

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139792.D
 Acq On : 14 Oct 2024 16:58
 Operator : RC/JU
 Sample : P4375-21RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-11

Quant Time: Oct 14 17:33:51 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)

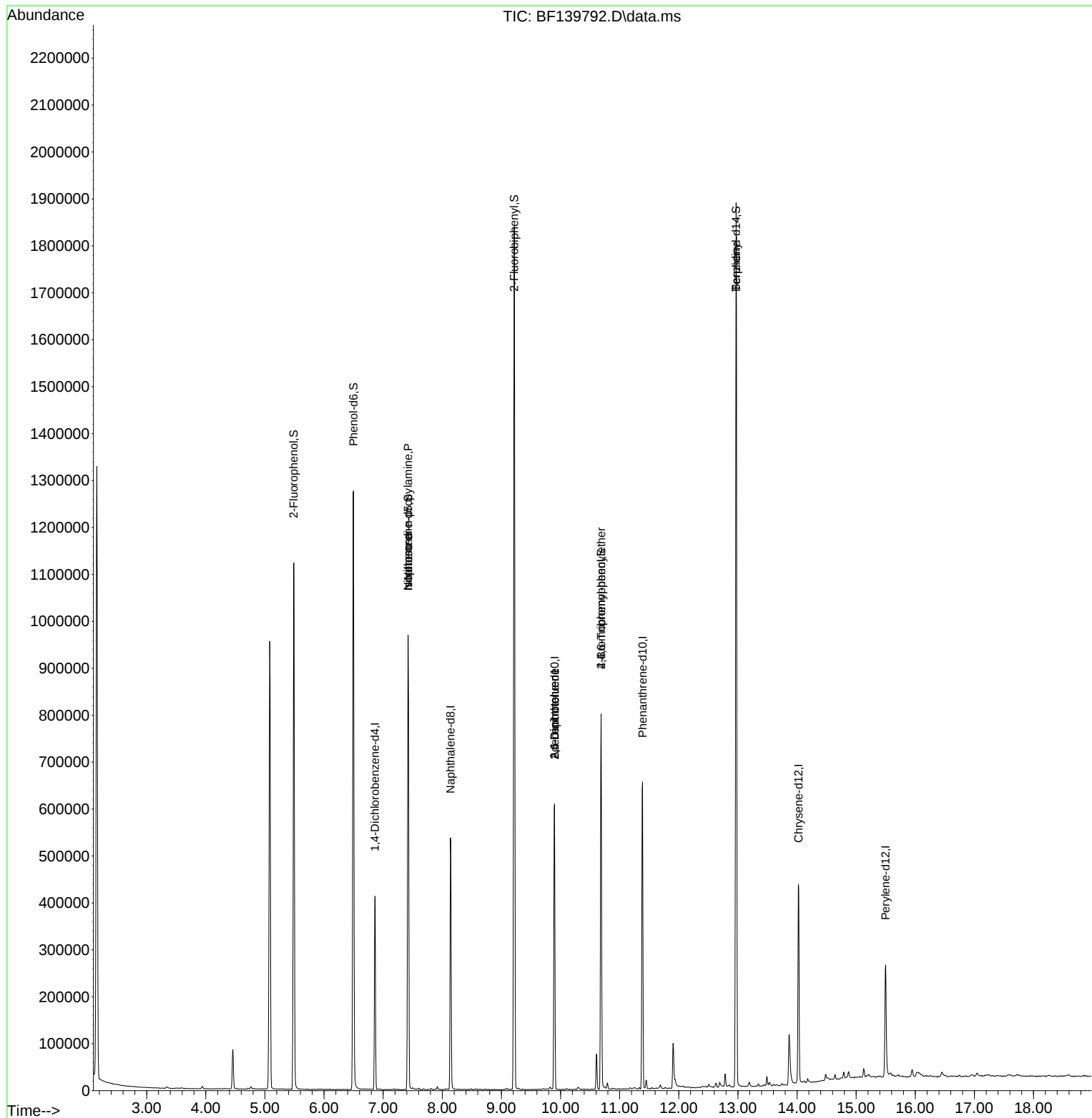
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85252	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	333479	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	188237	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	360517	20.000	ng	0.00
76) Chrysene-d12	14.027	240	216064	20.000	ng	0.00
86) Perylene-d12	15.498	264	150218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	391910	79.679	ng	0.00
7) Phenol-d6	6.498	99	596097	90.120	ng	0.00
23) Nitrobenzene-d5	7.422	82	418547	63.546	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	122024	67.152	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	799312	65.189	ng	-0.01
79) Terphenyl-d14	12.969	244	926068	70.327	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	56732	13.341	ng	# 75
25) Isophorone	7.422	82	415075	35.481	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	23573	8.469	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	23573	6.479	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	8191	2.216	ng	# 1
77) Benzidine	12.969	184	12322	3.233	ng	# 90

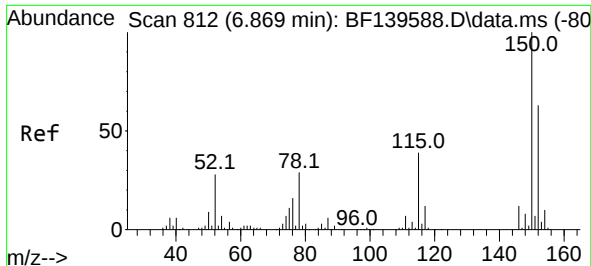
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
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CONCRETE-PADS-11

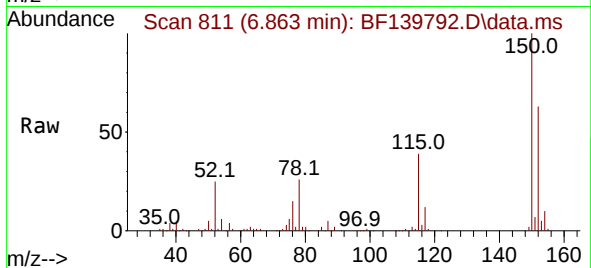
Quant Time: Oct 14 17:33:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
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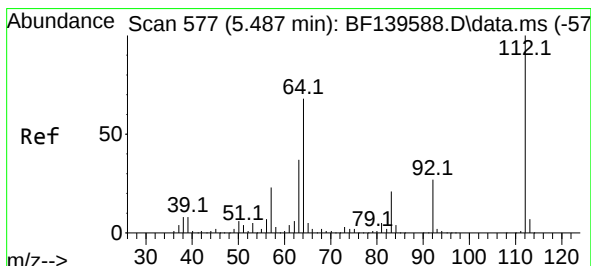
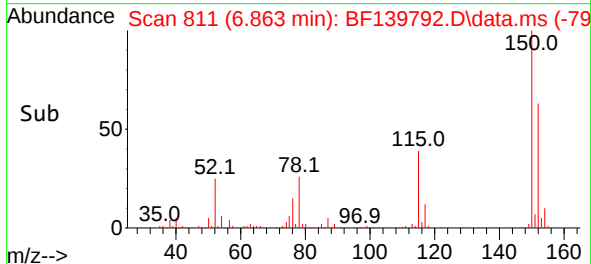
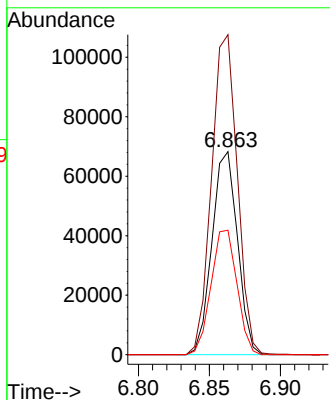


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

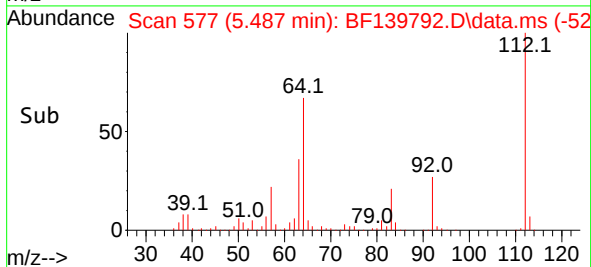
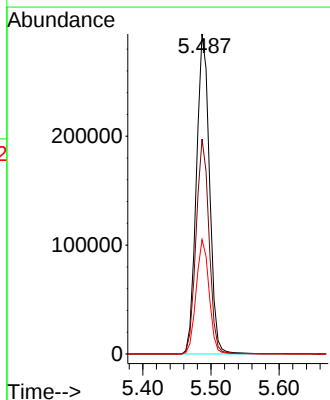
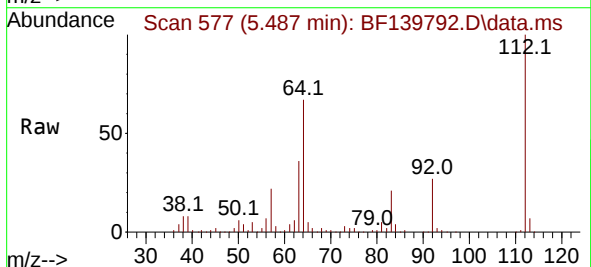


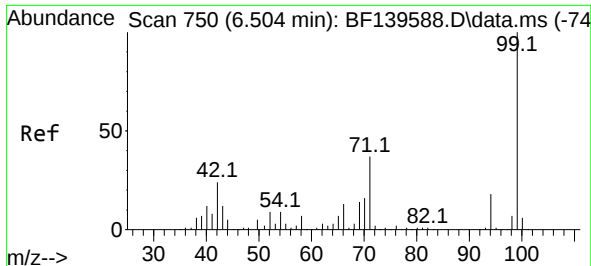
Tgt Ion:152 Resp: 85252
Ion Ratio Lower Upper
152 100
150 157.5 127.2 190.8
115 61.3 49.0 73.4



#5
2-Fluorophenol
Concen: 79.679 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Tgt Ion:112 Resp: 391910
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 35.8 29.4 44.2

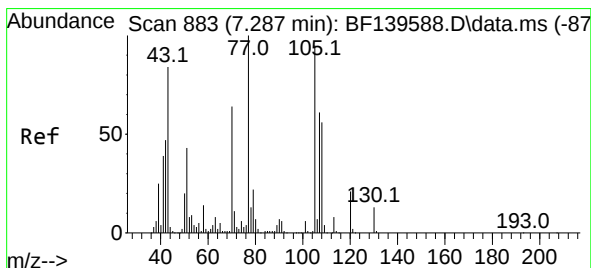
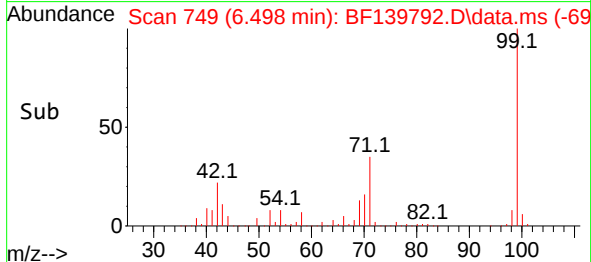
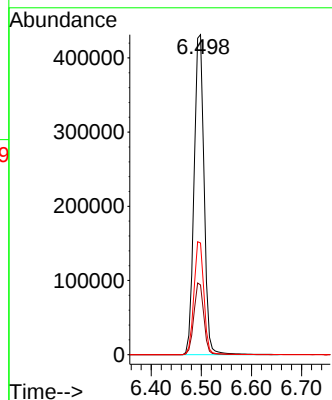
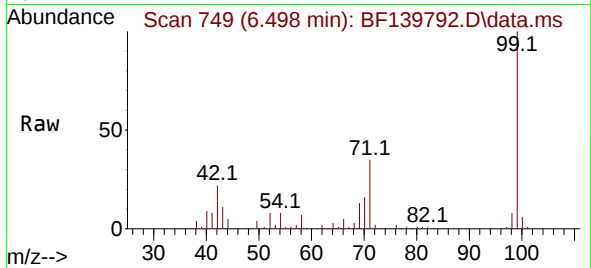




#7
Phenol-d6
Concen: 90.120 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

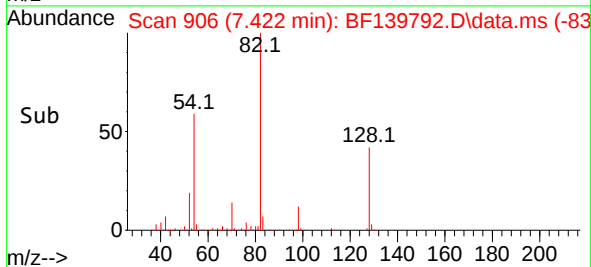
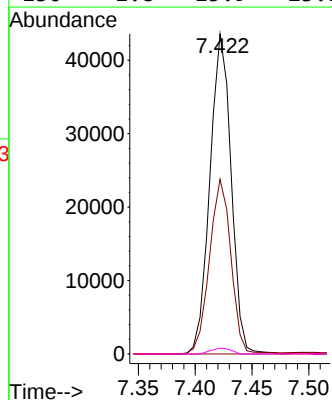
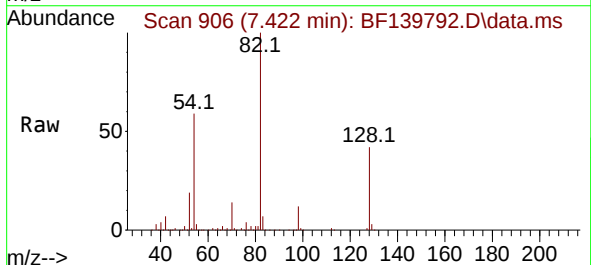
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

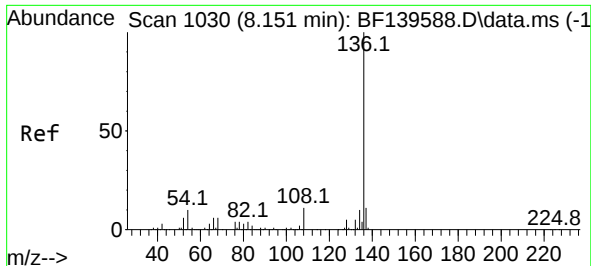
Tgt Ion: 99 Resp: 596097
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 34.9 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.341 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Tgt Ion: 70 Resp: 56732
Ion Ratio Lower Upper
70 100
42 54.6 58.0 87.0#
101 0.0 7.8 11.8#
130 1.8 15.9 23.9#

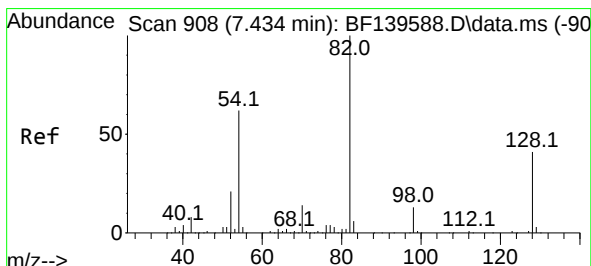
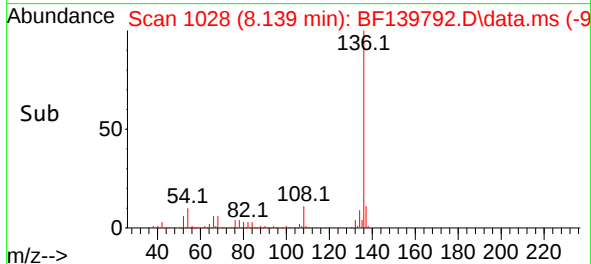
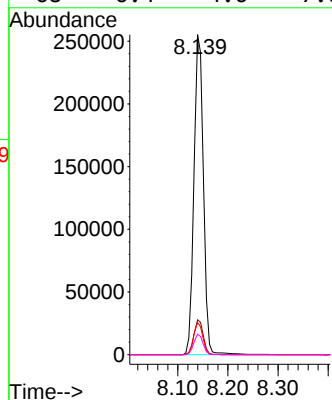
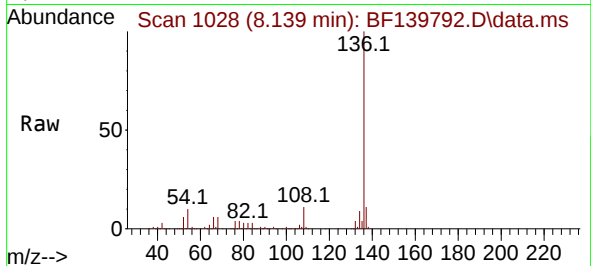




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

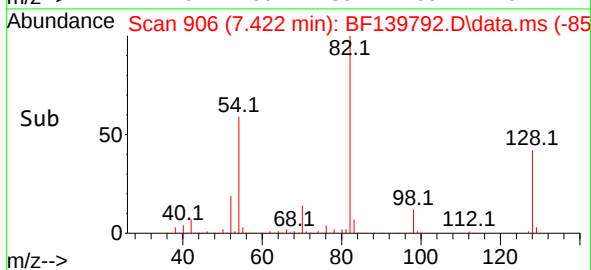
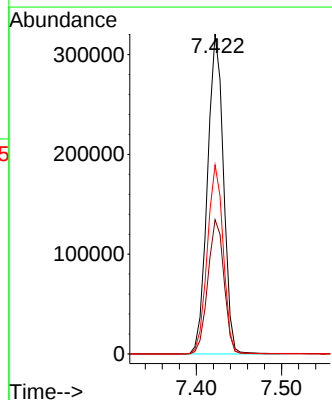
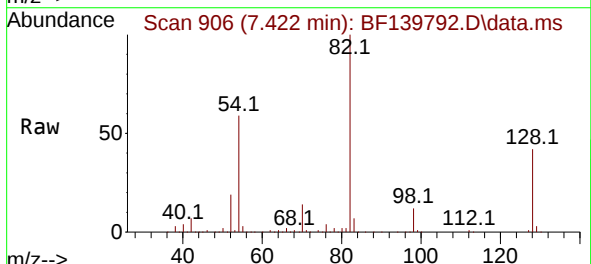
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

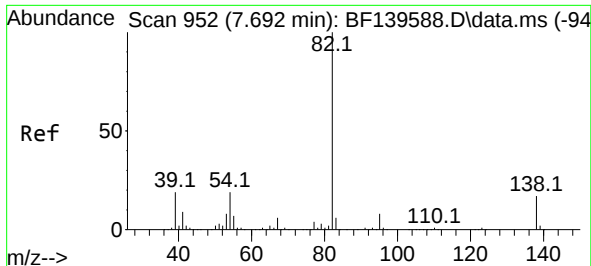
Tgt Ion:136	Resp: 333479
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 10.1	8.3 12.5
68 6.4	4.6 7.0



#23
Nitrobenzene-d5
Concen: 63.546 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Tgt Ion: 82	Resp: 418547
Ion Ratio	Lower Upper
82 100	
128 41.9	32.4 48.6
54 59.0	49.1 73.7

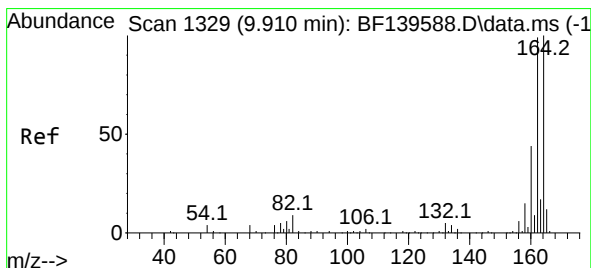
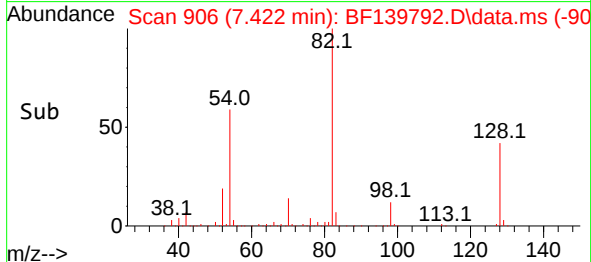
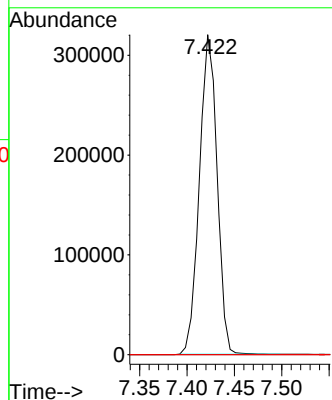
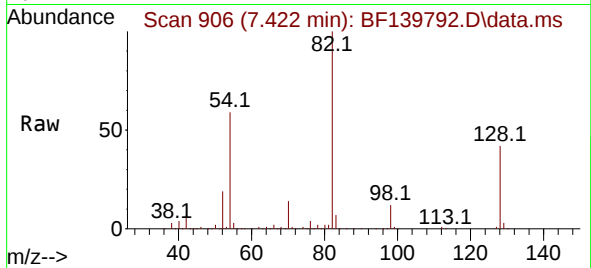




#25
Isophorone
Concen: 35.481 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

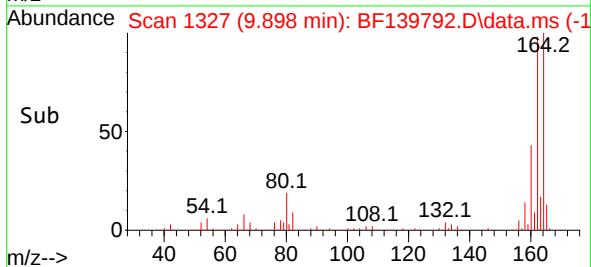
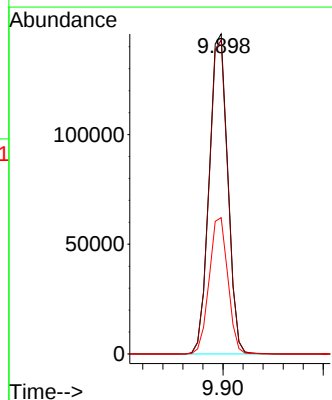
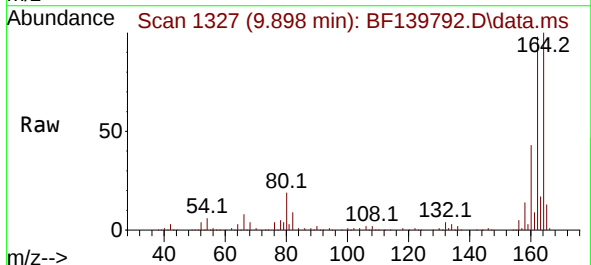
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

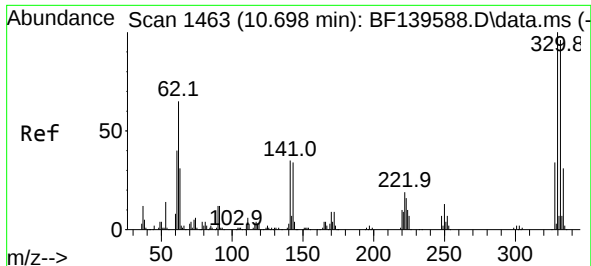
Tgt Ion: 82 Resp: 415075
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Tgt Ion:164 Resp: 188237
Ion Ratio Lower Upper
164 100
162 98.1 79.4 119.0
160 42.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 67.152 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139792.D

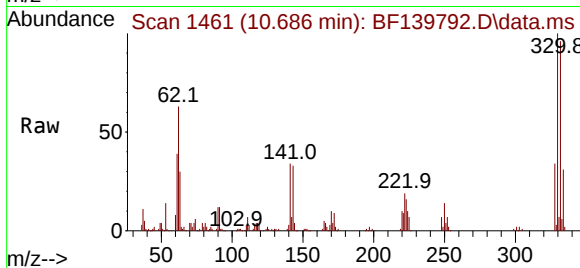
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Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-11



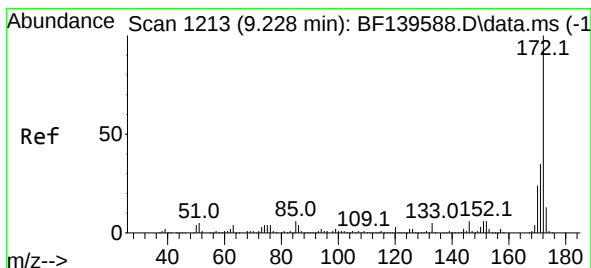
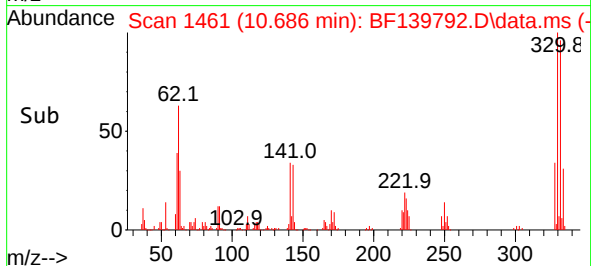
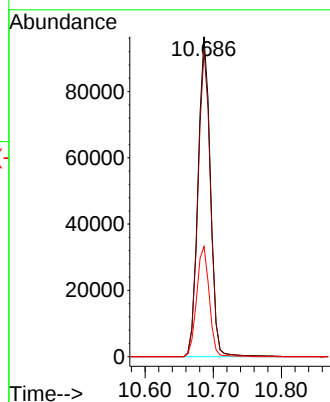
Tgt Ion:330 Resp: 122024

Ion Ratio Lower Upper

330 100

332 95.9 76.5 114.7

141 34.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 65.189 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF139792.D

Acq: 14 Oct 2024 16:58

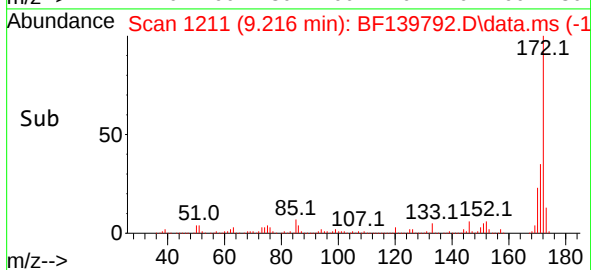
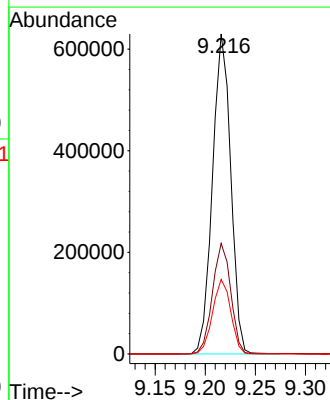
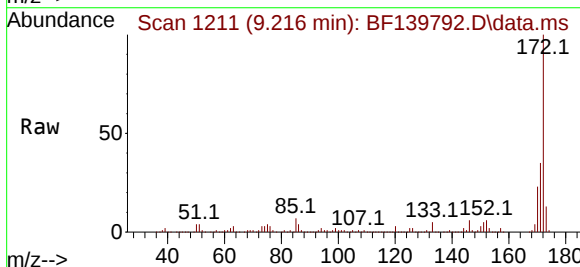
Tgt Ion:172 Resp: 799312

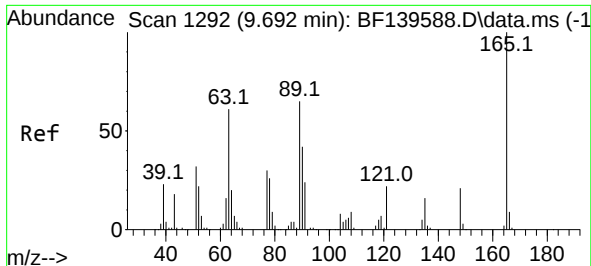
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 23.3 18.8 28.2

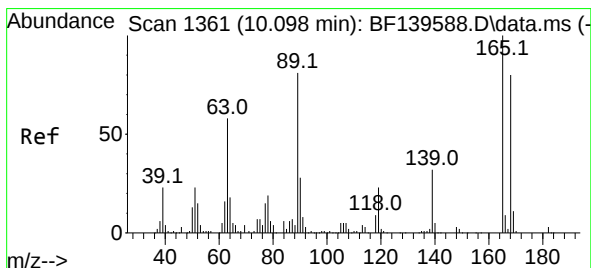
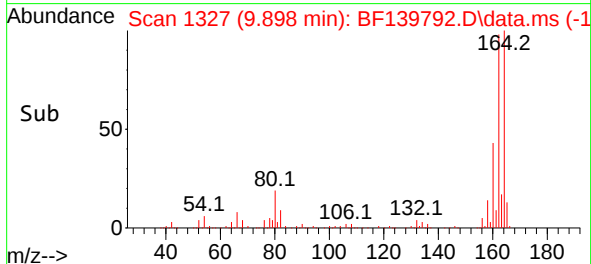
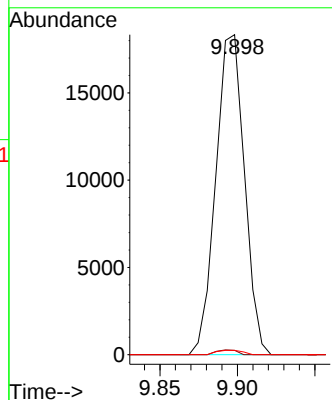
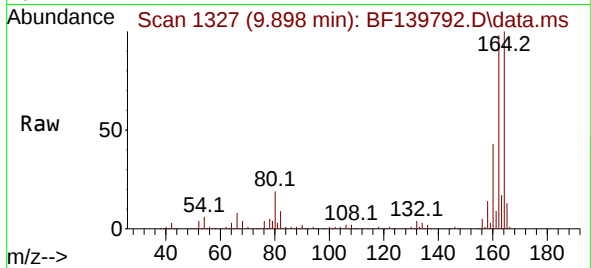




#51
2,6-Dinitrotoluene
Concen: 8.469 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

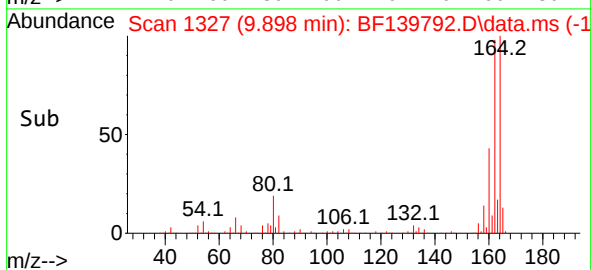
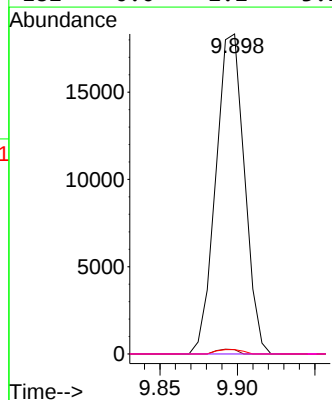
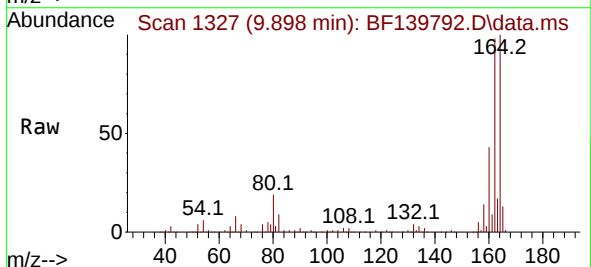
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11

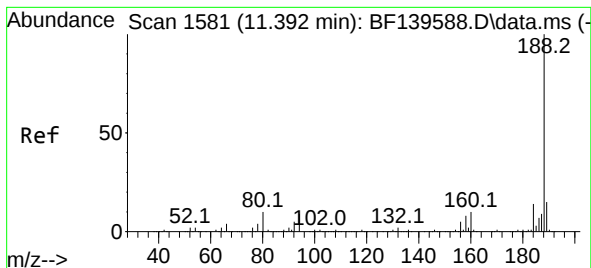
Tgt Ion:165 Resp: 23573
Ion Ratio Lower Upper
165 100
63 1.3 56.7 85.1#
89 1.3 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.479 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Tgt Ion:165 Resp: 23573
Ion Ratio Lower Upper
165 100
63 1.3 46.9 70.3#
89 1.3 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139792.D

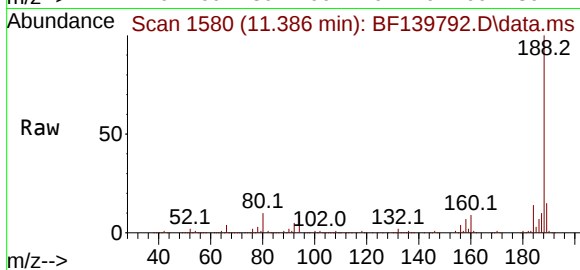
Acq: 14 Oct 2024 16:58

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-11



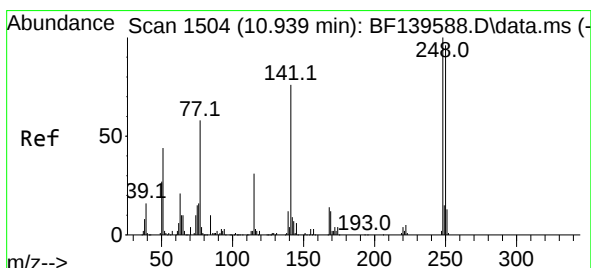
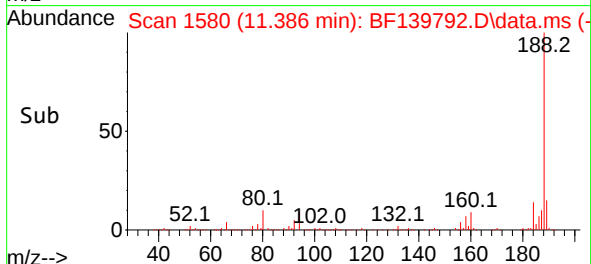
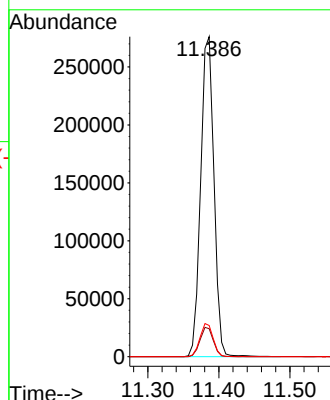
Tgt Ion:188 Resp: 360517

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.8 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 2.216 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.253 min

Lab File: BF139792.D

Acq: 14 Oct 2024 16:58

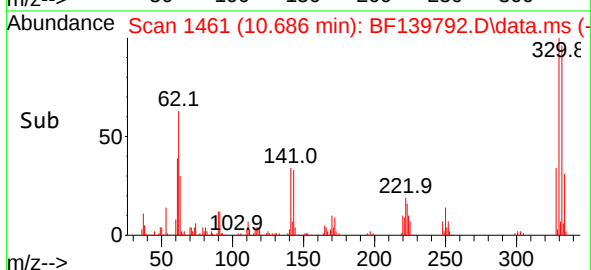
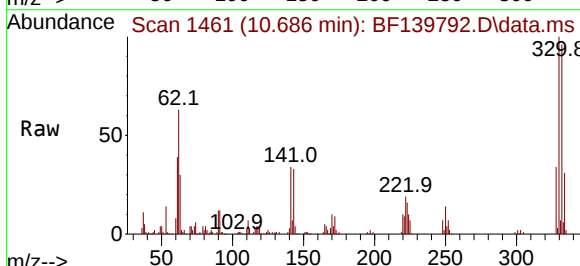
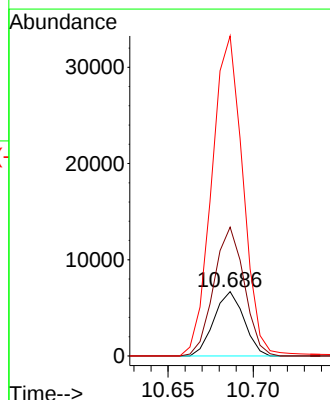
Tgt Ion:248 Resp: 8191

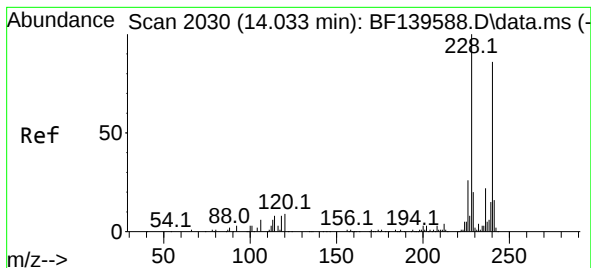
Ion Ratio Lower Upper

248 100

250 200.3 77.1 115.7#

141 497.8 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: BF139792.D

Acq: 14 Oct 2024 16:58

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-11

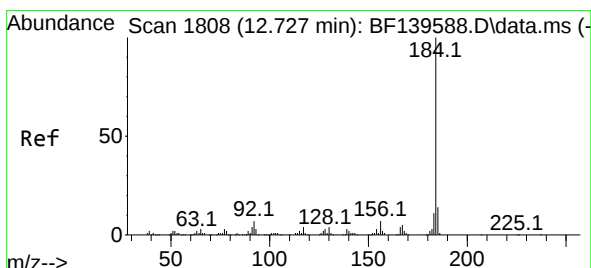
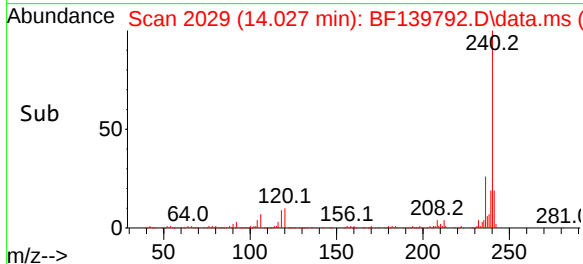
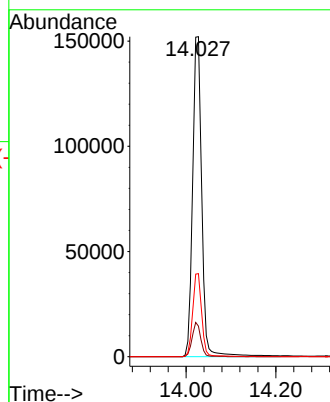
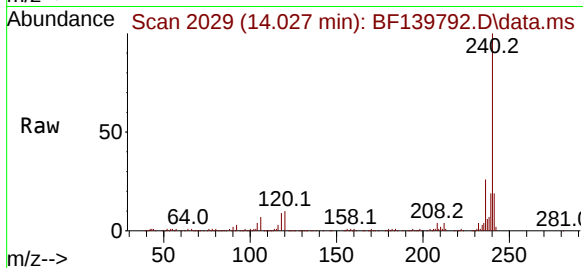
Tgt Ion:240 Resp: 216064

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 26.0 20.3 30.5



#77

Benzidine

Concen: 3.233 ng

RT: 12.969 min Scan# 1849

Delta R.T. 0.241 min

Lab File: BF139792.D

Acq: 14 Oct 2024 16:58

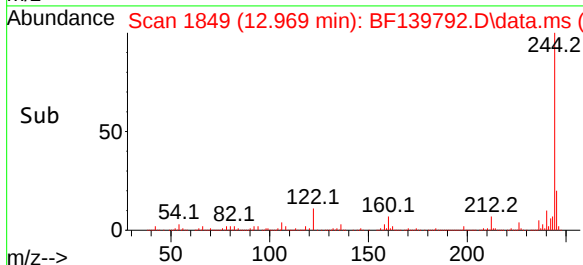
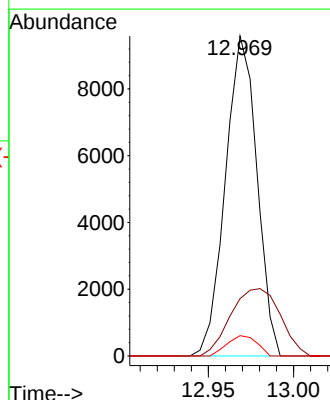
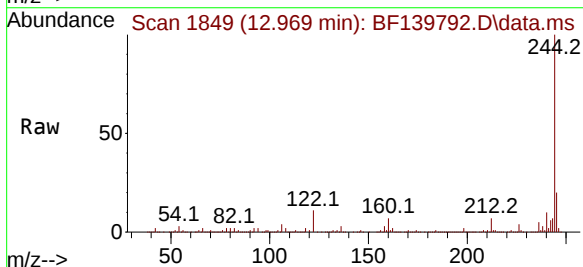
Tgt Ion:184 Resp: 12322

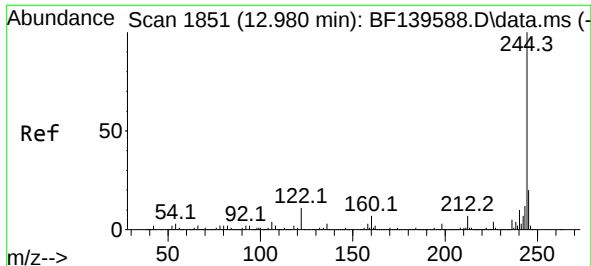
Ion Ratio Lower Upper

184 100

185 17.9 11.4 17.0#

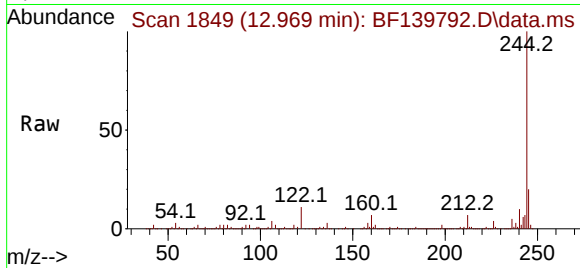
183 6.4 8.8 13.2#



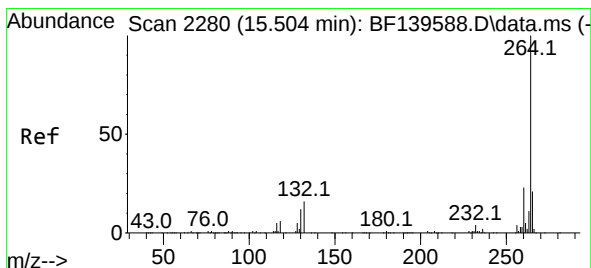
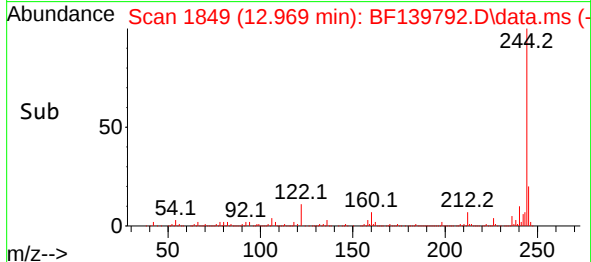
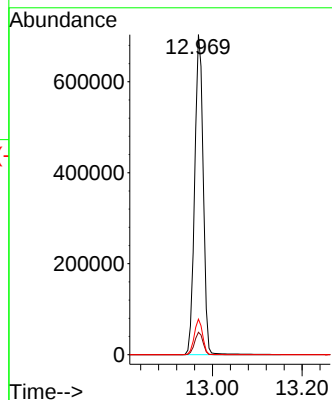


#79
Terphenyl-d14
Concen: 70.327 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-11



Tgt Ion:244 Resp: 926068
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 11.1 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139792.D
Acq: 14 Oct 2024 16:58

Tgt Ion:264 Resp: 150218
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 20.9 16.9 25.3

