

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)

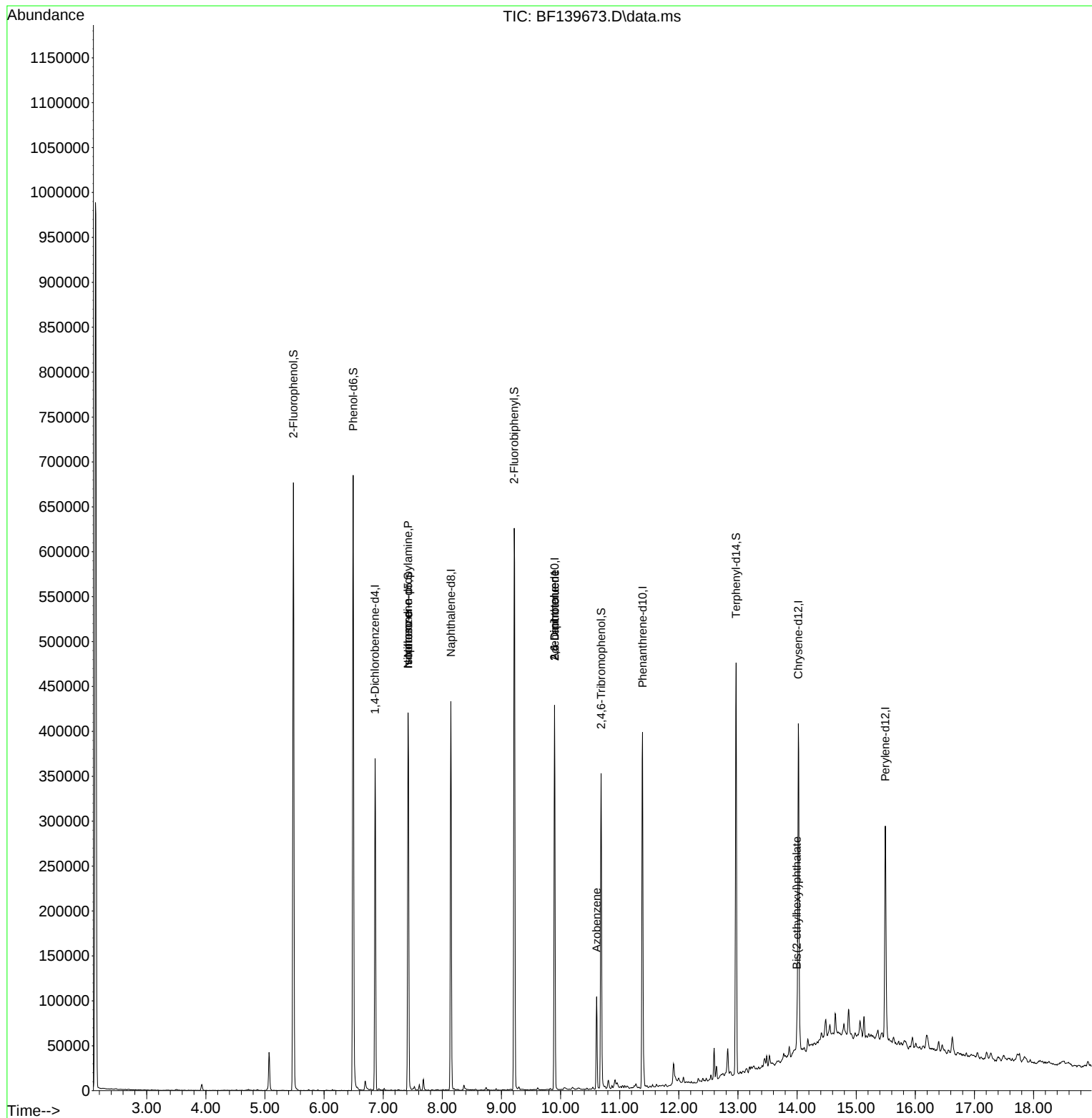
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	72785	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	255109	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	121946	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	211862	20.000	ng	0.00
76) Chrysene-d12	14.021	240	164052	20.000	ng	-0.01
86) Perylene-d12	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						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.422	70	22714	6.256	ng	# 80
25) Isophorone	7.422	82	172097	19.230	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	15529	8.612	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	15529	6.588	ng	# 17
63) Azobenzene	10.610	77	26186	3.158	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.998	149	13403	2.045	ng	# 99

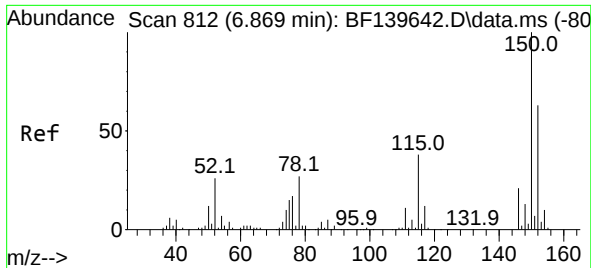
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

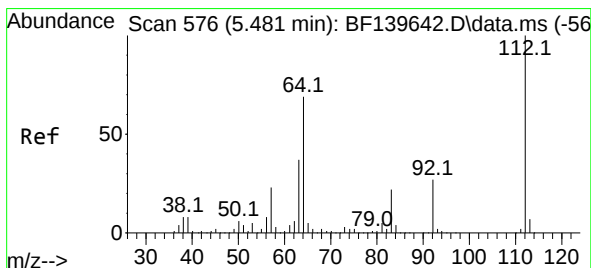
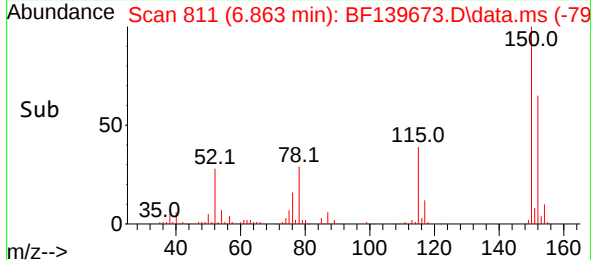
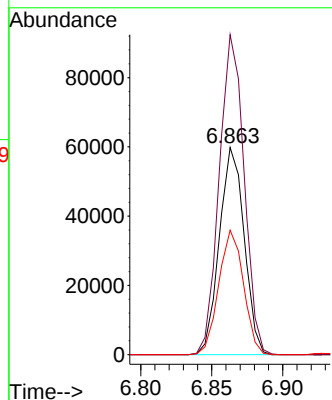
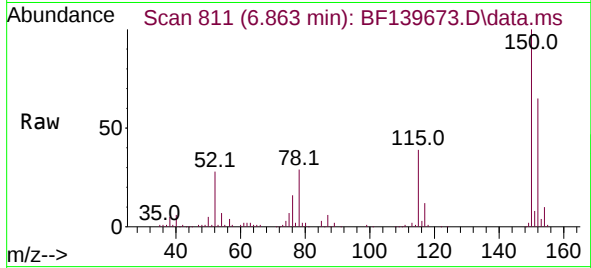




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

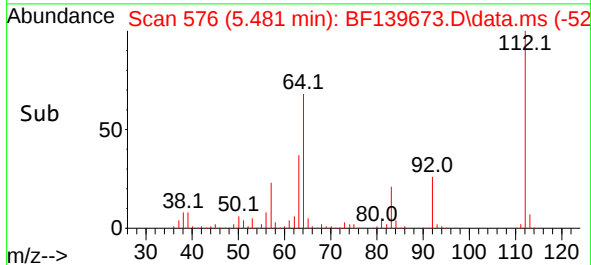
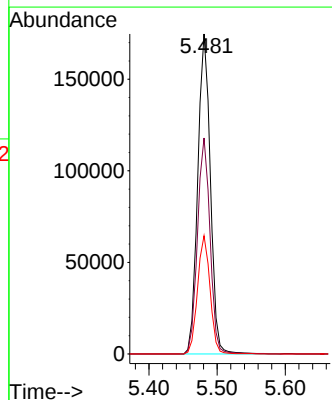
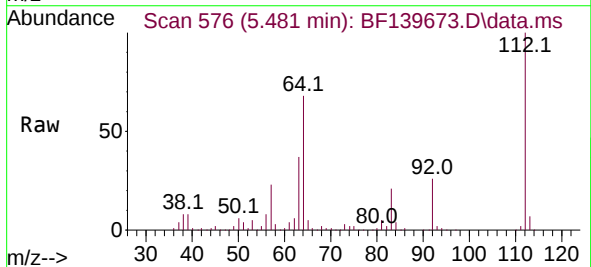
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

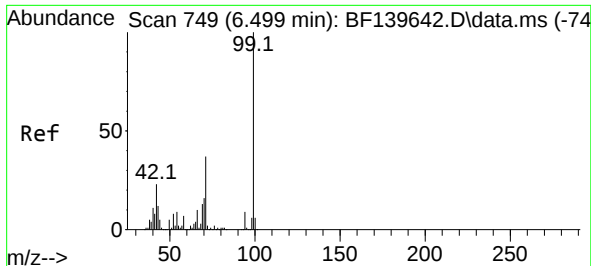
Tgt Ion:152 Resp: 72785
Ion Ratio Lower Upper
152 100
150 154.4 127.2 190.8
115 60.1 49.0 73.4



#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

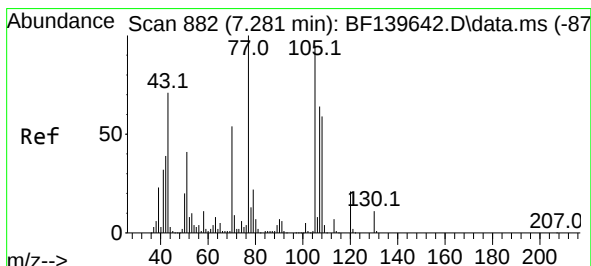
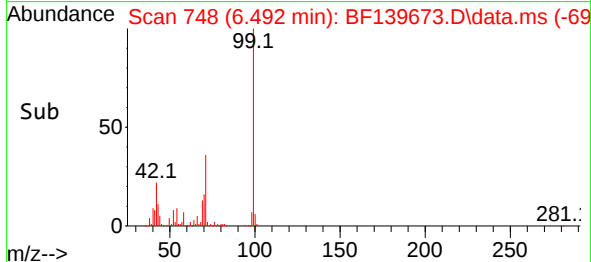
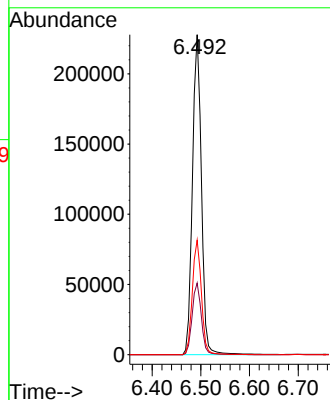
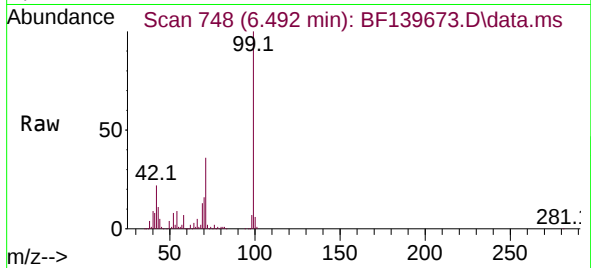




#7
Phenol-d6
Concen: 51.712 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

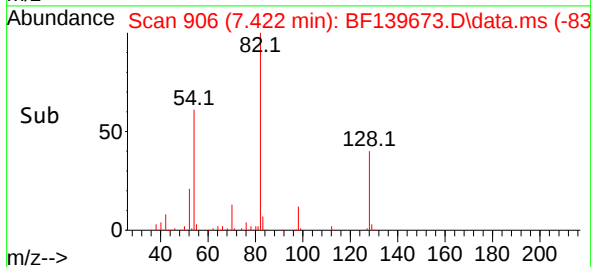
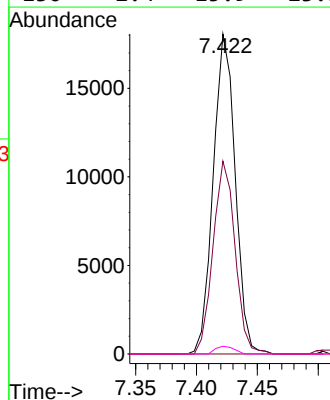
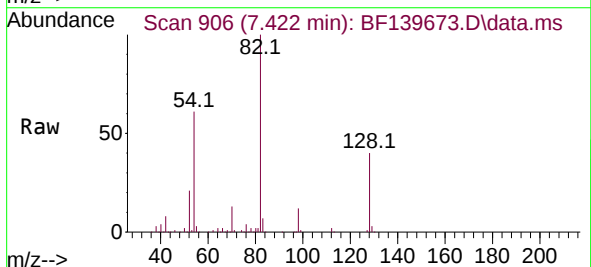
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

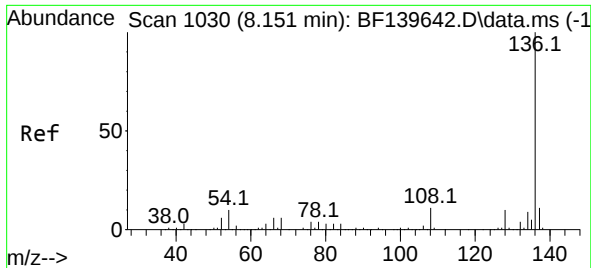
Tgt Ion: 99 Resp: 292031
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 35.8 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 6.256 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

Tgt Ion: 70 Resp: 22714
Ion Ratio Lower Upper
70 100
42 60.3 58.0 87.0
101 0.0 7.8 11.8#
130 2.4 15.9 23.9#



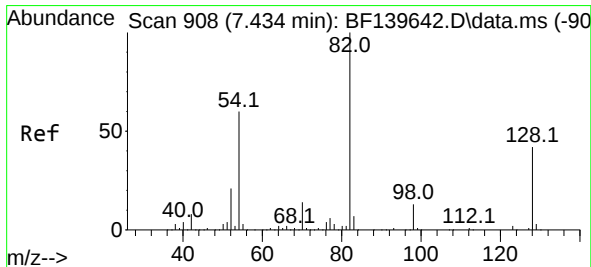
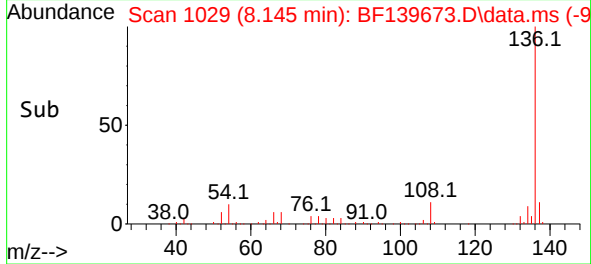
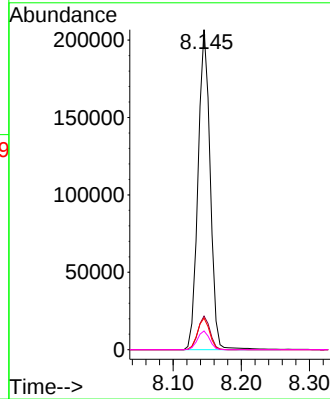
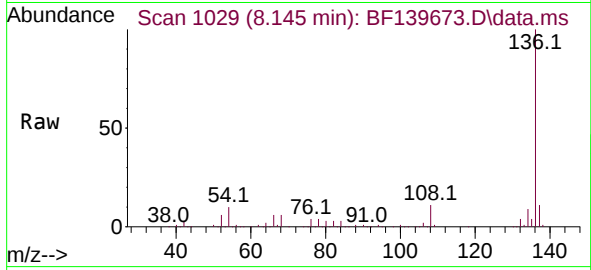


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

Tgt Ion:136 Resp: 255109

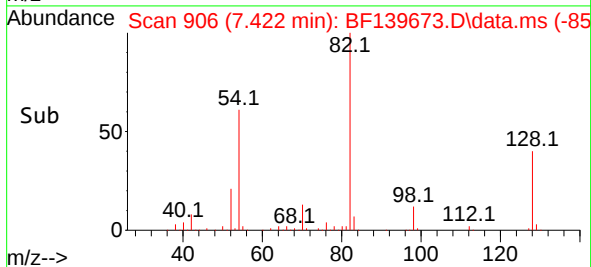
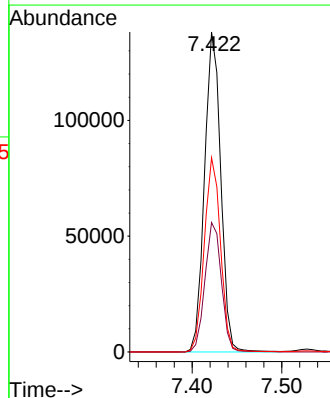
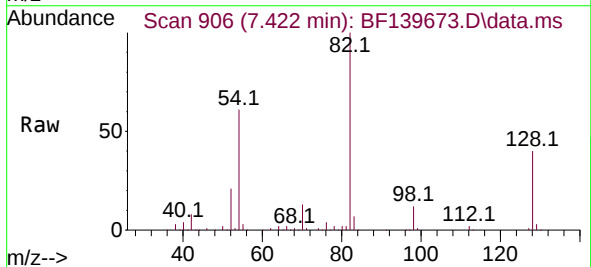
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	9.8	8.3	12.5
68	5.9	4.6	7.0

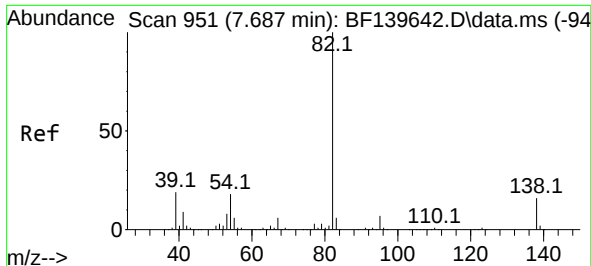


#23
Nitrobenzene-d5
Concen: 34.522 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

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

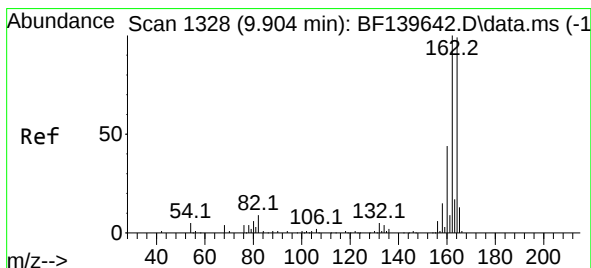
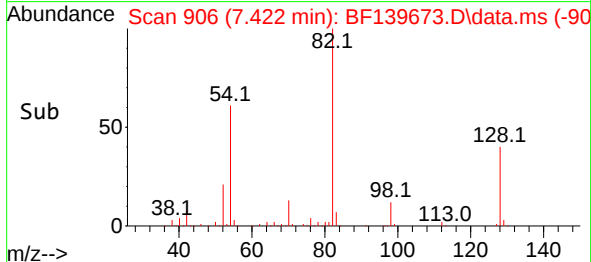
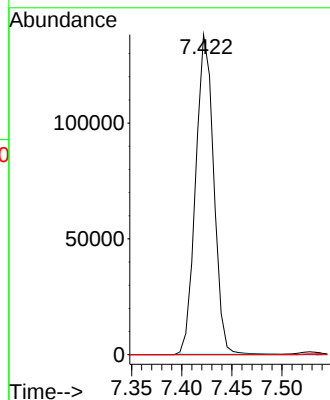
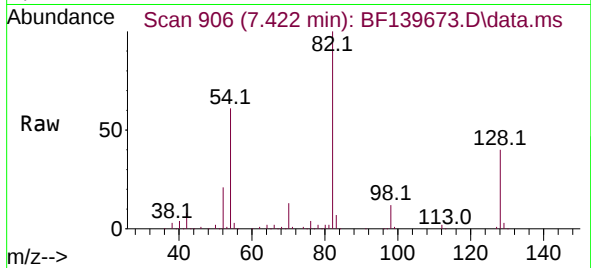




#25
Isophorone
Concen: 19.230 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

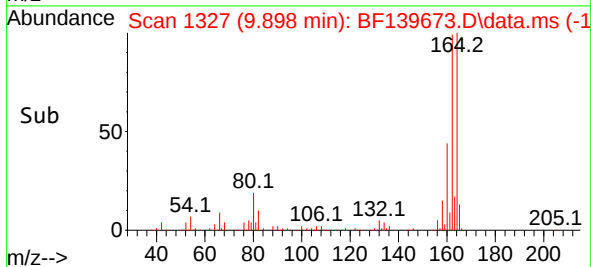
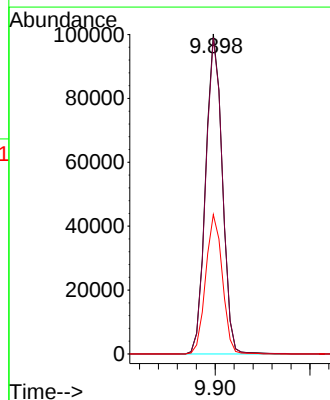
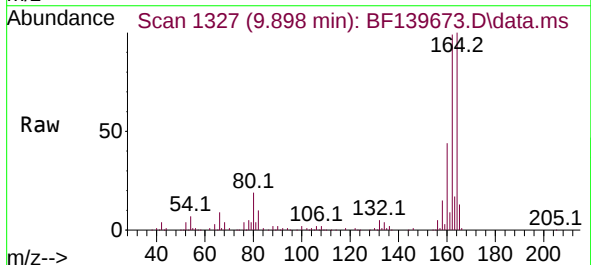
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

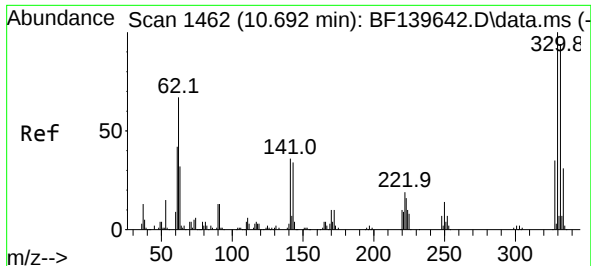
Tgt Ion: 82 Resp: 172097
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: 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

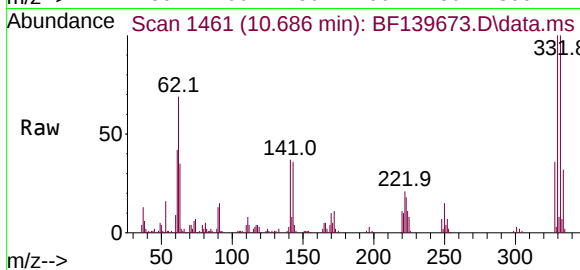
Acq: 04 Oct 2024 22:38

Instrument :

BNA_F

ClientSampleId :

MH-147-SLUDGE



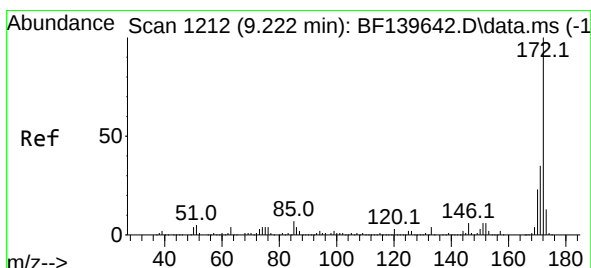
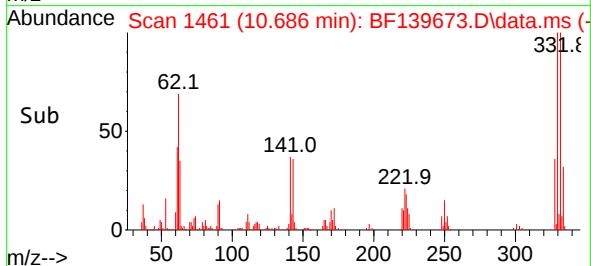
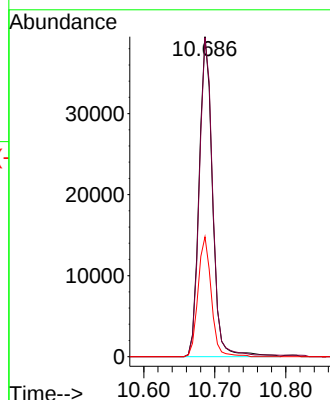
Tgt Ion:330 Resp: 51805

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

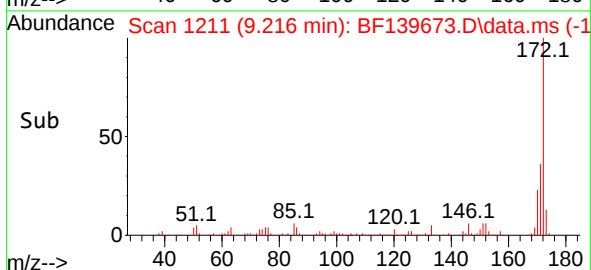
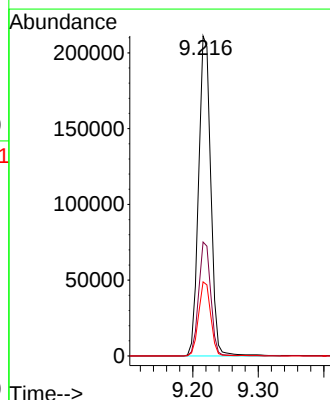
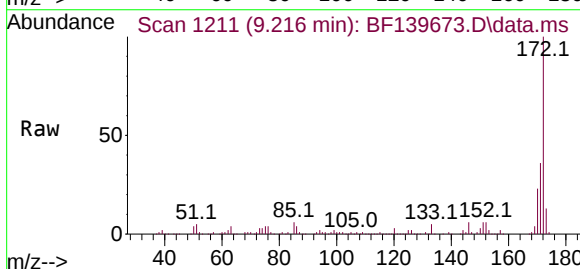
Tgt Ion:172 Resp: 273684

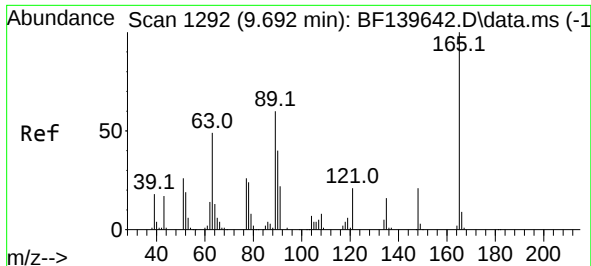
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.2 18.8 28.2

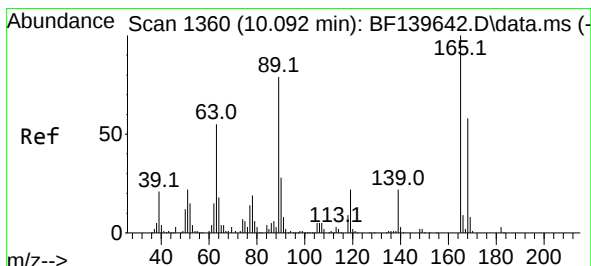
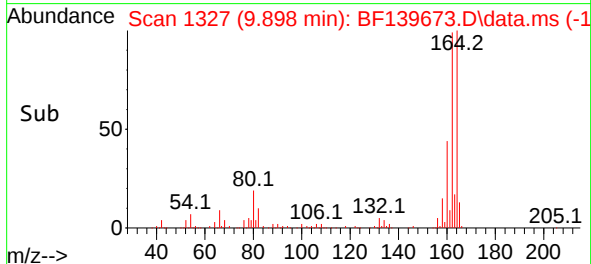
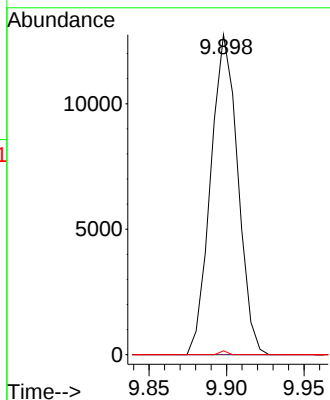
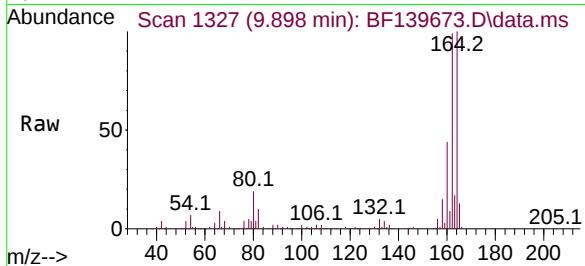




#51
2,6-Dinitrotoluene
Concen: 8.612 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

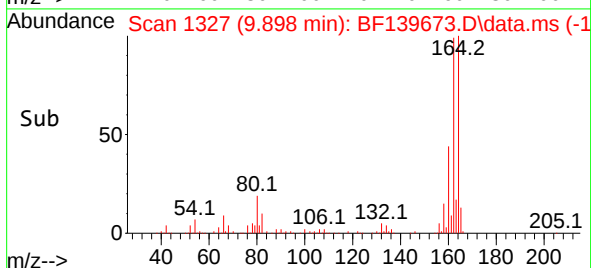
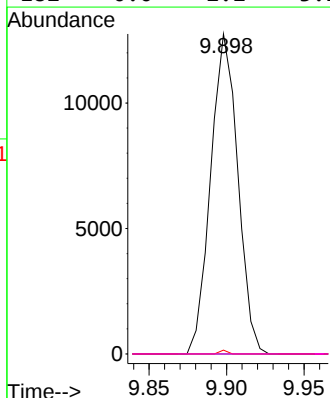
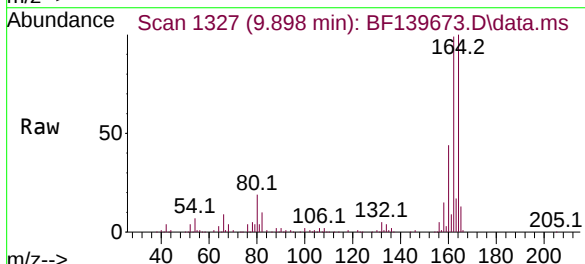
Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

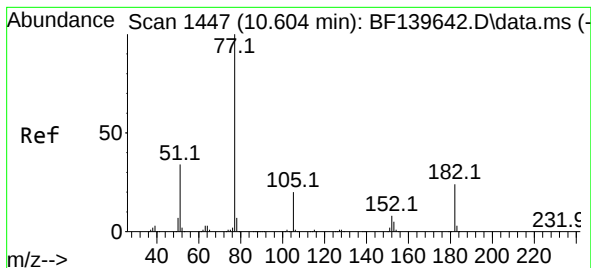
Tgt Ion:165 Resp: 15529
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 1.2 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.588 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

Tgt Ion:165 Resp: 15529
Ion Ratio Lower Upper
165 100
63 0.0 46.9 70.3#
89 1.2 64.4 96.6#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 3.158 ng

RT: 10.610 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF139673.D

Acq: 04 Oct 2024 22:38

Instrument :

BNA_F

ClientSampleId :

MH-147-SLUDGE

Tgt Ion: 77 Resp: 26186

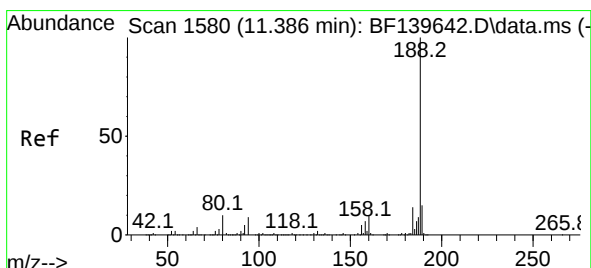
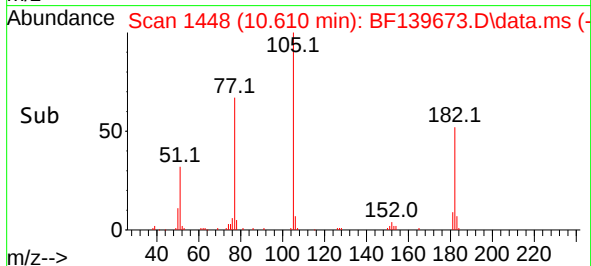
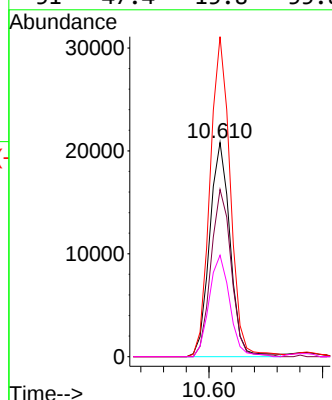
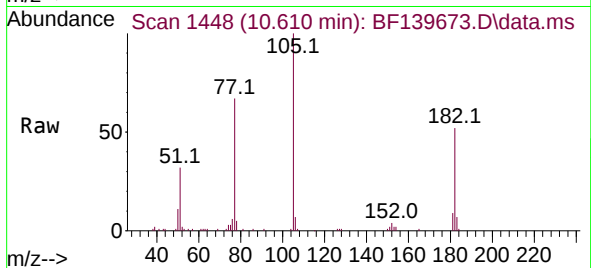
Ion Ratio Lower Upper

77 100

182 78.0 4.2 44.2#

105 149.4 0.0 39.6#

51 47.4 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139673.D

Acq: 04 Oct 2024 22:38

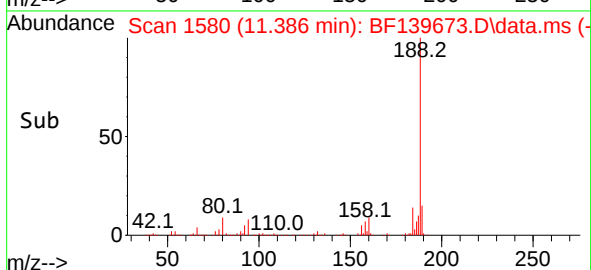
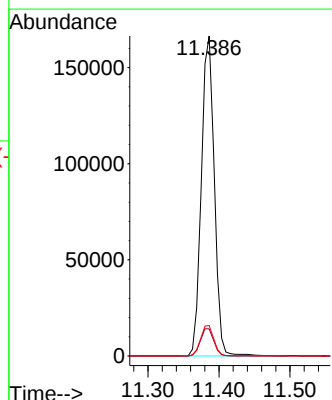
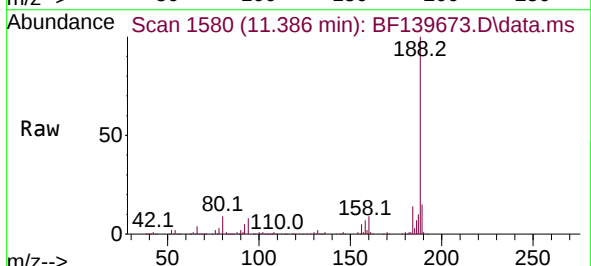
Tgt Ion: 188 Resp: 211862

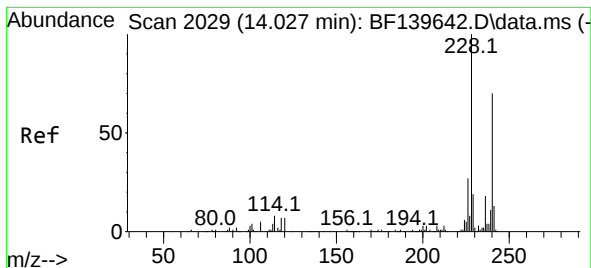
Ion Ratio Lower Upper

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# 2029

Delta R.T. -0.012 min

Lab File: BF139673.D

Acq: 04 Oct 2024 22:38

Instrument :

BNA_F

ClientSampleId :

MH-147-SLUDGE

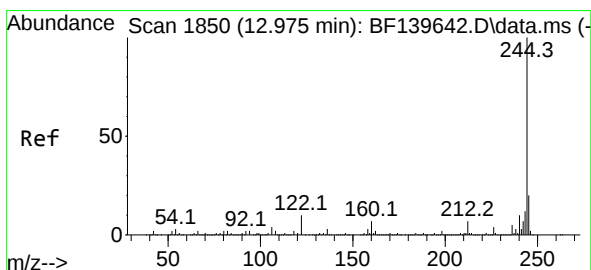
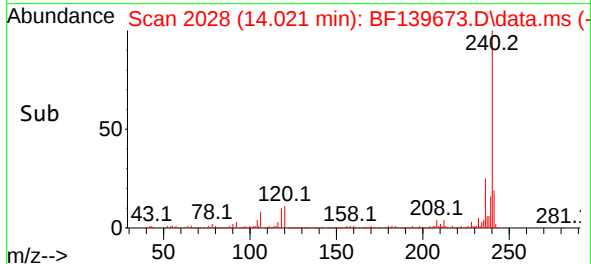
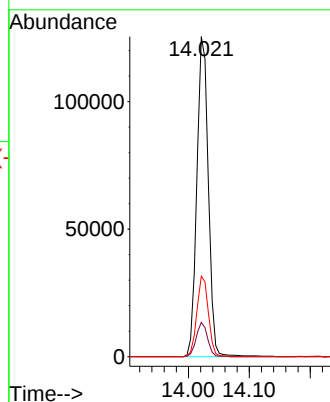
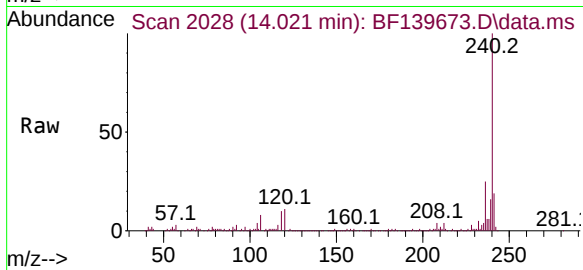
Tgt Ion:240 Resp: 164052

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# 1849

Delta R.T. -0.012 min

Lab File: BF139673.D

Acq: 04 Oct 2024 22:38

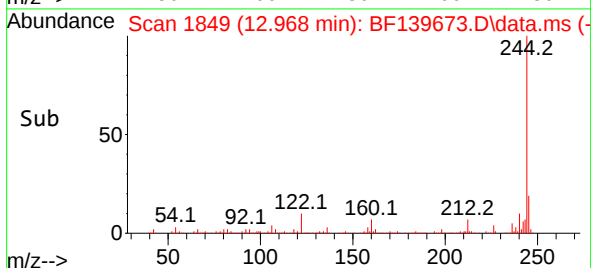
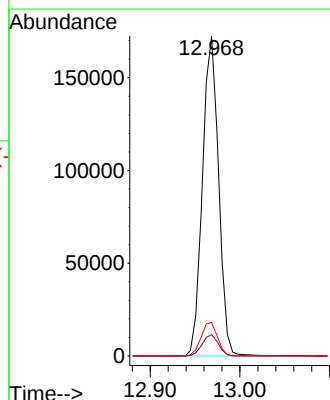
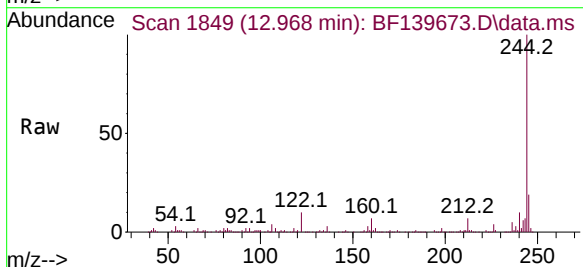
Tgt Ion:244 Resp: 215384

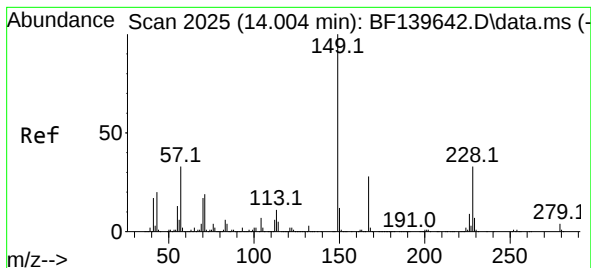
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 10.5 8.6 12.8

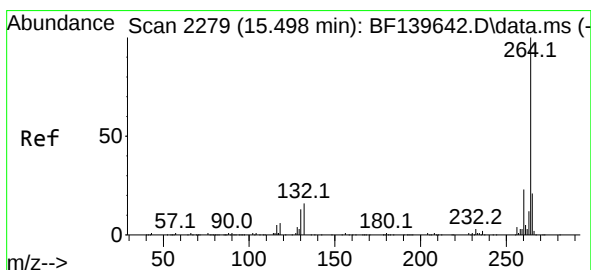
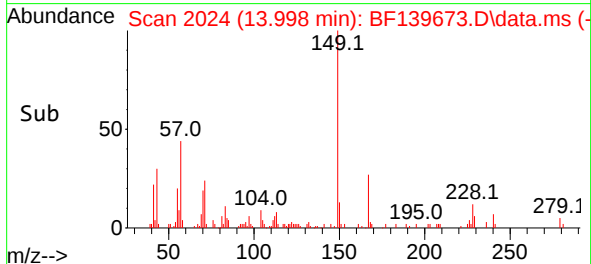
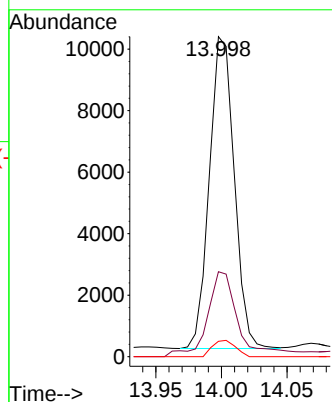
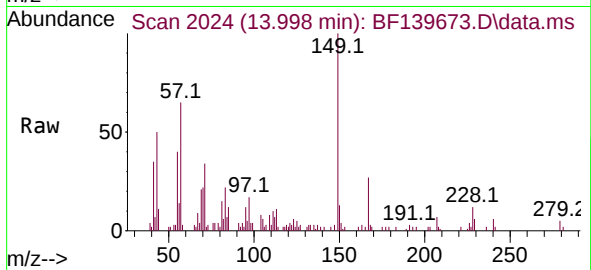




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.045 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

Instrument :
BNA_F
ClientSampleId :
MH-147-SLUDGE

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# 2278
Delta R.T. -0.012 min
Lab File: BF139673.D
Acq: 04 Oct 2024 22:38

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

