

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139752.D
 Acq On : 10 Oct 2024 17:58
 Operator : RC/JU
 Sample : P4375-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-5

Quant Time: Oct 10 23:19:09 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)

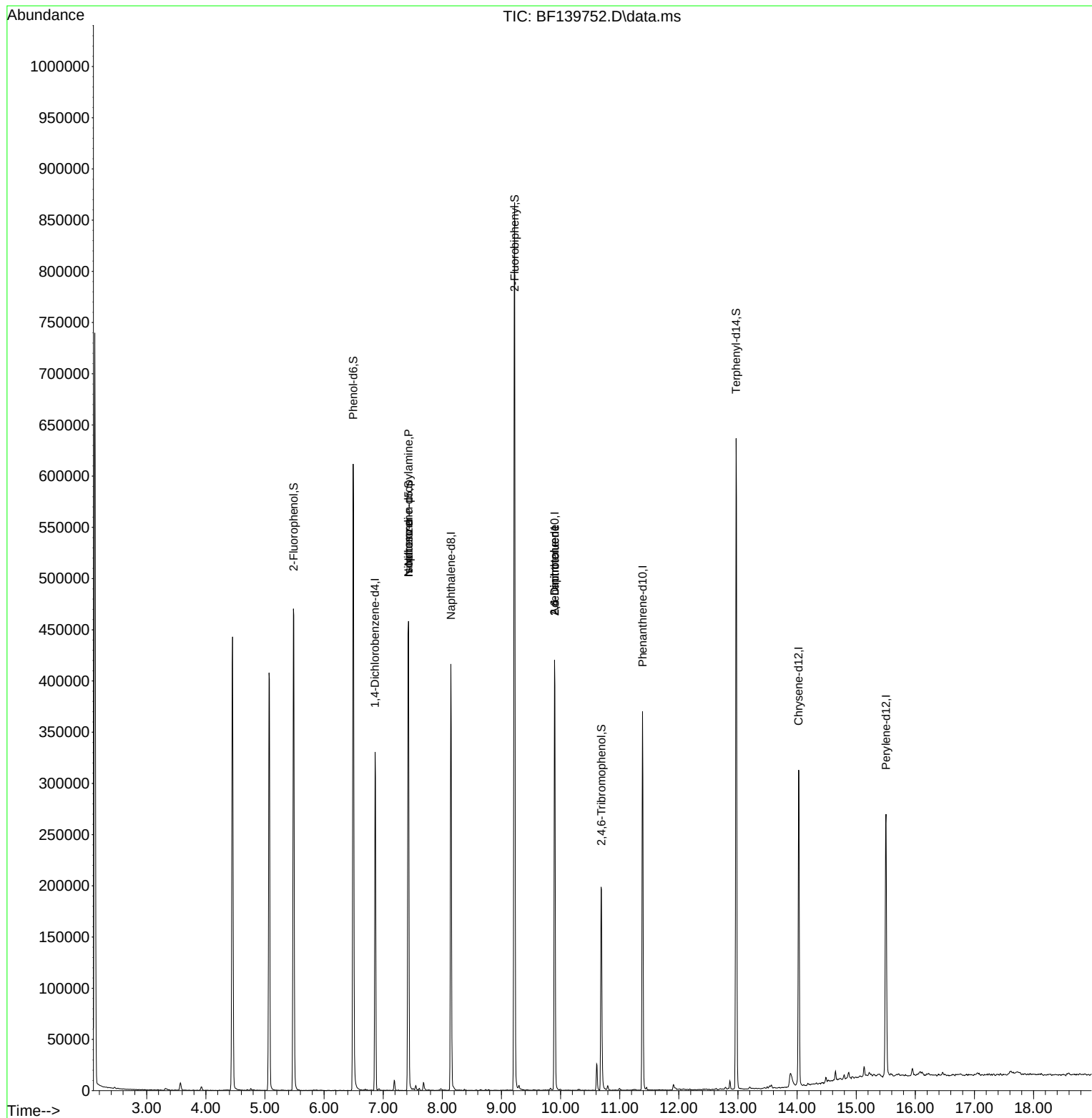
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	68059	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	251519	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	130001	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	198967	20.000	ng	0.00
76) Chrysene-d12	14.027	240	145201	20.000	ng	0.00
86) Perylene-d12	15.504	264	153959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	170081	43.314	ng	0.00
7) Phenol-d6	6.492	99	278610	52.762	ng	-0.01
23) Nitrobenzene-d5	7.428	82	199999	40.259	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	34511	27.500	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	384733	45.433	ng	0.00
79) Terphenyl-d14	12.969	244	311652	35.218	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	26819	7.900	ng	# 74
25) Isophorone	7.428	82	197015	22.329	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	15896	8.269	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	15896	6.326	ng	# 18

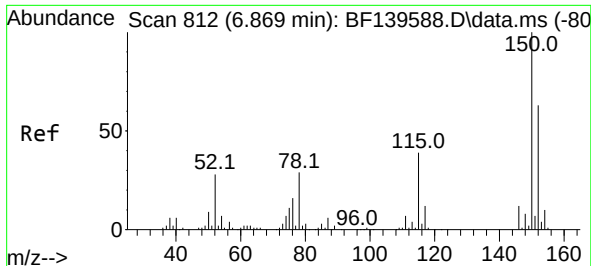
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CONCRETE-PADS-5

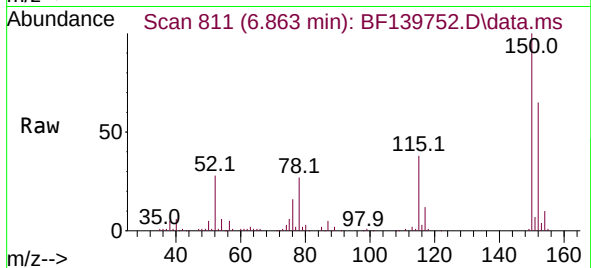
Quant Time: Oct 10 23:19:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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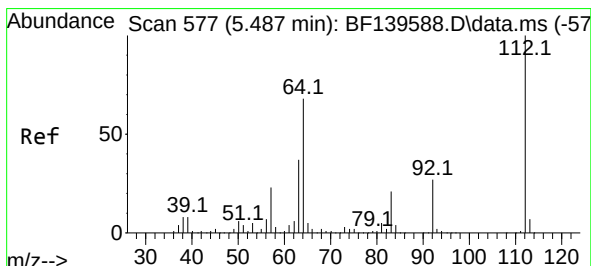
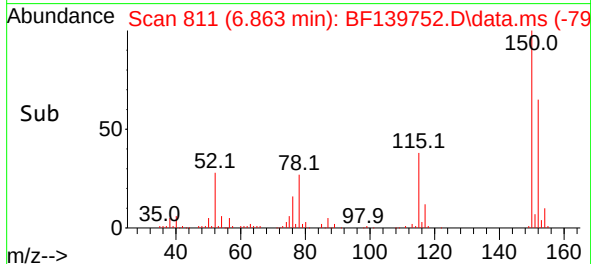
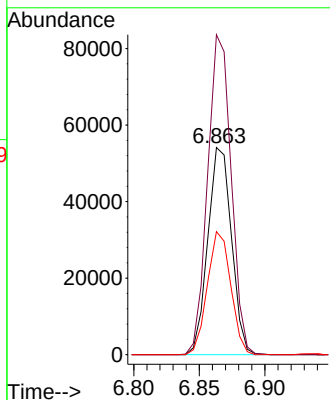


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

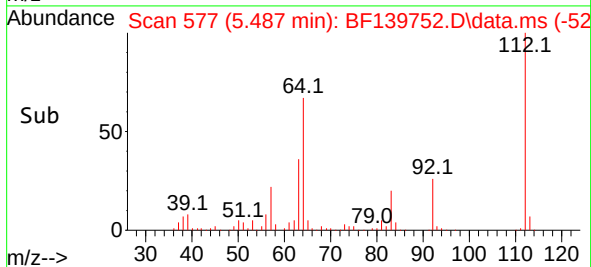
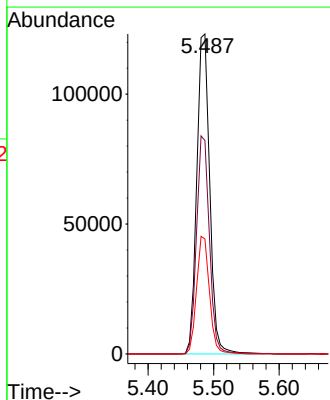
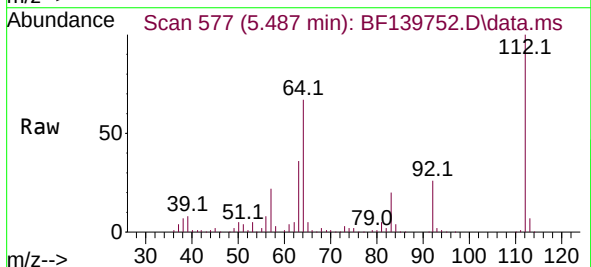


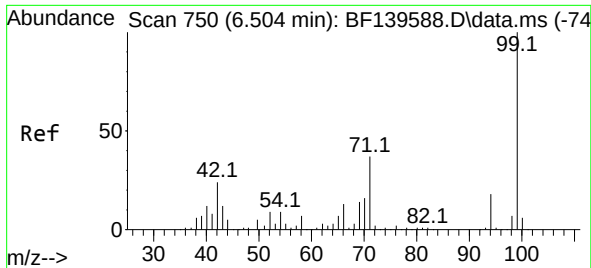
Tgt Ion:152 Resp: 68059
Ion Ratio Lower Upper
152 100
150 154.4 127.2 190.8
115 59.4 49.0 73.4



#5
2-Fluorophenol
Concen: 43.314 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

Tgt Ion:112 Resp: 170081
Ion Ratio Lower Upper
112 100
64 66.7 54.2 81.4
63 35.9 29.4 44.2

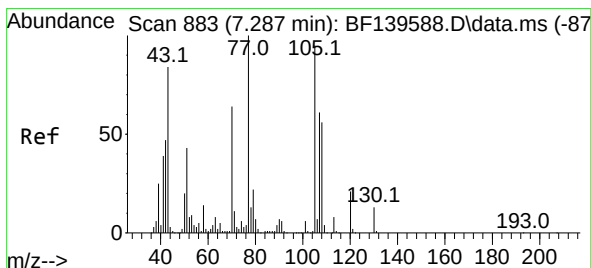
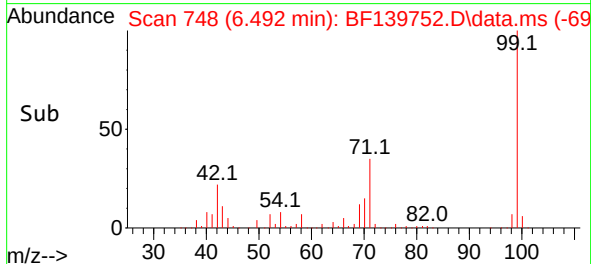
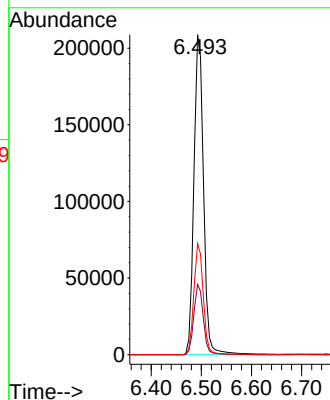
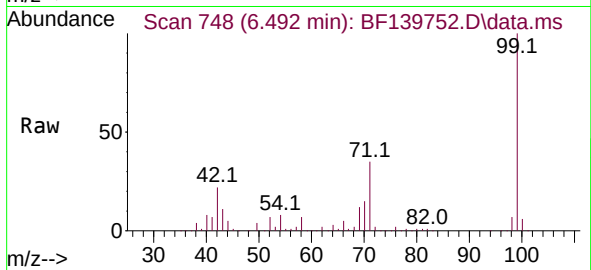




#7
Phenol-d6
Concen: 52.762 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

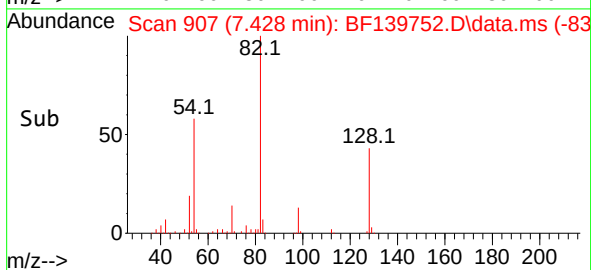
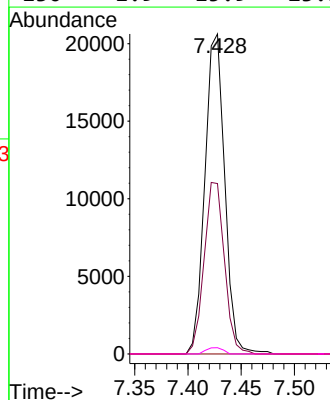
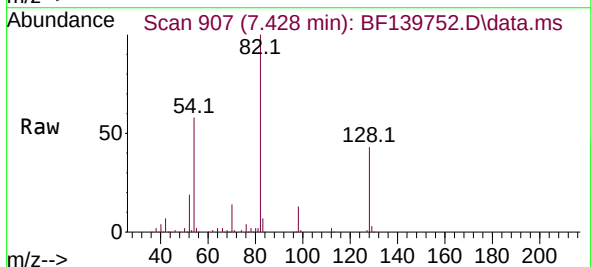
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

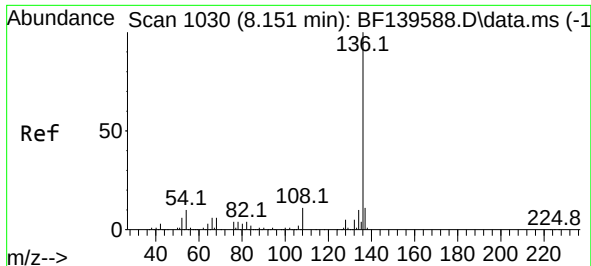
Tgt Ion: 99 Resp: 278610
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 34.7 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.900 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

Tgt Ion: 70 Resp: 26819
Ion Ratio Lower Upper
70 100
42 53.3 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#



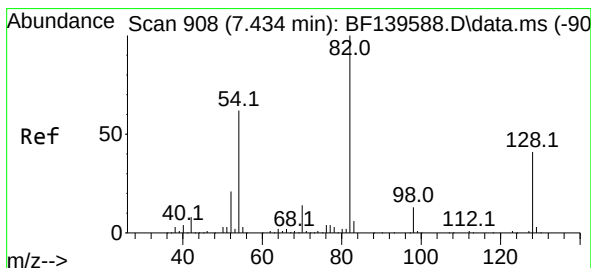
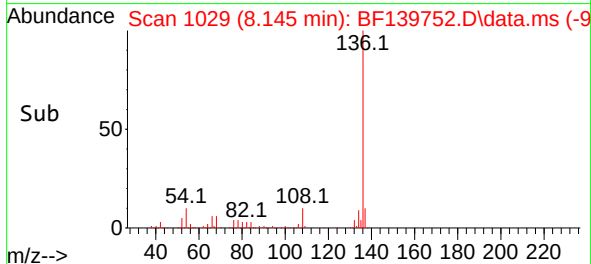
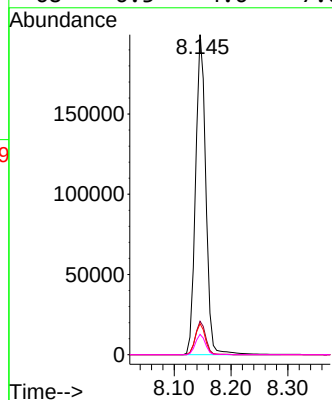
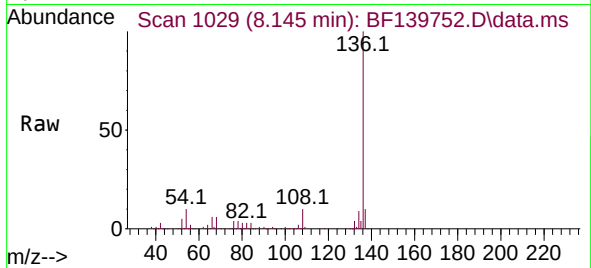


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

Tgt Ion:136 Resp: 251519

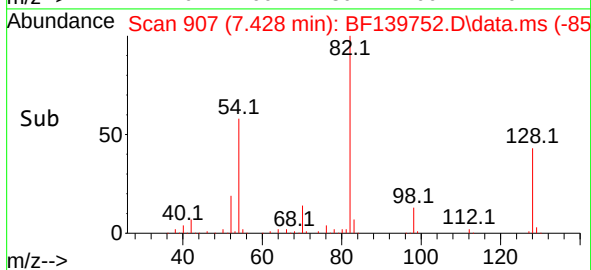
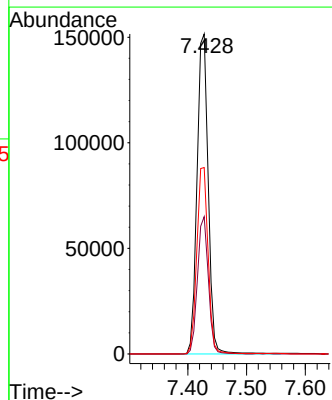
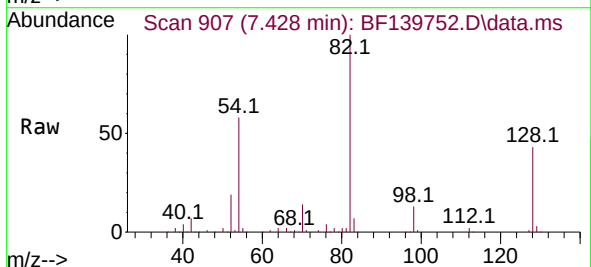
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	9.7	8.3	12.5
68	6.3	4.6	7.0

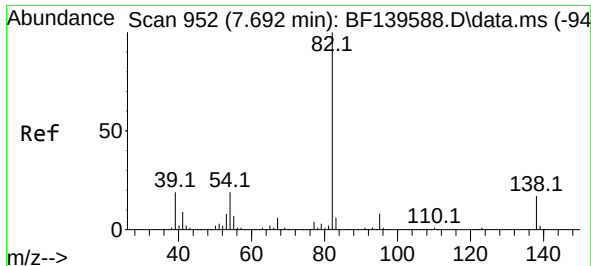


#23
Nitrobenzene-d5
Concen: 40.259 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

Tgt Ion: 82 Resp: 199999

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.4	48.6
54	58.3	49.1	73.7

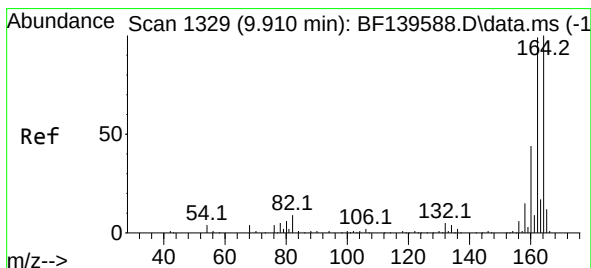
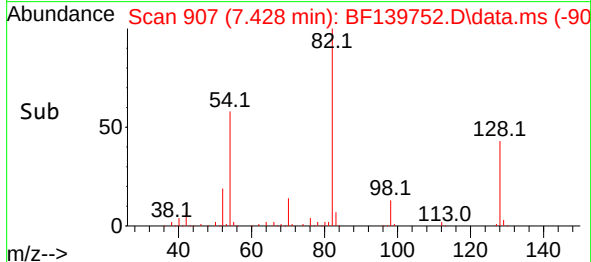
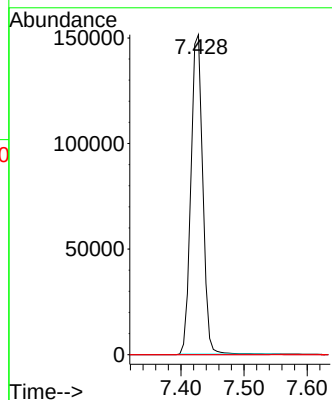
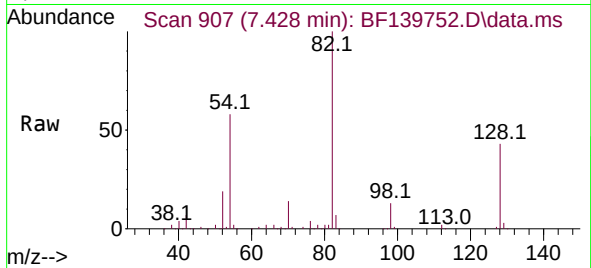




#25
Isophorone
Concen: 22.329 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

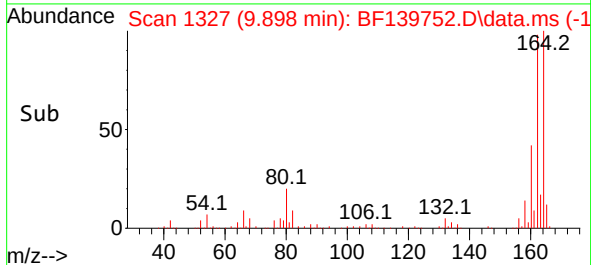
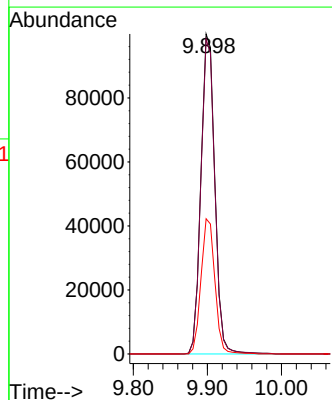
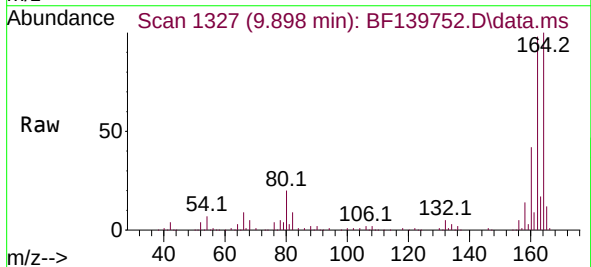
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

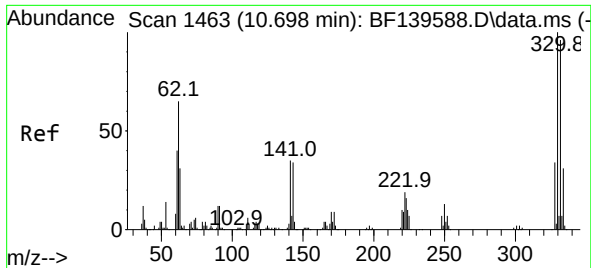
Tgt Ion: 82 Resp: 197015
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

Tgt Ion:164 Resp: 130001
Ion Ratio Lower Upper
164 100
162 98.4 79.4 119.0
160 42.3 35.1 52.7

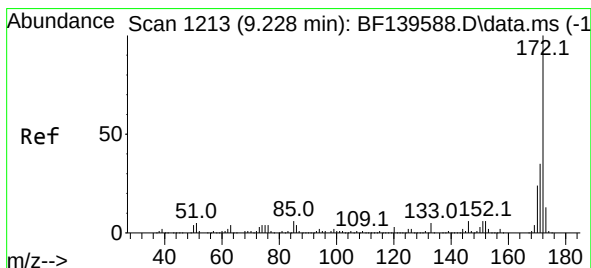
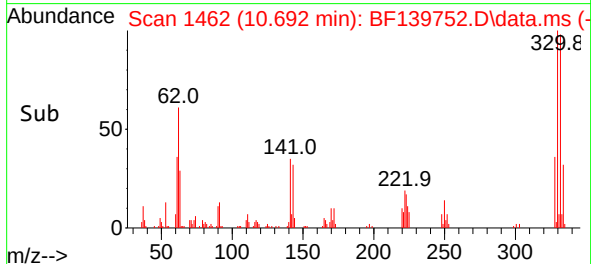
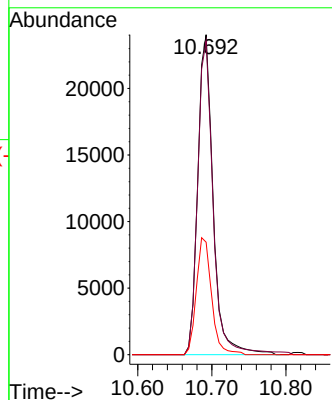
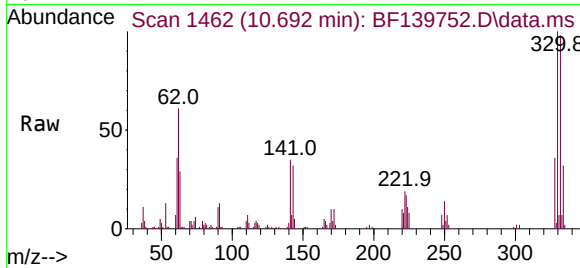




#42
2,4,6-Tribromophenol
Concen: 27.500 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

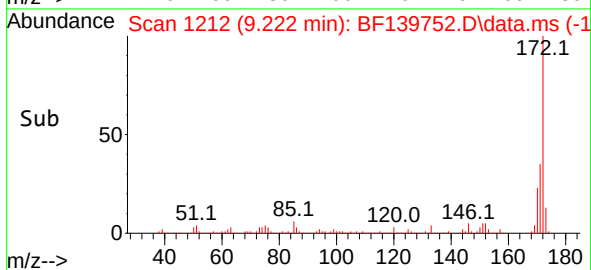
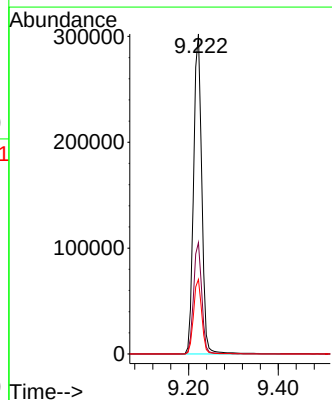
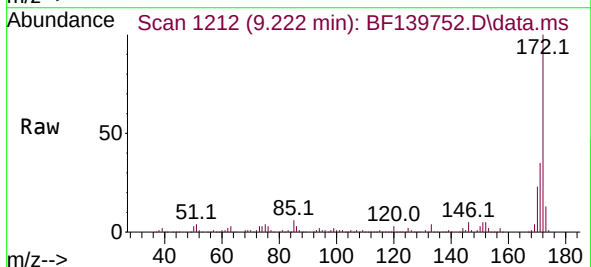
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ClientSampleId :
CONCRETE-PADS-5

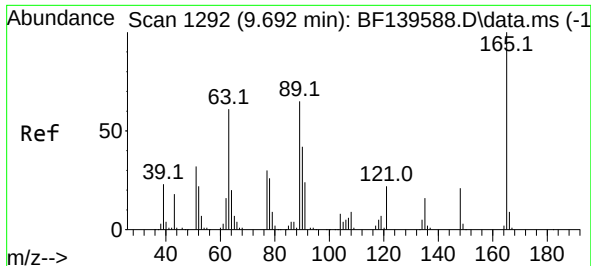
Tgt Ion: 330 Resp: 34511
Ion Ratio Lower Upper
330 100
332 98.9 76.5 114.7
141 36.3 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 45.433 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

Tgt Ion: 172 Resp: 384733
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.3 18.8 28.2

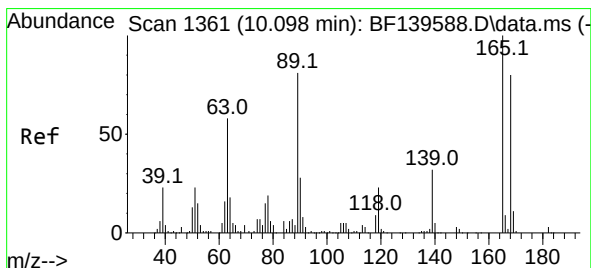
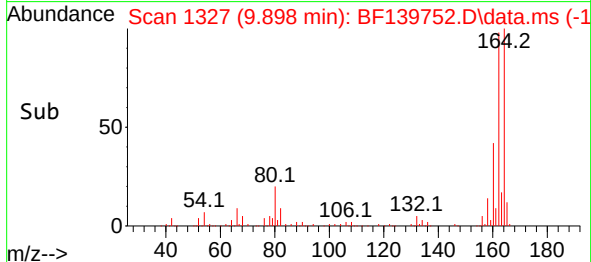
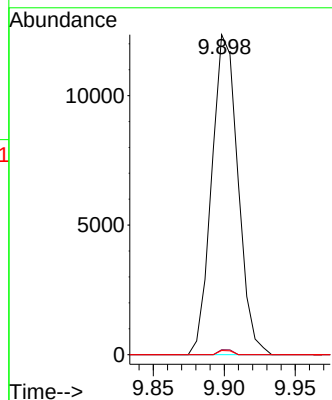
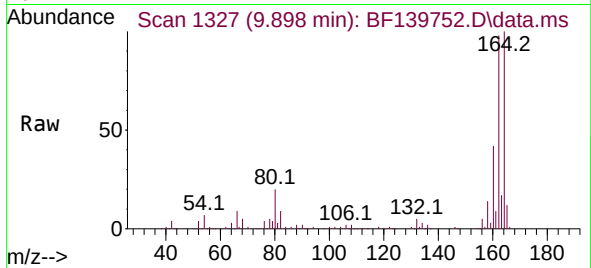




#51
2,6-Dinitrotoluene
Concen: 8.269 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

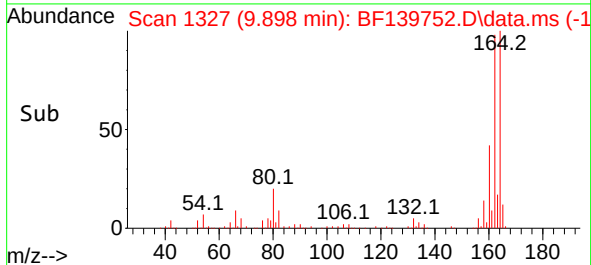
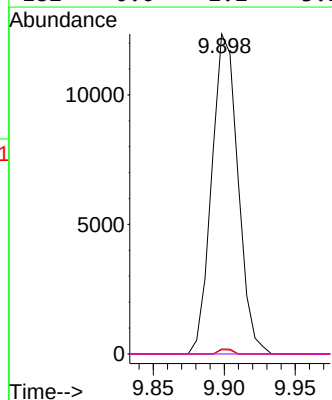
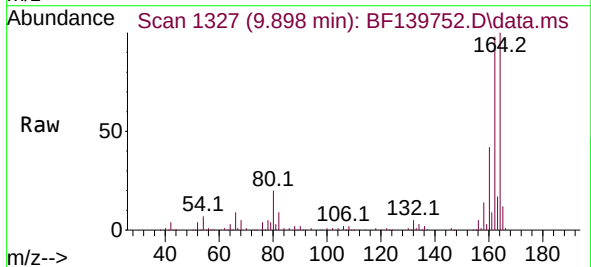
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

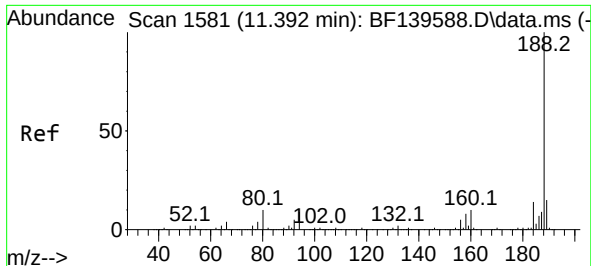
Tgt Ion:165 Resp: 15896
Ion Ratio Lower Upper
165 100
63 1.6 56.7 85.1#
89 1.3 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.326 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

Tgt Ion:165 Resp: 15896
Ion Ratio Lower Upper
165 100
63 1.6 46.9 70.3#
89 1.3 64.4 96.6#
182 0.0 2.2 3.2#

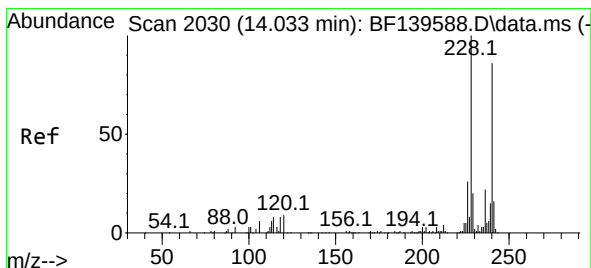
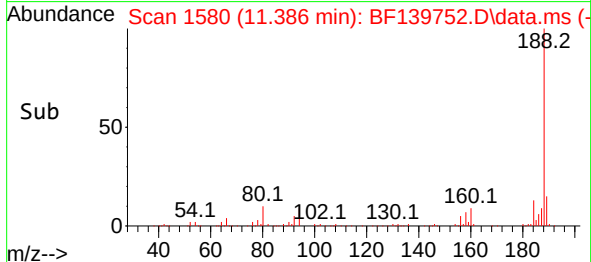
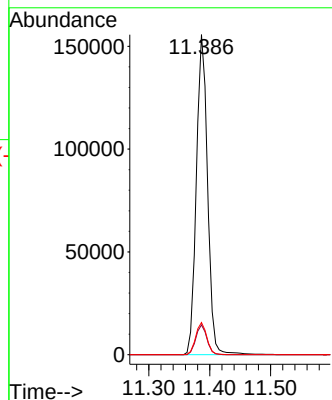
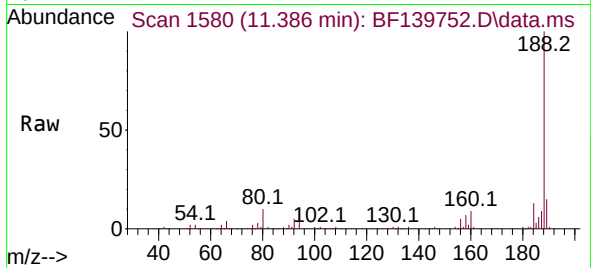




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

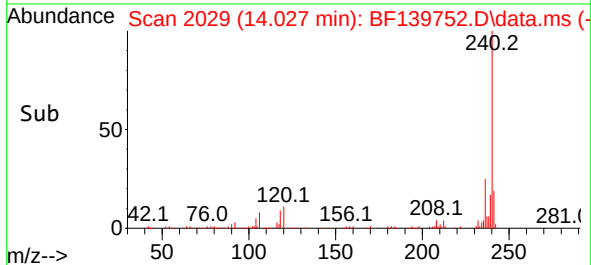
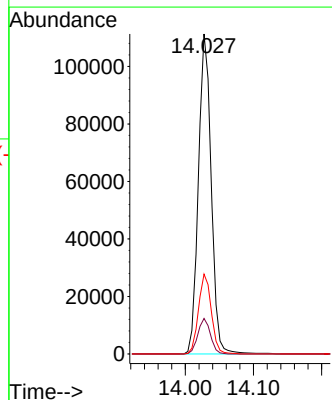
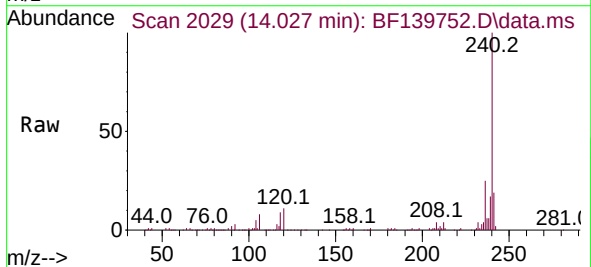
Instrument :
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CONCRETE-PADS-5

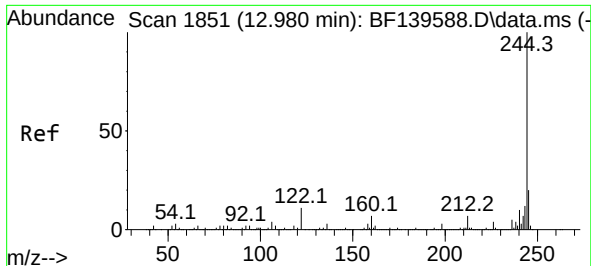
Tgt Ion:188 Resp: 198967
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139752.D
Acq: 10 Oct 2024 17:58

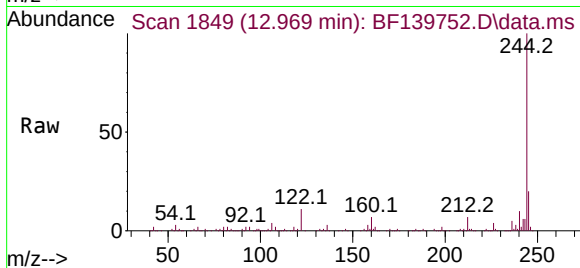
Tgt Ion:240 Resp: 145201
Ion Ratio Lower Upper
240 100
120 11.1 8.4 12.6
236 25.0 20.3 30.5



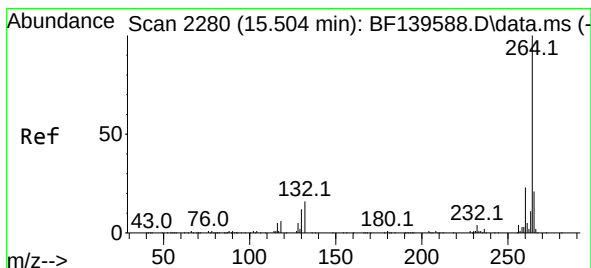
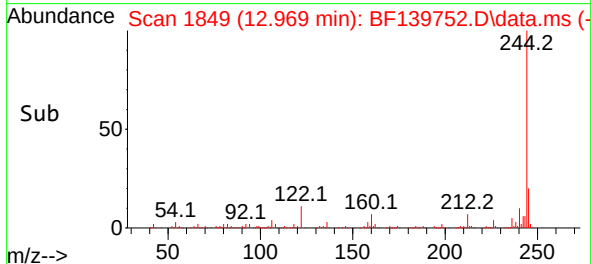
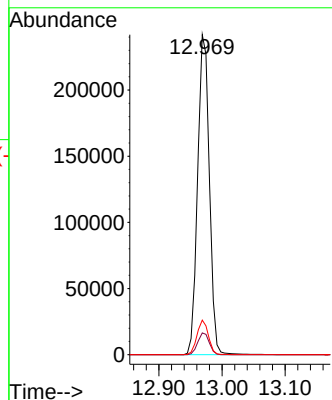


#79
 Terphenyl-d14
 Concen: 35.218 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. -0.011 min
 Lab File: BF139752.D
 Acq: 10 Oct 2024 17:58

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-5



Tgt Ion:244 Resp: 311652
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 10.8 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: BF139752.D
 Acq: 10 Oct 2024 17:58

Tgt Ion:264 Resp: 153959
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.4 16.9 25.3

