

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133356.D
 Acq On : 11 May 2023 16:00
 Operator : CG\JU
 Sample : 02743-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-B-SLUDGE

Quant Time: May 11 16:22:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

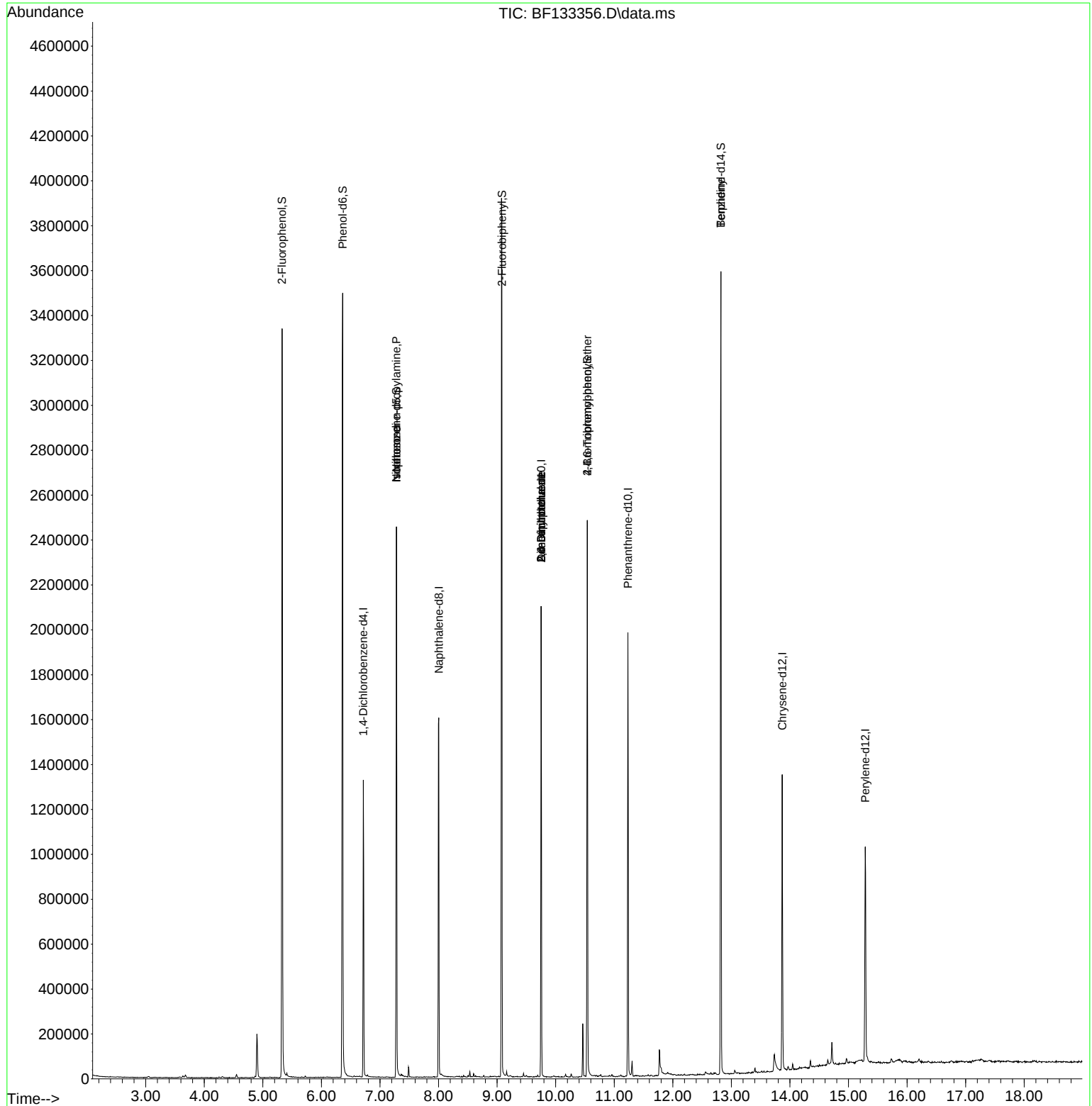
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	182771	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	719044	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	374155	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	676417	20.000	ng	-0.01
76) Chrysene-d12	13.869	240	395723	20.000	ng	-0.01
86) Perylene-d12	15.286	264	428102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	964142	79.687	ng	0.00
7) Phenol-d6	6.363	99	1207657	80.416	ng	0.00
23) Nitrobenzene-d5	7.281	82	683947	51.342	ng	-0.01
42) 2,4,6-Tribromophenol	10.539	330	275292	73.161	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	1214674	54.313	ng	0.00
79) Terphenyl-d14	12.822	244	1220493	53.192	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	158	Below Cal	#	48
19) n-Nitroso-di-n-propyla...	7.281	70	90970	9.730 ng	#	77
25) Isophorone	7.281	82	682513	26.985 ng	#	63
50) Dimethylphthalate	9.751	163	71371	2.736 ng	#	1
51) 2,6-Dinitrotoluene	9.751	165	47479	8.086 ng	#	25
57) 2,4-Dinitrotoluene	9.751	165	47480	6.340 ng	#	23
67) 4-Bromophenyl-phenylether	10.539	248	18758	2.557 ng	#	1
77) Benzidine	12.822	184	15396	2.301 ng	#	89

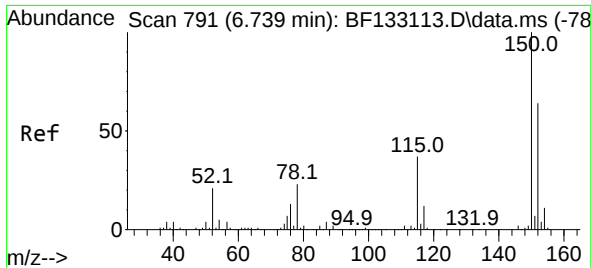
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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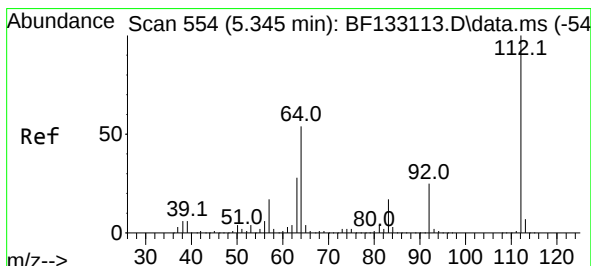
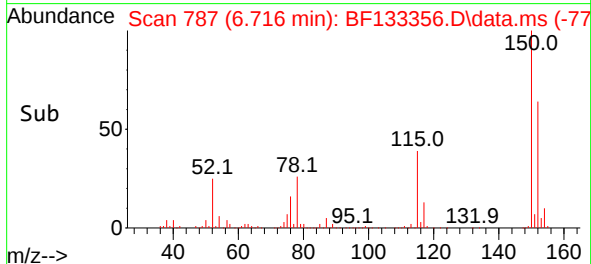
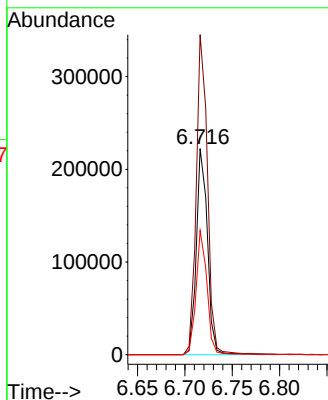
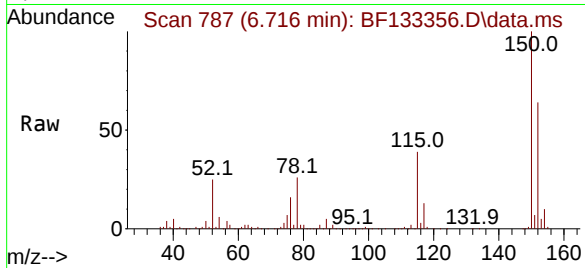




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

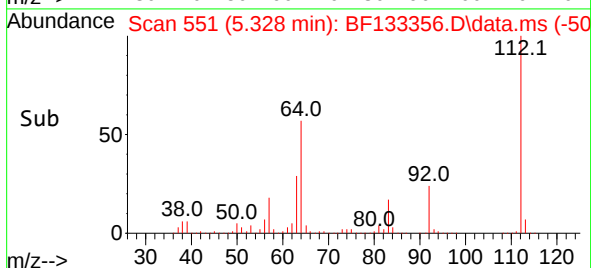
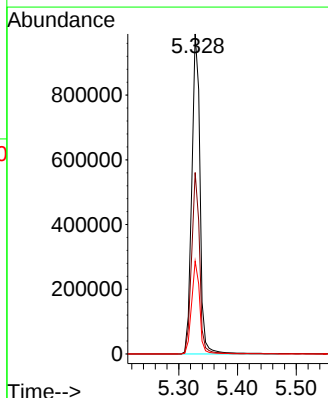
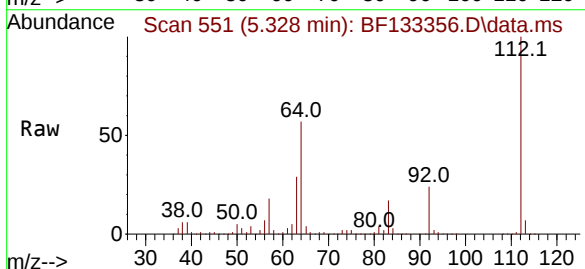
Instrument :
BNA_F
ClientSampleId :
DRUM-B-SLUDGE

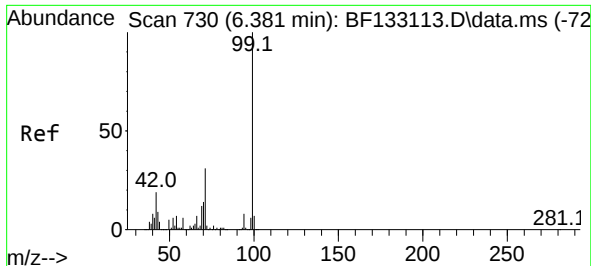
Tgt Ion:152 Resp: 182771
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 60.3 49.9 74.9



#5
2-Fluorophenol
Concen: 79.687 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

Tgt Ion:112 Resp: 964142
Ion Ratio Lower Upper
112 100
64 56.7 46.8 70.2
63 29.0 23.8 35.8

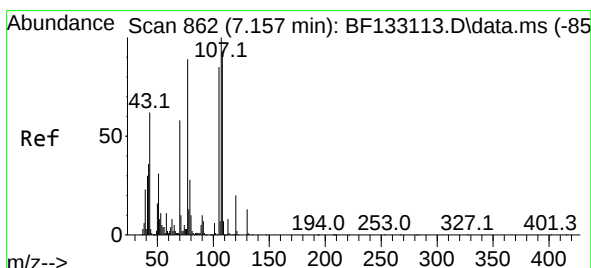
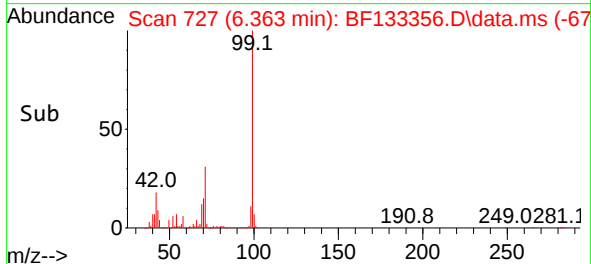
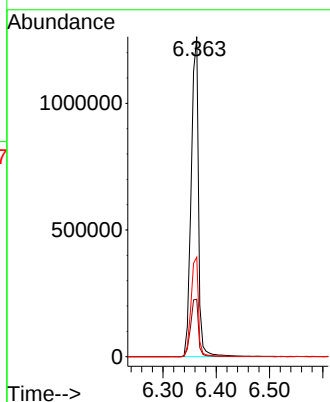
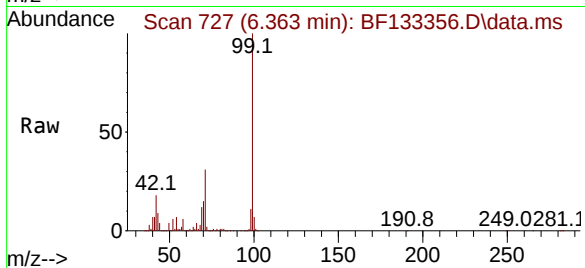




#7
Phenol-d6
Concen: 80.416 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

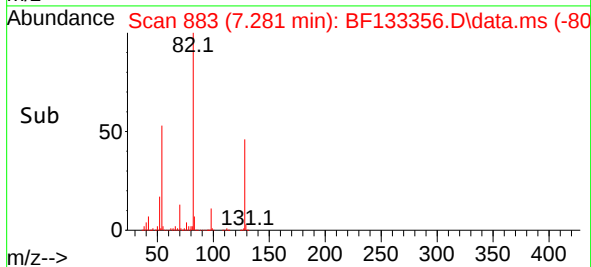
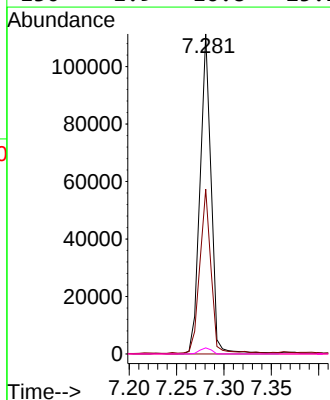
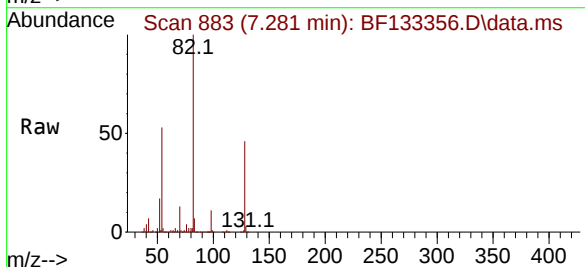
Instrument :
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ClientSampleId :
DRUM-B-SLUDGE

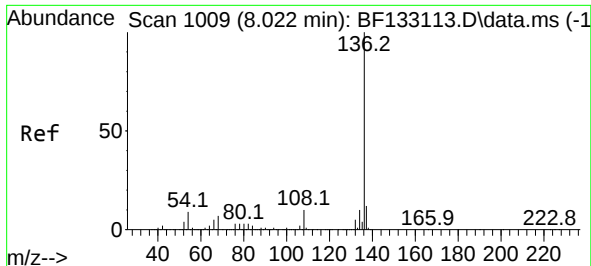
Tgt Ion: 99 Resp: 1207657
Ion Ratio Lower Upper
99 100
42 18.0 16.3 24.5
71 31.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.730 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.136 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

Tgt Ion: 70 Resp: 90970
Ion Ratio Lower Upper
70 100
42 51.5 51.8 77.6#
101 0.0 8.0 12.0#
130 1.9 16.8 25.2#

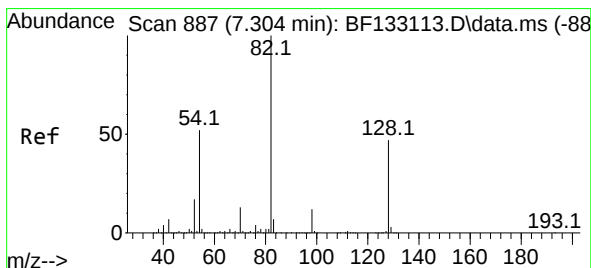
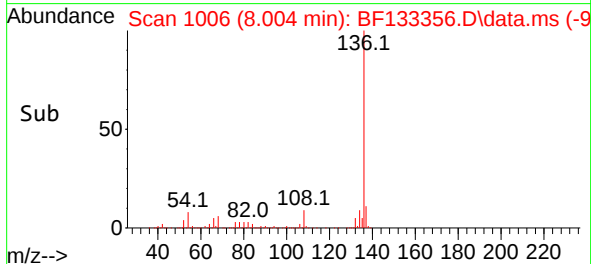
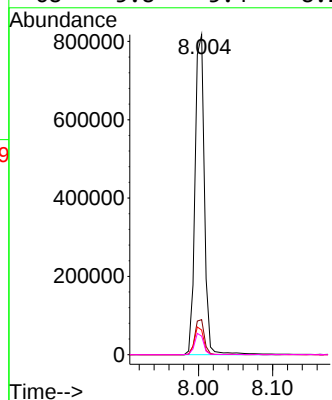
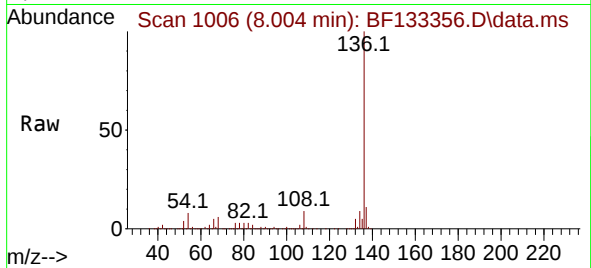




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

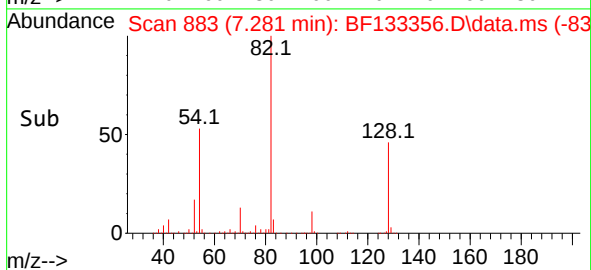
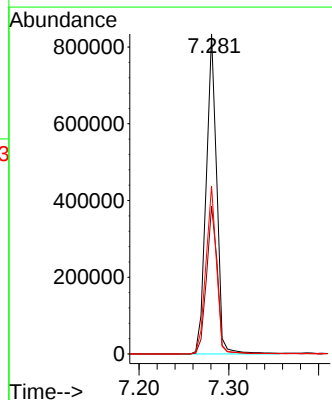
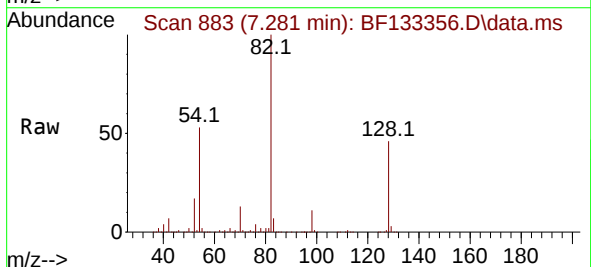
Instrument :
BNA_F
ClientSampleId :
DRUM-B-SLUDGE

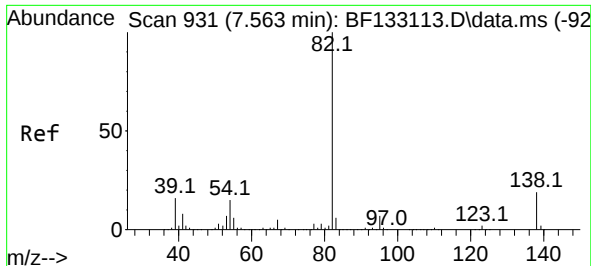
Tgt Ion:	136	Resp:	719044
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.7	7.0	10.4
68	5.8	5.4	8.2



#23
Nitrobenzene-d5
Concen: 51.342 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

Tgt Ion:	82	Resp:	683947
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.7	56.5
54	52.5	43.0	64.4

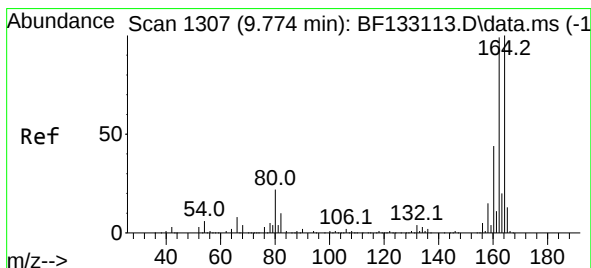
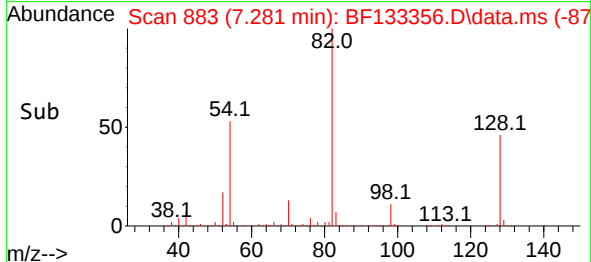
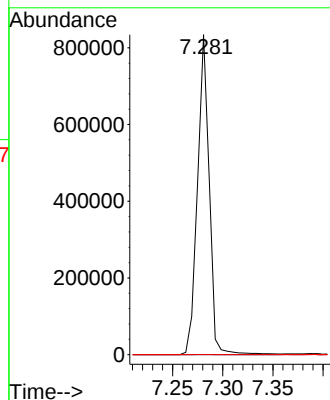
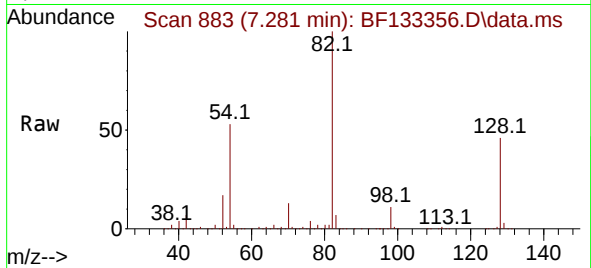




#25
Isophorone
Concen: 26.985 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

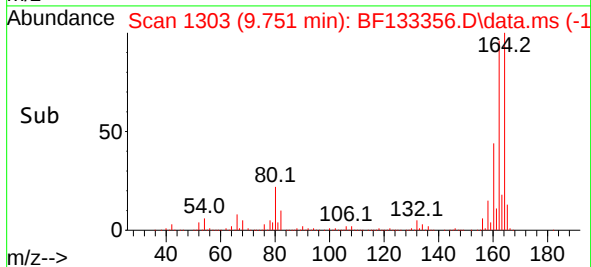
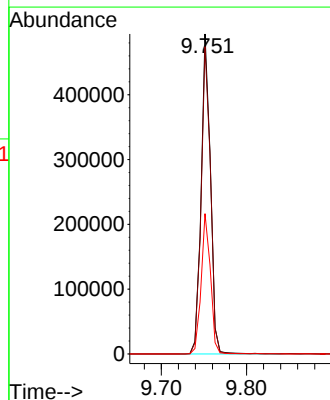
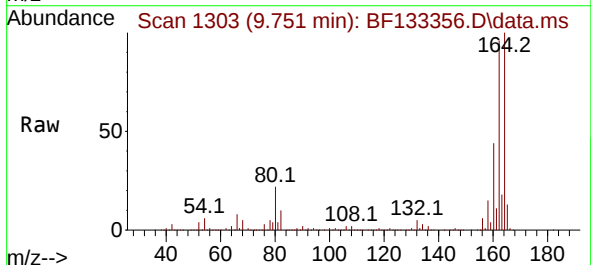
Instrument :
BNA_F
ClientSampleId :
DRUM-B-SLUDGE

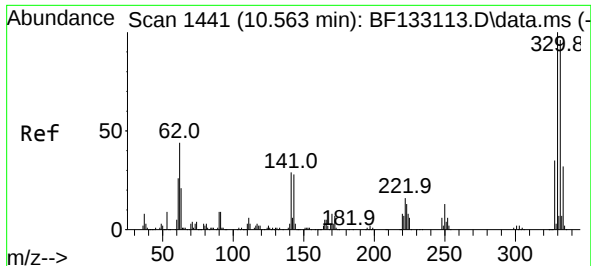
Tgt Ion: 82 Resp: 682513
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

Tgt Ion:164 Resp: 374155
Ion Ratio Lower Upper
164 100
162 96.1 78.7 118.1
160 43.8 35.8 53.6

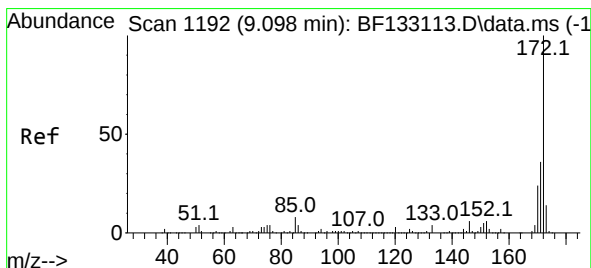
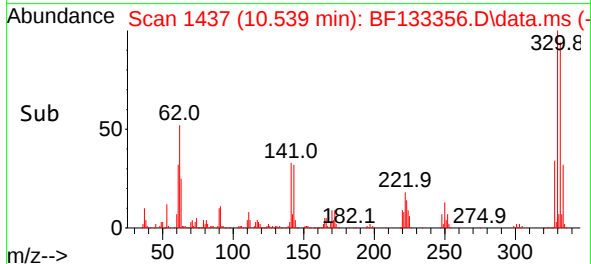
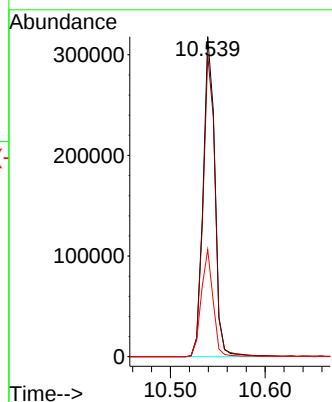
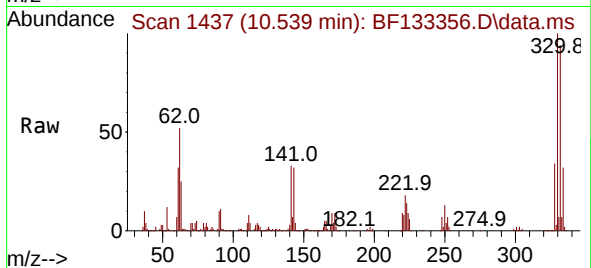




#42
2,4,6-Tribromophenol
Concen: 73.161 ng
RT: 10.539 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

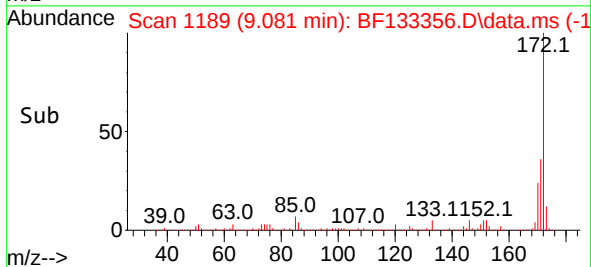
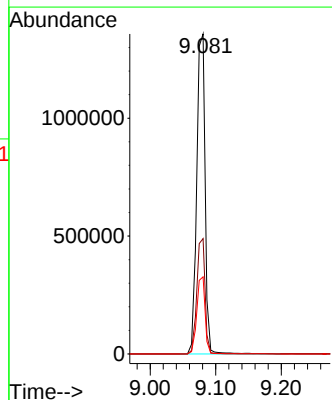
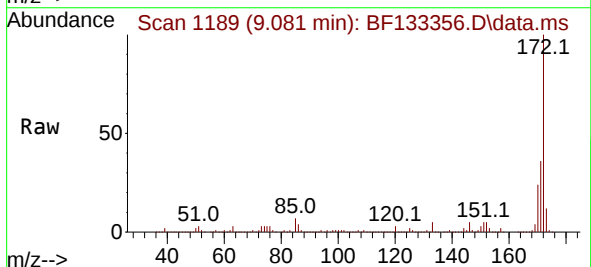
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ClientSampleId :
DRUM-B-SLUDGE

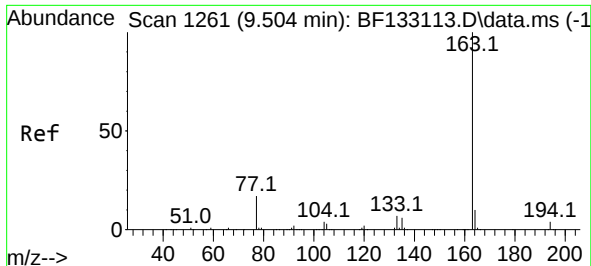
Tgt Ion:330 Resp: 275292
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 34.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 54.313 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

Tgt Ion:172 Resp: 1214674
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.4 29.2

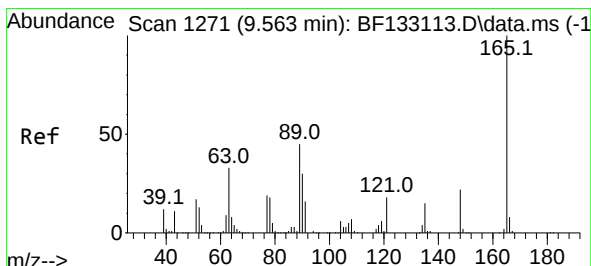
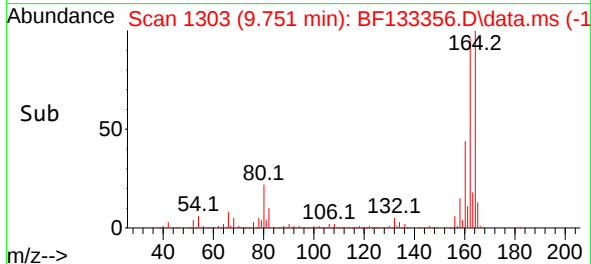
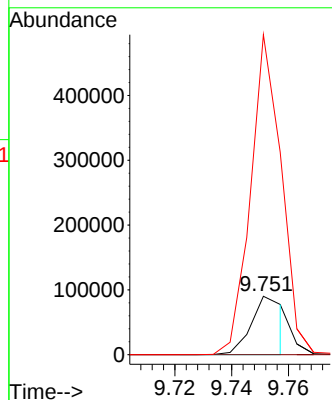
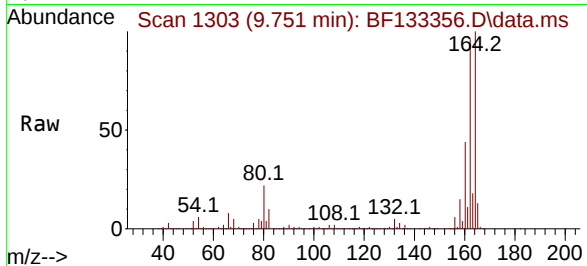




#50
Dimethylphthalate
Concen: 2.736 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

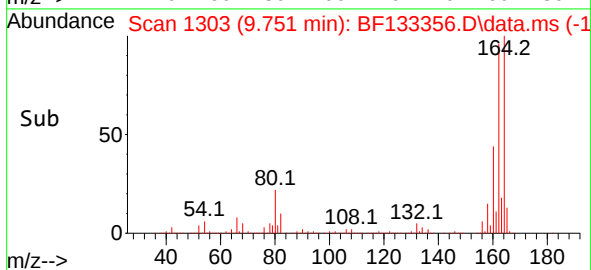
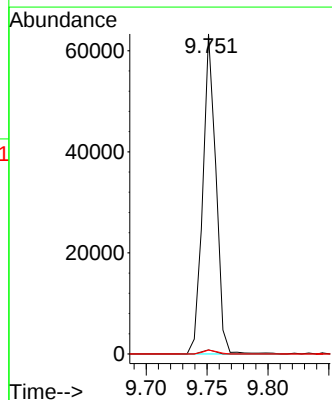
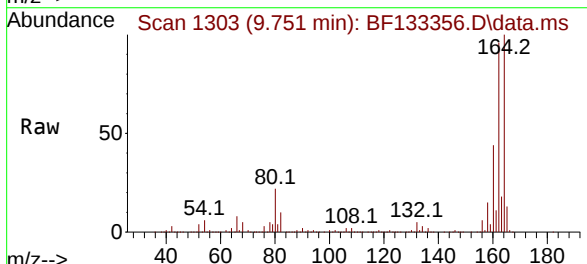
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ClientSampleId :
DRUM-B-SLUDGE

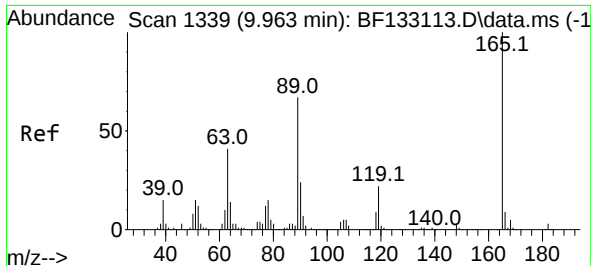
Tgt Ion:163 Resp: 71371
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 548.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.086 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.200 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

Tgt Ion:165 Resp: 47479
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.2 44.0 66.0#

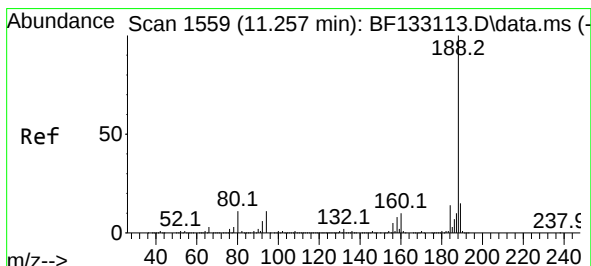
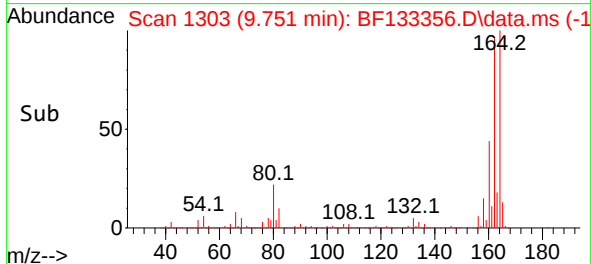
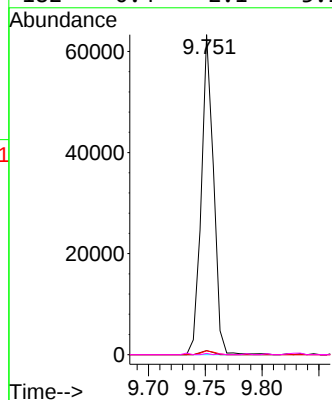
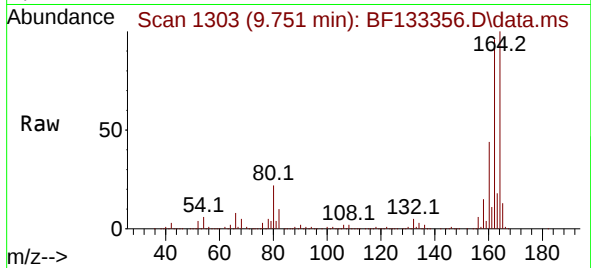




#57
2,4-Dinitrotoluene
Concen: 6.340 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

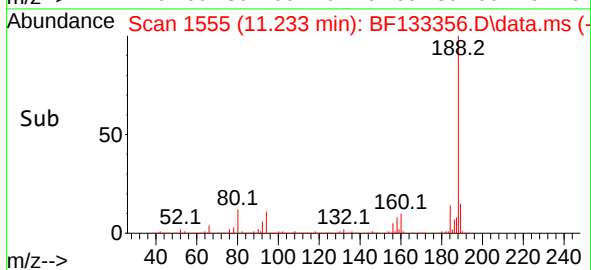
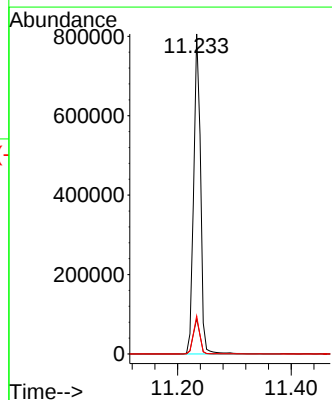
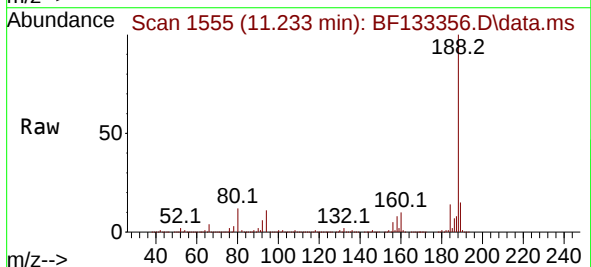
Instrument :
BNA_F
ClientSampleId :
DRUM-B-SLUDGE

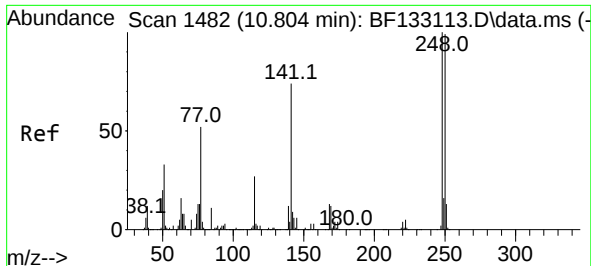
Tgt Ion:165 Resp: 47480
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.2 57.0 85.4#
182 0.4 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

Tgt Ion:188 Resp: 676417
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 11.9 10.4 15.6

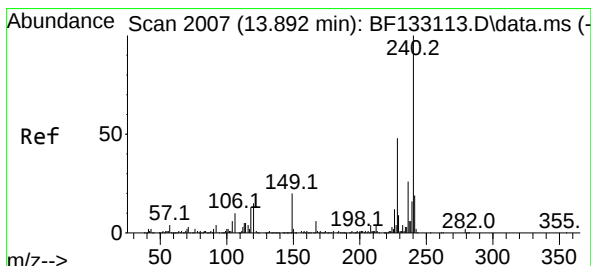
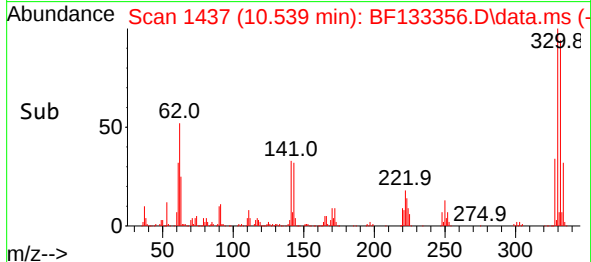
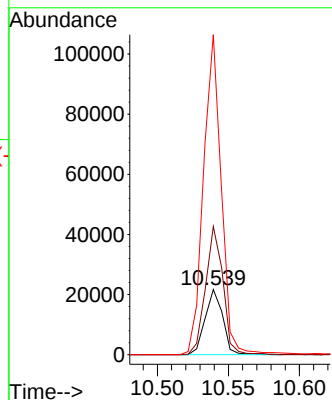
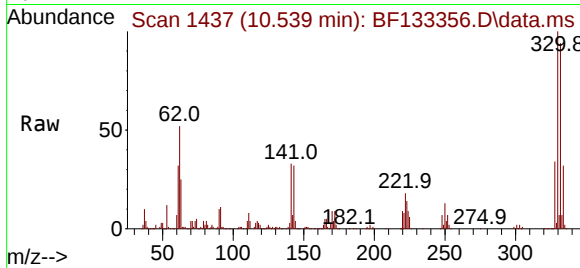




#67
4-Bromophenyl-phenylether
Concen: 2.557 ng
RT: 10.539 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

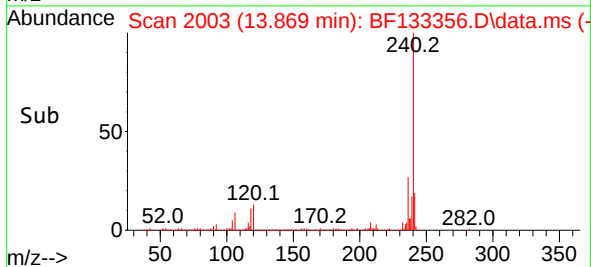
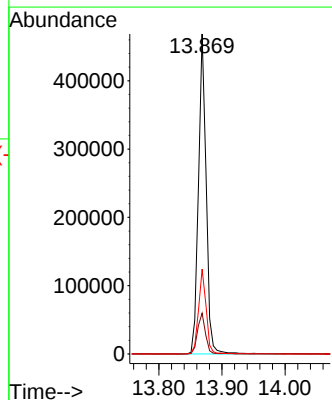
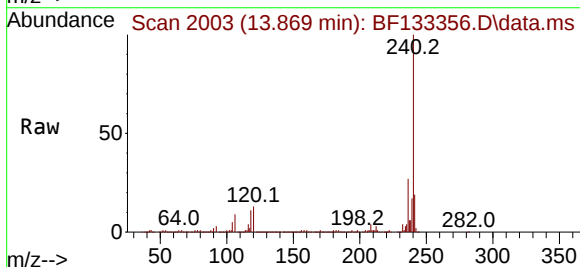
Instrument :
BNA_F
ClientSampleId :
DRUM-B-SLUDGE

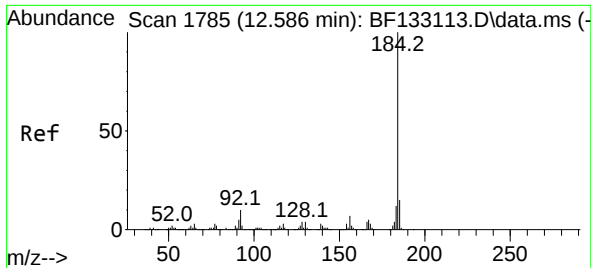
Tgt Ion:248 Resp: 18758
Ion Ratio Lower Upper
248 100
250 197.0 78.7 118.1#
141 491.6 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

Tgt Ion:240 Resp: 395723
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 26.5 21.5 32.3

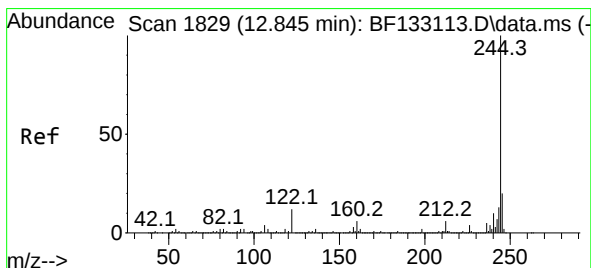
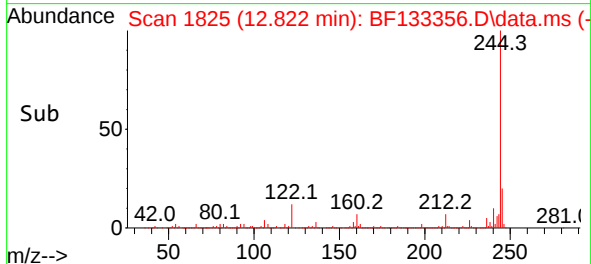
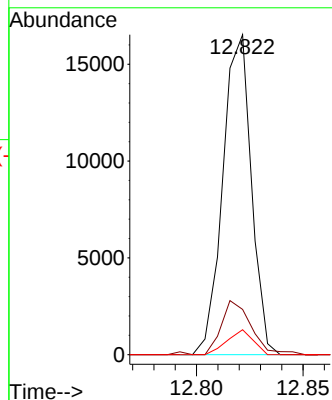
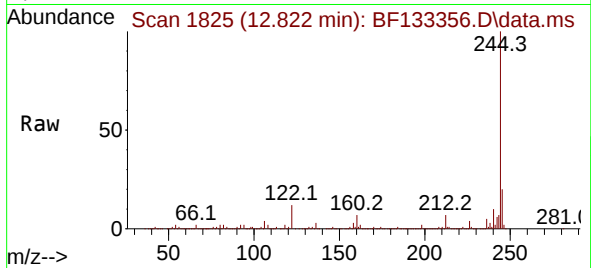




#77
Benzidine
Concen: 2.301 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

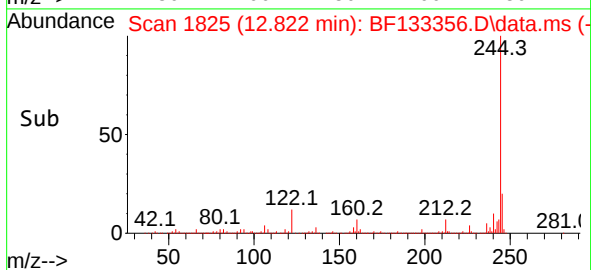
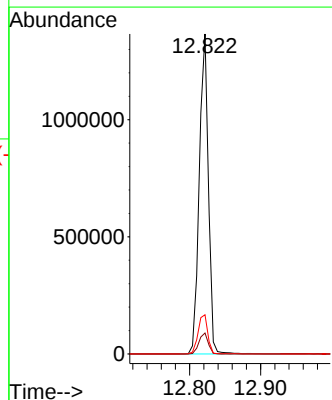
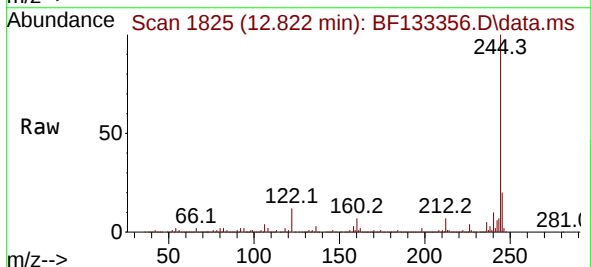
Instrument :
BNA_F
ClientSampleId :
DRUM-B-SLUDGE

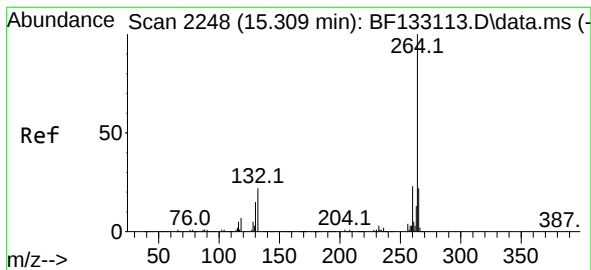
Tgt Ion:184 Resp: 15396
Ion Ratio Lower Upper
184 100
185 14.2 15.4 23.2#
183 7.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 53.192 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

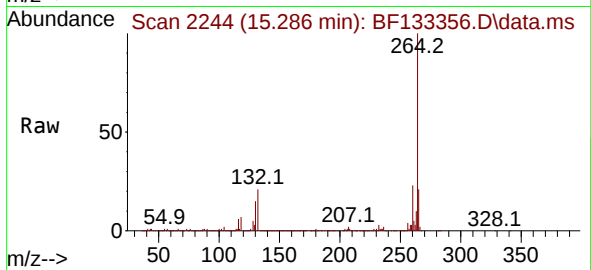
Tgt Ion:244 Resp: 1220493
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.3 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133356.D
Acq: 11 May 2023 16:00

Instrument :
BNA_F
ClientSampleId :
DRUM-B-SLUDGE



Tgt Ion:264 Resp: 428102
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 20.5 17.0 25.4

