

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139673.D
 Acq On : 04 Oct 2024 22:38
 Operator : RC/JU
 Sample : P4254-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-147-SLUDGE

Quant Time: Oct 05 00:43:14 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)

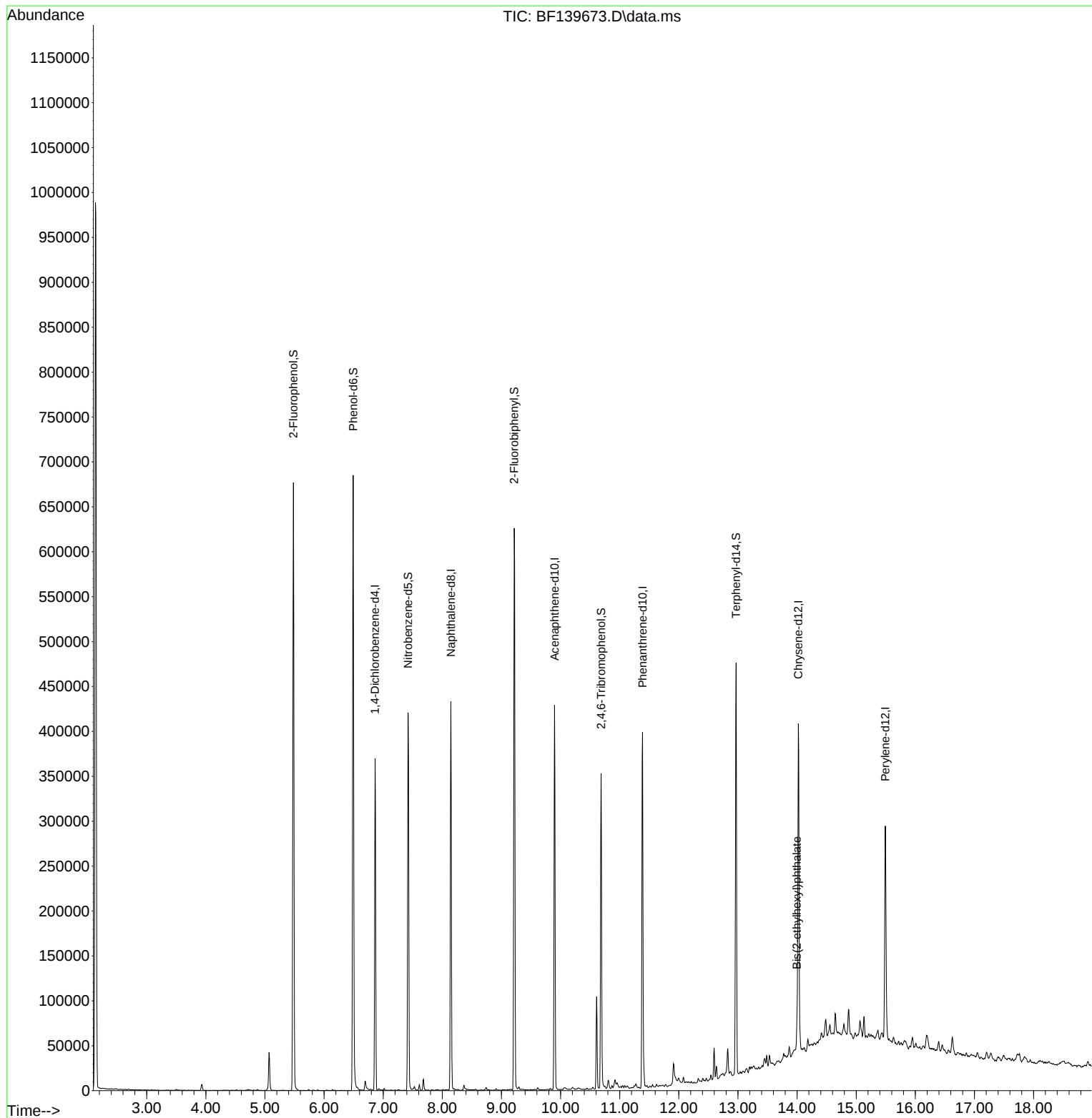
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	72785	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	255109	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	121946	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	211862	20.000	ng	0.00
76) Chrysene-d12	14.021	240	164052	20.000	ng	-0.01
86) Perylene-d12	15.492	264	130714	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	224889	53.553	ng	0.00
7) Phenol-d6	6.492	99	292031	51.712	ng	-0.01
23) Nitrobenzene-d5	7.422	82	173947	34.522	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	51805	44.007	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	273684	34.454	ng	-0.01
79) Terphenyl-d14	12.968	244	215384	21.542	ng	-0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.998	149	13403	2.045	ng	Qvalue # 99

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

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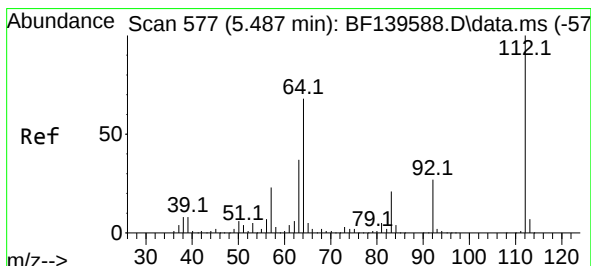
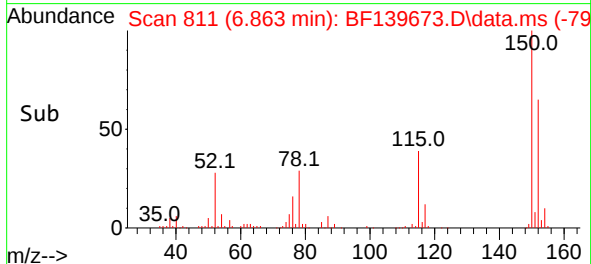
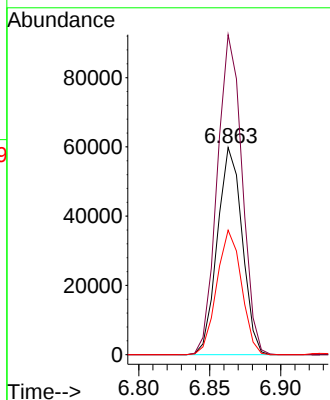
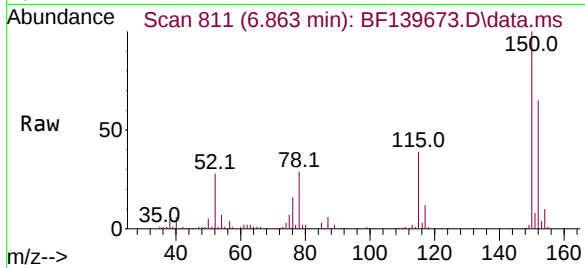




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

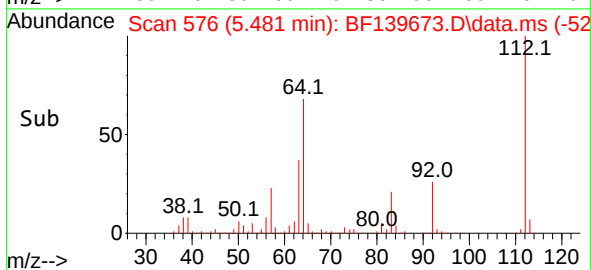
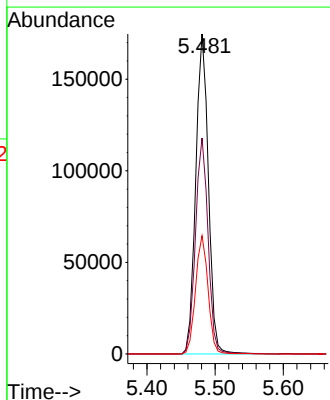
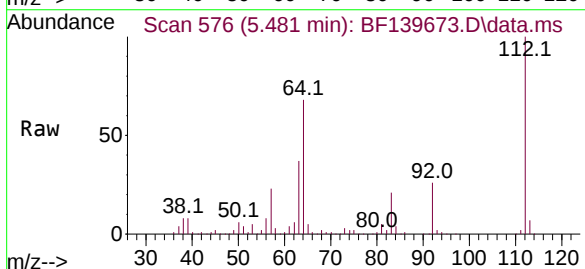
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

Tgt Ion:152 Resp: 72785
Ion Ratio Lower Upper
152 100
150 154.4 127.2 190.8
115 60.1 49.0 73.4



#5
2-Fluorophenol
Concen: 53.553 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

Tgt Ion:112 Resp: 224889
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.4
63 36.9 29.4 44.2

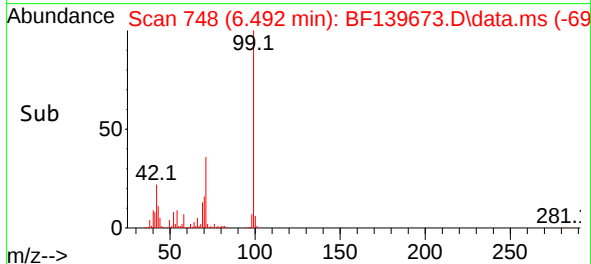
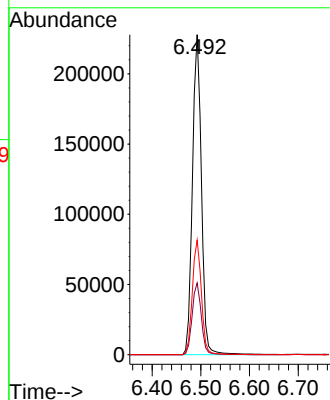
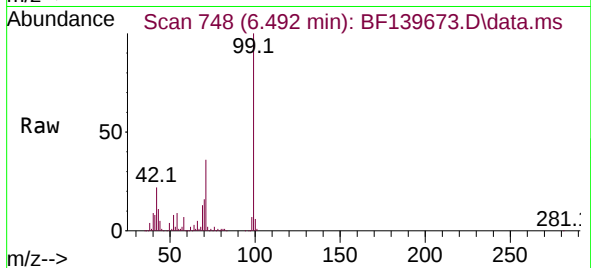




#7
Phenol-d6
Concen: 51.712 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

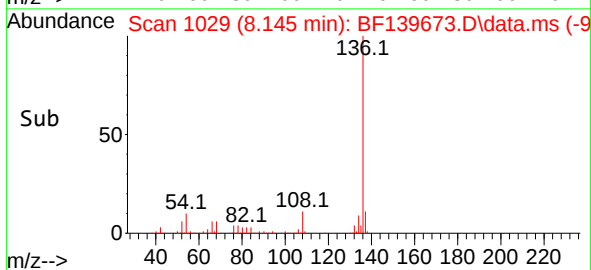
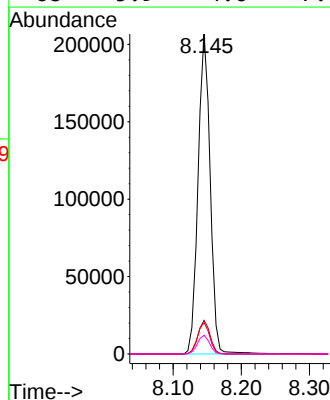
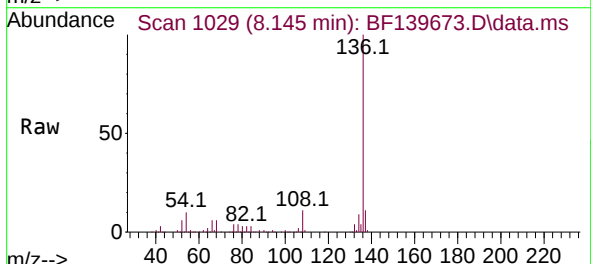
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

Tgt Ion: 99 Resp: 292031
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 35.8 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

Tgt Ion: 136 Resp: 255109
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.8 8.3 12.5
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 34.522 ng

RT: 7.422 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139673.D

Acq: 04 Oct 2024 22:38

Instrument :

BNA_F

ClientSampleId :

MH-147-SLUDGE

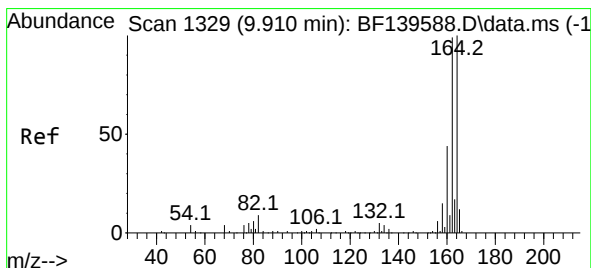
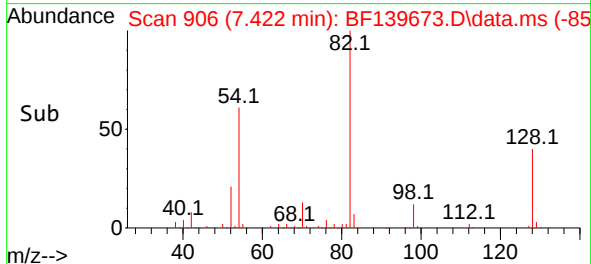
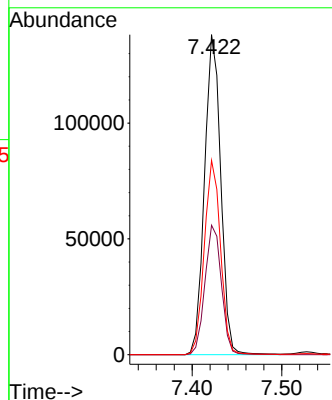
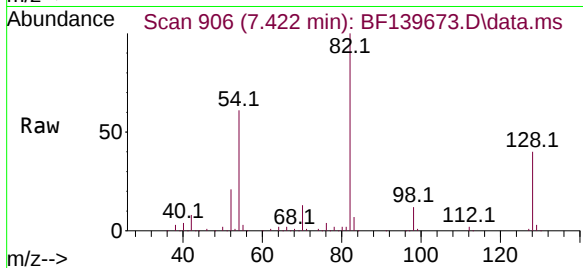
Tgt Ion: 82 Resp: 173947

Ion Ratio Lower Upper

82 100

128 40.5 32.4 48.6

54 60.7 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139673.D

Acq: 04 Oct 2024 22:38

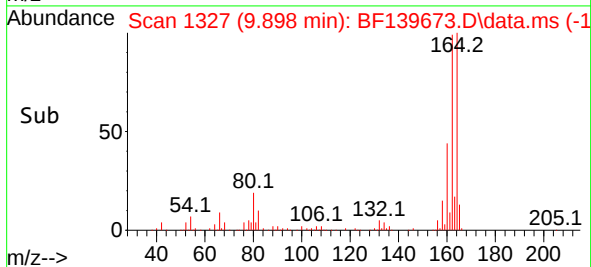
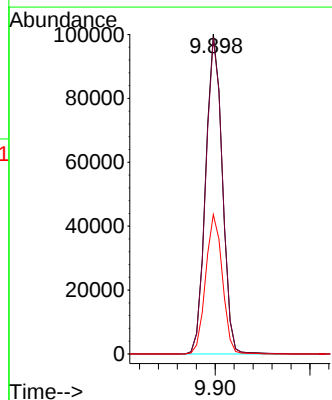
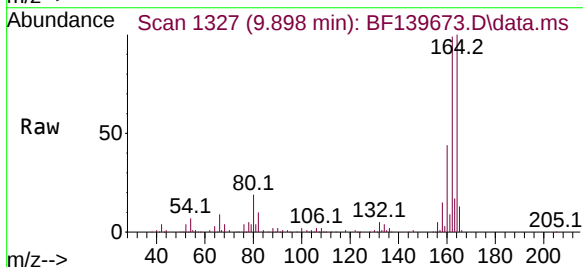
Tgt Ion:164 Resp: 121946

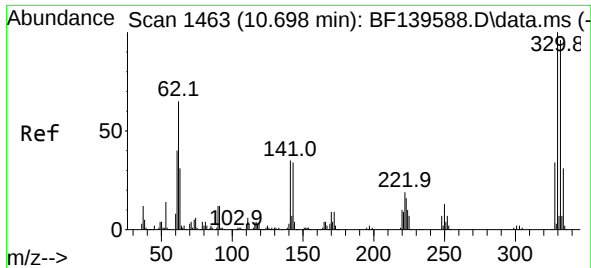
Ion Ratio Lower Upper

164 100

162 98.8 79.4 119.0

160 43.6 35.1 52.7

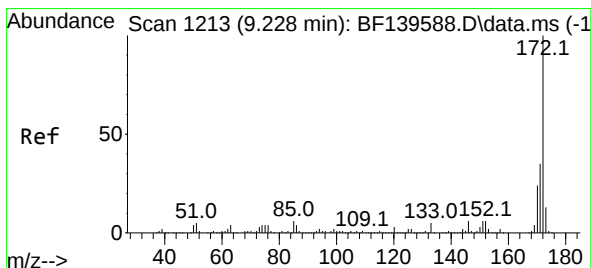
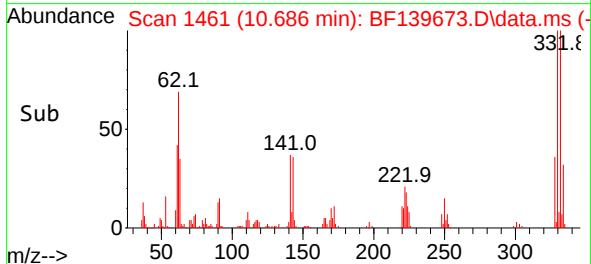
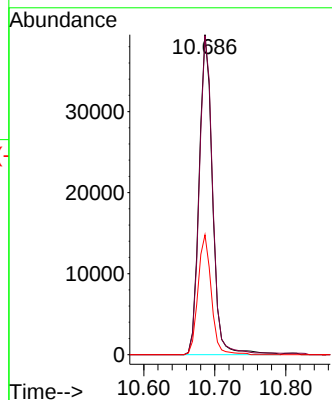
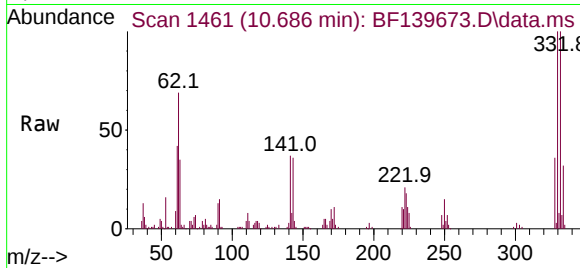




#42
2,4,6-Tribromophenol
Concen: 44.007 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

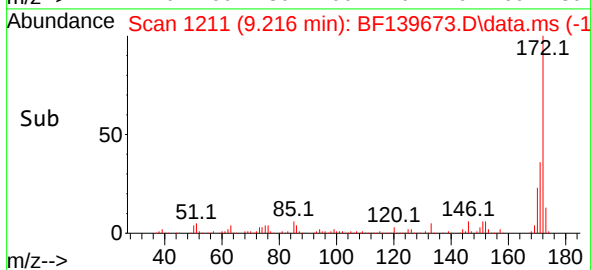
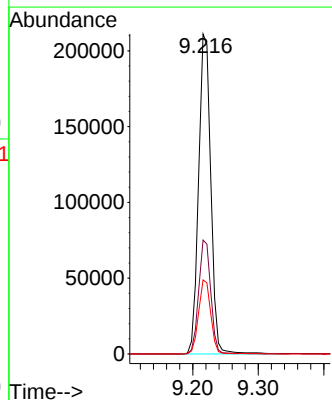
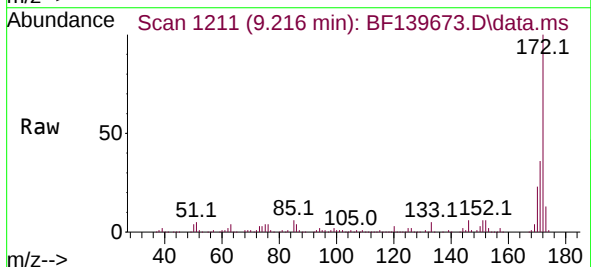
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

Tgt Ion: 330 Resp: 51805
Ion Ratio Lower Upper
330 100
332 100.3 76.5 114.7
141 37.1 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 34.454 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

Tgt Ion: 172 Resp: 273684
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.2 18.8 28.2

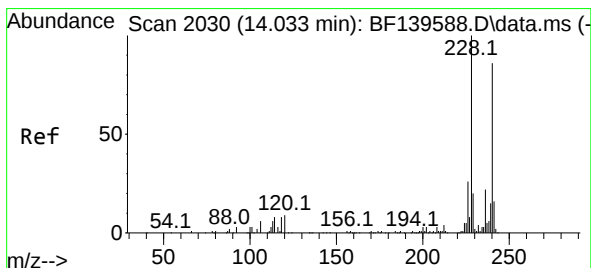
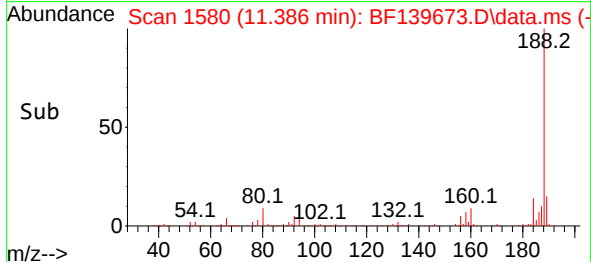
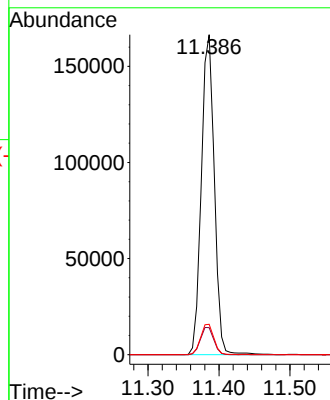
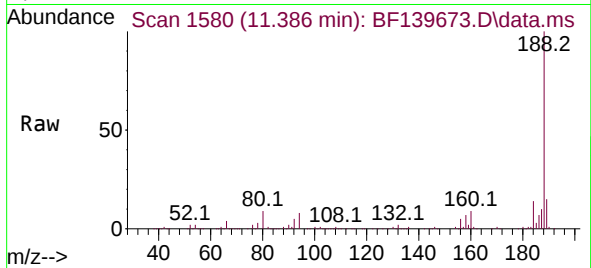




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

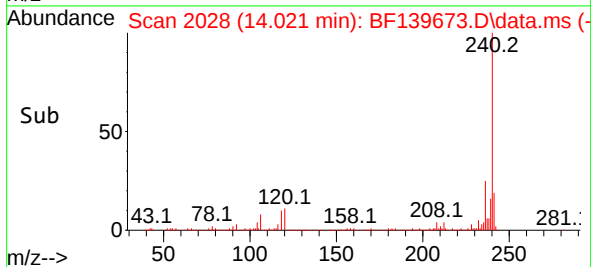
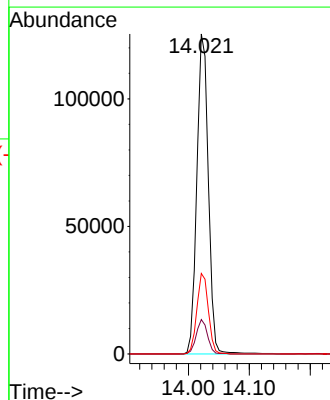
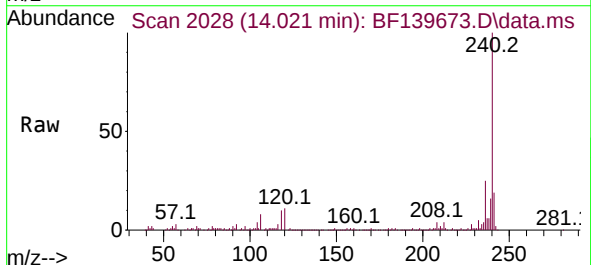
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

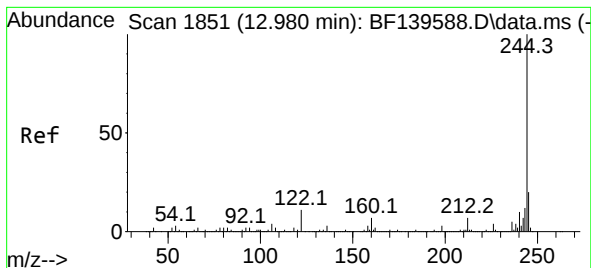
Tgt Ion:188 Resp: 211862
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.5 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

Tgt Ion:240 Resp: 164052
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.2 20.3 30.5





#79

Terphenyl-d14

Concen: 21.542 ng

RT: 12.968 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139673.D

Acq: 04 Oct 2024 22:38

Instrument :

BNA_F

ClientSampleId :

MH-147-SLUDGE

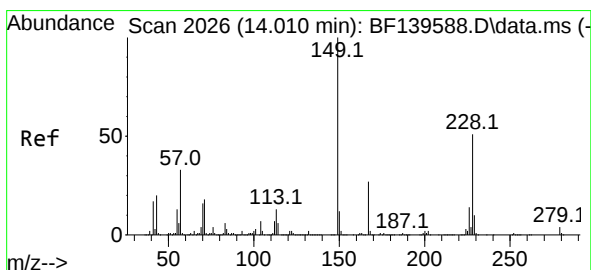
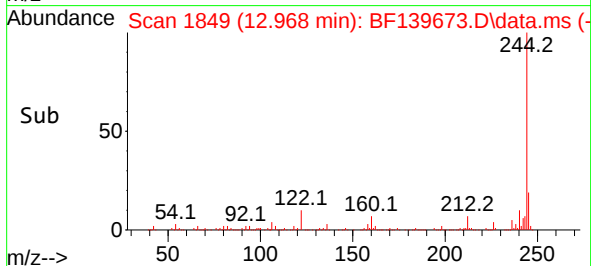
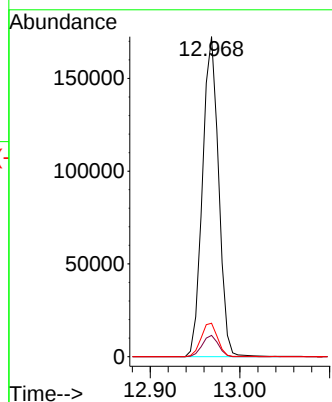
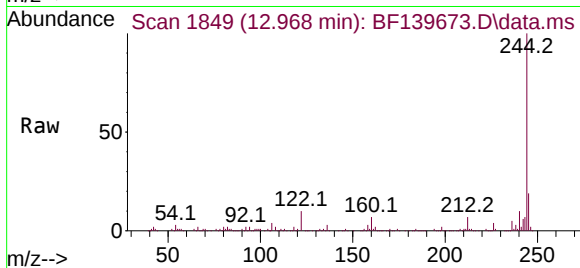
Tgt Ion:244 Resp: 215384

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 10.5 8.6 12.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.045 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.012 min

Lab File: BF139673.D

Acq: 04 Oct 2024 22:38

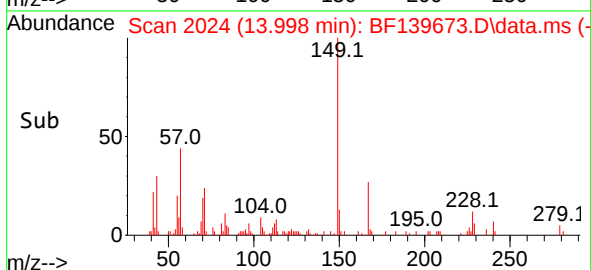
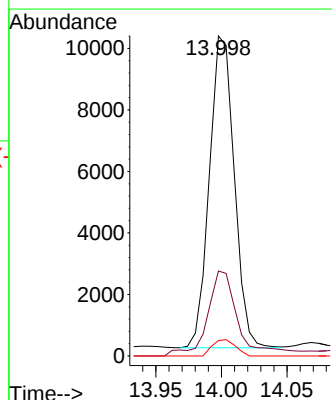
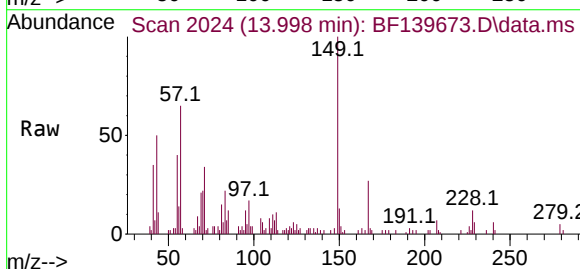
Tgt Ion:149 Resp: 13403

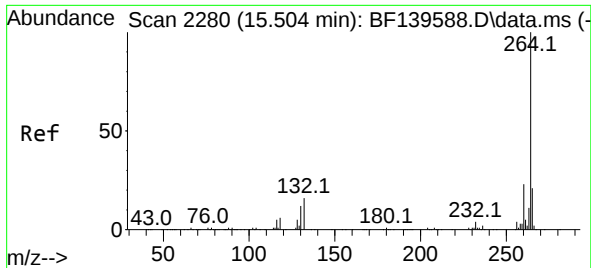
Ion Ratio Lower Upper

149 100

167 26.5 21.7 32.5

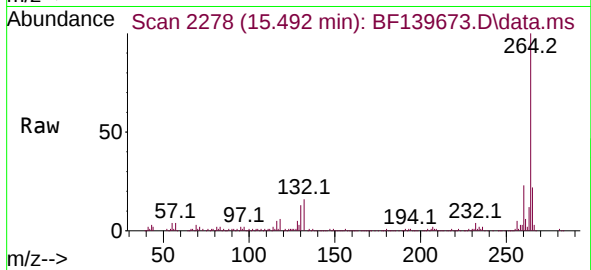
279 4.8 3.2 4.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF139673.D
 Acq: 04 Oct 2024 22:38

Instrument :
 BNA_F
 ClientSampleId :
 MH-147-SLUDGE



Tgt Ion:264 Resp: 130714
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.6 16.9 25.3

