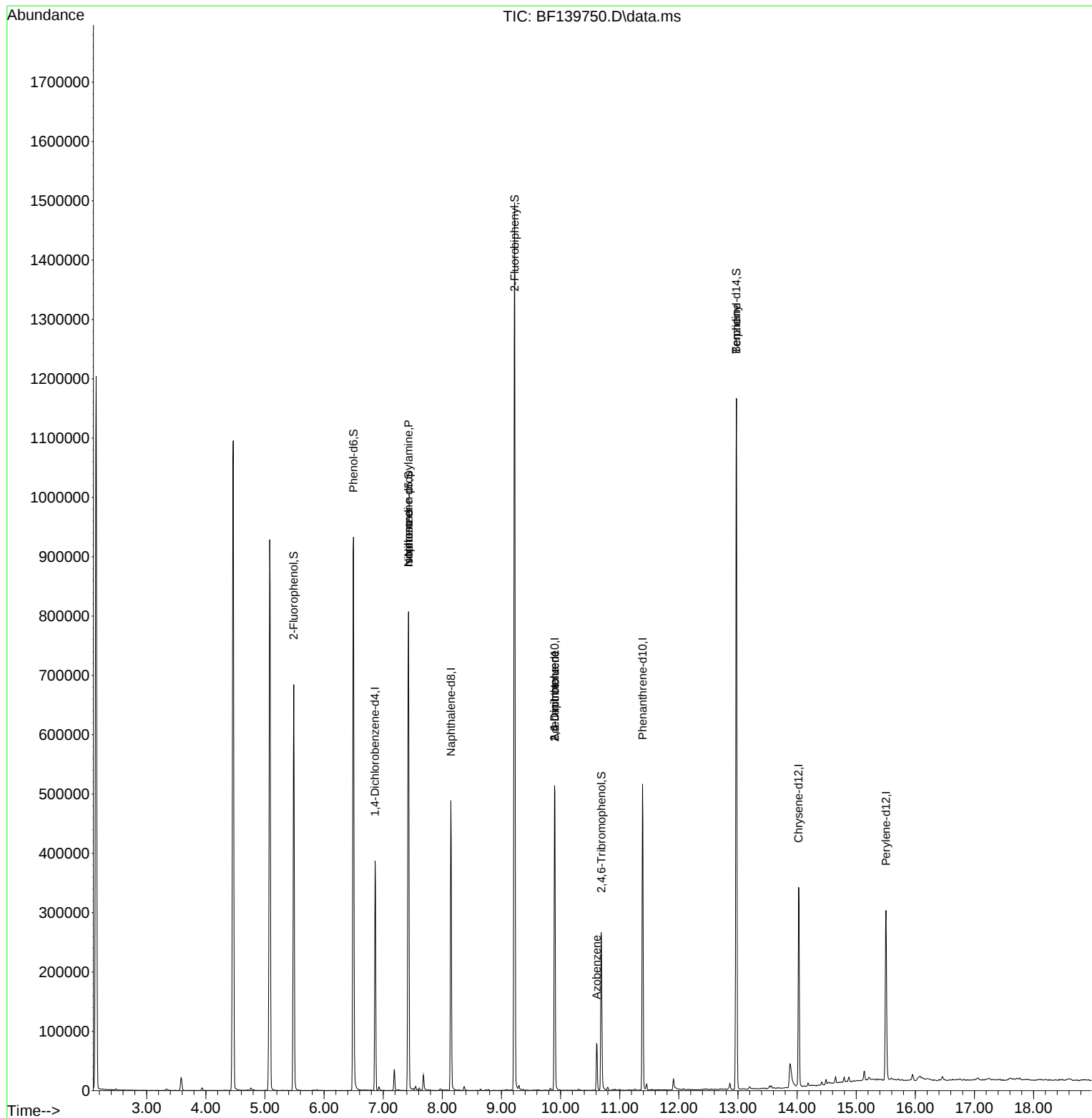
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	77865	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	291977	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	159225	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	275198	20.000	ng	0.00
76) Chrysene-d12	14.027	240	160112	20.000	ng	0.00
86) Perylene-d12	15.504	264	168695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	231740	51.584	ng	0.00
7) Phenol-d6	6.498	99	422142	69.875	ng	0.00
23) Nitrobenzene-d5	7.428	82	342336	59.363	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	44975	29.260	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	644640	62.154	ng	0.00
79) Terphenyl-d14	12.974	244	564178	57.817	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	46481	11.967	ng	# 75
25) Isophorone	7.428	82	338764	33.074	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	19895	8.450	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	19895	6.464	ng	# 17
63) Azobenzene	10.610	77	22008	2.033	ng	# 1
77) Benzidine	12.974	184	7342	2.600	ng	# 89

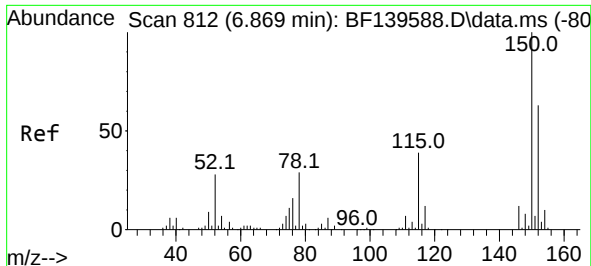
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

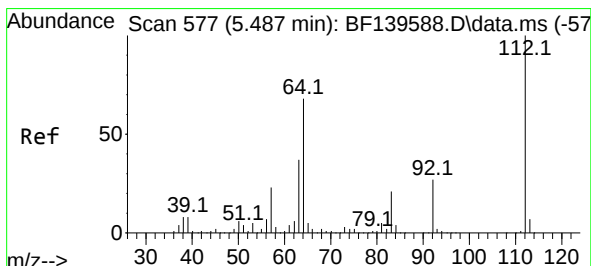
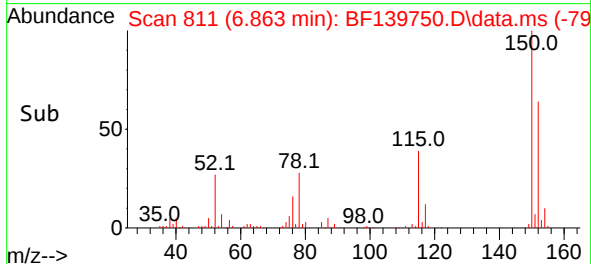
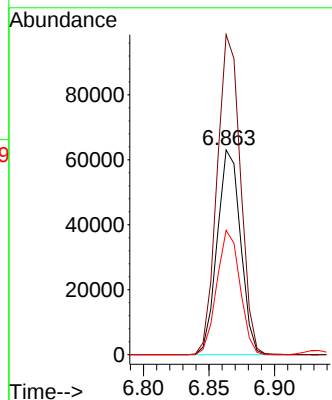
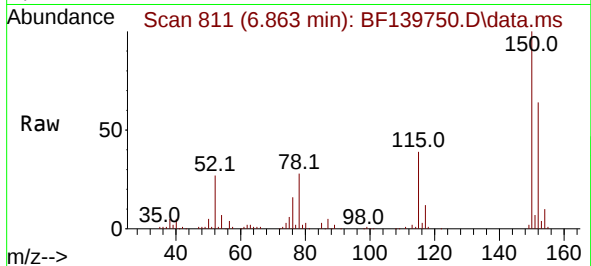




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

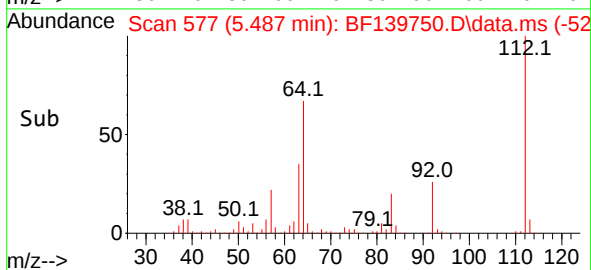
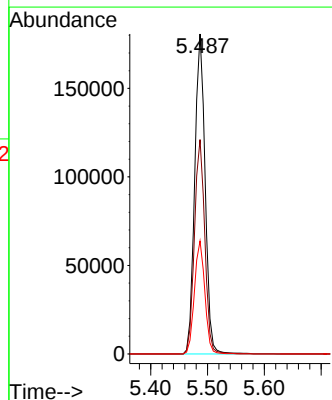
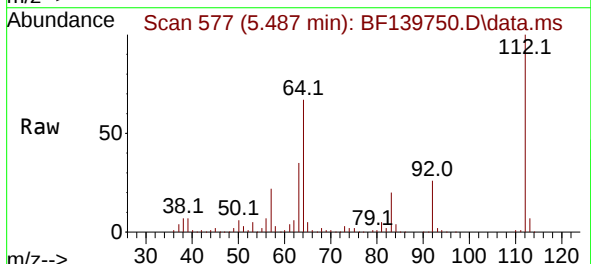
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

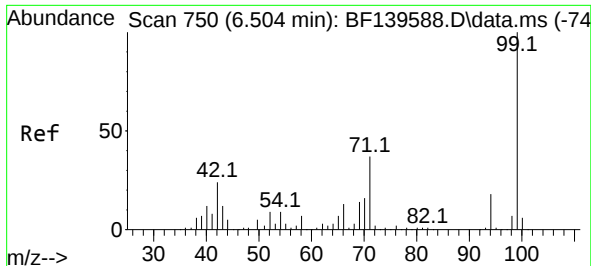
Tgt Ion:152 Resp: 77865
Ion Ratio Lower Upper
152 100
150 156.3 127.2 190.8
115 60.8 49.0 73.4



#5
2-Fluorophenol
Concen: 51.584 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Tgt Ion:112 Resp: 231740
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 35.3 29.4 44.2

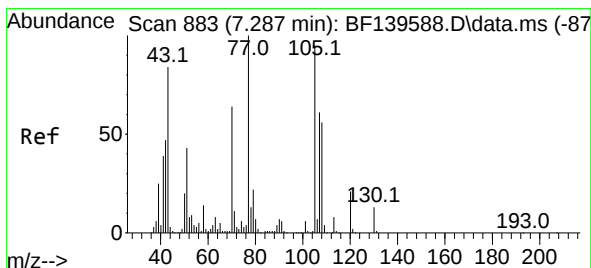
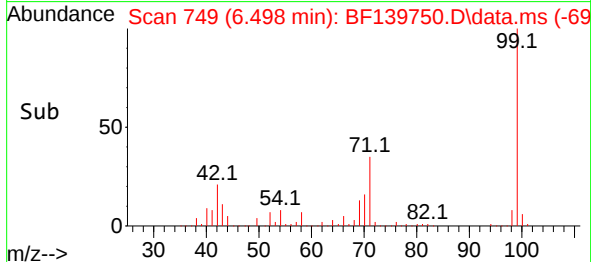
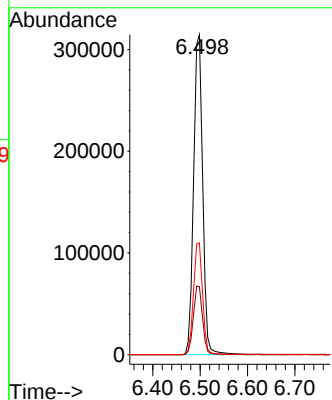
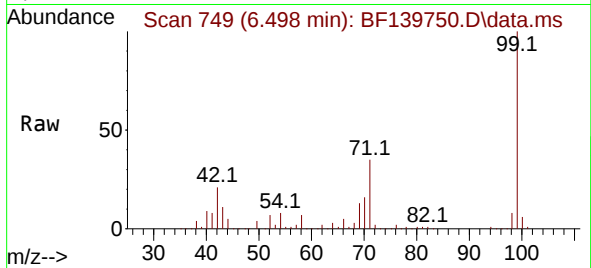




#7
Phenol-d6
Concen: 69.875 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

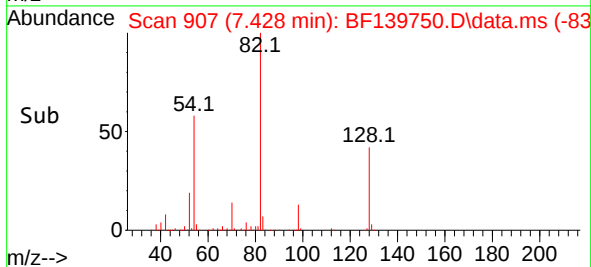
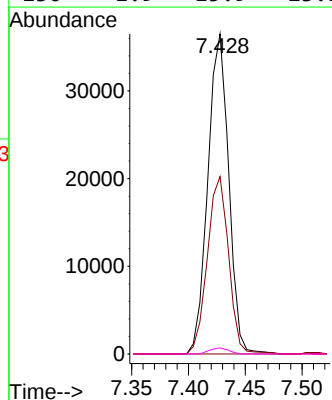
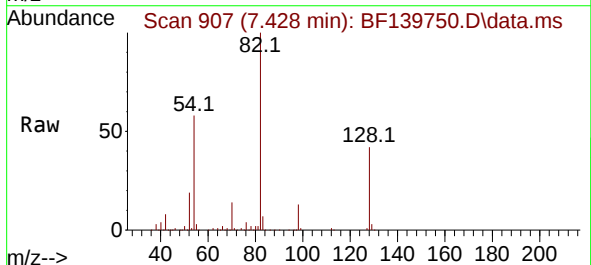
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

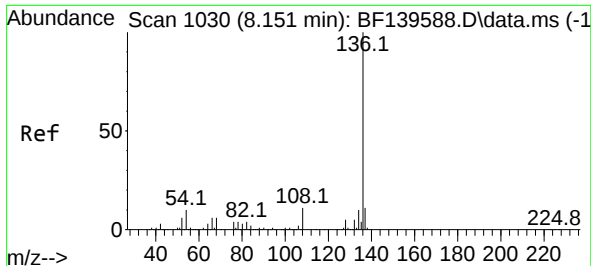
Tgt Ion: 99 Resp: 422142
Ion Ratio Lower Upper
99 100
42 21.3 19.1 28.7
71 35.0 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.967 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Tgt Ion: 70 Resp: 46481
Ion Ratio Lower Upper
70 100
42 55.5 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#



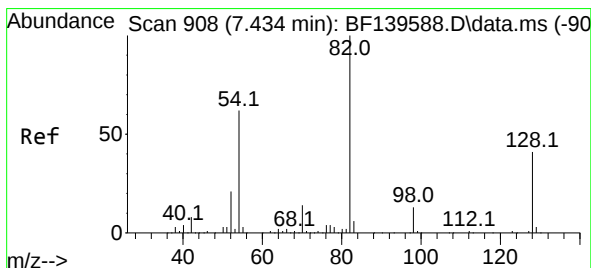
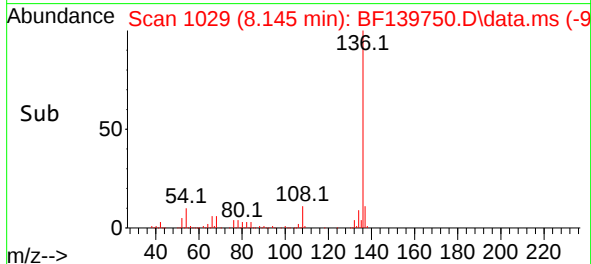
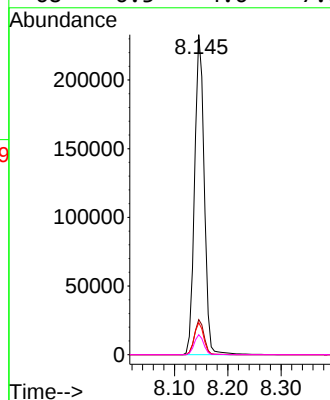
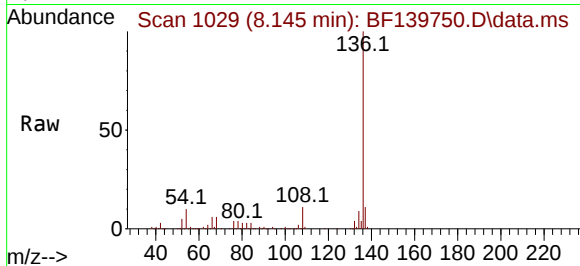


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

Tgt Ion:136 Resp: 291977

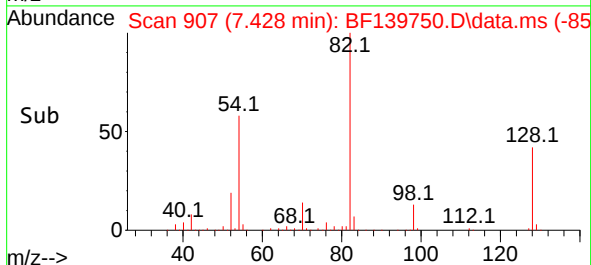
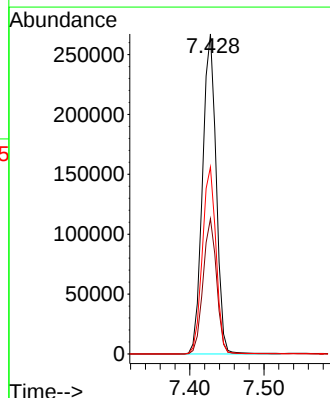
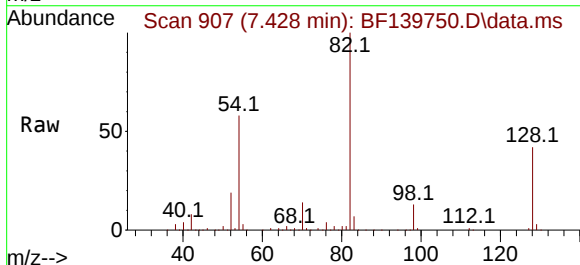
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	8.3	12.5
68	6.3	4.6	7.0

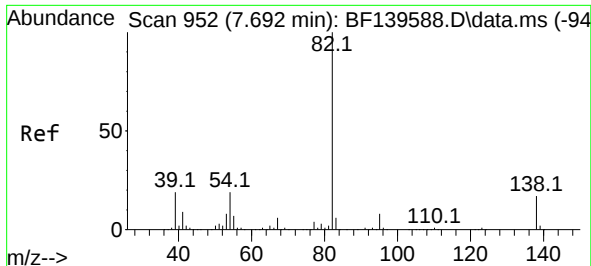


#23
Nitrobenzene-d5
Concen: 59.363 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Tgt Ion: 82 Resp: 342336

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.4	48.6
54	58.4	49.1	73.7

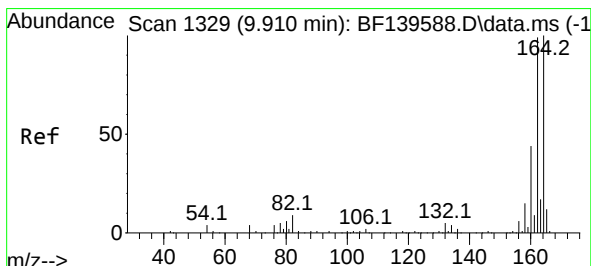
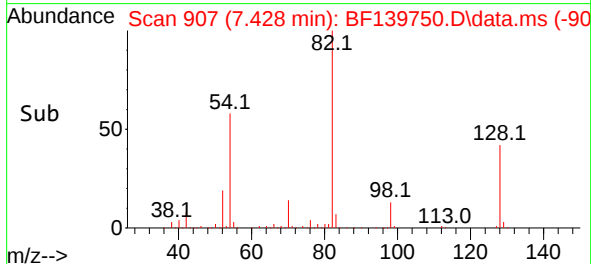
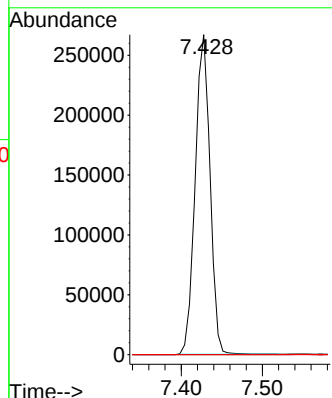
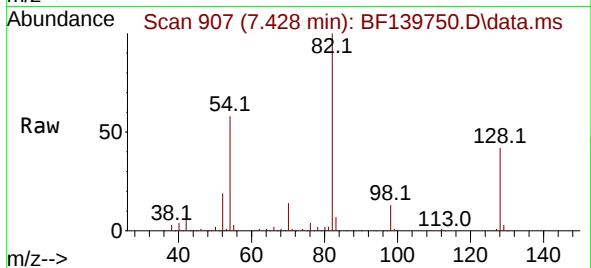




#25
Isophorone
Concen: 33.074 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

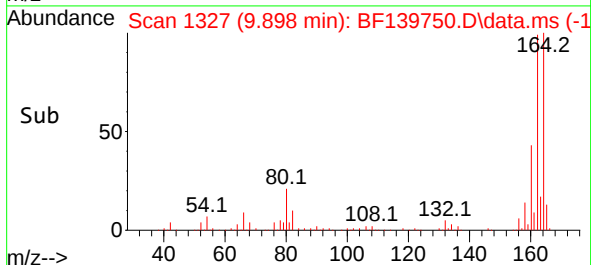
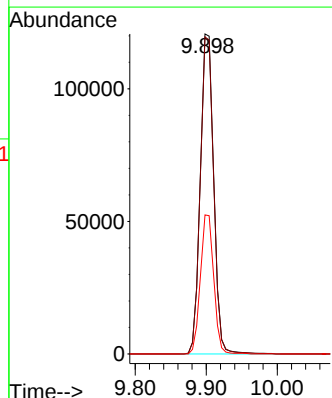
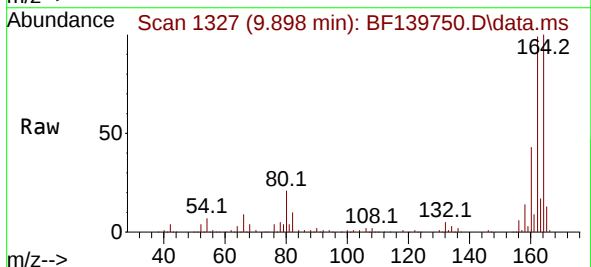
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

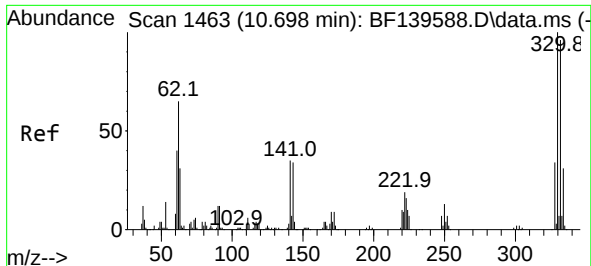
Tgt Ion: 82 Resp: 338764
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

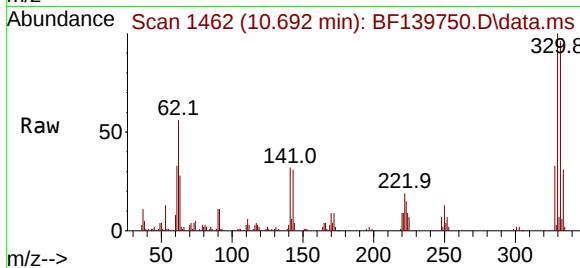
Tgt Ion:164 Resp: 159225
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.0
160 43.4 35.1 52.7



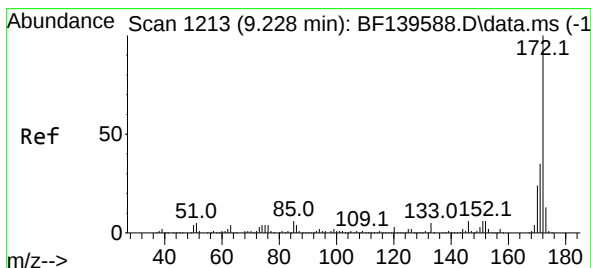
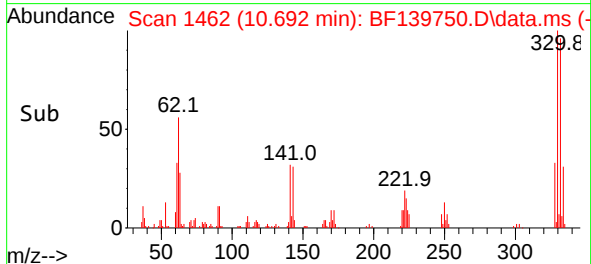
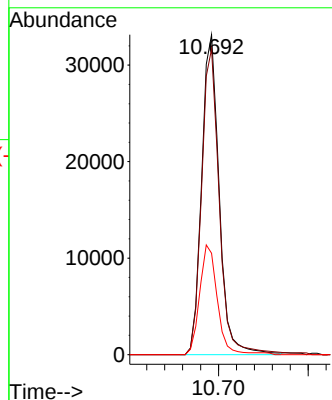


#42
2,4,6-Tribromophenol
Concen: 29.260 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

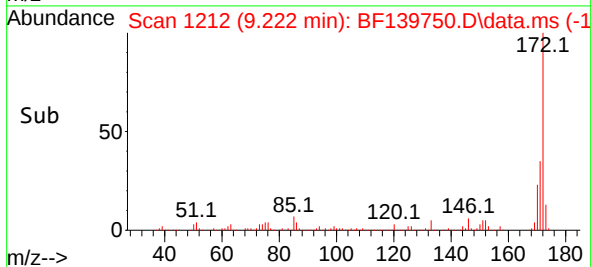
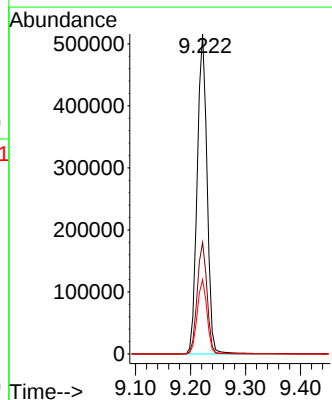
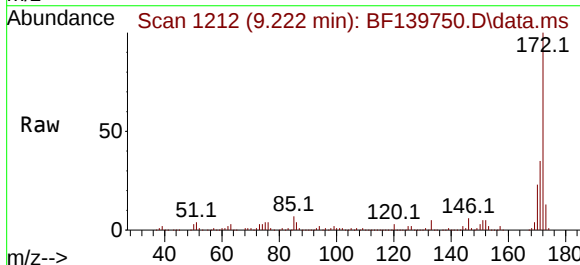


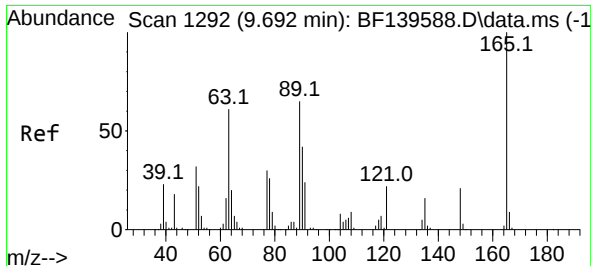
Tgt Ion: 330 Resp: 44975
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 34.7 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 62.154 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Tgt Ion: 172 Resp: 644640
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.2 18.8 28.2

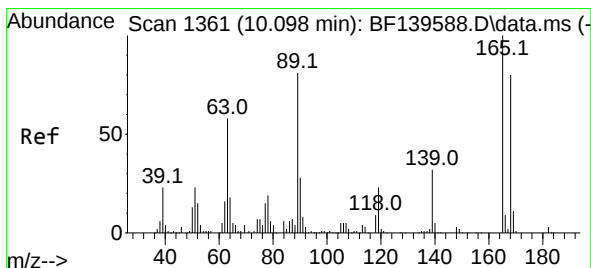
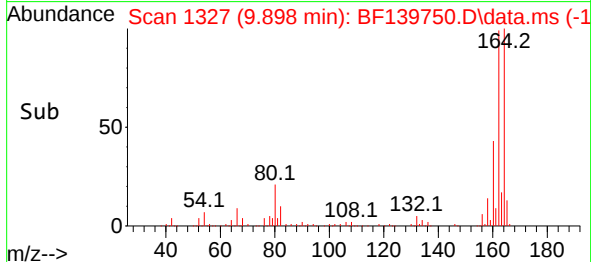
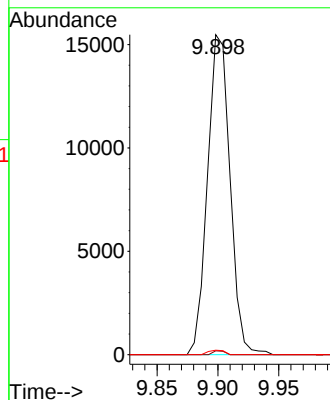
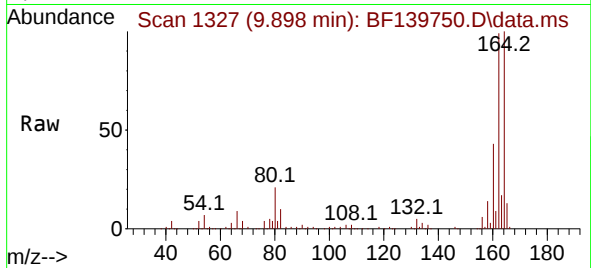




#51
2,6-Dinitrotoluene
Concen: 8.450 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

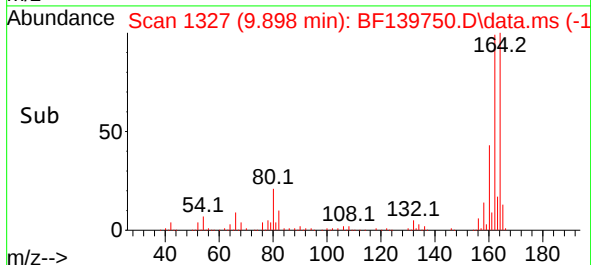
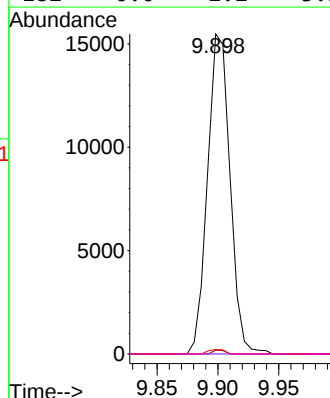
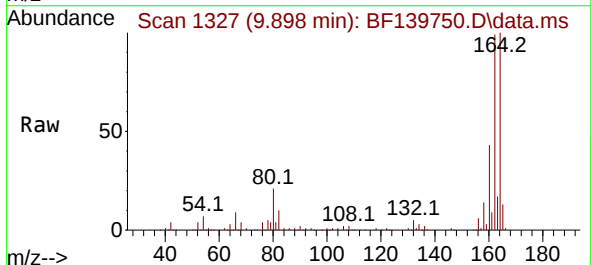
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

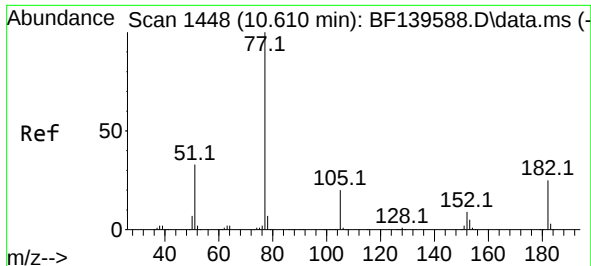
Tgt Ion:165 Resp: 19895
Ion Ratio Lower Upper
165 100
63 1.2 56.7 85.1#
89 1.4 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.464 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Tgt Ion:165 Resp: 19895
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.4 64.4 96.6#
182 0.0 2.2 3.2#

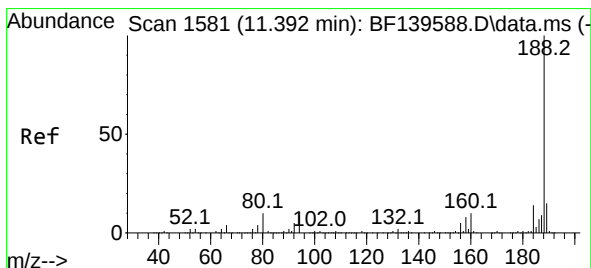
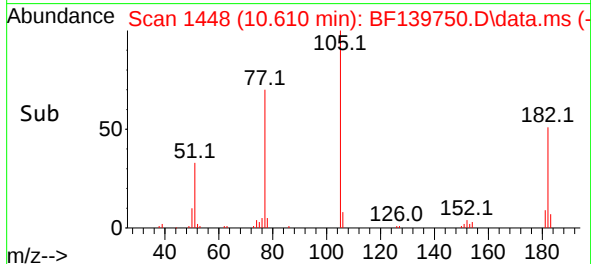
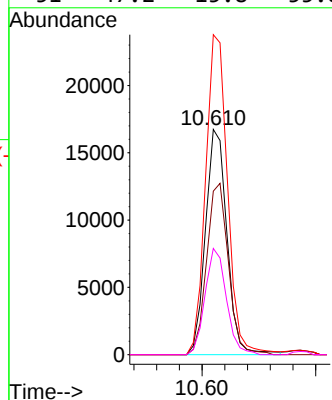
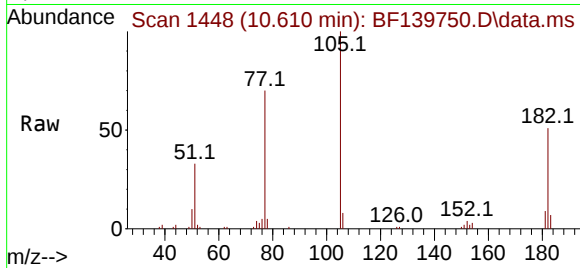




#63
Azobenzene
Concen: 2.033 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

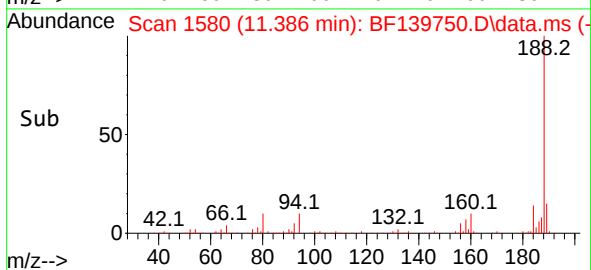
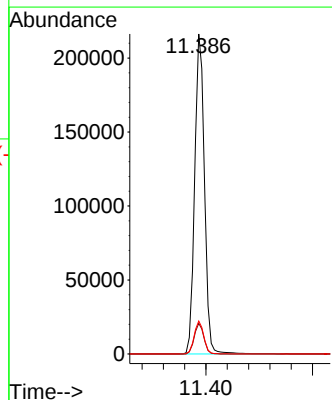
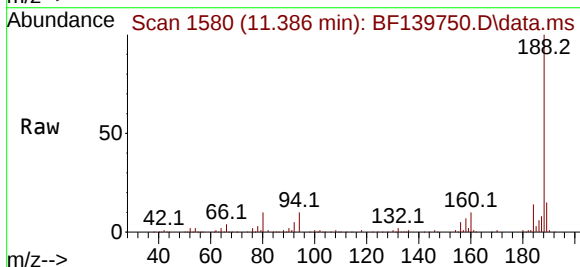
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3

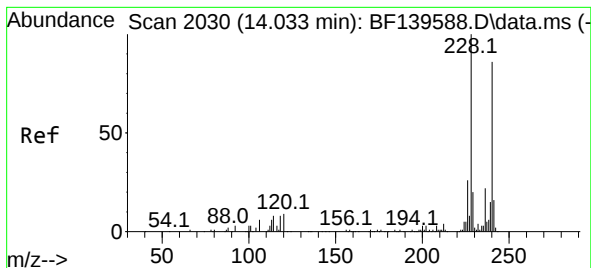
Tgt Ion: 77	Resp: 22008
Ion Ratio	Lower Upper
77 100	
182 72.6	4.2 44.2#
105 142.1	0.0 39.6#
51 47.2	15.8 55.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Tgt Ion: 188	Resp: 275198
Ion Ratio	Lower Upper
188 100	
94 9.5	7.4 11.2
80 10.3	8.2 12.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139750.D

Acq: 10 Oct 2024 17:01

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-3

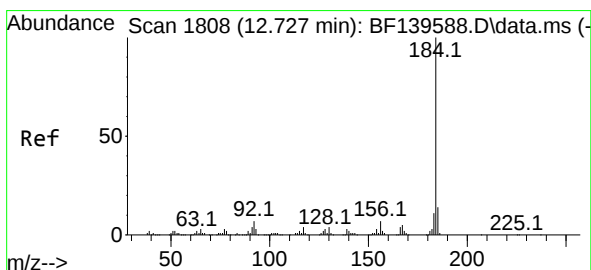
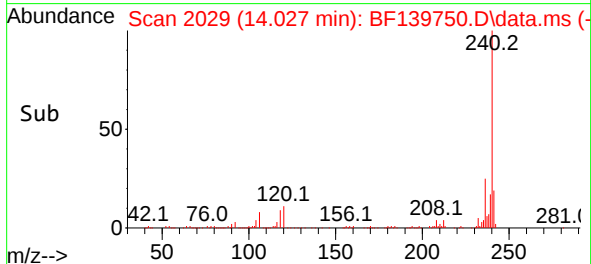
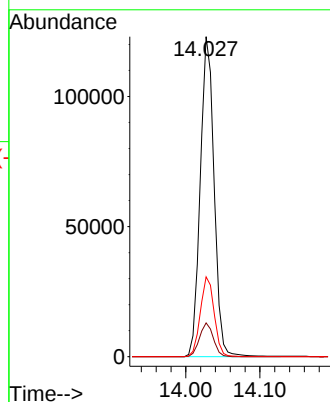
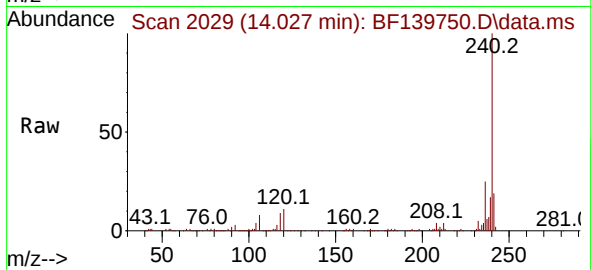
Tgt Ion:240 Resp: 160112

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 24.9 20.3 30.5



#77

Benzidine

Concen: 2.600 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139750.D

Acq: 10 Oct 2024 17:01

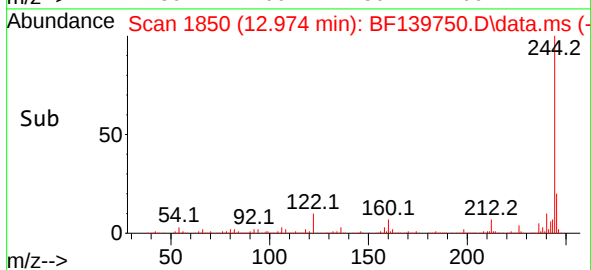
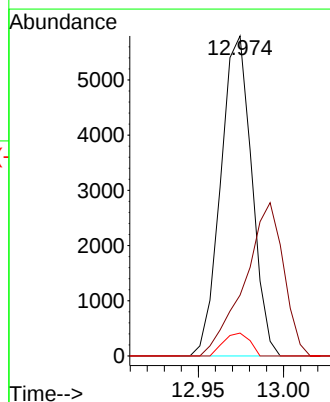
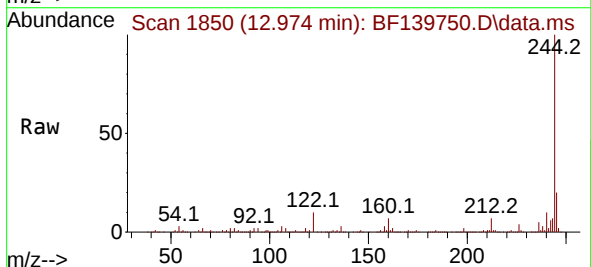
Tgt Ion:184 Resp: 7342

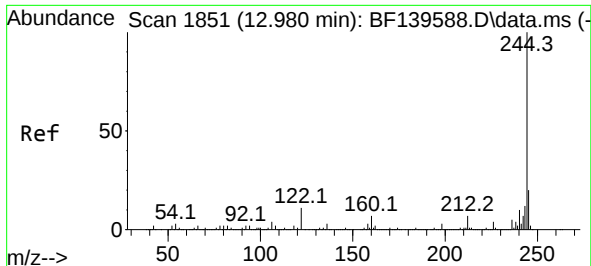
Ion Ratio Lower Upper

184 100

185 19.0 11.4 17.0#

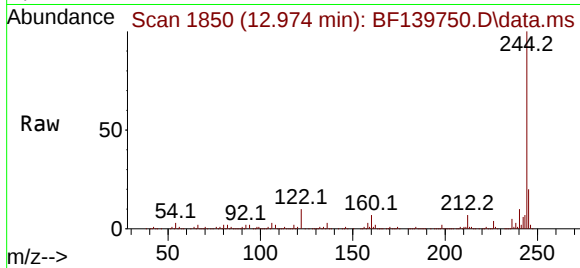
183 7.2 8.8 13.2#



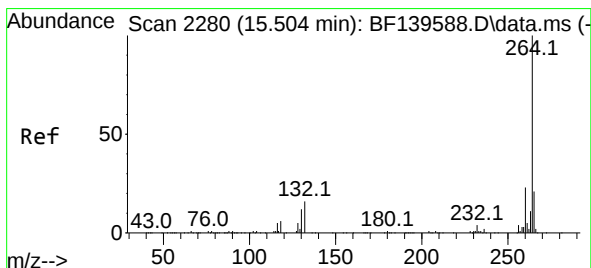
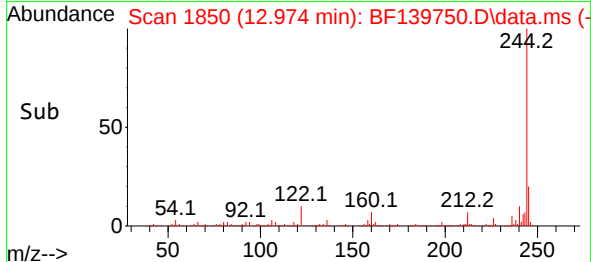
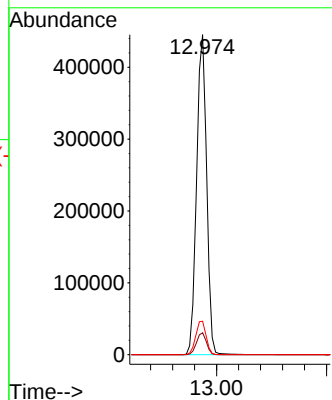


#79
Terphenyl-d14
Concen: 57.817 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-3



Tgt Ion:244 Resp: 564178
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 10.5 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BF139750.D
Acq: 10 Oct 2024 17:01

Tgt Ion:264 Resp: 168695
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.3 16.9 25.3

