

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139751.D
 Acq On : 10 Oct 2024 17:29
 Operator : RC/JU
 Sample : P4375-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-4

Quant Time: Oct 10 18:05:16 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)

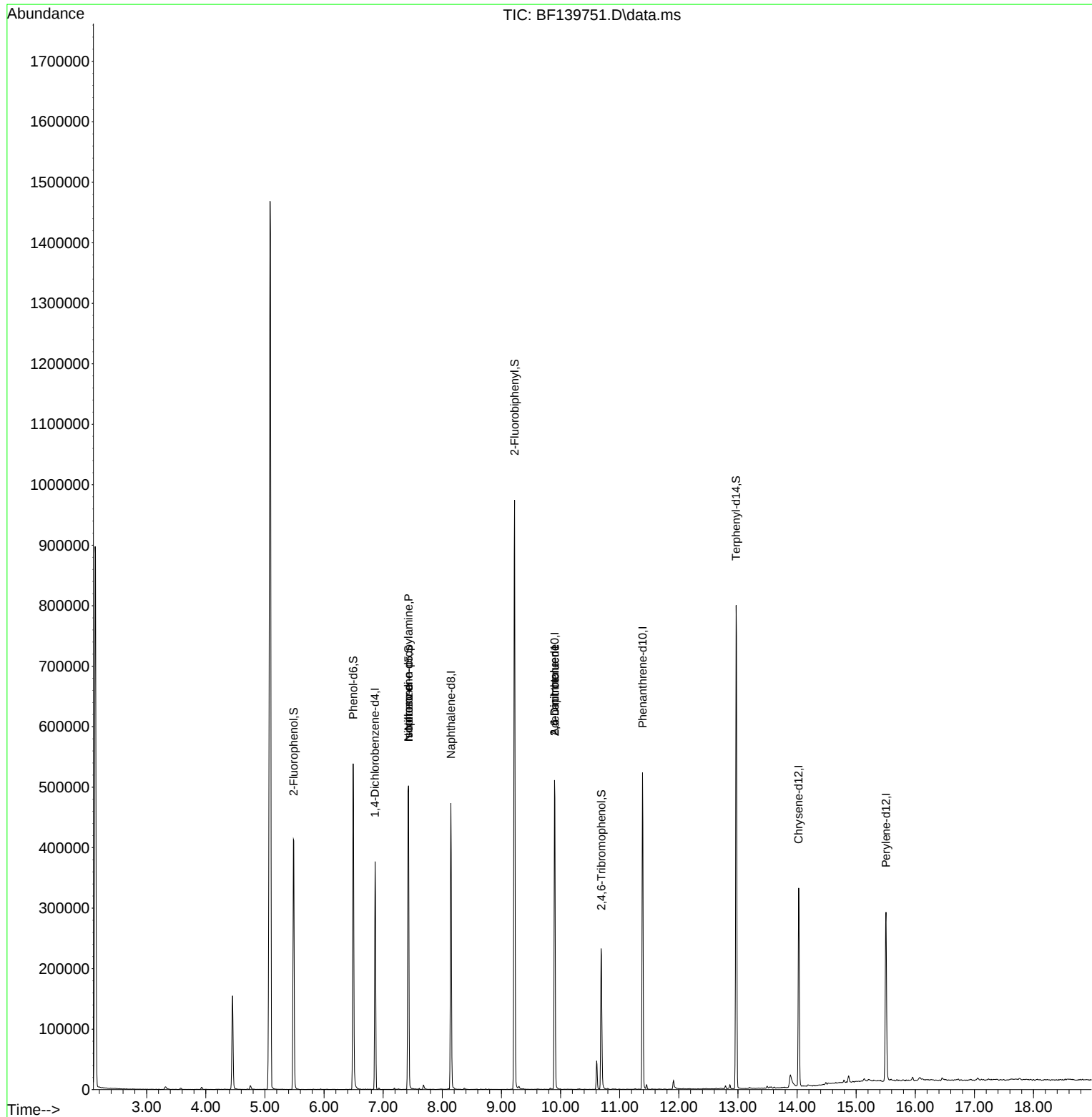
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	75954	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	282310	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	155780	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	280469	20.000	ng	0.00
76) Chrysene-d12	14.027	240	157267	20.000	ng	0.00
86) Perylene-d12	15.504	264	164991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	149484	34.112	ng	0.00
7) Phenol-d6	6.493	99	241001	40.895	ng	-0.01
23) Nitrobenzene-d5	7.428	82	218401	39.169	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	39017	25.946	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	428772	42.255	ng	0.00
79) Terphenyl-d14	12.969	244	391444	40.841	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	28283	7.465	ng	# 77
25) Isophorone	7.428	82	216421	21.853	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	19867	8.624	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	19867	6.598	ng	# 16

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

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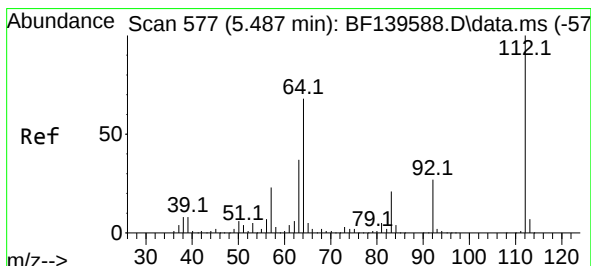
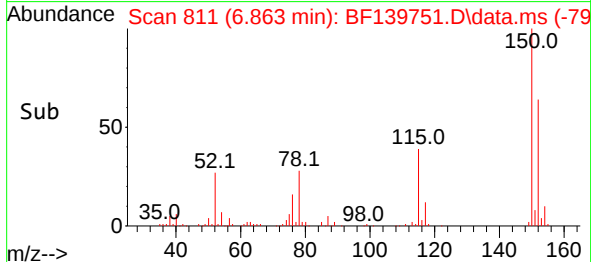
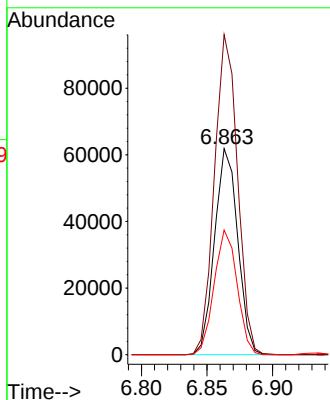
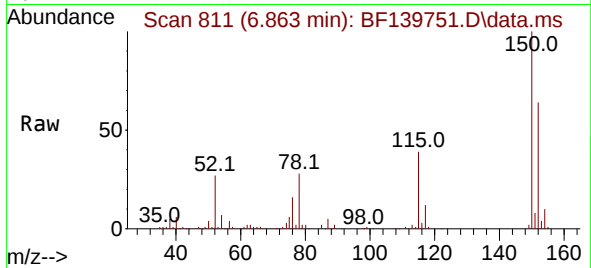




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF139751.D
 Acq: 10 Oct 2024 17:29

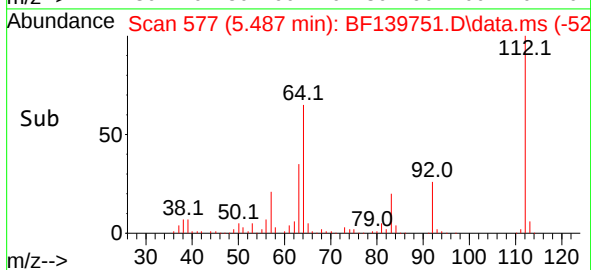
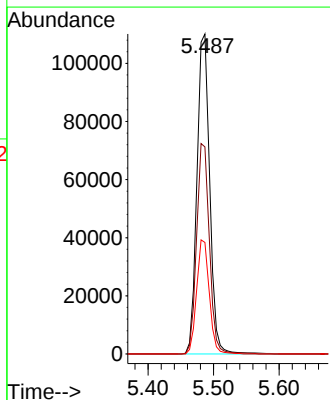
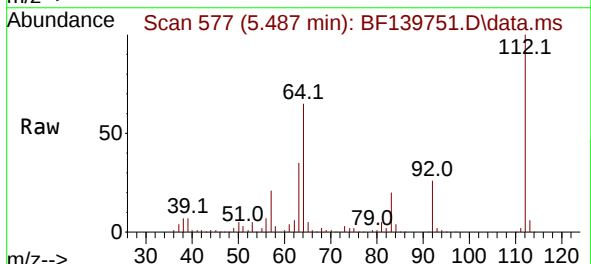
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-4

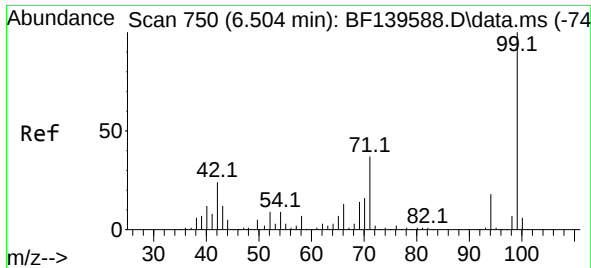
Tgt Ion:152 Resp: 75954
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.2 190.8
 115 60.5 49.0 73.4



#5
 2-Fluorophenol
 Concen: 34.112 ng
 RT: 5.487 min Scan# 577
 Delta R.T. -0.000 min
 Lab File: BF139751.D
 Acq: 10 Oct 2024 17:29

Tgt Ion:112 Resp: 149484
 Ion Ratio Lower Upper
 112 100
 64 64.7 54.2 81.4
 63 34.8 29.4 44.2

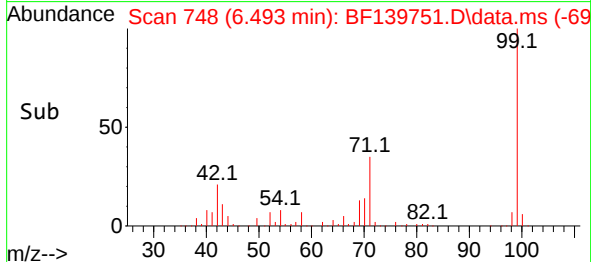
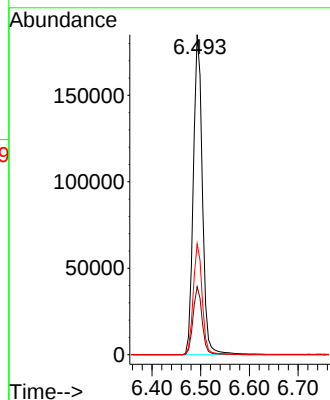
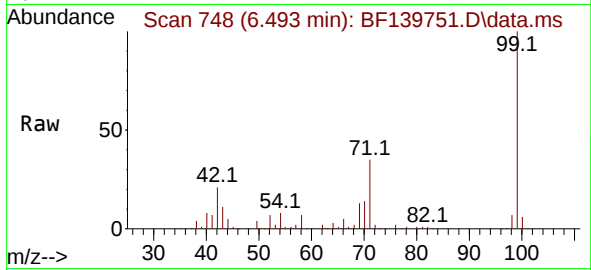




#7
Phenol-d6
Concen: 40.895 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

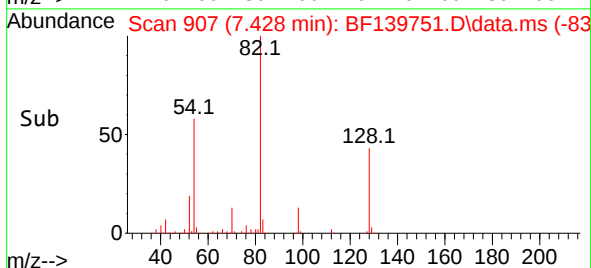
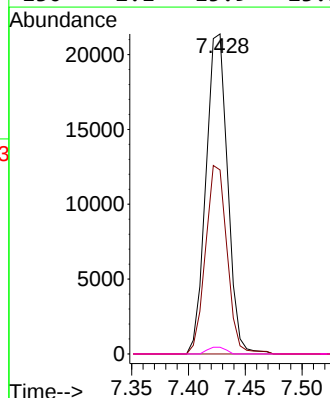
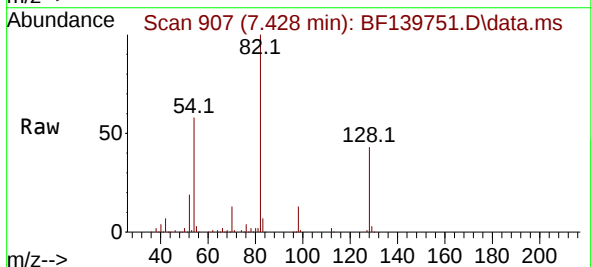
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-4

Tgt Ion: 99 Resp: 241001
Ion Ratio Lower Upper
99 100
42 21.2 19.1 28.7
71 34.7 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.465 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

Tgt Ion: 70 Resp: 28283
Ion Ratio Lower Upper
70 100
42 57.5 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 15.9 23.9#



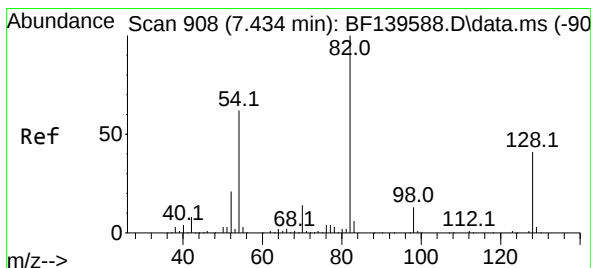
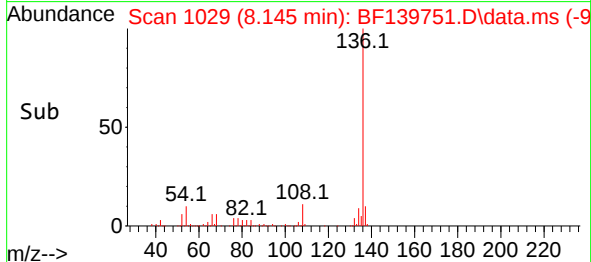
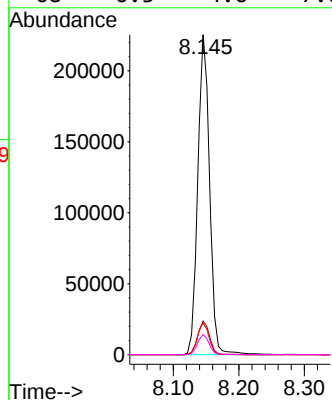
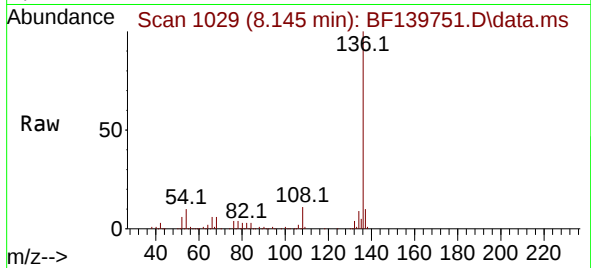


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-4

Tgt Ion:136 Resp: 282310

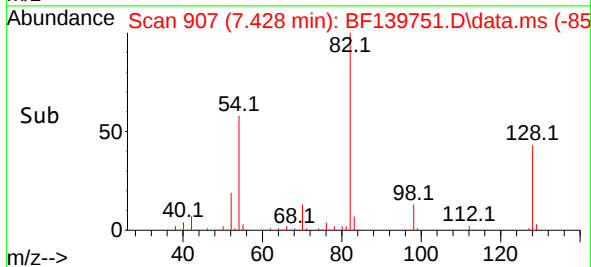
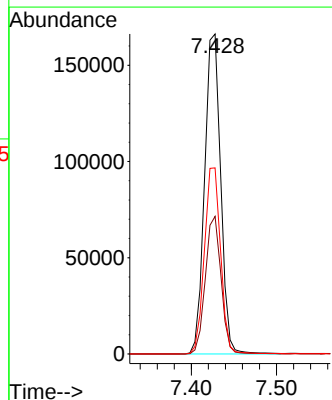
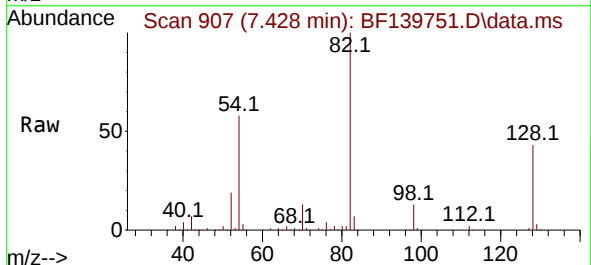
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	10.0	8.3	12.5
68	6.3	4.6	7.0



#23
Nitrobenzene-d5
Concen: 39.169 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

Tgt Ion: 82 Resp: 218401

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.4	48.6
54	58.2	49.1	73.7

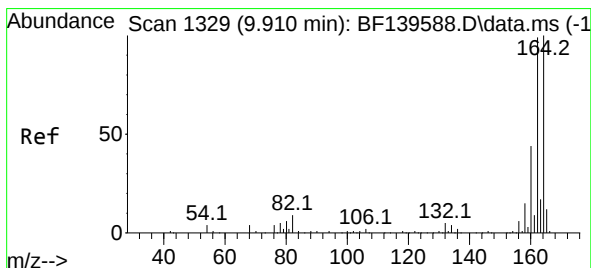
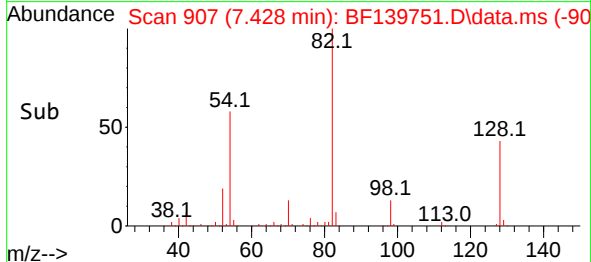
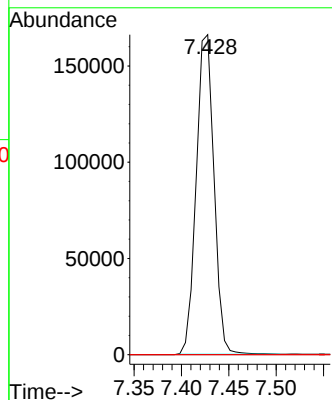
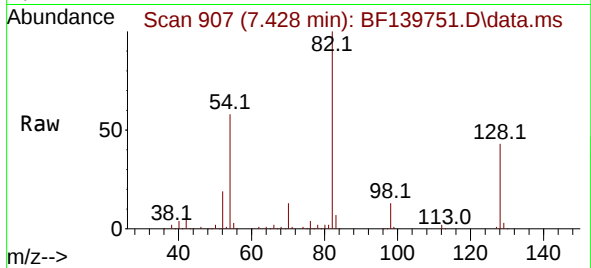




#25
Isophorone
Concen: 21.853 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

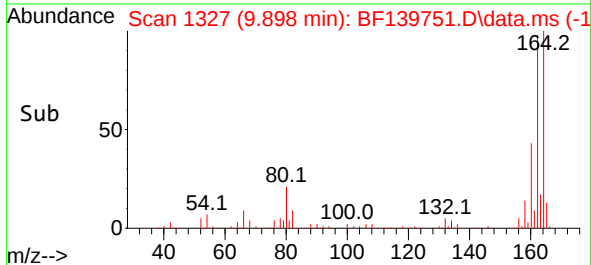
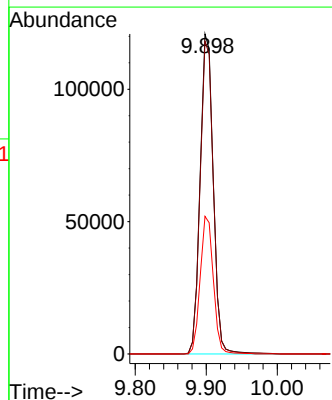
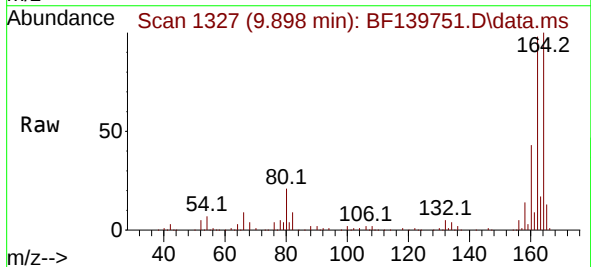
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-4

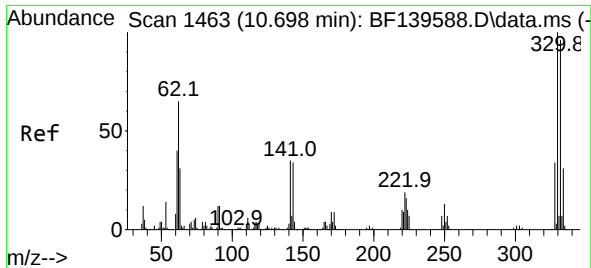
Tgt Ion: 82 Resp: 216421
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

Tgt Ion:164 Resp: 155780
Ion Ratio Lower Upper
164 100
162 97.7 79.4 119.0
160 43.0 35.1 52.7

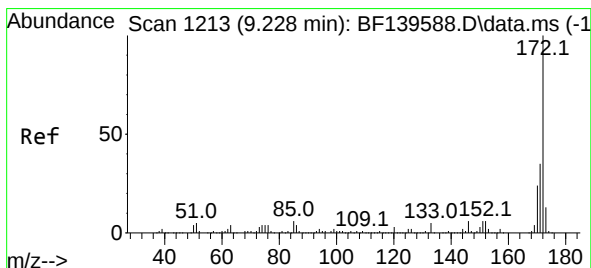
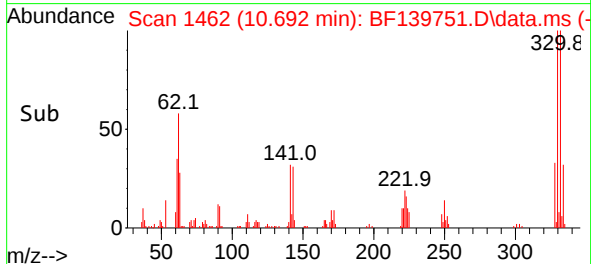
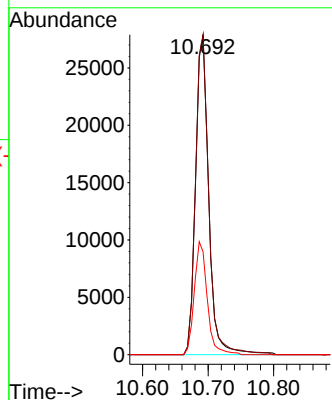
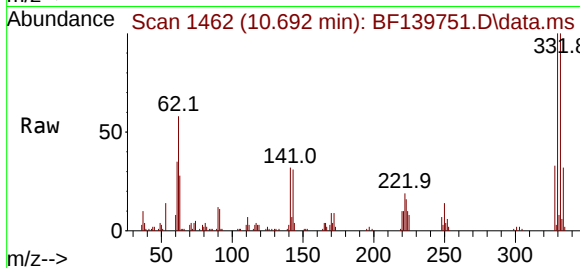




#42
2,4,6-Tribromophenol
Concen: 25.946 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

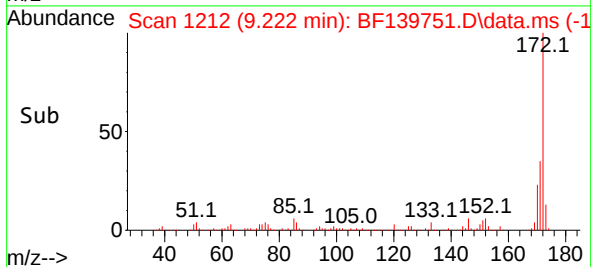
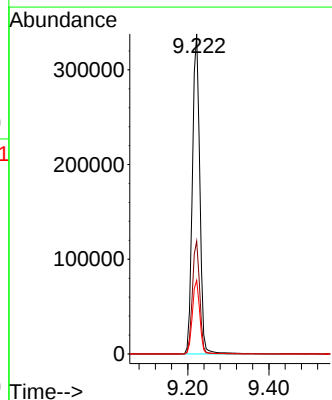
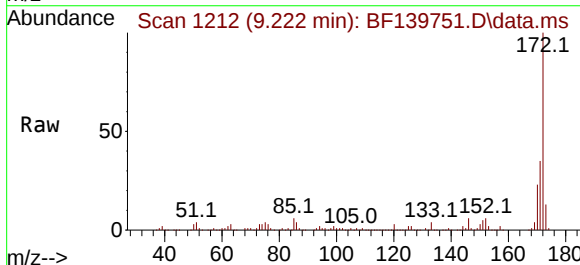
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-4

Tgt Ion: 330 Resp: 39017
Ion Ratio Lower Upper
330 100
332 100.6 76.5 114.7
141 34.8 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 42.255 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

Tgt Ion: 172 Resp: 428772
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.0 18.8 28.2

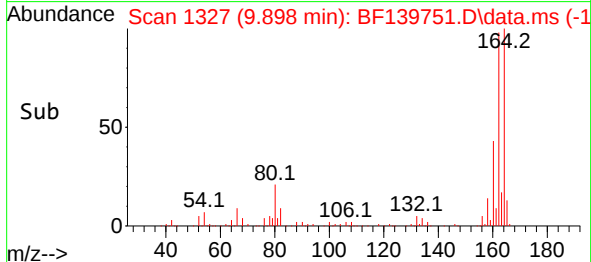
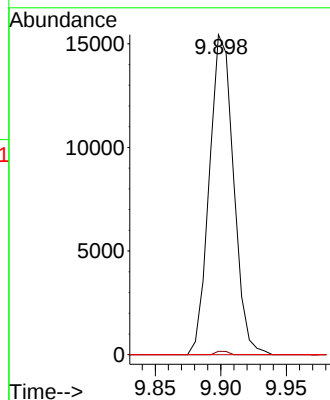
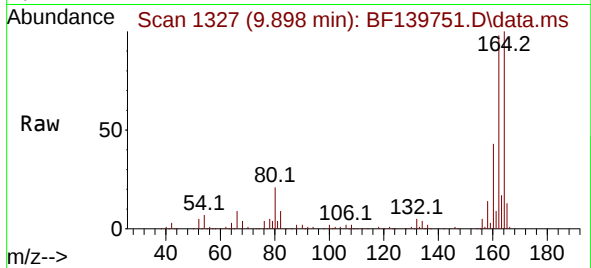




#51
2,6-Dinitrotoluene
Concen: 8.624 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

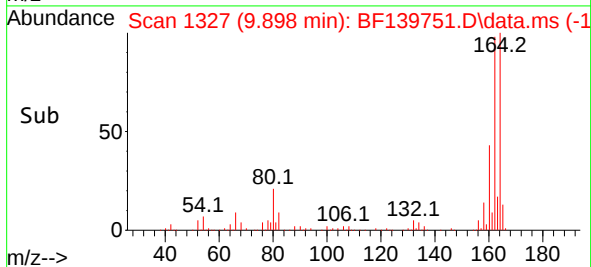
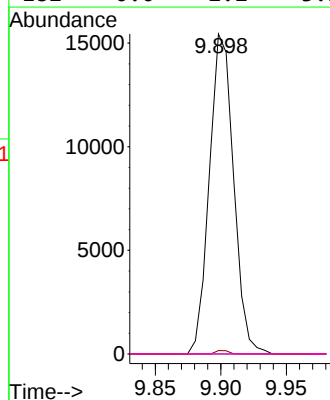
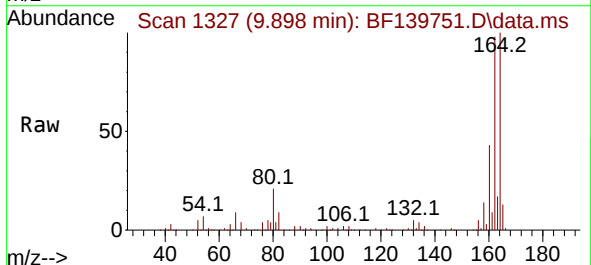
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ClientSampleId :
CONCRETE-PADS-4

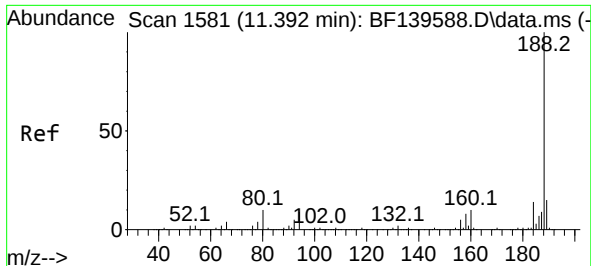
Tgt Ion:165 Resp: 19867
Ion Ratio Lower Upper
165 100
63 1.0 56.7 85.1#
89 0.0 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.598 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

Tgt Ion:165 Resp: 19867
Ion Ratio Lower Upper
165 100
63 1.0 46.9 70.3#
89 0.0 64.4 96.6#
182 0.0 2.2 3.2#

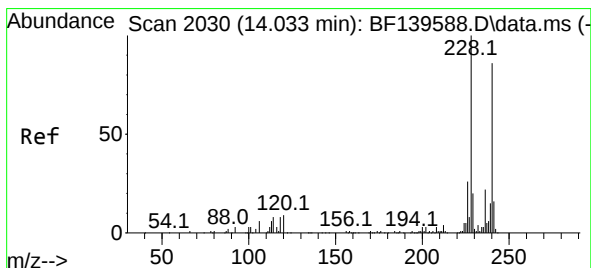
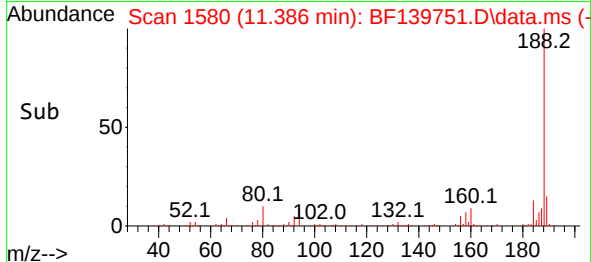
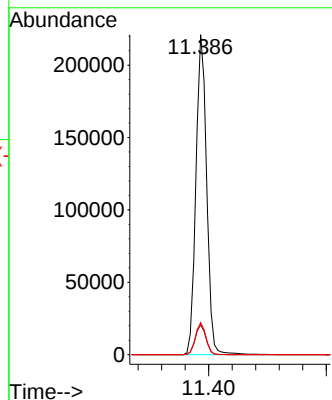
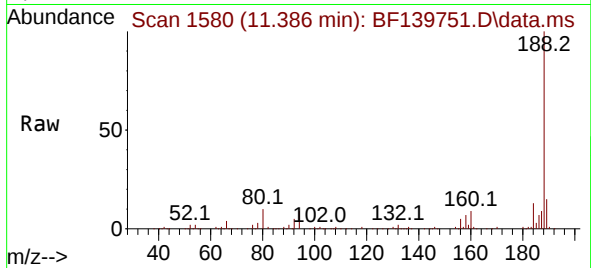




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

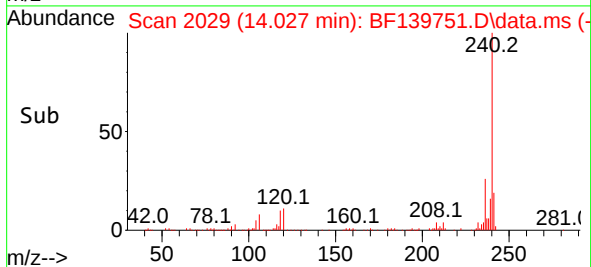
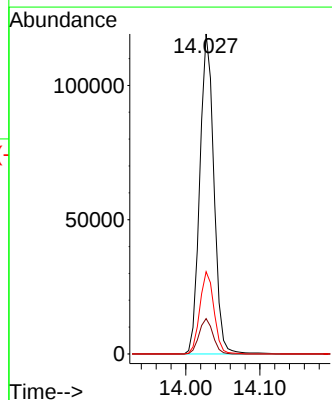
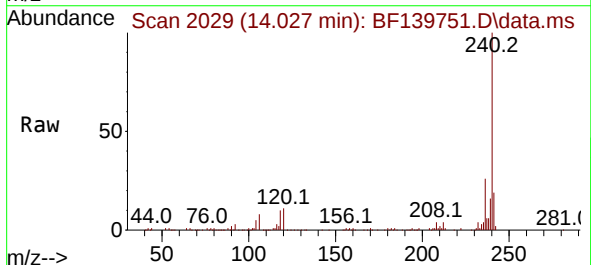
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CONCRETE-PADS-4

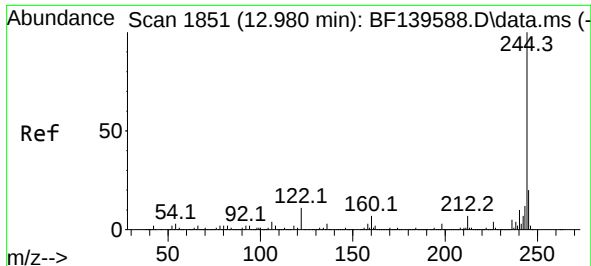
Tgt Ion:188 Resp: 280469
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139751.D
Acq: 10 Oct 2024 17:29

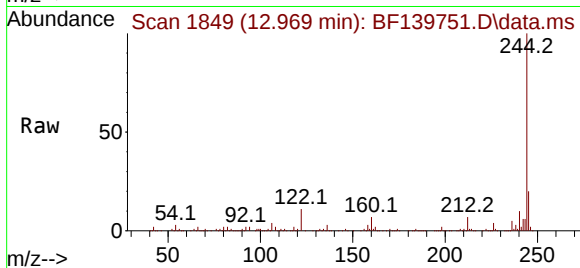
Tgt Ion:240 Resp: 157267
Ion Ratio Lower Upper
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120 11.1 8.4 12.6
236 25.7 20.3 30.5



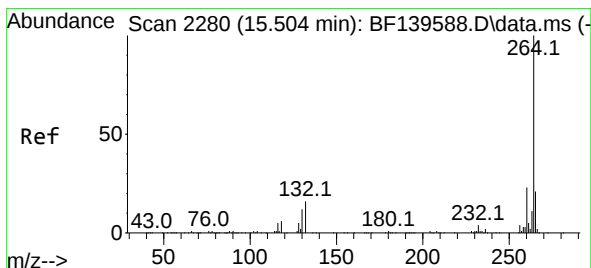
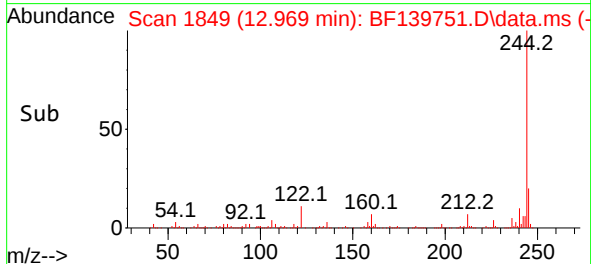
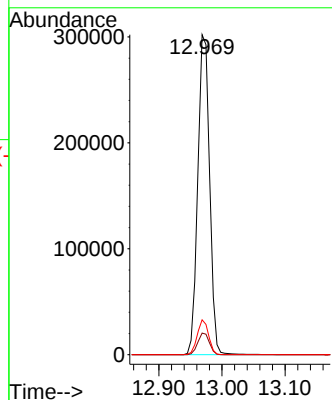


#79
 Terphenyl-d14
 Concen: 40.841 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. -0.011 min
 Lab File: BF139751.D
 Acq: 10 Oct 2024 17:29

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-4



Tgt Ion:244 Resp: 391444
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 10.9 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: BF139751.D
 Acq: 10 Oct 2024 17:29

Tgt Ion:264 Resp: 164991
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.2 16.9 25.3

