

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139754.D
 Acq On : 10 Oct 2024 18:55
 Operator : RC/JU
 Sample : P4375-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-7

Quant Time: Oct 10 23:19:33 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)

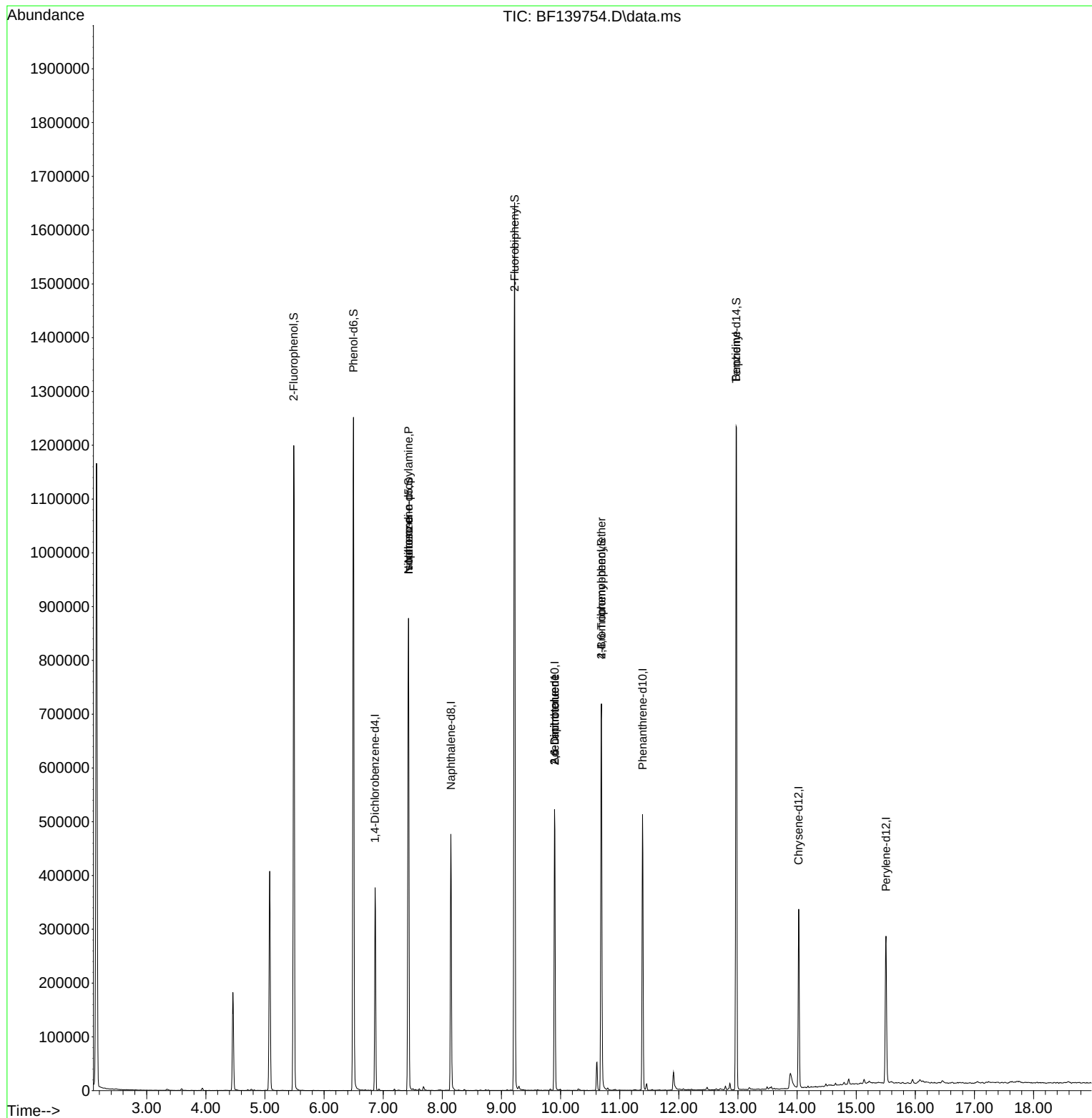
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	75501	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	287426	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	157713	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	275375	20.000	ng	0.00
76) Chrysene-d12	14.027	240	157860	20.000	ng	0.00
86) Perylene-d12	15.504	264	163953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	416961	95.720	ng	0.00
7) Phenol-d6	6.498	99	568283	97.011	ng	0.00
23) Nitrobenzene-d5	7.428	82	372595	65.633	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	116394	76.451	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	711667	69.274	ng	0.00
79) Terphenyl-d14	12.974	244	617746	64.210	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	50471	13.401	ng	# 74
25) Isophorone	7.428	82	369244	36.621	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	19324	8.286	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	19324	6.339	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	8301	2.940	ng	# 1
77) Benzidine	12.968	184	8338	2.994	ng	# 90

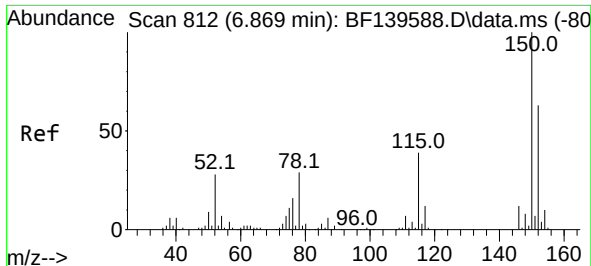
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
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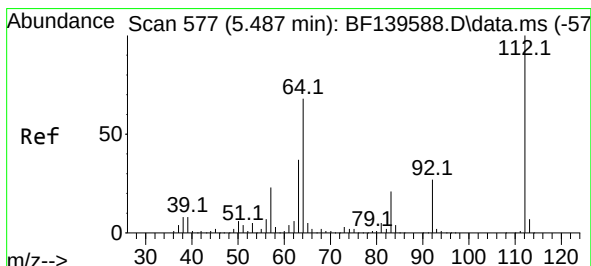
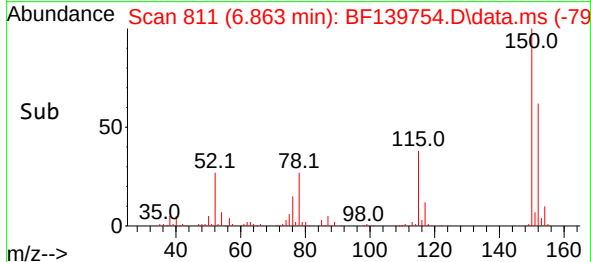
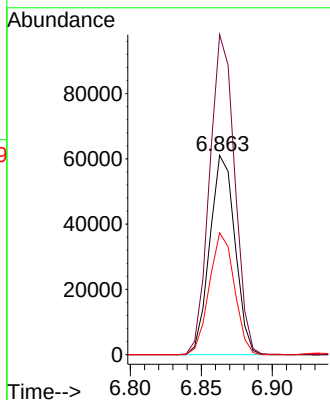
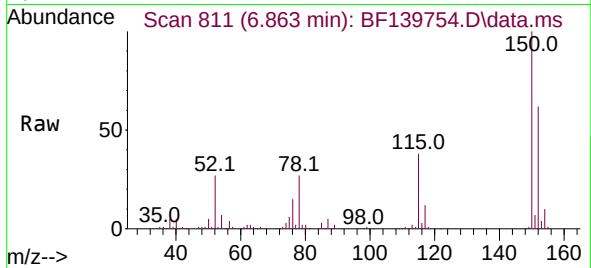




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

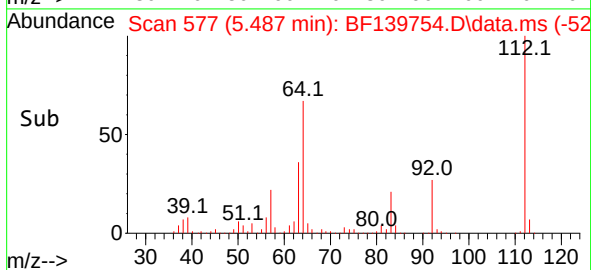
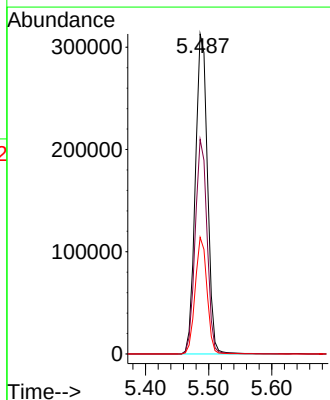
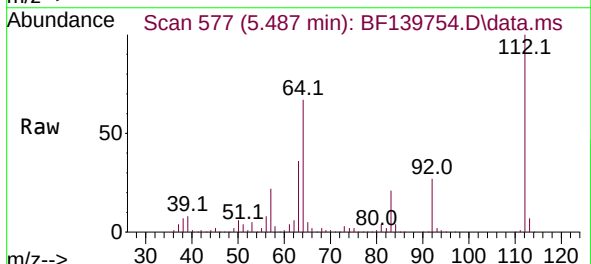
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-7

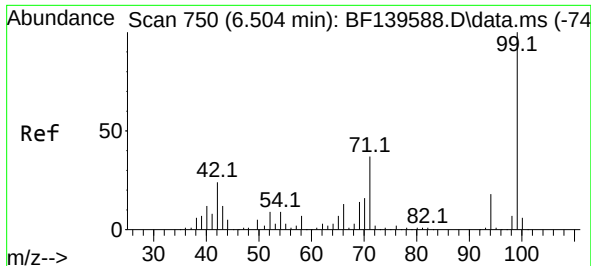
Tgt Ion:152 Resp: 75501
Ion Ratio Lower Upper
152 100
150 160.6 127.2 190.8
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 95.720 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion:112 Resp: 416961
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 36.4 29.4 44.2

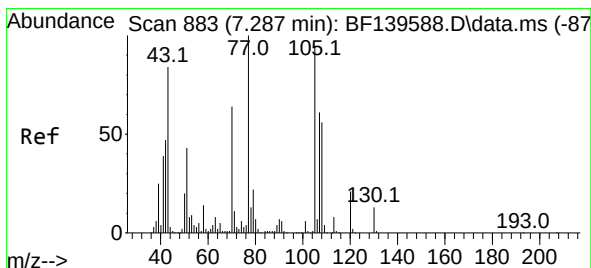
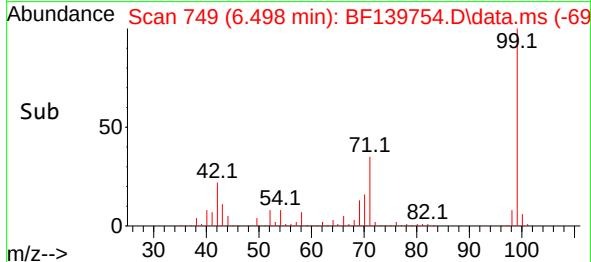
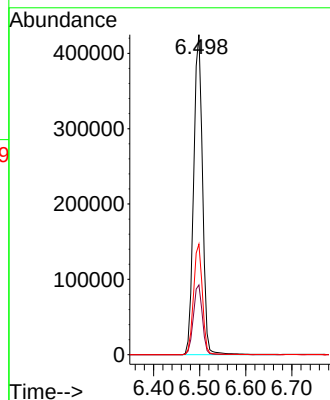
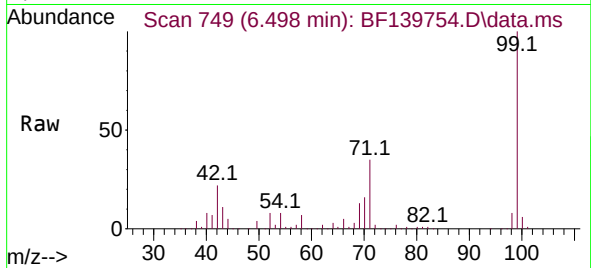




#7
Phenol-d6
Concen: 97.011 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

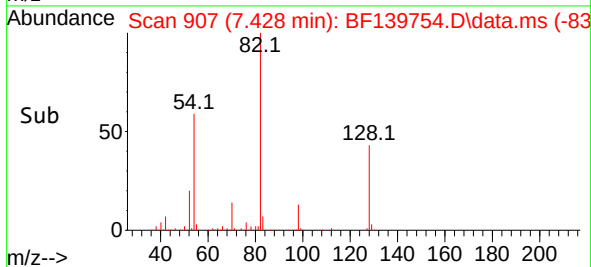
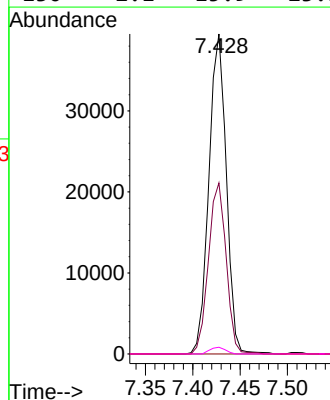
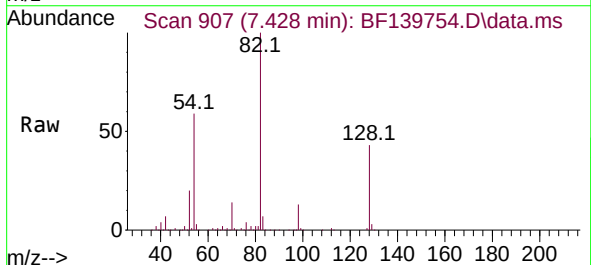
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-7

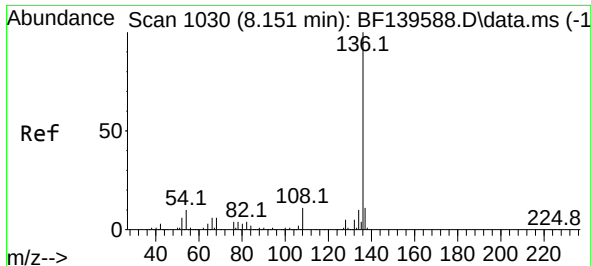
Tgt Ion: 99 Resp: 568283
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 34.6 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.401 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion: 70 Resp: 50471
Ion Ratio Lower Upper
70 100
42 53.4 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 15.9 23.9#

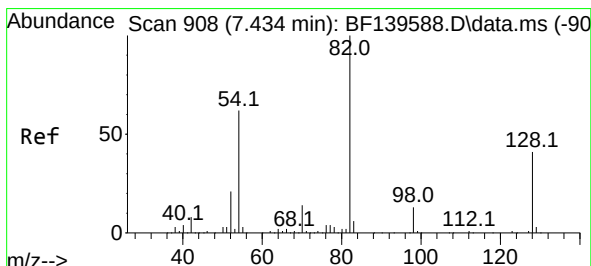
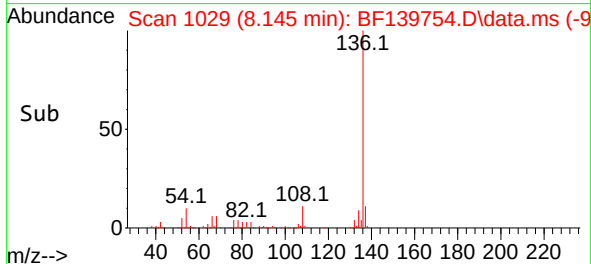
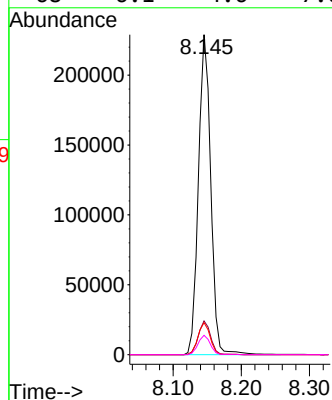
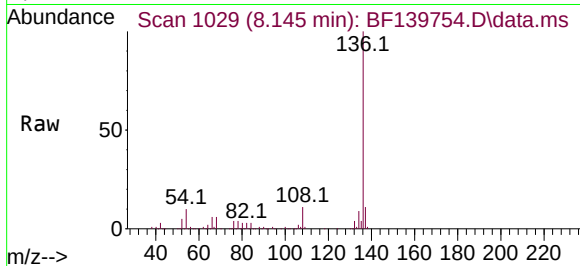




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

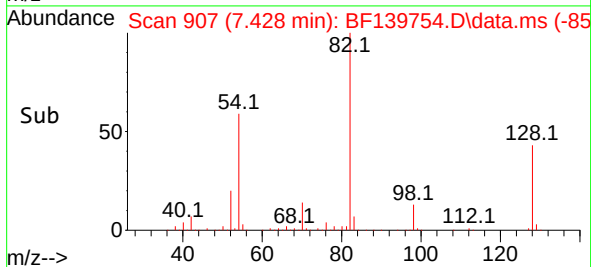
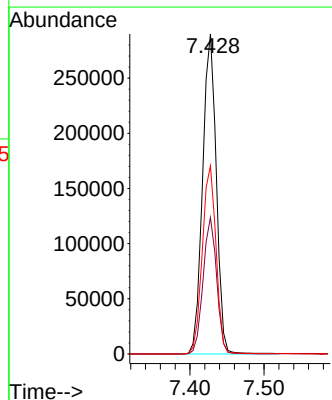
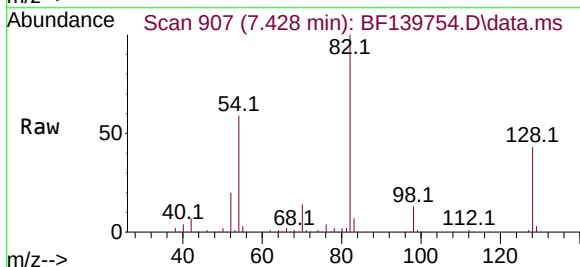
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-7

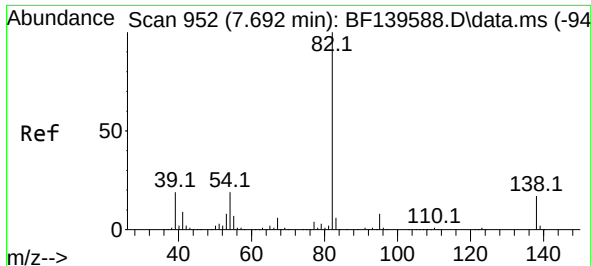
Tgt Ion:136 Resp: 287426
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.0 8.3 12.5
68 6.1 4.6 7.0



#23
Nitrobenzene-d5
Concen: 65.633 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion: 82 Resp: 372595
Ion Ratio Lower Upper
82 100
128 42.7 32.4 48.6
54 58.8 49.1 73.7

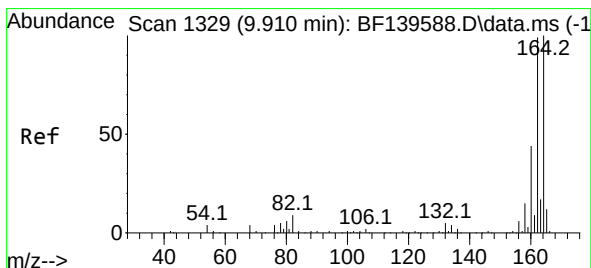
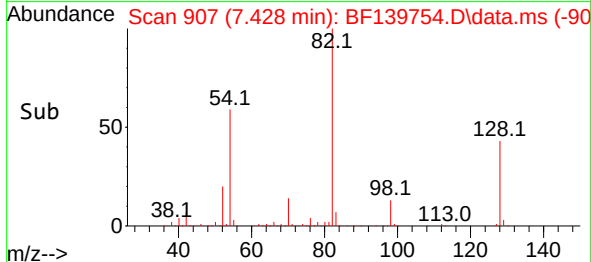
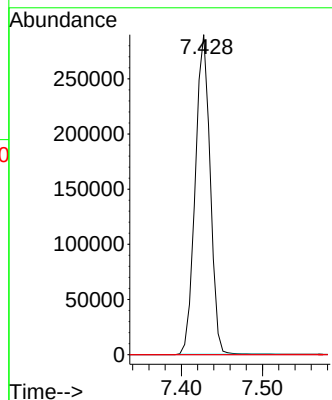
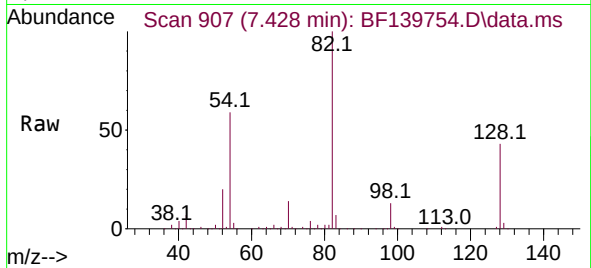




#25
Isophorone
Concen: 36.621 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

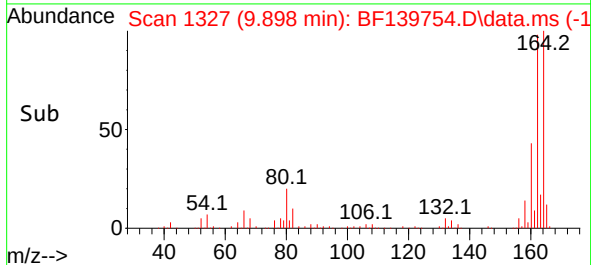
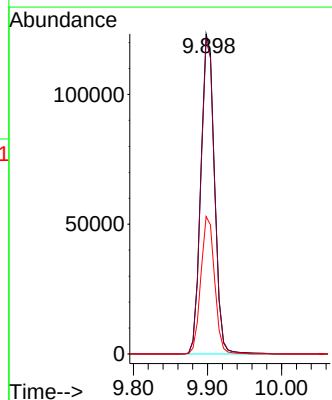
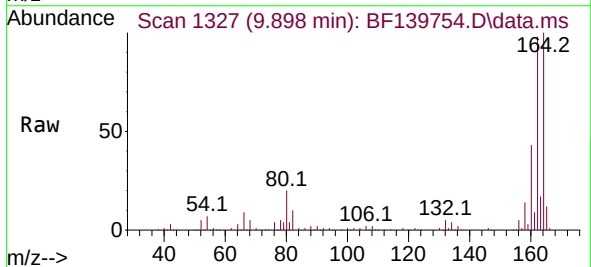
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ClientSampleId :
CONCRETE-PADS-7

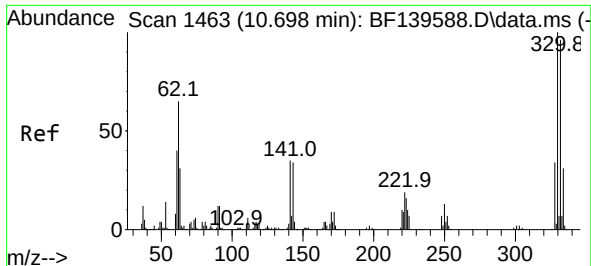
Tgt Ion: 82 Resp: 369244
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion:164 Resp: 157713
Ion Ratio Lower Upper
164 100
162 98.3 79.4 119.0
160 43.0 35.1 52.7

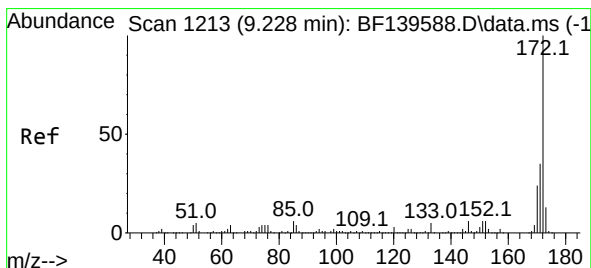
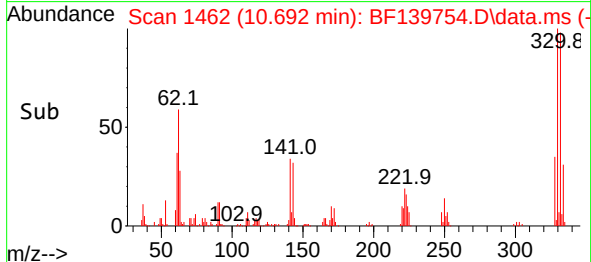
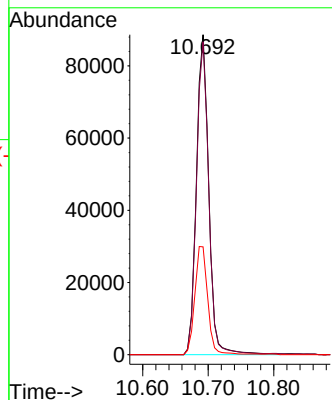
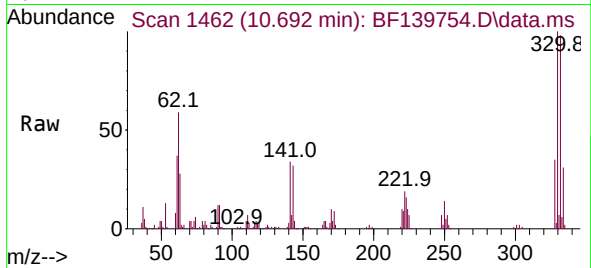




#42
2,4,6-Tribromophenol
Concen: 76.451 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

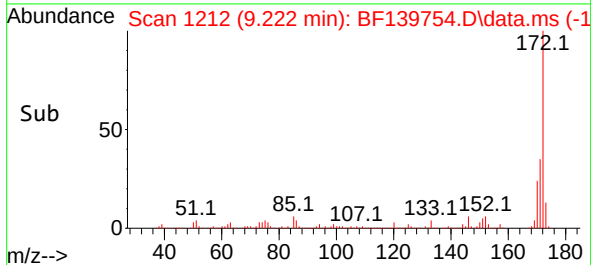
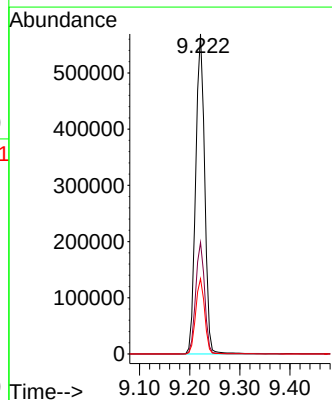
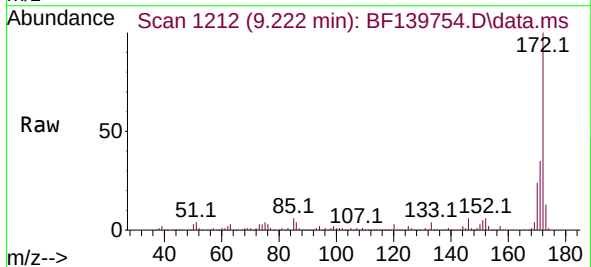
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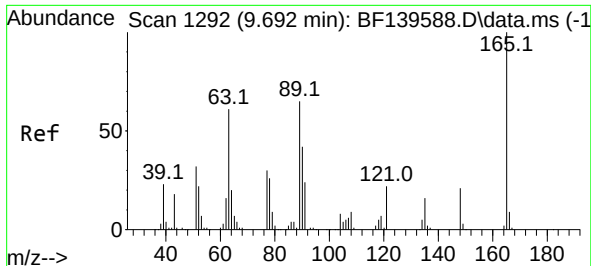
Tgt Ion: 330 Resp: 116394
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 35.3 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 69.274 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion: 172 Resp: 711667
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.5 18.8 28.2

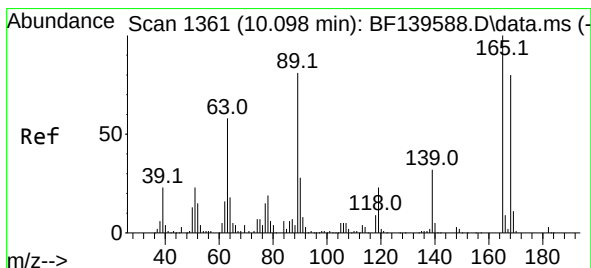
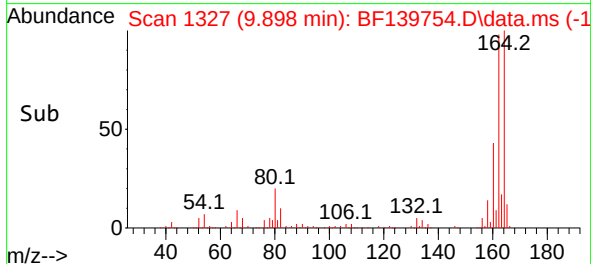
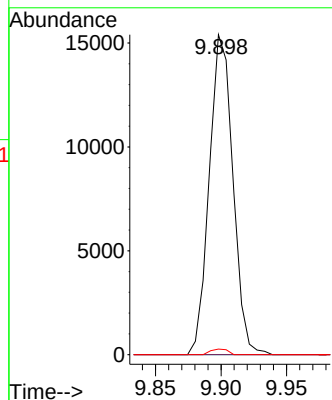
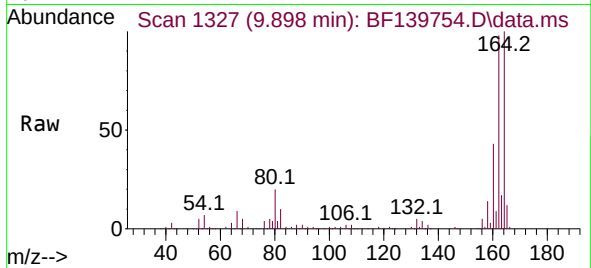




#51
2,6-Dinitrotoluene
Concen: 8.286 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

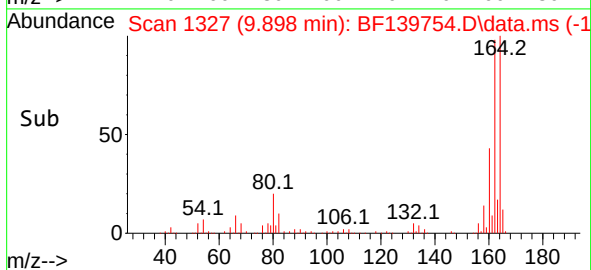
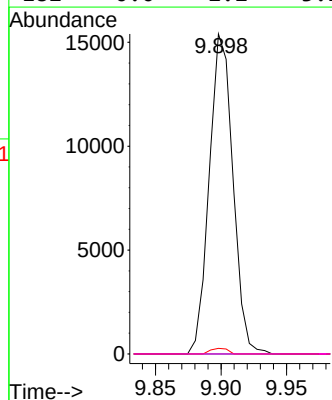
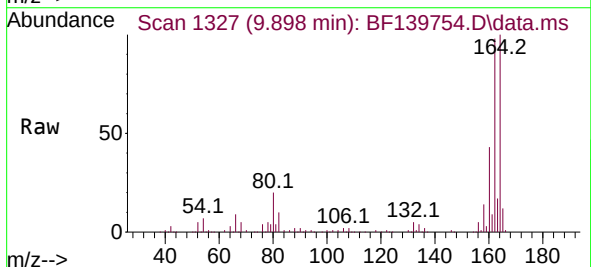
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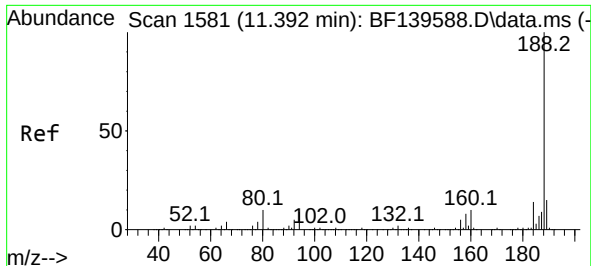
Tgt Ion:165 Resp: 19324
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 1.7 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.339 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion:165 Resp: 19324
Ion Ratio Lower Upper
165 100
63 0.0 46.9 70.3#
89 1.7 64.4 96.6#
182 0.0 2.2 3.2#

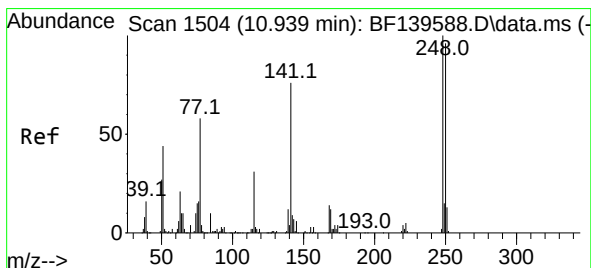
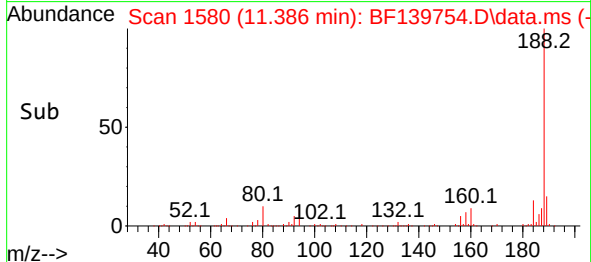
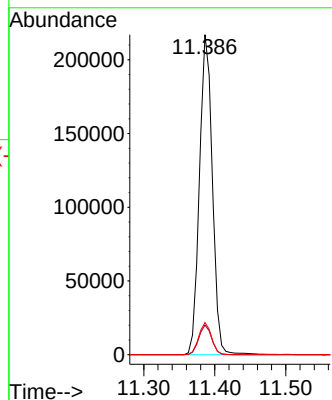
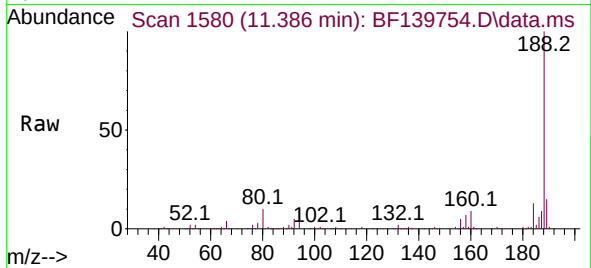




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

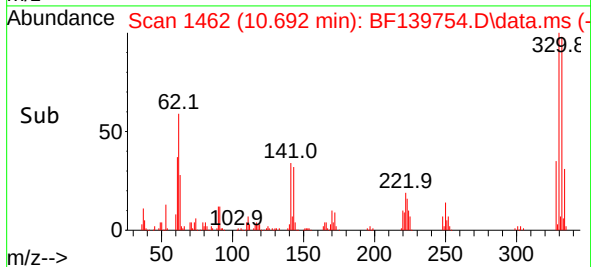
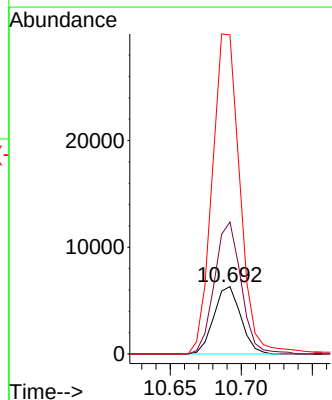
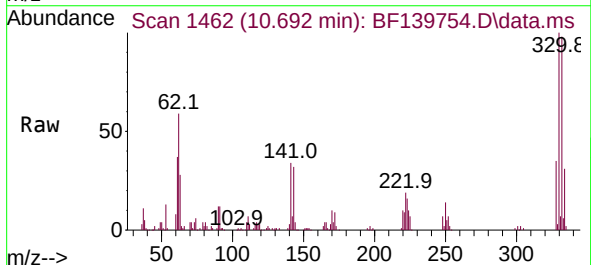
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-7

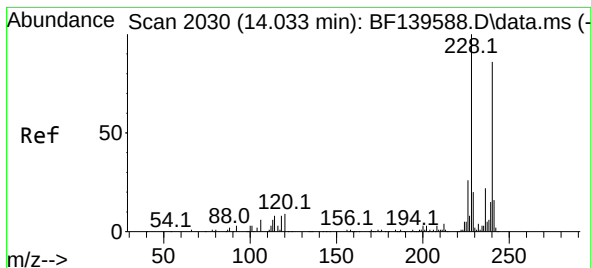
Tgt Ion:188 Resp: 275375
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.940 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion:248 Resp: 8301
Ion Ratio Lower Upper
248 100
250 196.0 77.1 115.7#
141 473.8 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139754.D

Acq: 10 Oct 2024 18:55

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-7

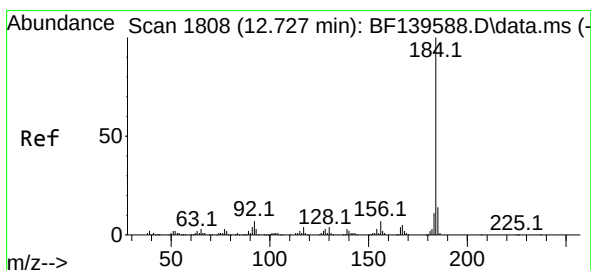
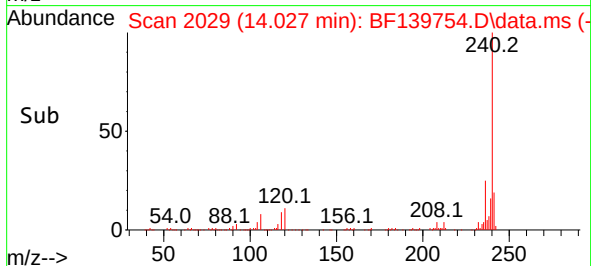
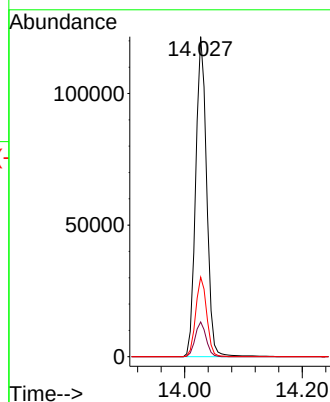
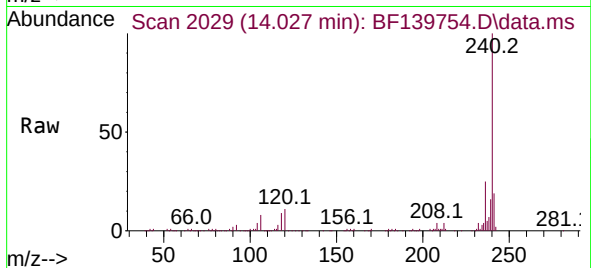
Tgt Ion:240 Resp: 157860

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

236 24.8 20.3 30.5



#77

Benzidine

Concen: 2.994 ng

RT: 12.968 min Scan# 1849

Delta R.T. 0.241 min

Lab File: BF139754.D

Acq: 10 Oct 2024 18:55

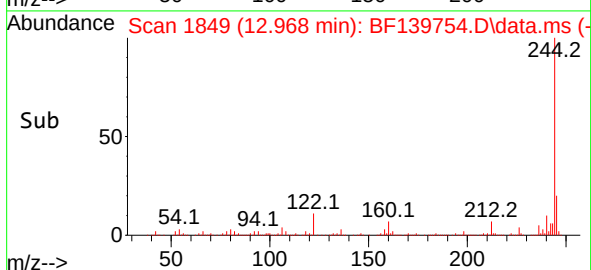
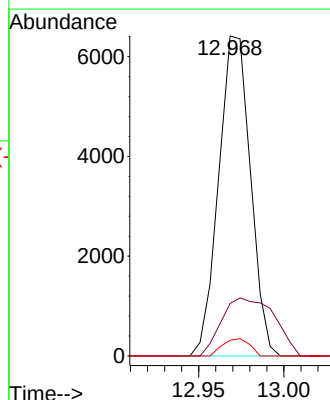
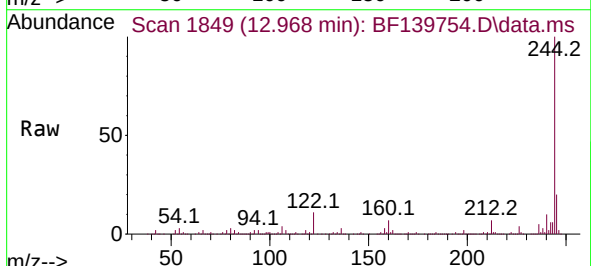
Tgt Ion:184 Resp: 8338

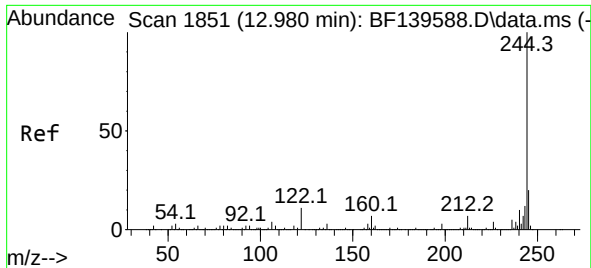
Ion Ratio Lower Upper

184 100

185 16.4 11.4 17.0

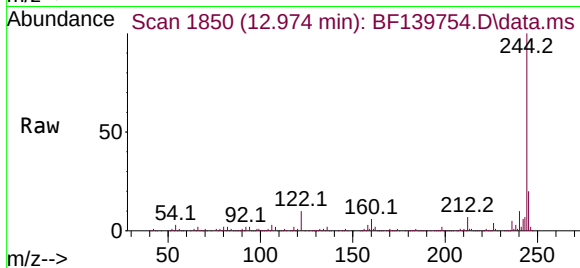
183 5.0 8.8 13.2#



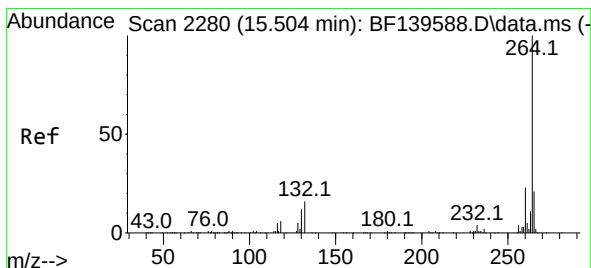
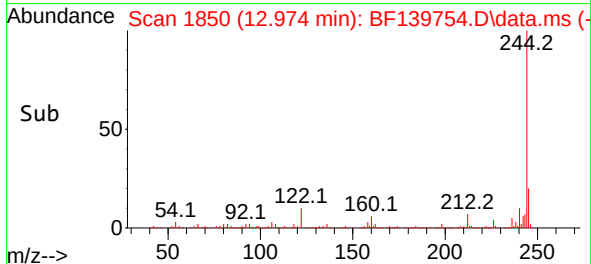
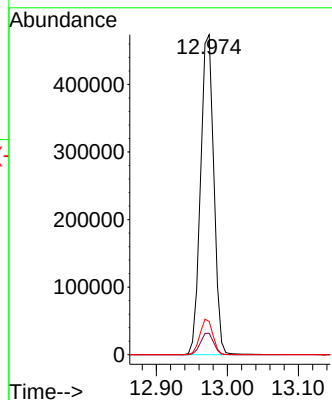


#79
Terphenyl-d14
Concen: 64.210 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139754.D
Acq: 10 Oct 2024 18:55

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-7



Tgt Ion:244 Resp: 617746
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 10.4 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: BF139754.D
Acq: 10 Oct 2024 18:55

Tgt Ion:264 Resp: 163953
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.2 16.9 25.3

