

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139748.D
 Acq On : 10 Oct 2024 16:03
 Operator : RC/JU
 Sample : P4375-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-1

Quant Time: Oct 10 16:45:55 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)

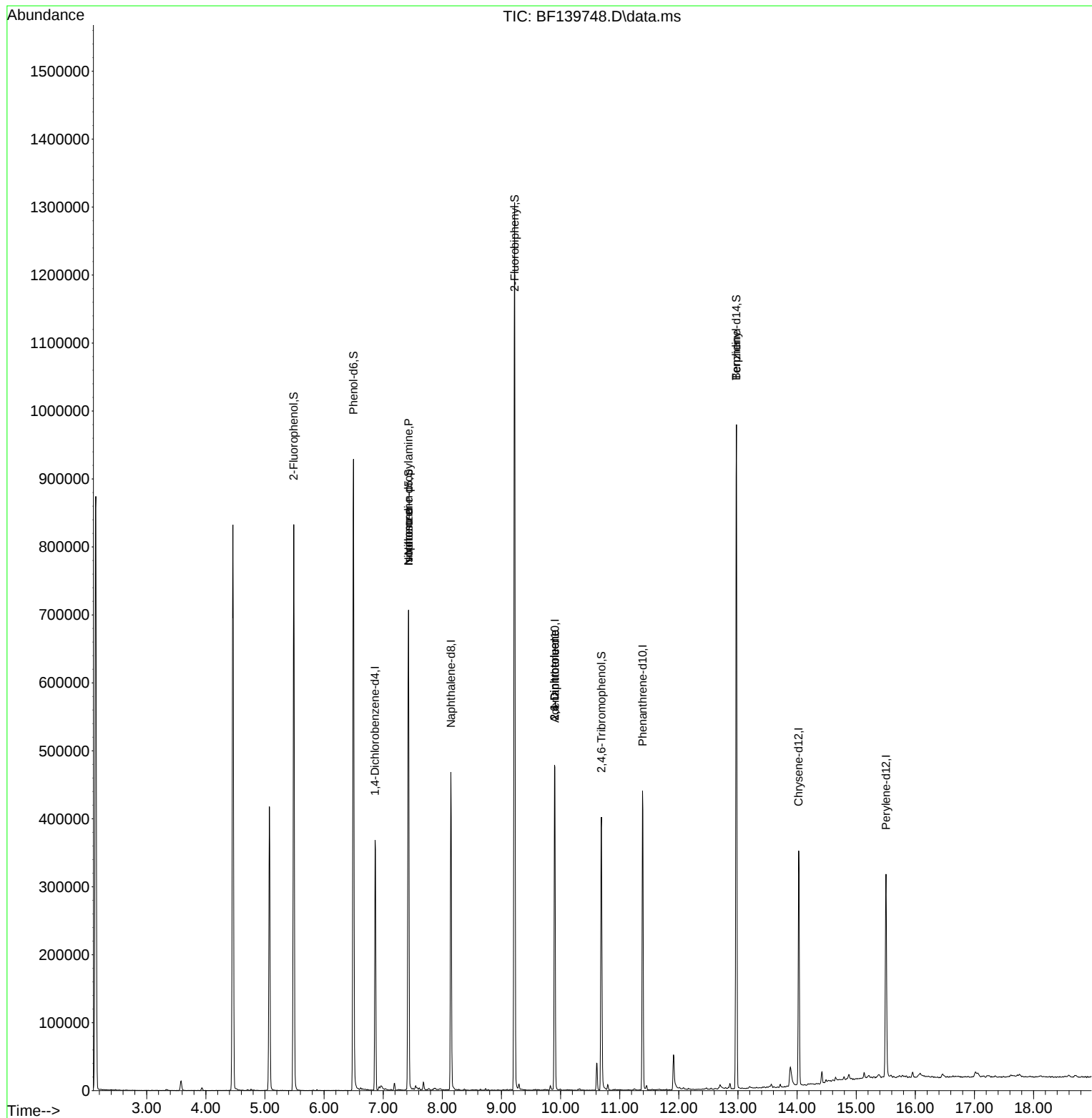
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	77185	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	281550	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	147744	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	242183	20.000	ng	0.00
76) Chrysene-d12	14.027	240	163873	20.000	ng	0.00
86) Perylene-d12	15.504	264	171333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	285037	64.007	ng	0.00
7) Phenol-d6	6.498	99	411592	68.729	ng	0.00
23) Nitrobenzene-d5	7.428	82	292703	52.636	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	66334	46.510	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	559848	58.173	ng	0.00
79) Terphenyl-d14	12.974	244	477445	47.806	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	39329	10.215	ng	# 77
25) Isophorone	7.428	82	289731	29.334	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	18964	8.680	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	18964	6.641	ng	# 17
77) Benzidine	12.974	184	6549	2.266	ng	# 90

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

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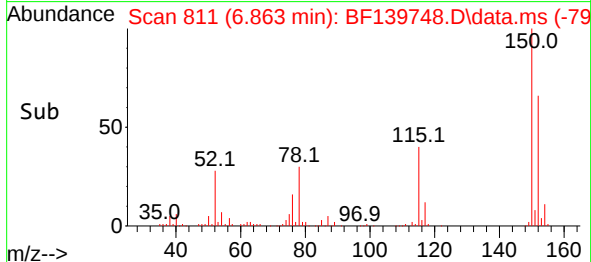
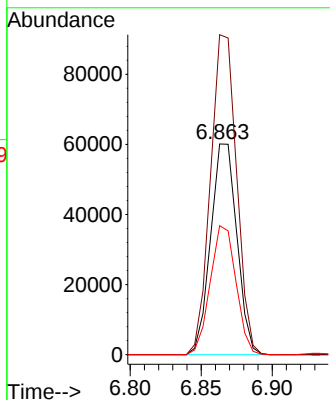
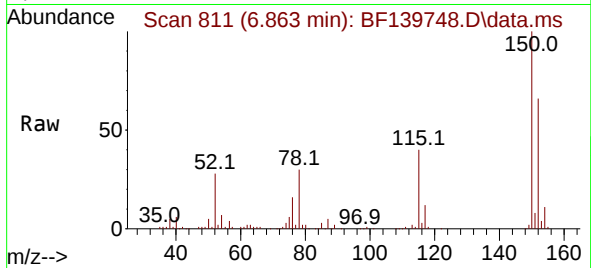




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

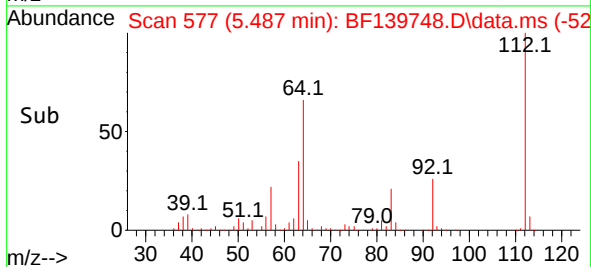
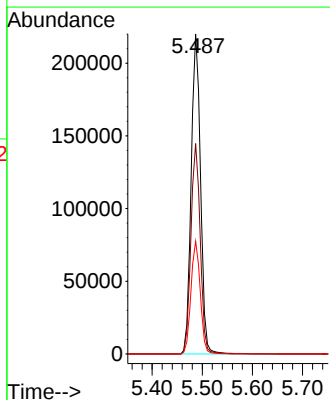
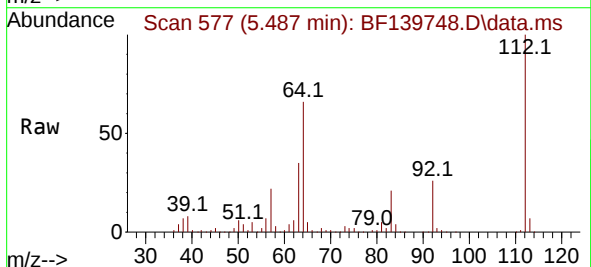
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-1

Tgt Ion:152 Resp: 77185
Ion Ratio Lower Upper
152 100
150 151.9 127.2 190.8
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 64.007 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

Tgt Ion:112 Resp: 285037
Ion Ratio Lower Upper
112 100
64 65.7 54.2 81.4
63 35.3 29.4 44.2

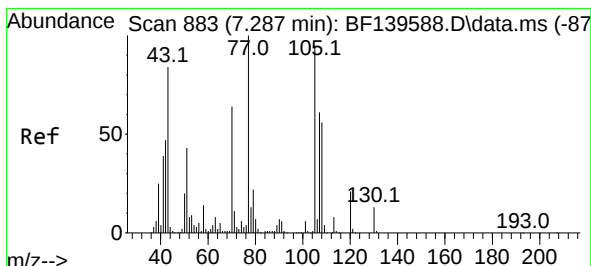
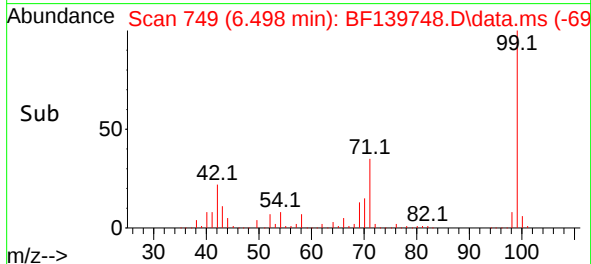
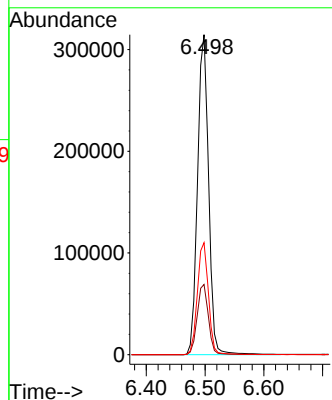
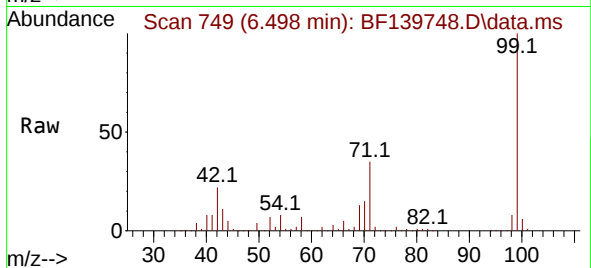




#7
Phenol-d6
Concen: 68.729 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

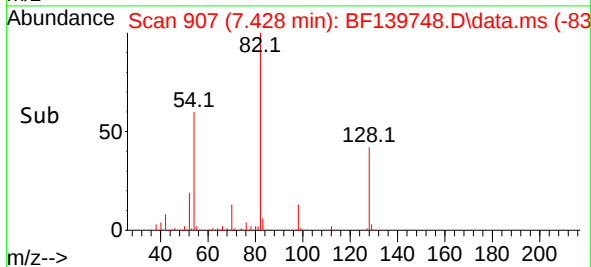
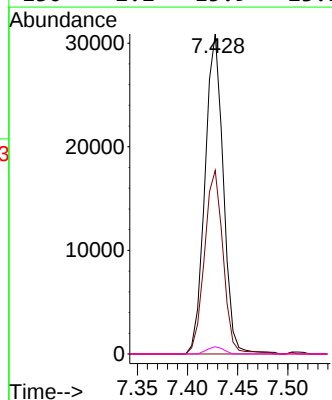
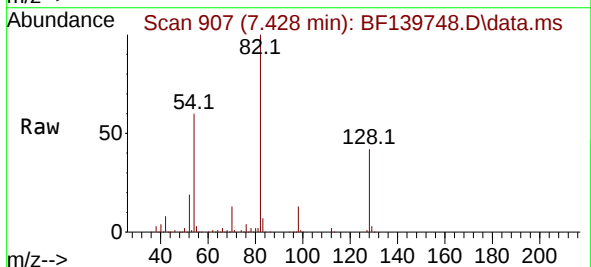
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-1

Tgt Ion: 99 Resp: 411592
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 35.0 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.215 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

Tgt Ion: 70 Resp: 39329
Ion Ratio Lower Upper
70 100
42 57.3 58.0 87.0#
101 0.0 7.8 11.8#
130 2.2 15.9 23.9#



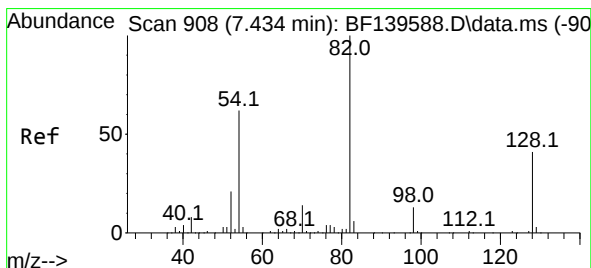
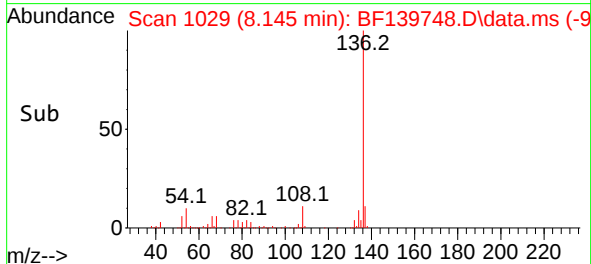
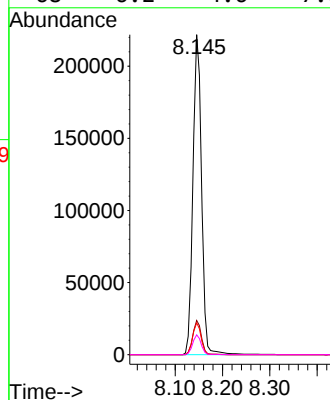
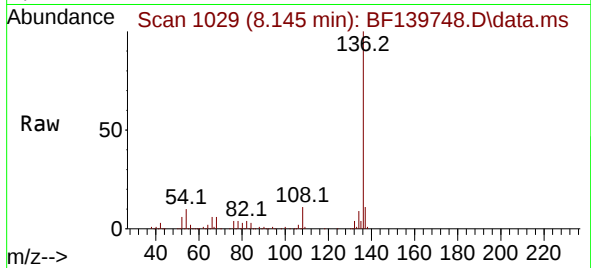


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-1

Tgt Ion:136 Resp: 281550

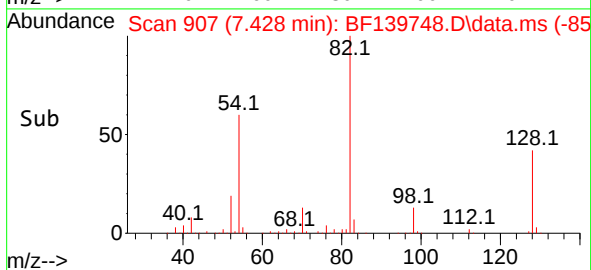
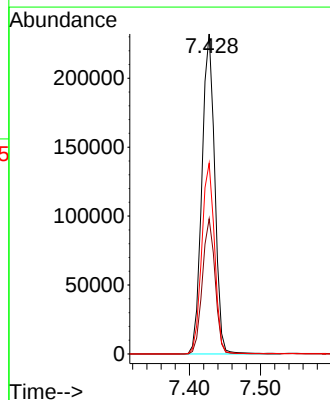
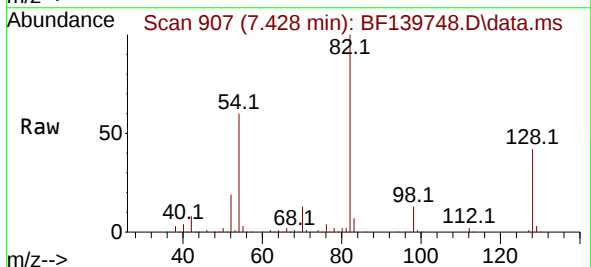
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.9	8.3	12.5
68	6.2	4.6	7.0



#23
Nitrobenzene-d5
Concen: 52.636 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

Tgt Ion: 82 Resp: 292703

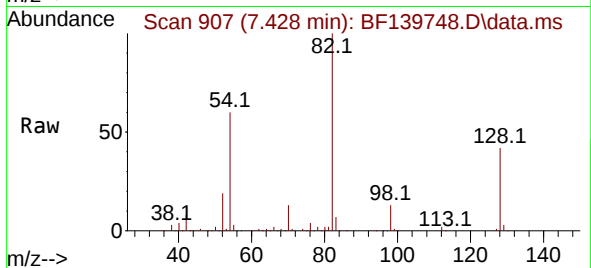
Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.4	48.6
54	59.6	49.1	73.7



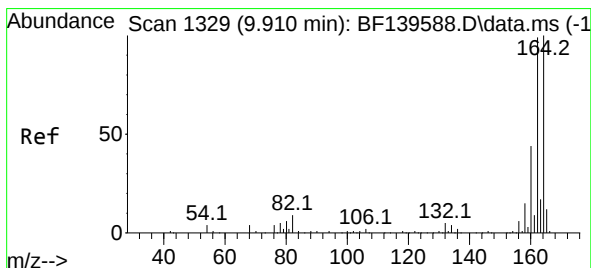
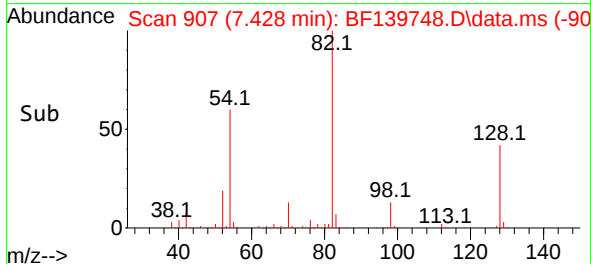
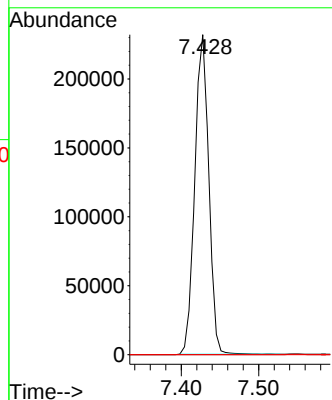


#25
Isophorone
Concen: 29.334 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-1

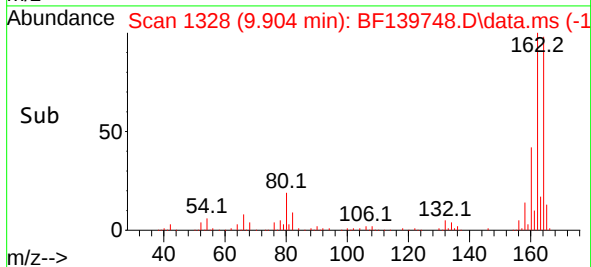
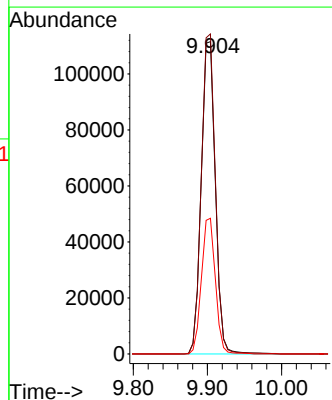
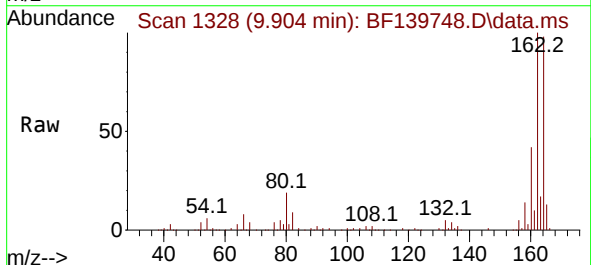


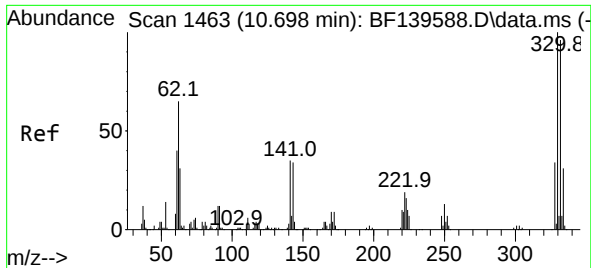
Tgt Ion: 82 Resp: 289731
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

Tgt Ion: 164 Resp: 147744
Ion Ratio Lower Upper
164 100
162 102.5 79.4 119.0
160 43.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 46.510 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139748.D

Acq: 10 Oct 2024 16:03

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PADS-1

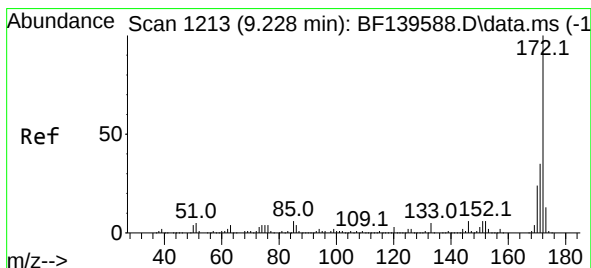
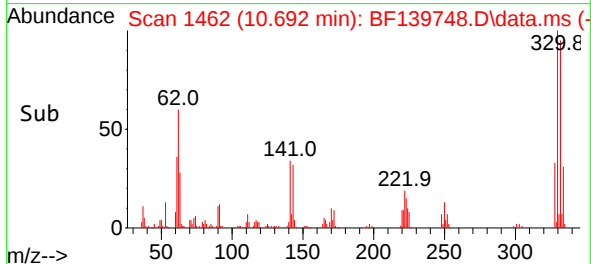
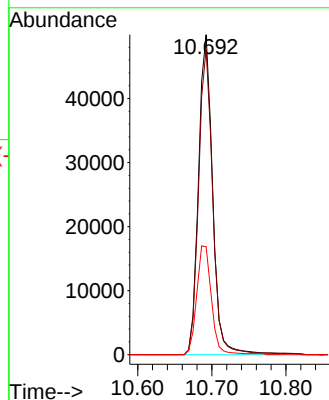
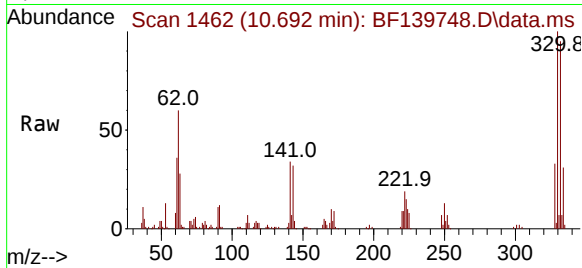
Tgt Ion:330 Resp: 66334

Ion Ratio Lower Upper

330 100

332 95.8 76.5 114.7

141 35.2 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 58.173 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139748.D

Acq: 10 Oct 2024 16:03

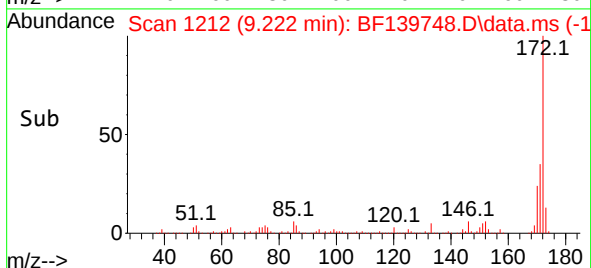
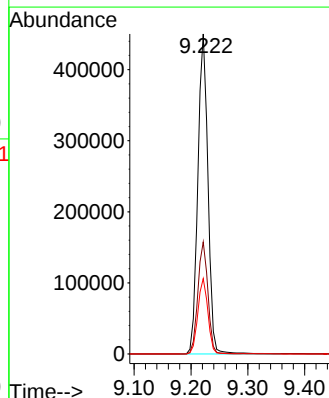
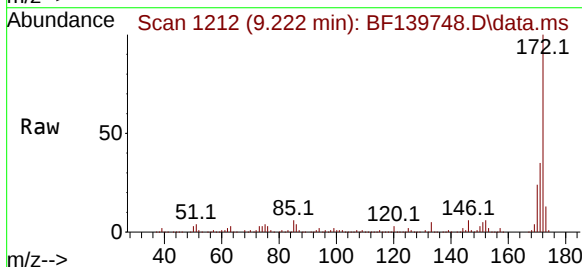
Tgt Ion:172 Resp: 559848

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.5 18.8 28.2

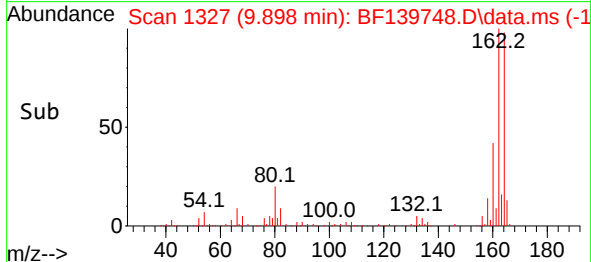
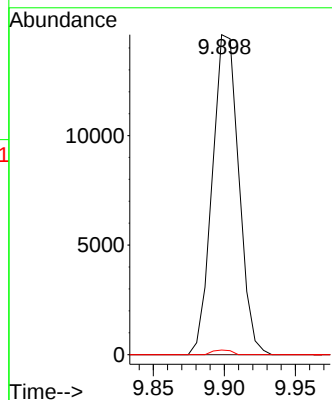
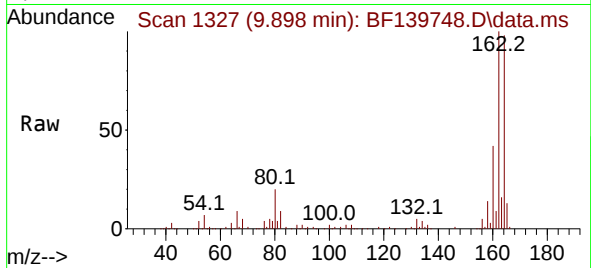




#51
2,6-Dinitrotoluene
Concen: 8.680 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

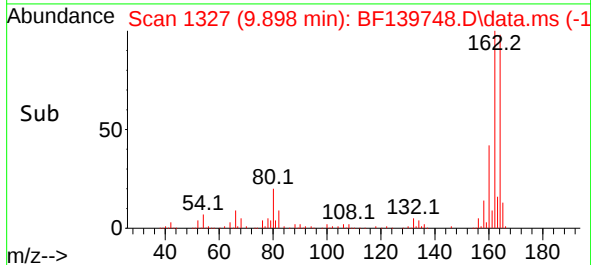
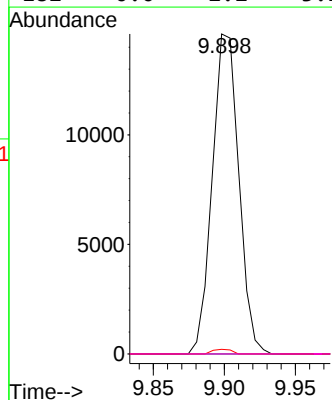
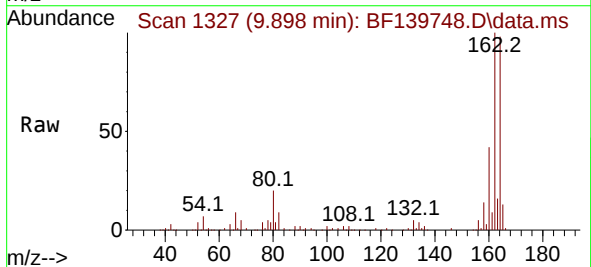
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CONCRETE-PADS-1

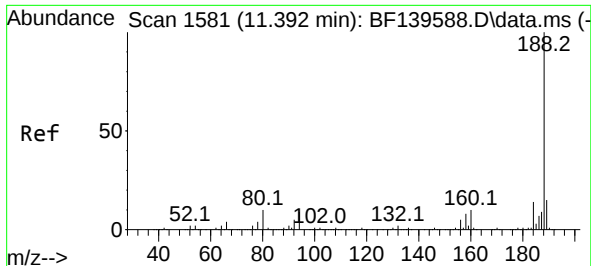
Tgt Ion:165 Resp: 18964
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 1.4 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.641 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

Tgt Ion:165 Resp: 18964
Ion Ratio Lower Upper
165 100
63 0.0 46.9 70.3#
89 1.4 64.4 96.6#
182 0.0 2.2 3.2#

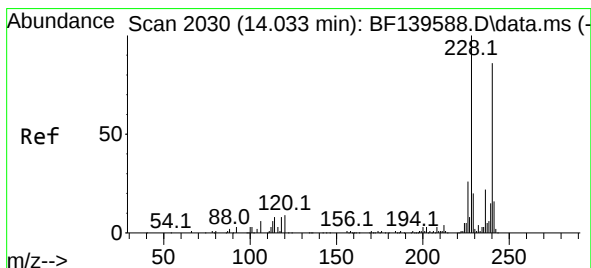
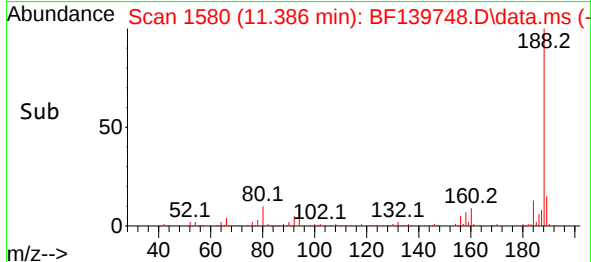
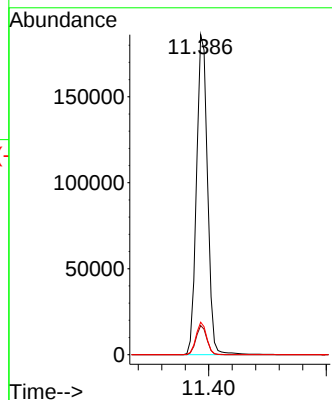
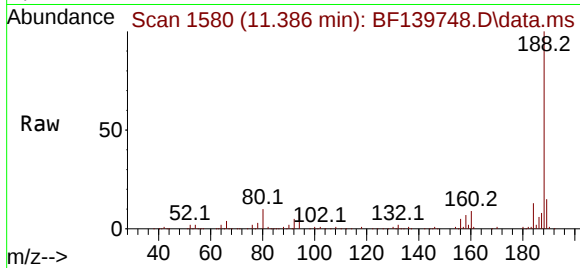




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

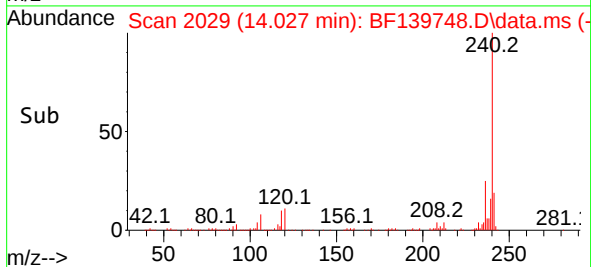
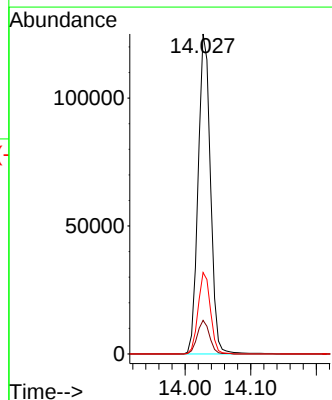
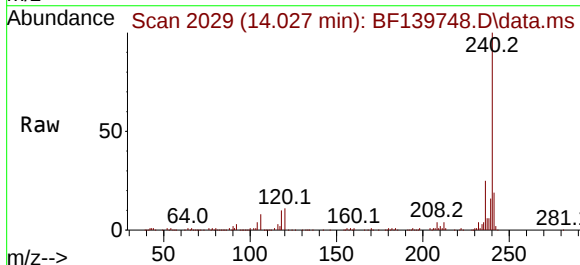
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BNA_F
ClientSampleId :
CONCRETE-PADS-1

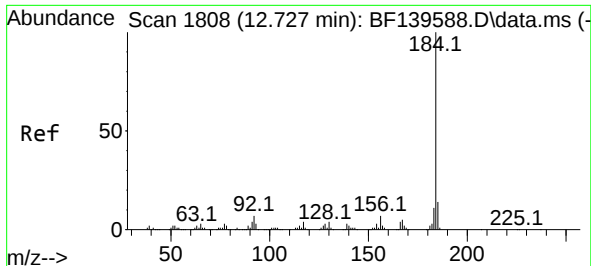
Tgt Ion:188 Resp: 242183
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.1 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

Tgt Ion:240 Resp: 163873
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.4 20.3 30.5

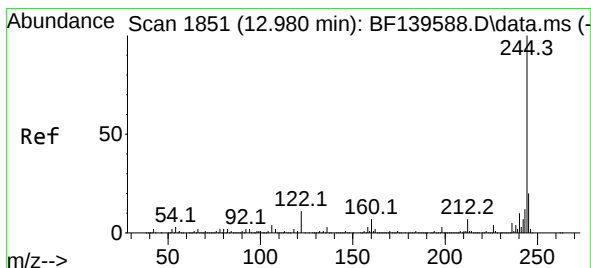
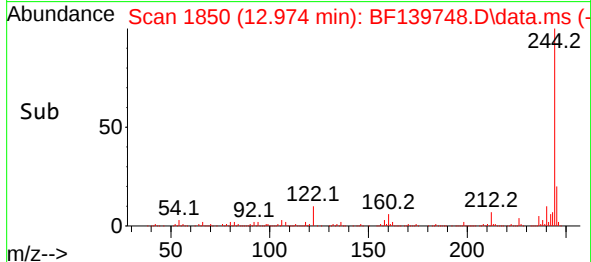
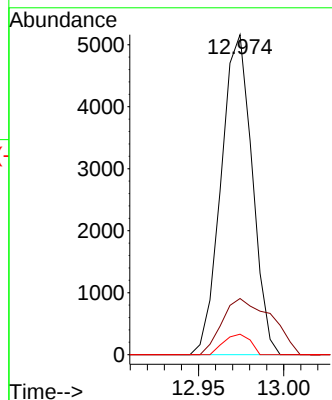
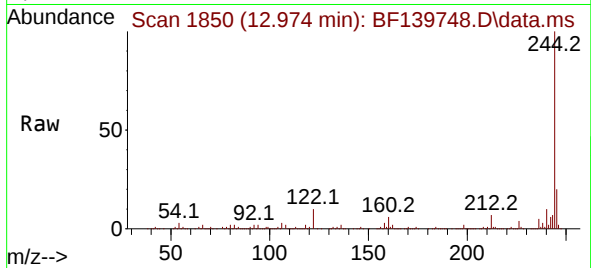




#77
Benzidine
Concen: 2.266 ng
RT: 12.974 min Scan# 1850
Delta R.T. 0.247 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

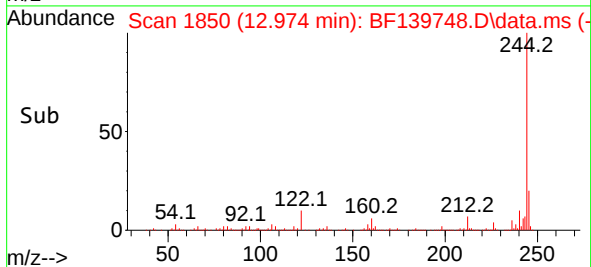
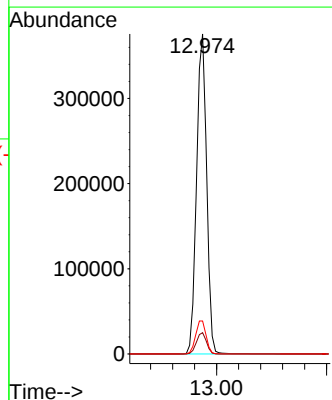
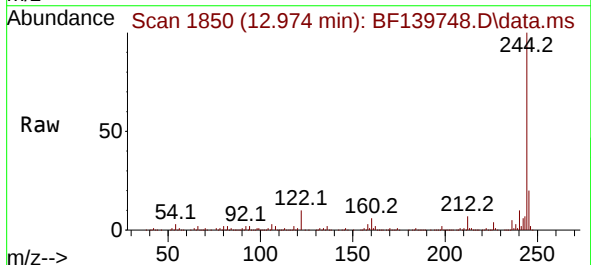
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PADS-1

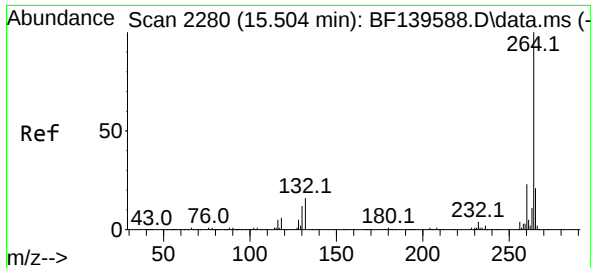
Tgt Ion:184 Resp: 6549
Ion Ratio Lower Upper
184 100
185 17.6 11.4 17.0#
183 6.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 47.806 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139748.D
Acq: 10 Oct 2024 16:03

Tgt Ion:244 Resp: 477445
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 10.3 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139748.D
 Acq: 10 Oct 2024 16:03

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PADS-1

Tgt Ion:264 Resp: 171333
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.4 16.9 25.3

