

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139795.D
 Acq On : 14 Oct 2024 18:25
 Operator : RC/JU
 Sample : P4375-09RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-5

Quant Time: Oct 15 01:12:35 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)

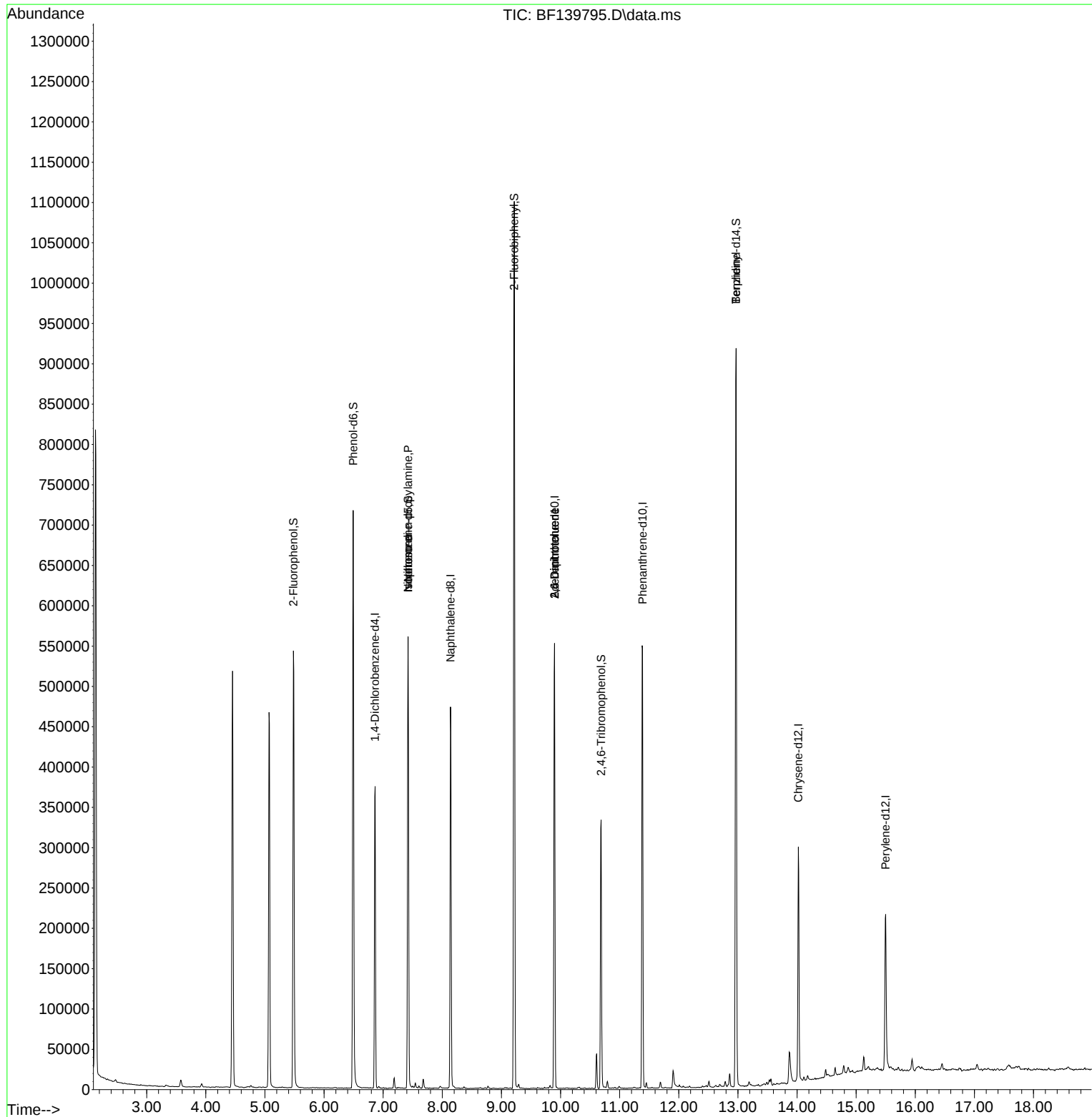
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	77702	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	294687	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	166293	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	307161	20.000	ng	0.00
76) Chrysene-d12	14.022	240	144397	20.000	ng	-0.01
86) Perylene-d12	15.498	264	125766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	200288	44.677	ng	0.00
7) Phenol-d6	6.493	99	324086	53.757	ng	-0.01
23) Nitrobenzene-d5	7.422	82	235458	40.454	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	52881	32.942	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	465721	42.994	ng	-0.01
79) Terphenyl-d14	12.969	244	456032	51.820	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	31806	8.206	ng	# 73
25) Isophorone	7.422	82	233535	22.591	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	21713	8.830	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	21713	6.755	ng	# 17
77) Benzidine	12.969	184	5833	2.290	ng	# 81

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

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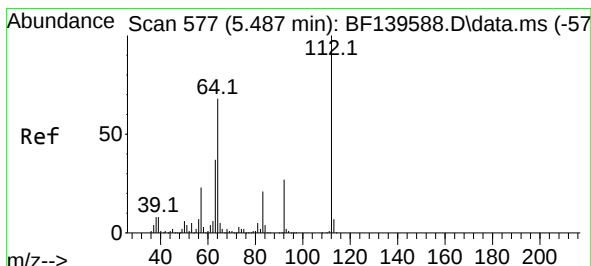
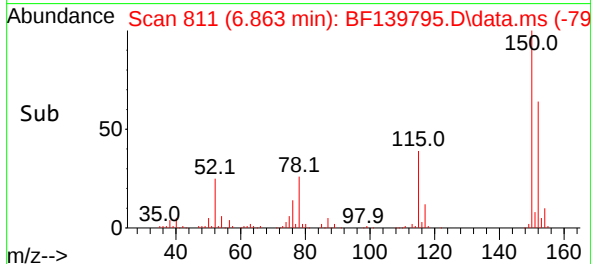
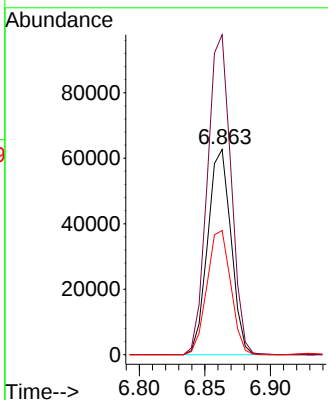
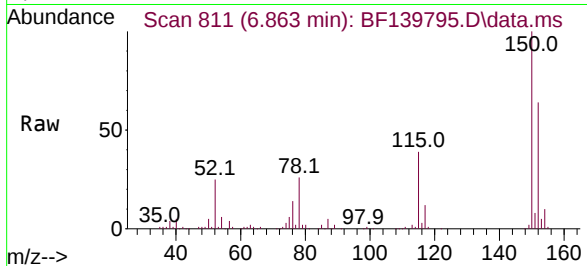




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

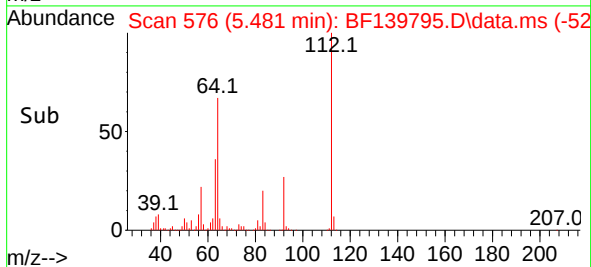
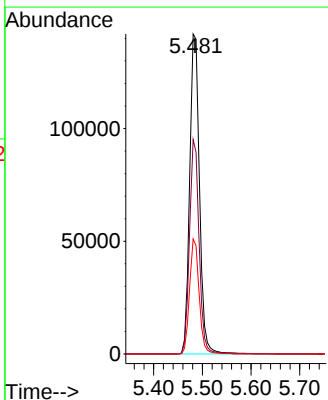
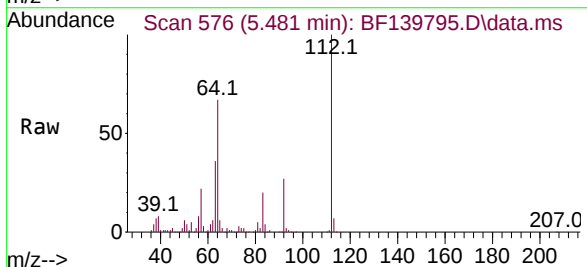
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

Tgt Ion:152 Resp: 77702
Ion Ratio Lower Upper
152 100
150 155.9 127.2 190.8
115 60.5 49.0 73.4



#5
2-Fluorophenol
Concen: 44.677 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Tgt Ion:112 Resp: 200288
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 36.0 29.4 44.2

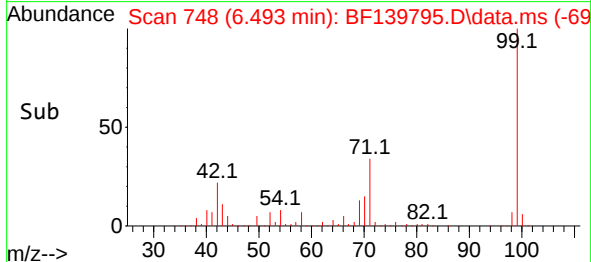
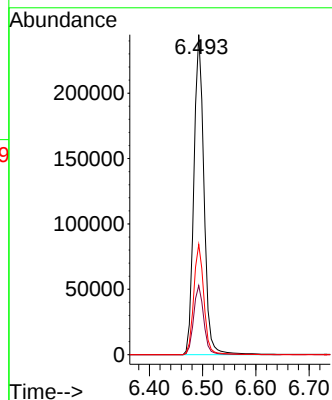
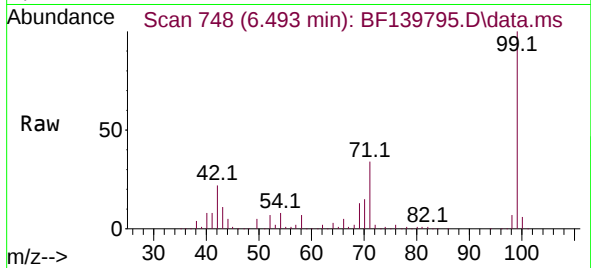




#7
Phenol-d6
Concen: 53.757 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

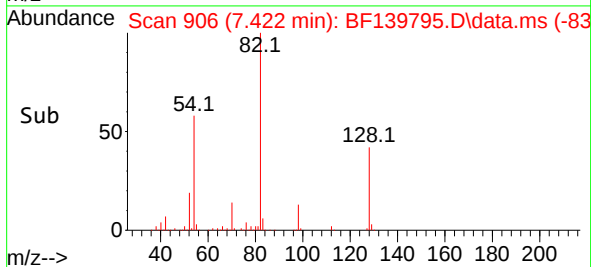
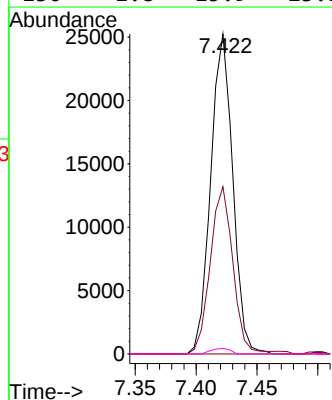
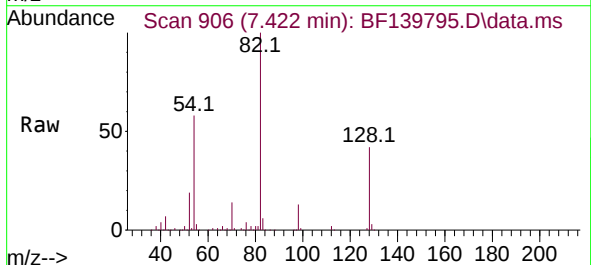
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

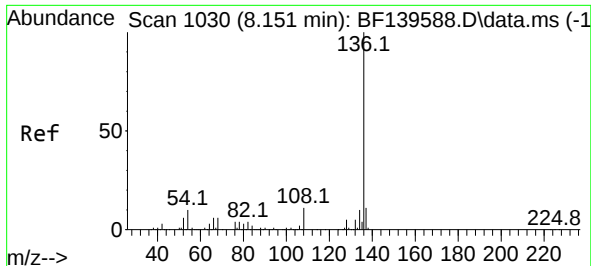
Tgt Ion: 99 Resp: 324086
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 34.4 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.206 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Tgt Ion: 70 Resp: 31806
Ion Ratio Lower Upper
70 100
42 52.2 58.0 87.0#
101 0.0 7.8 11.8#
130 1.8 15.9 23.9#



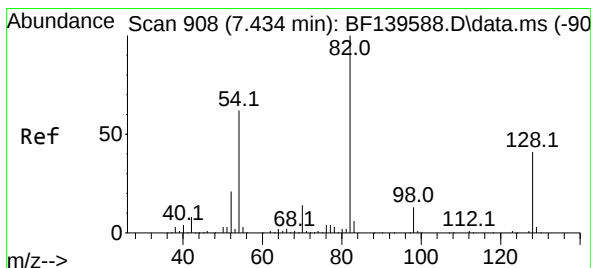
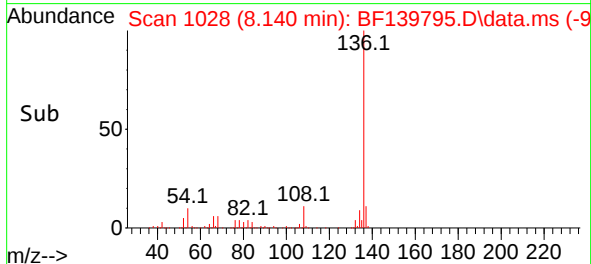
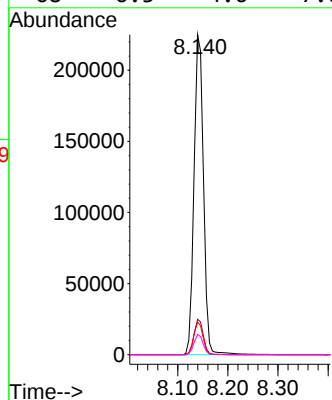
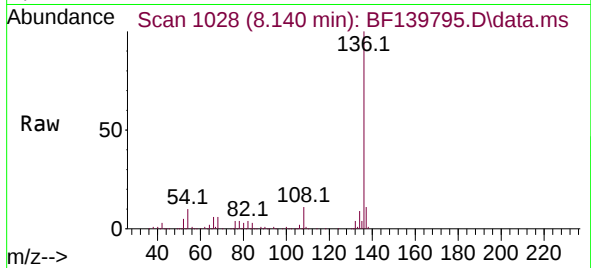


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

Tgt Ion:136 Resp: 294687

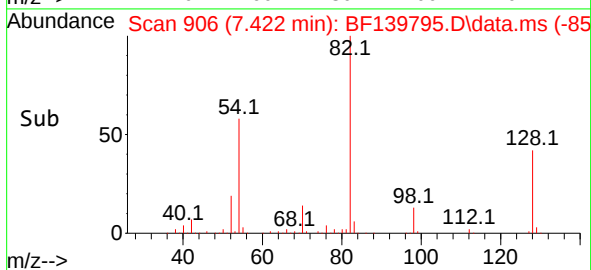
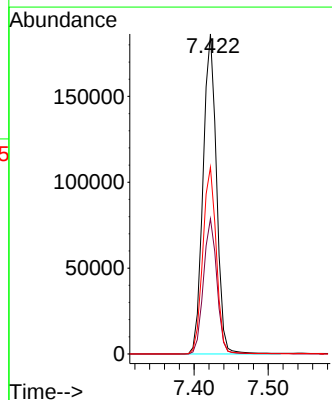
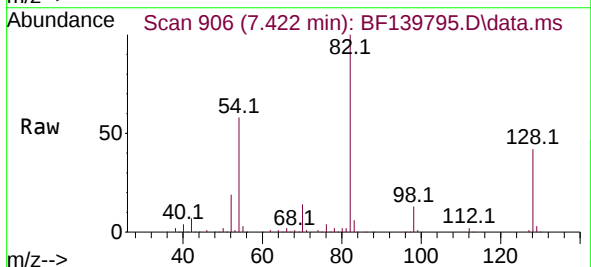
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.2	8.3	12.5
68	6.3	4.6	7.0



#23
Nitrobenzene-d5
Concen: 40.454 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Tgt Ion: 82 Resp: 235458

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

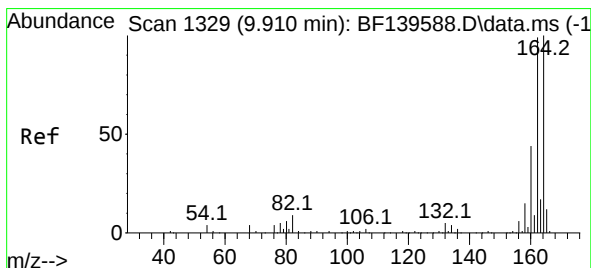
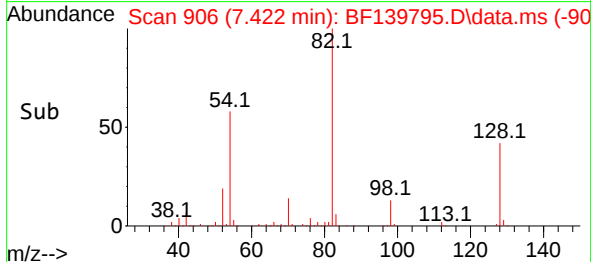
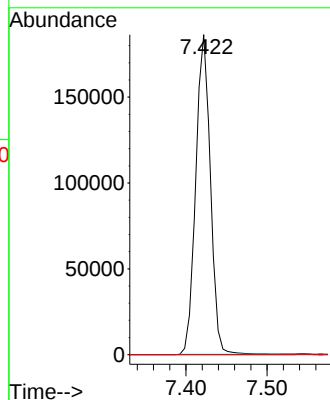
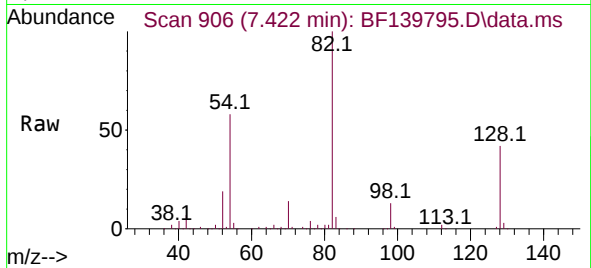




#25
Isophorone
Concen: 22.591 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

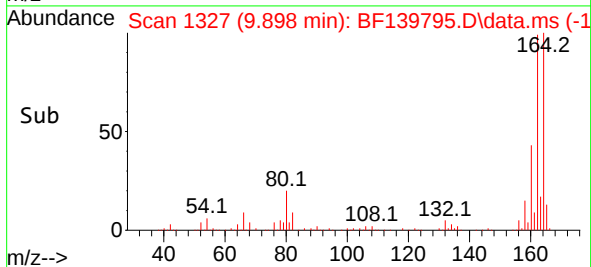
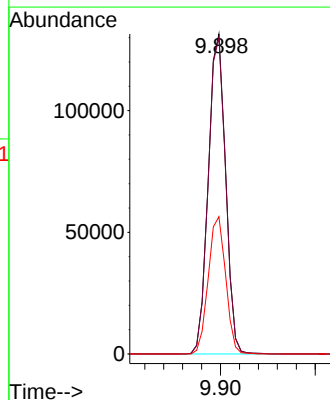
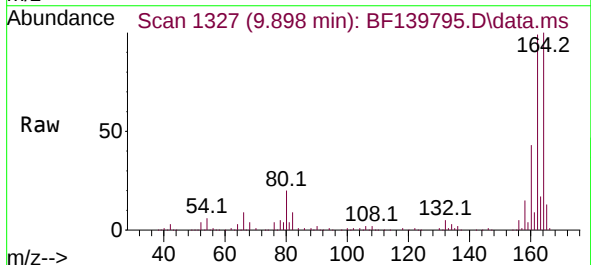
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

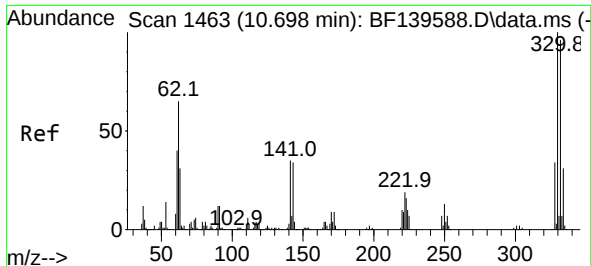
Tgt Ion: 82 Resp: 233535
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Tgt Ion:164 Resp: 166293
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.0
160 42.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 32.942 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139795.D

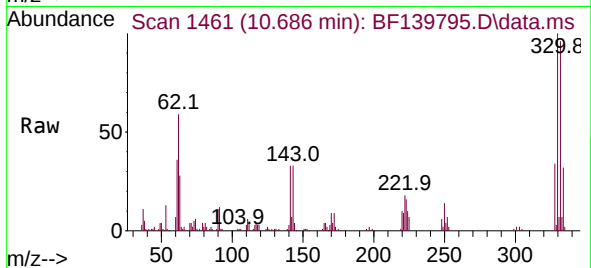
Acq: 14 Oct 2024 18:25

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-5



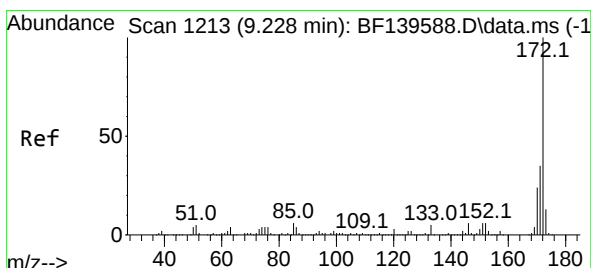
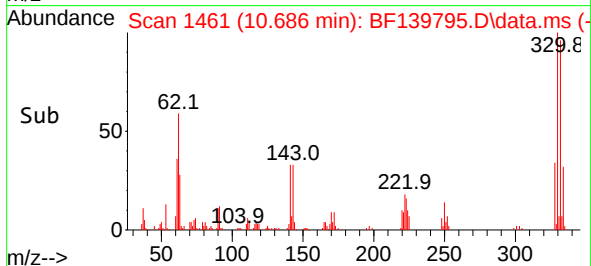
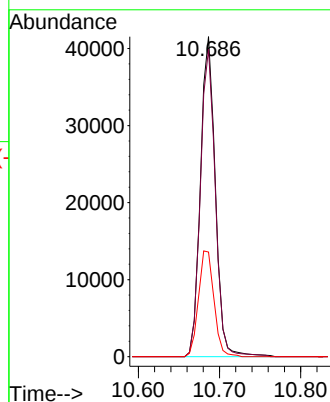
Tgt Ion:330 Resp: 52881

Ion Ratio Lower Upper

330 100

332 96.7 76.5 114.7

141 34.5 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 42.994 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF139795.D

Acq: 14 Oct 2024 18:25

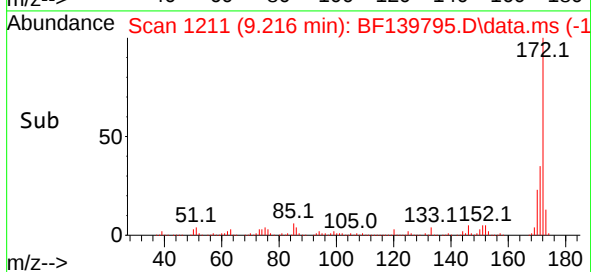
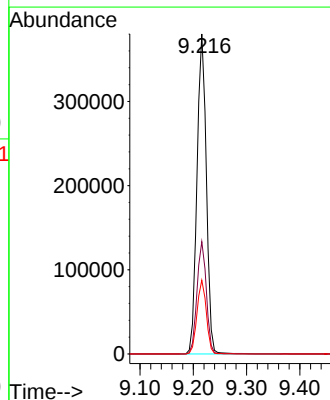
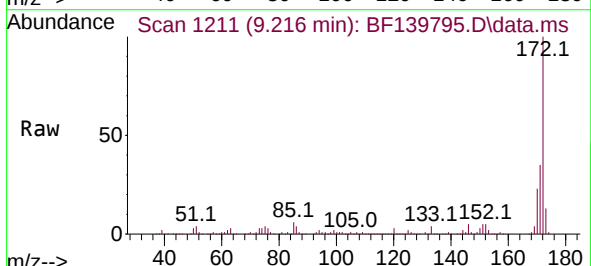
Tgt Ion:172 Resp: 465721

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.0 18.8 28.2

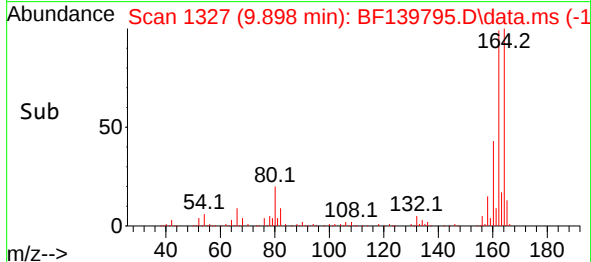
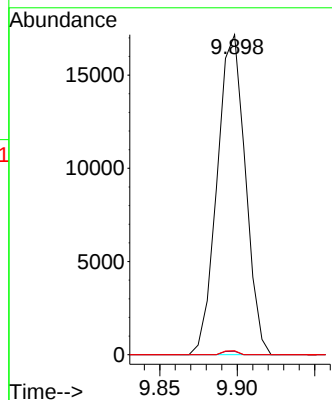
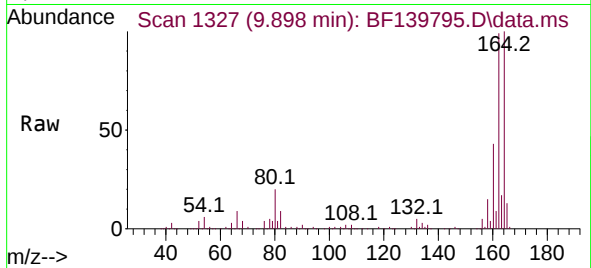




#51
2,6-Dinitrotoluene
Concen: 8.830 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

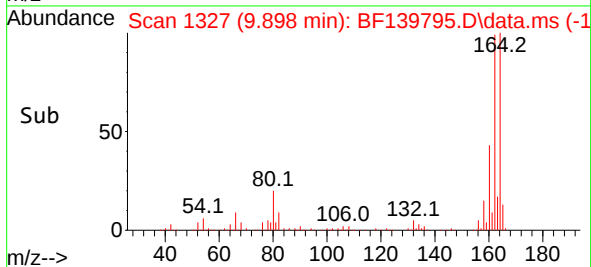
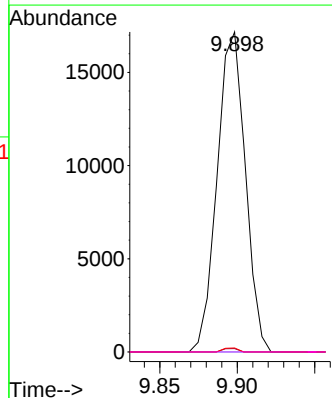
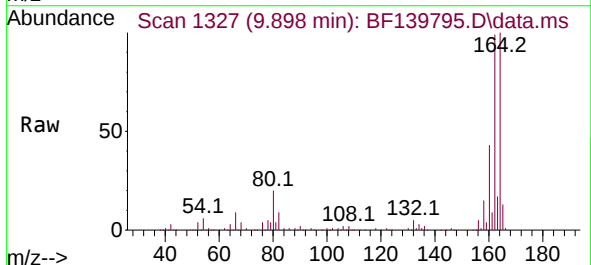
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CONCRETE-PADS-5

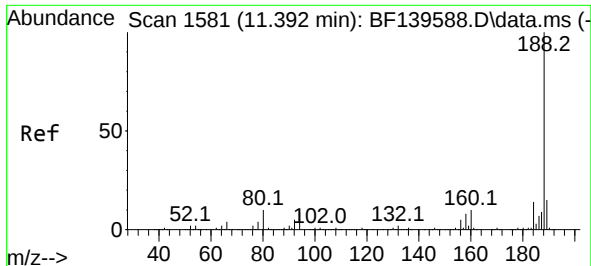
Tgt Ion:165 Resp: 21713
Ion Ratio Lower Upper
165 100
63 1.1 56.7 85.1#
89 1.2 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.755 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Tgt Ion:165 Resp: 21713
Ion Ratio Lower Upper
165 100
63 1.1 46.9 70.3#
89 1.2 64.4 96.6#
182 0.0 2.2 3.2#

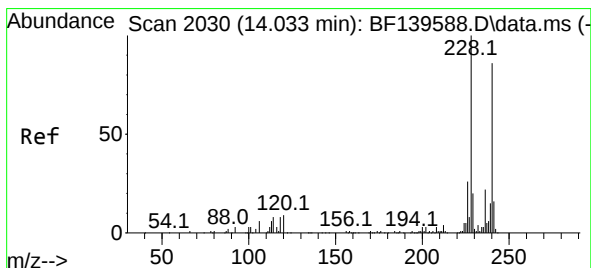
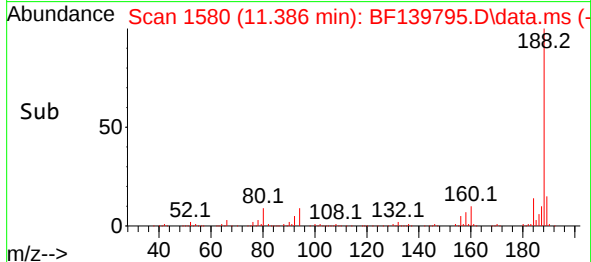
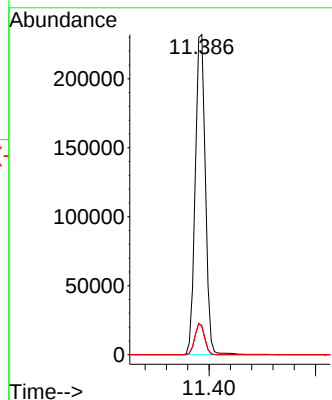
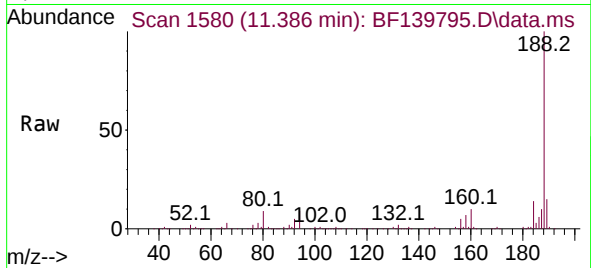




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

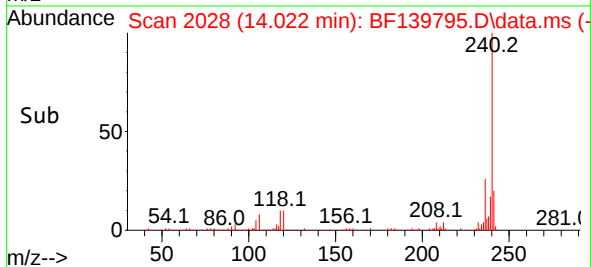
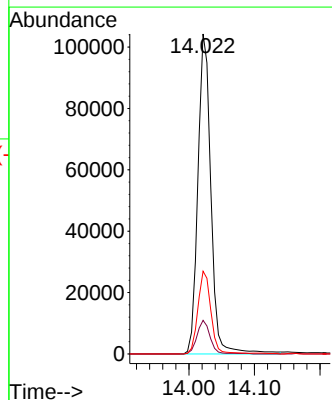
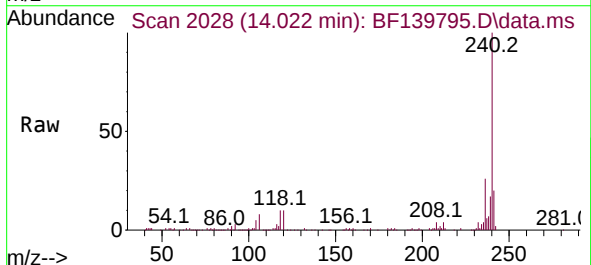
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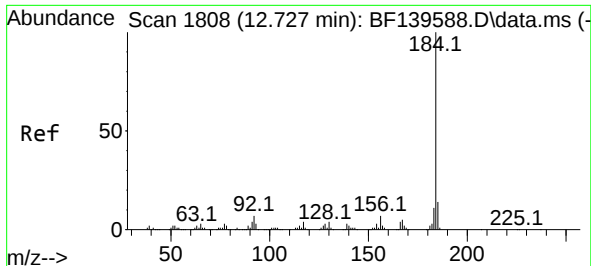
Tgt Ion:188 Resp: 307161
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 8.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.011 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Tgt Ion:240 Resp: 144397
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.9 20.3 30.5

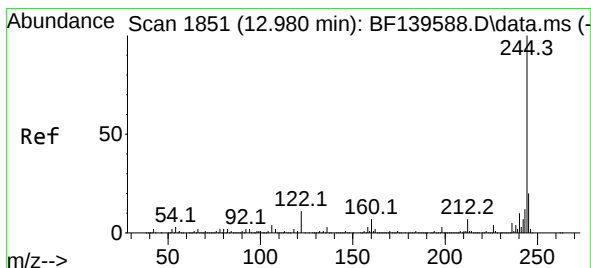
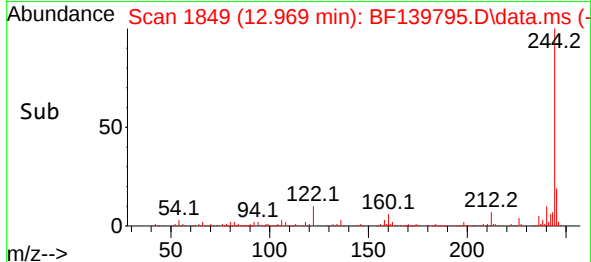
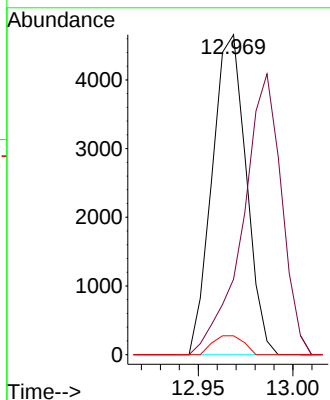
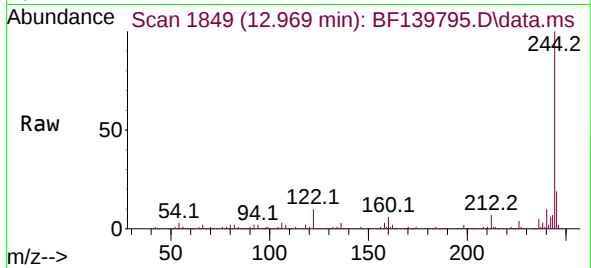




#77
Benzidine
Concen: 2.290 ng
RT: 12.969 min Scan# 1849
Delta R.T. 0.241 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

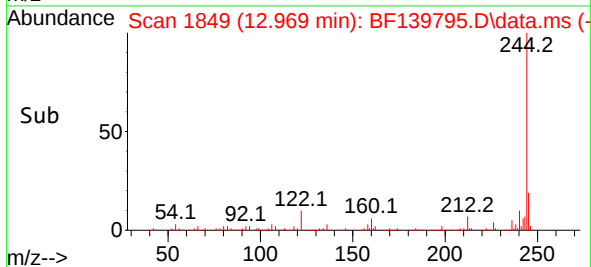
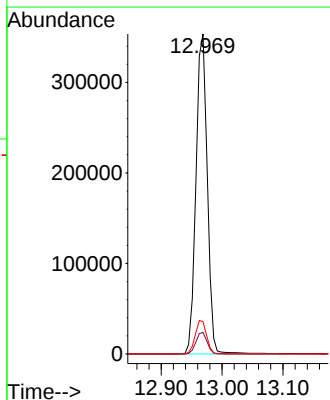
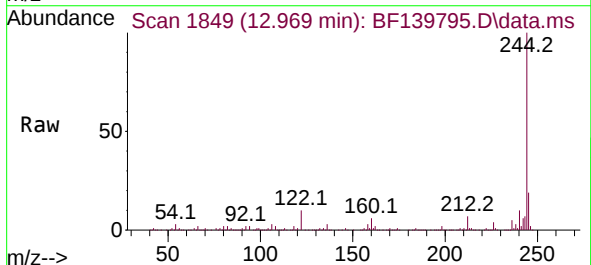
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

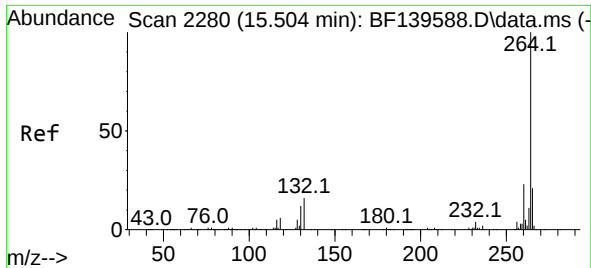
Tgt Ion:184 Resp: 5833
Ion Ratio Lower Upper
184 100
185 23.6 11.4 17.0#
183 5.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 51.820 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Tgt Ion:244 Resp: 456032
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 10.2 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139795.D
Acq: 14 Oct 2024 18:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-5

Tgt Ion:264 Resp: 125766
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.4 16.9 25.3

