

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130170.D
 Acq On : 07 Sep 2022 19:32
 Operator : CG\JU
 Sample : N4502-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-DRUM-1-4-COMP

Quant Time: Sep 08 02:53:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

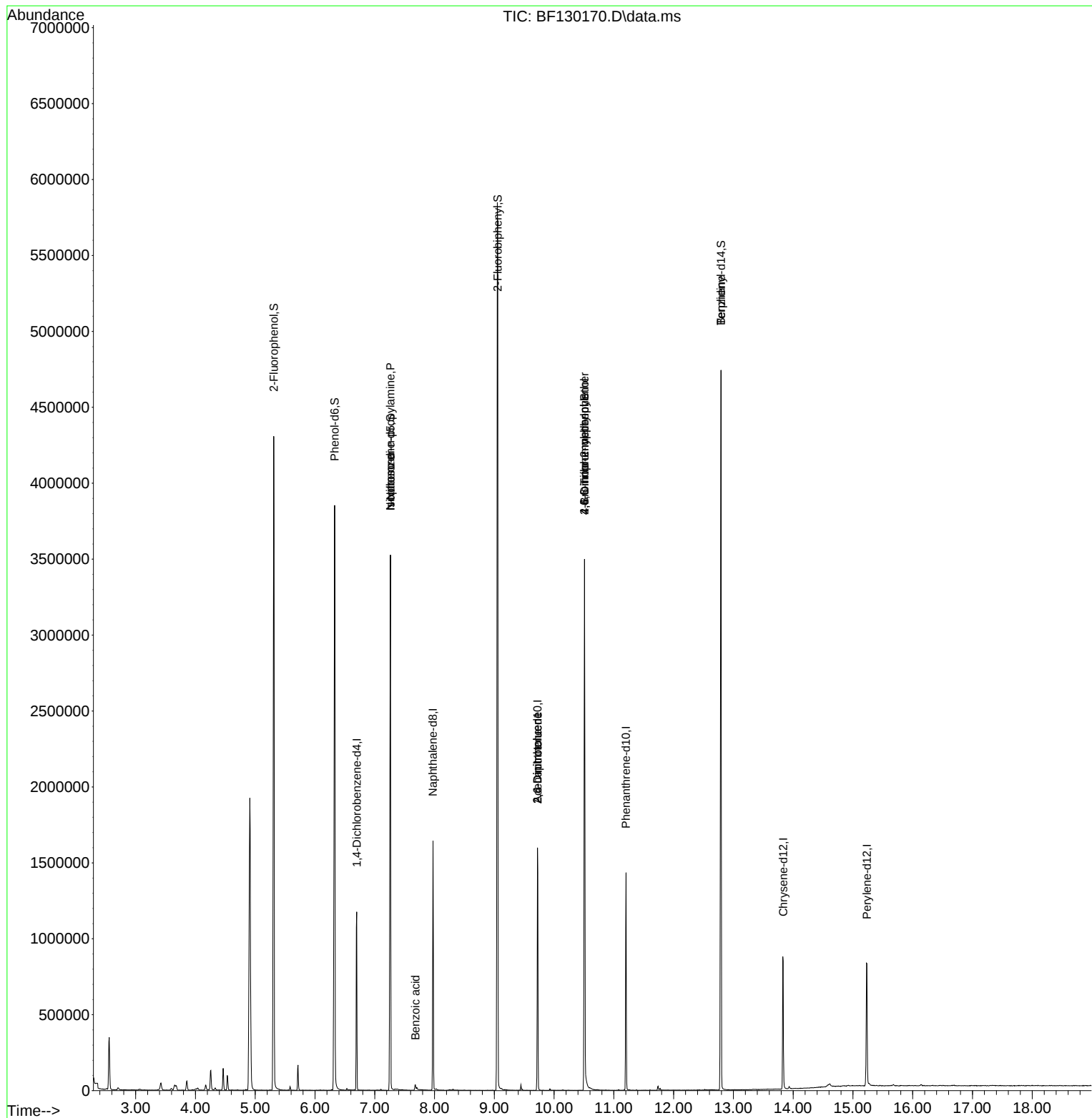
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	172808	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	681843	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	339214	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	468862	20.000	ng	0.00
76) Chrysene-d12	13.833	240	303678	20.000	ng	-0.01
86) Perylene-d12	15.233	264	356859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1473510	144.757	ng	0.01
7) Phenol-d6	6.328	99	1676264	132.087	ng	0.00
23) Nitrobenzene-d5	7.263	82	1169987	110.275	ng	0.00
42) 2,4,6-Tribromophenol	10.510	330	432673	140.124	ng	-0.01
45) 2-Fluorobiphenyl	9.057	172	2053269	100.356	ng	0.00
79) Terphenyl-d14	12.792	244	1554333	88.759	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	153086	20.023	ng	# 72
25) Isophorone	7.263	82	1166517	54.322	ng	# 65
32) Benzoic acid	7.681	122	12922	8.088	ng	96
51) 2,6-Dinitrotoluene	9.722	165	41948	9.312	ng	# 23
57) 2,4-Dinitrotoluene	9.722	165	41948	8.088	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.510	198	1098	6.515	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	25539	4.897	ng	# 1
77) Benzidine	12.792	184	21902	2.671	ng	# 90

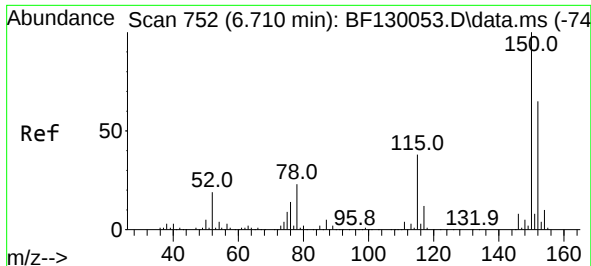
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SLUDGE-DRUM-1-4-COMP

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QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

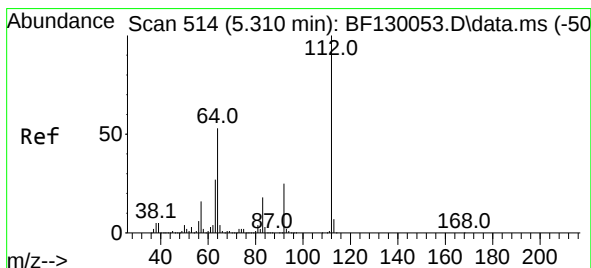
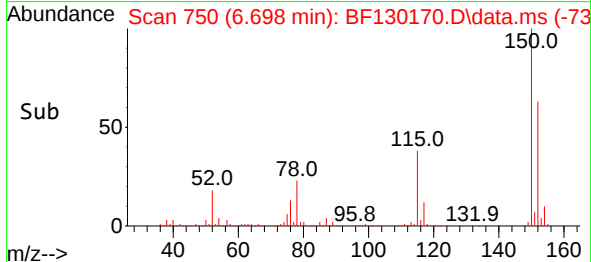
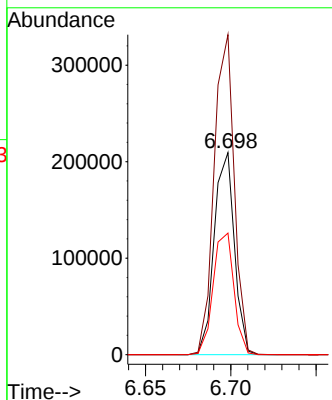
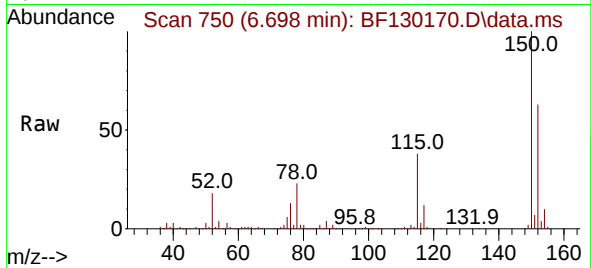




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130170.D
 Acq: 07 Sep 2022 19:32

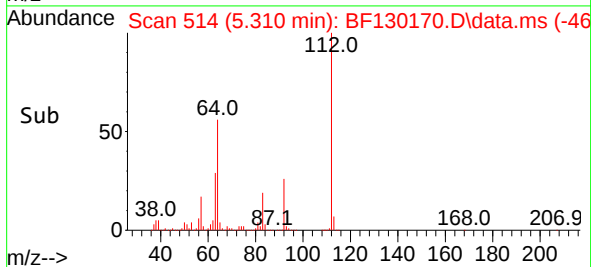
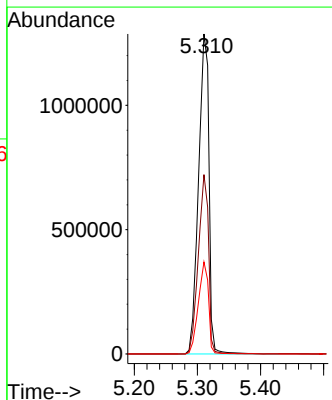
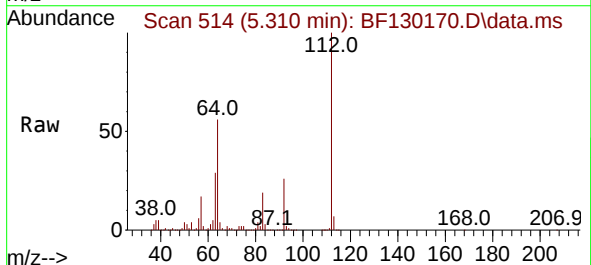
Instrument :
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 ClientSampleId :
 SLUDGE-DRUM-1-4-COMP

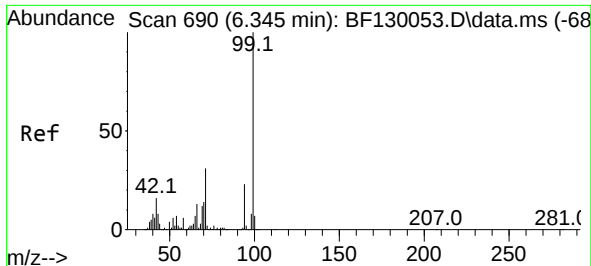
Tgt Ion:152 Resp: 172808
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.9 190.3
 115 60.2 53.4 80.0



#5
 2-Fluorophenol
 Concen: 144.757 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: BF130170.D
 Acq: 07 Sep 2022 19:32

Tgt Ion:112 Resp: 1473510
 Ion Ratio Lower Upper
 112 100
 64 56.0 47.6 71.4
 63 28.7 24.6 37.0

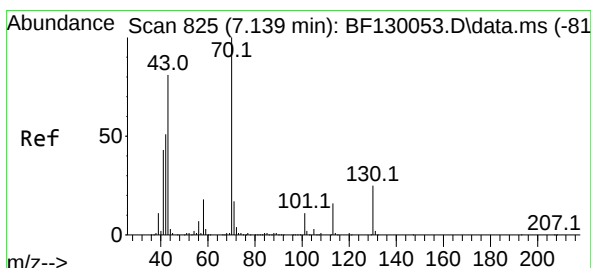
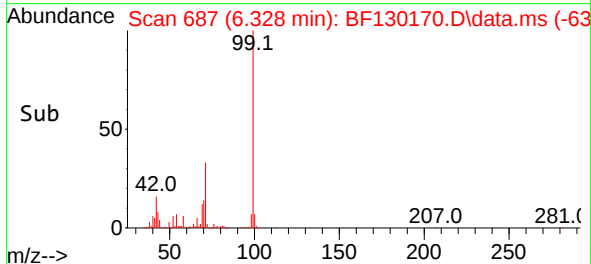
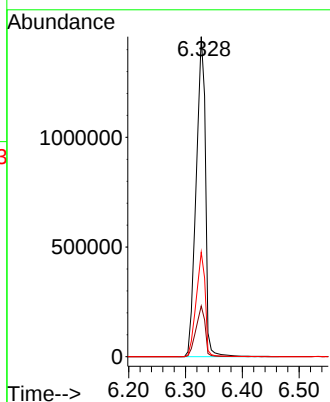
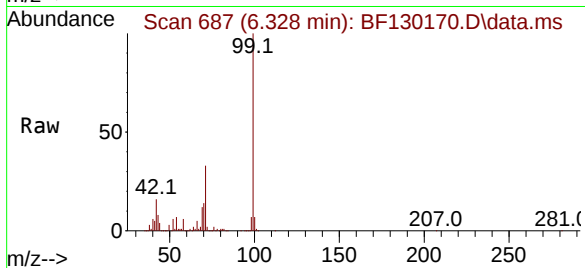




#7
Phenol-d6
Concen: 132.087 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

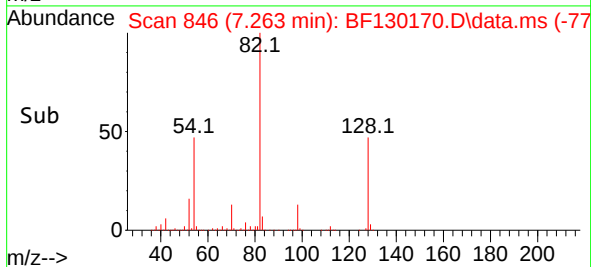
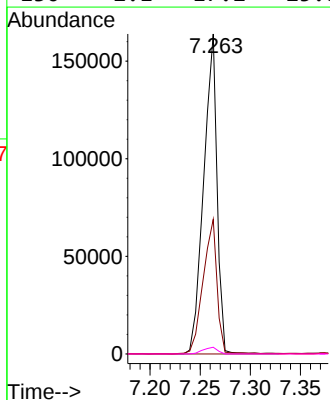
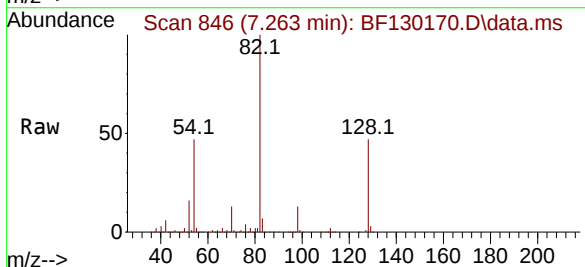
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM-1-4-COMP

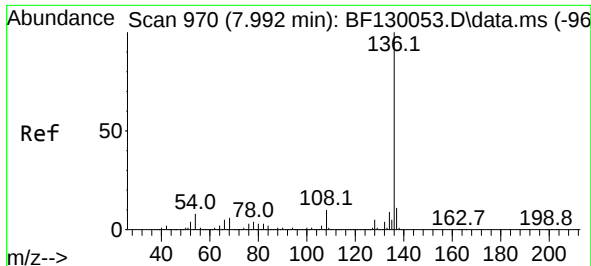
Tgt Ion: 99 Resp: 1676264
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.4
71 32.7 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.023 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

Tgt Ion: 70 Resp: 153086
Ion Ratio Lower Upper
70 100
42 42.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#

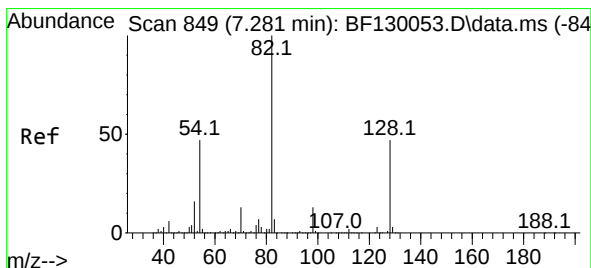
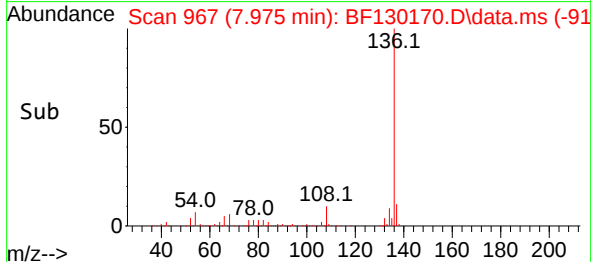
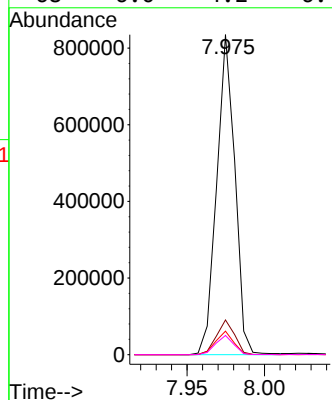
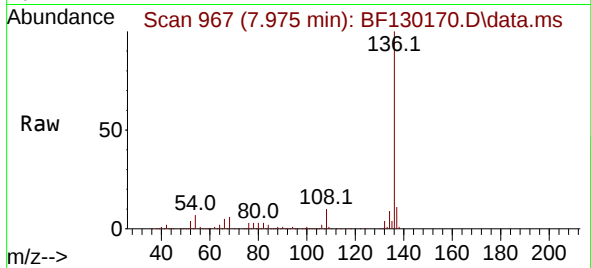




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

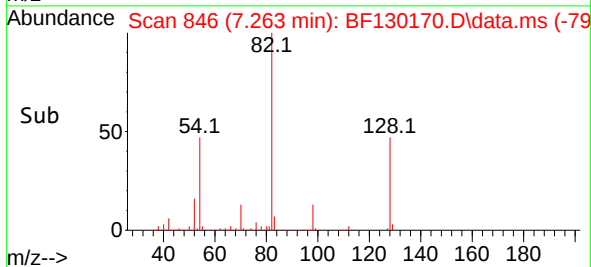
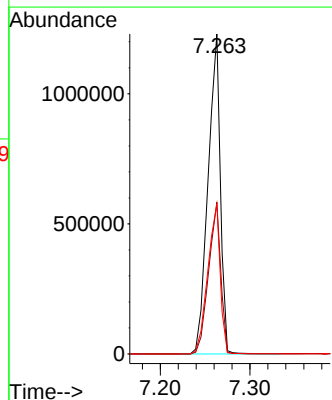
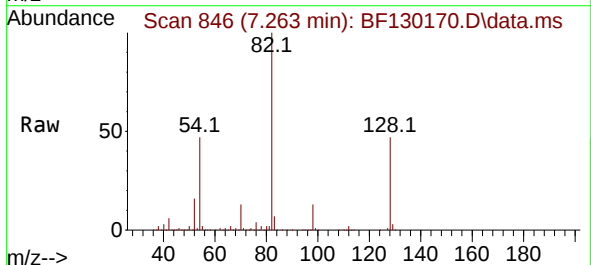
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM-1-4-COMP

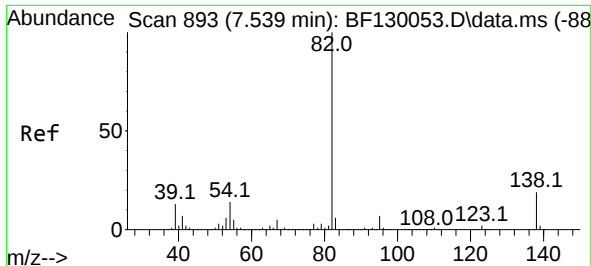
Tgt Ion:136 Resp: 681843
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.4 6.2 9.2
68 6.0 4.2 6.4



#23
Nitrobenzene-d5
Concen: 110.275 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

Tgt Ion: 82 Resp: 1169987
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 46.9 40.0 60.0

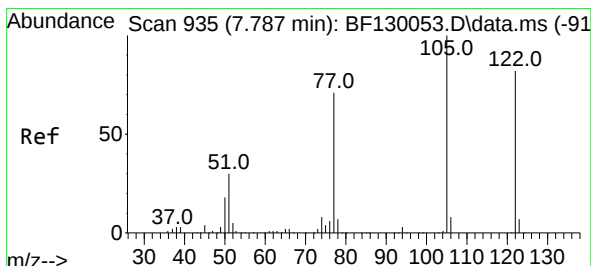
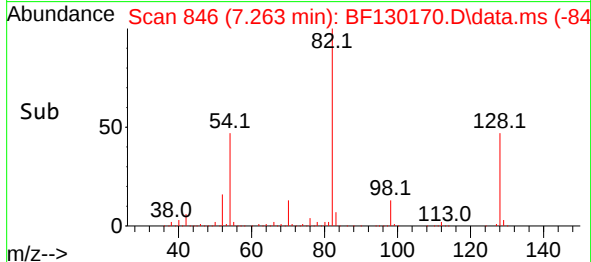
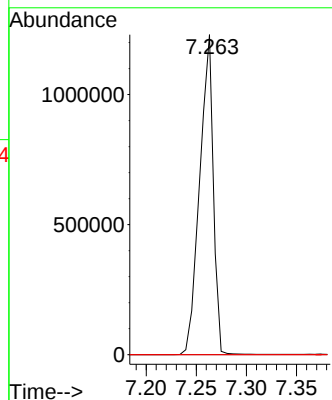
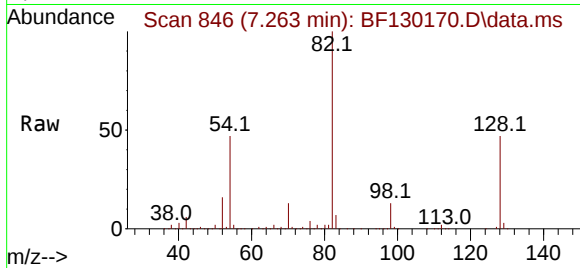




#25
Isophorone
Concen: 54.322 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

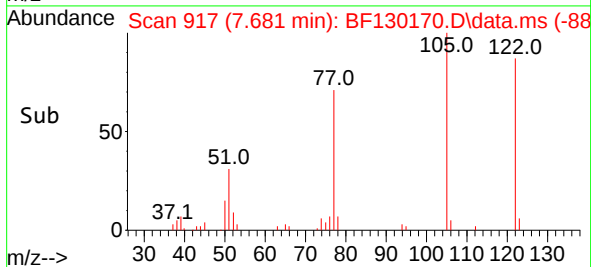
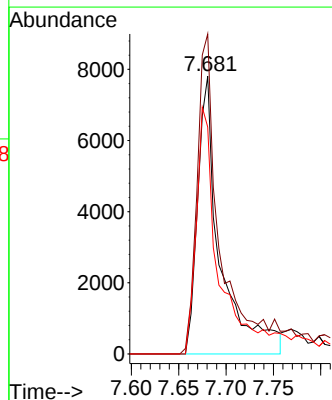
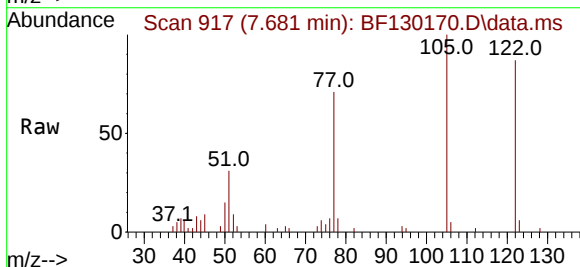
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM-1-4-COMP

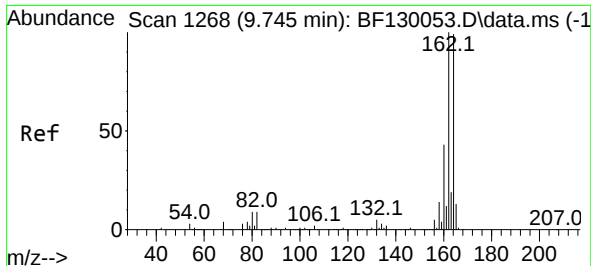
Tgt Ion: 82 Resp: 1166517
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 8.088 ng
RT: 7.681 min Scan# 917
Delta R.T. -0.088 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

Tgt Ion: 122 Resp: 12922
Ion Ratio Lower Upper
122 100
105 115.2 99.9 139.9
77 81.7 65.9 105.9

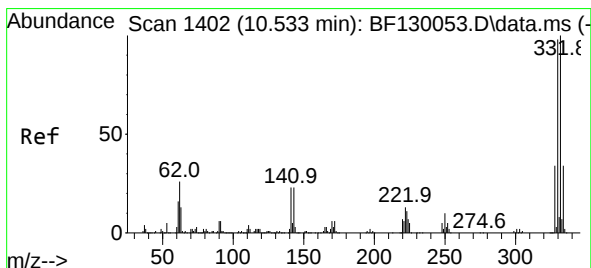
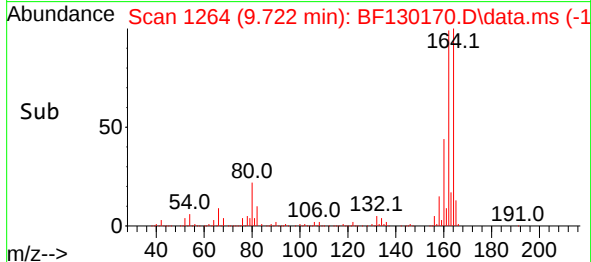
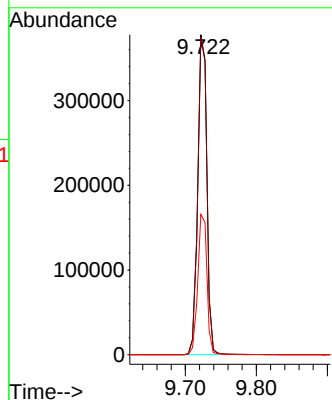
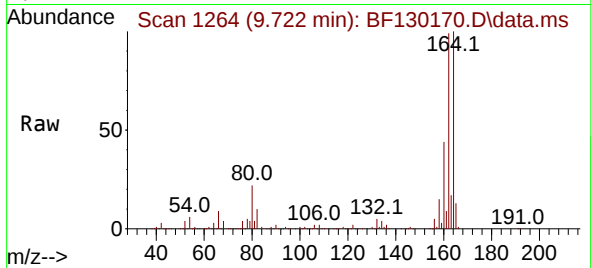




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

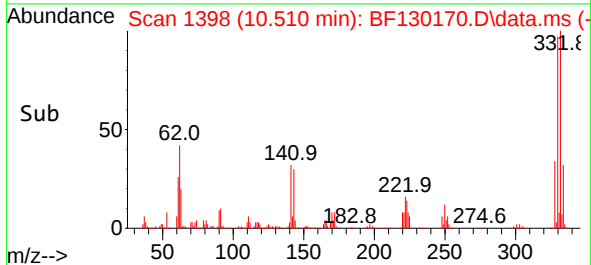
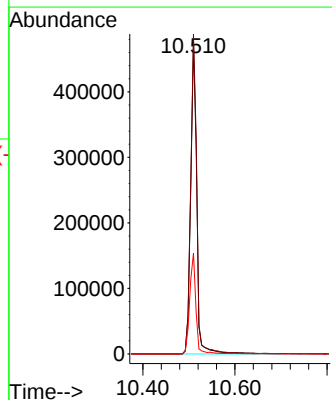
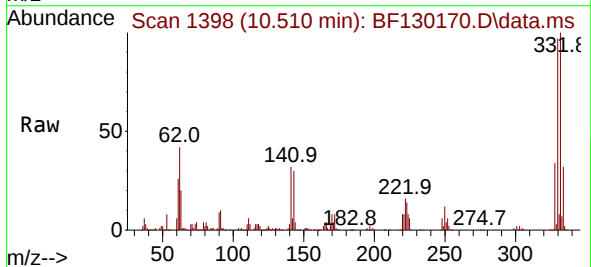
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM-1-4-COMP

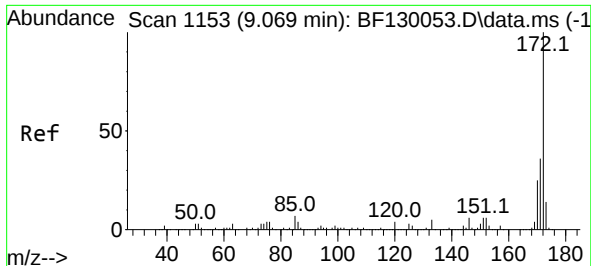
Tgt Ion:164 Resp: 339214
Ion Ratio Lower Upper
164 100
162 99.2 82.0 123.0
160 43.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 140.124 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

Tgt Ion:330 Resp: 432673
Ion Ratio Lower Upper
330 100
332 103.5 82.6 124.0
141 33.3 27.6 41.4

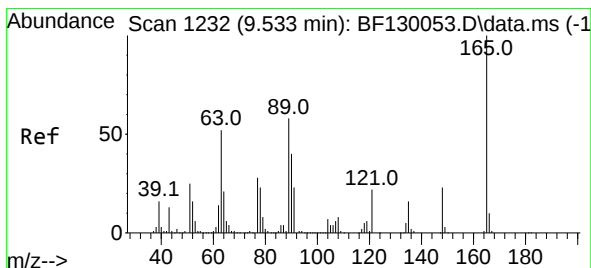
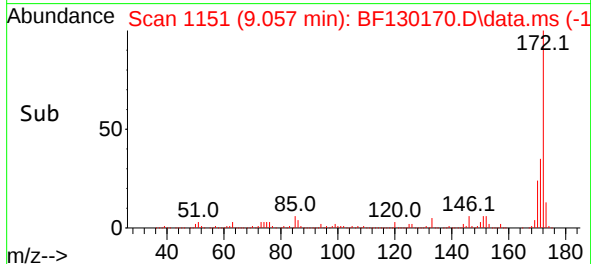
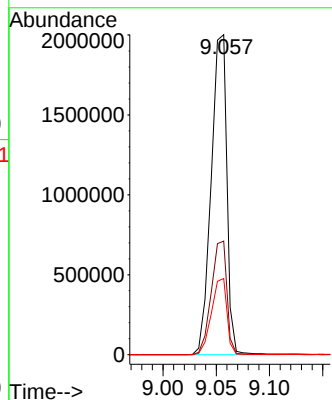
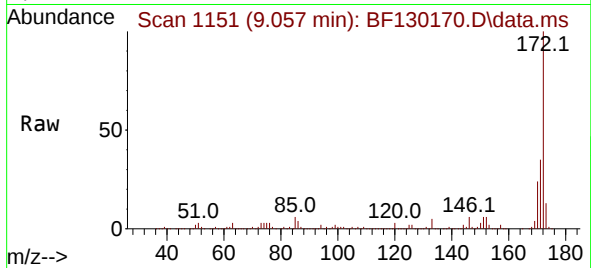




#45
2-Fluorobiphenyl
Concen: 100.356 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

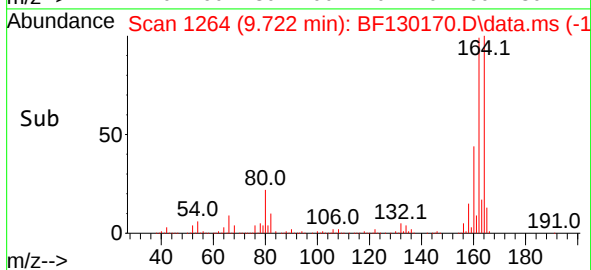
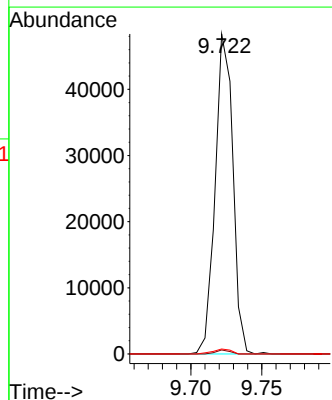
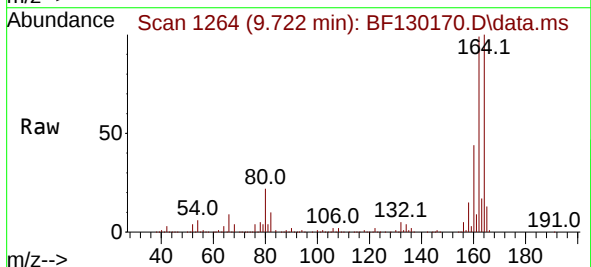
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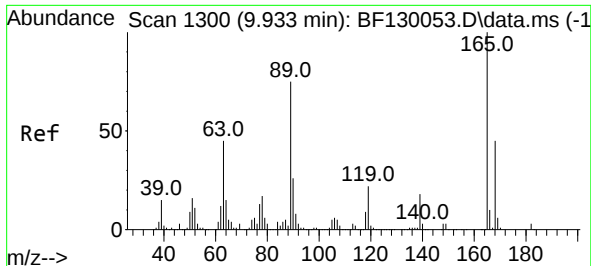
Tgt Ion:172 Resp: 2053269
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 9.312 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.194 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

Tgt Ion:165 Resp: 41948
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.6 47.2 70.8#

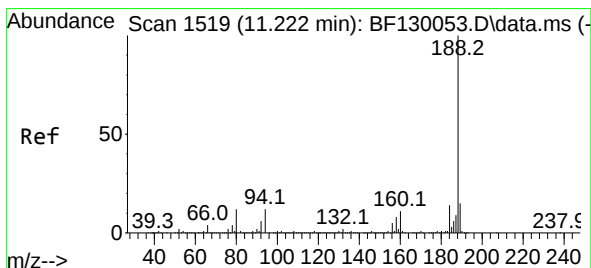
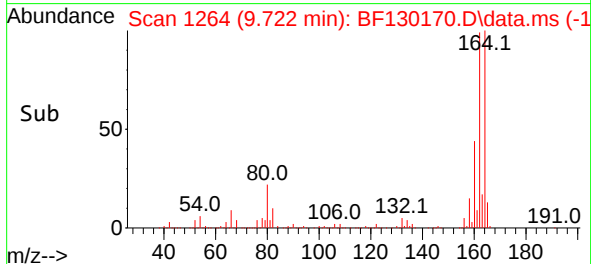
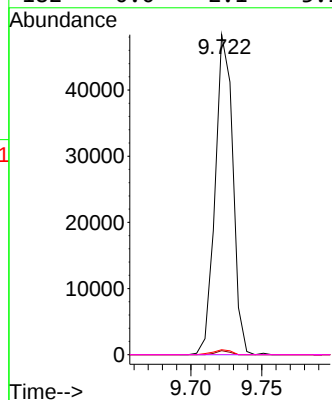
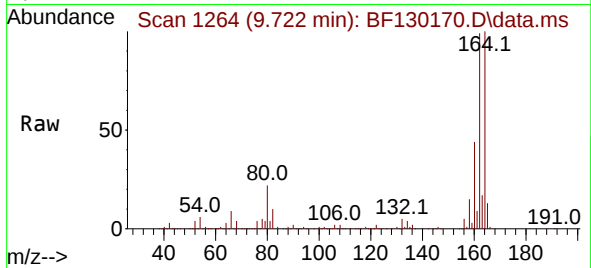




#57
2,4-Dinitrotoluene
Concen: 8.088 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

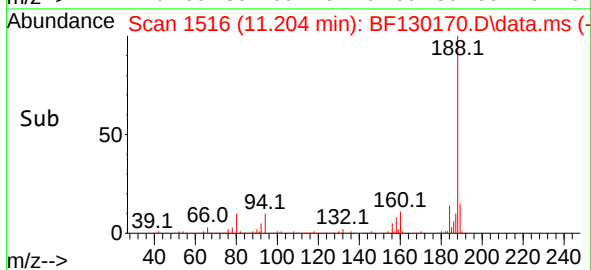
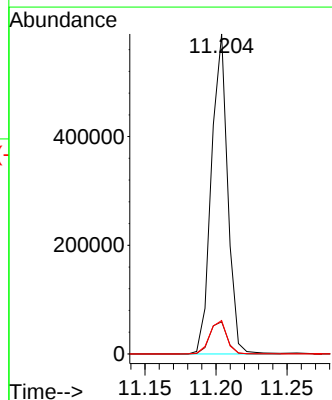
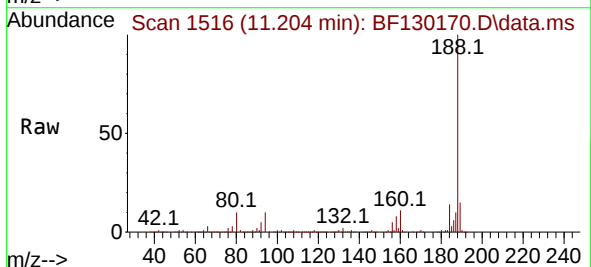
Instrument :
BNA_F
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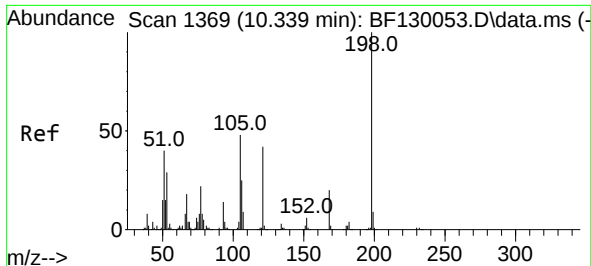
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Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.6 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

Tgt Ion:188 Resp: 468862
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.5 7.9 11.9

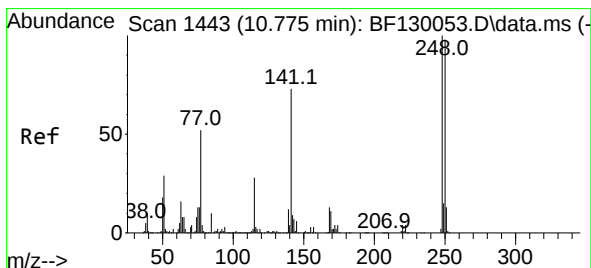
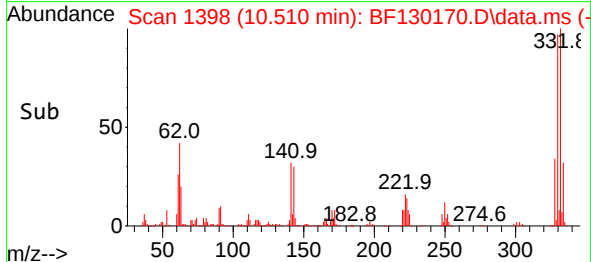
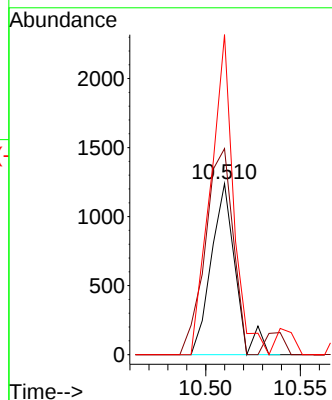
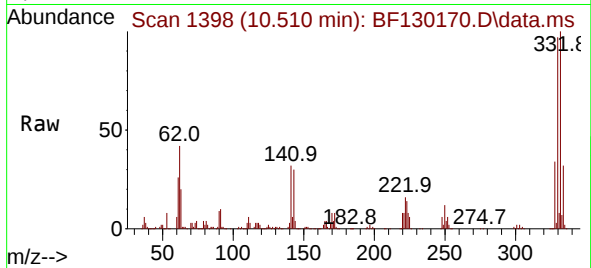




#65
4,6-Dinitro-2-methylphenol
Concen: 6.515 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.182 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

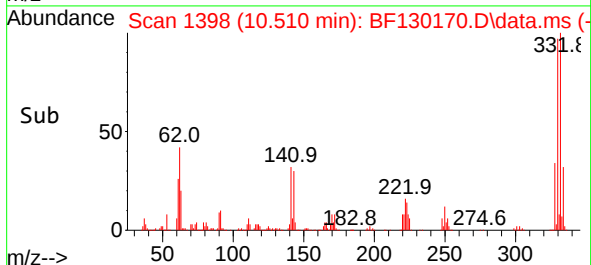
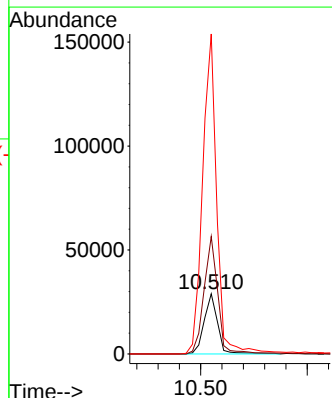
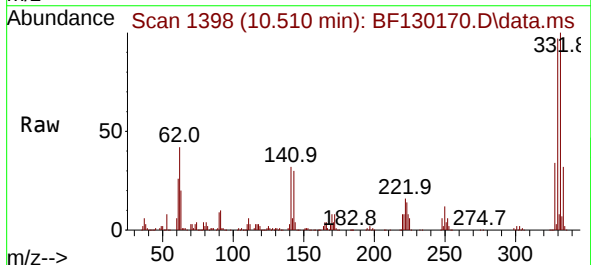
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM-1-4-COMP

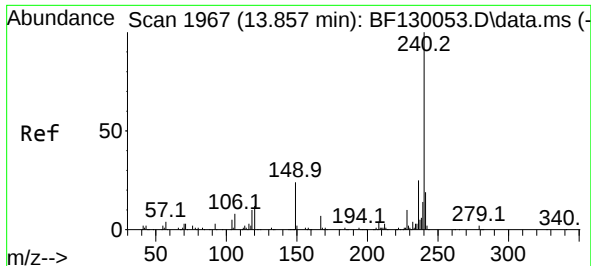
Tgt Ion:198 Resp: 1098
Ion Ratio Lower Upper
198 100
51 120.5 29.4 69.4#
105 187.1 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.897 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.253 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

Tgt Ion:248 Resp: 25539
Ion Ratio Lower Upper
248 100
250 195.1 77.8 116.6#
141 531.8 66.2 99.2#

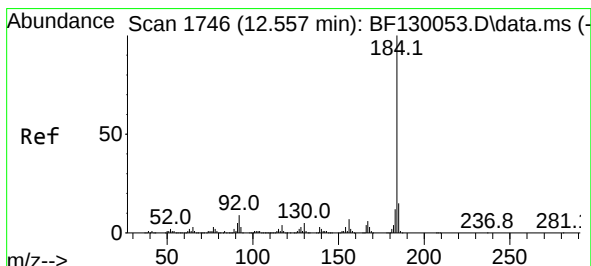
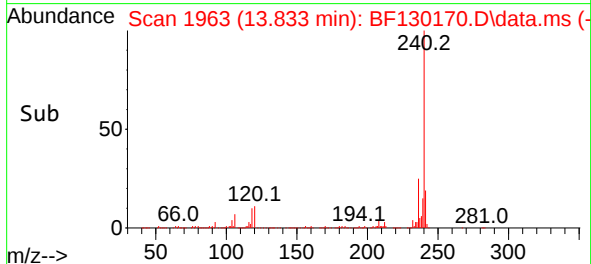
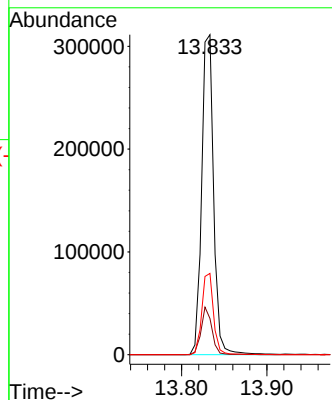
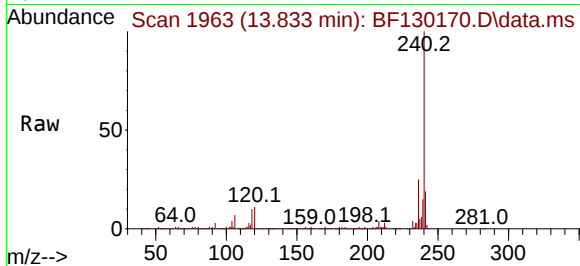




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

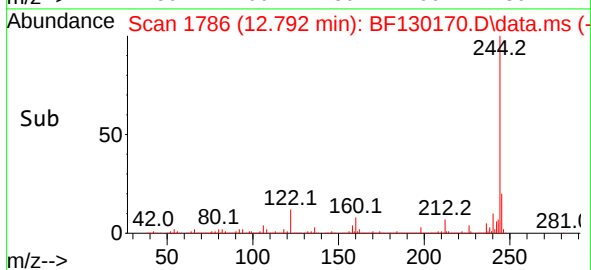
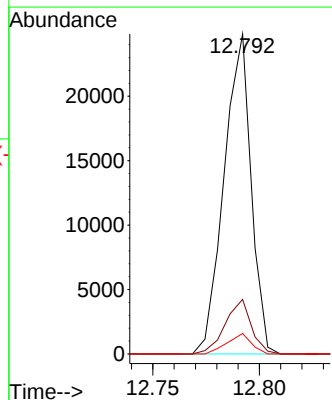
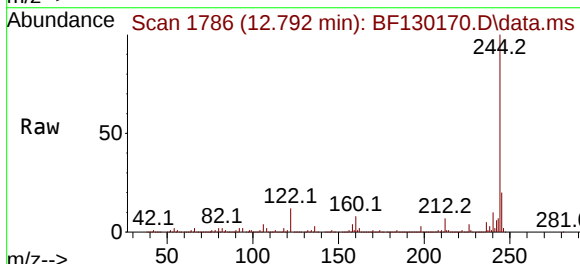
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM-1-4-COMP

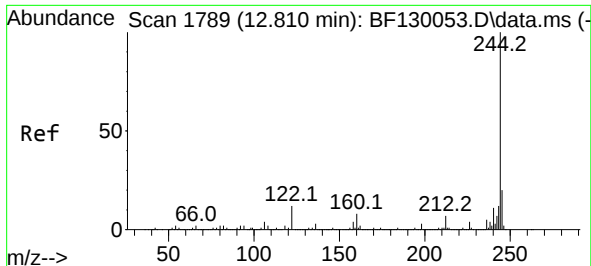
Tgt Ion:240 Resp: 303678
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.4 20.7 31.1



#77
Benzidine
Concen: 2.671 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF130170.D
Acq: 07 Sep 2022 19:32

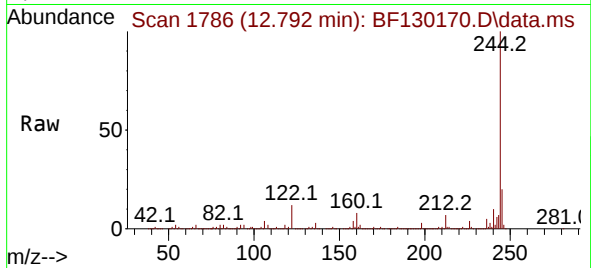
Tgt Ion:184 Resp: 21902
Ion Ratio Lower Upper
184 100
185 17.0 11.4 17.2
183 6.4 9.4 14.2#





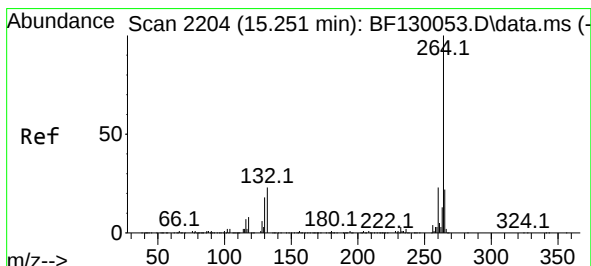
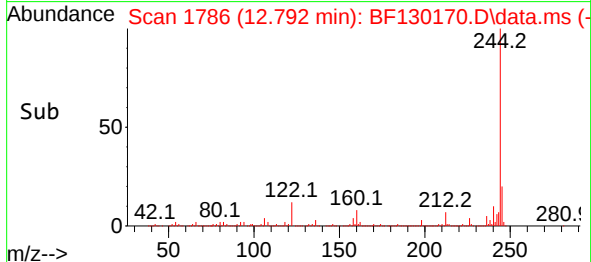
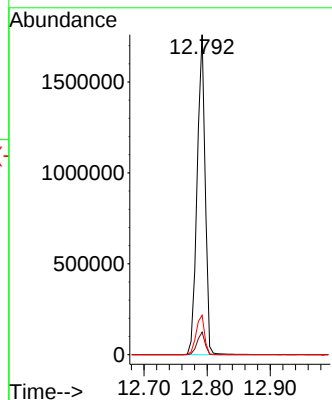
#79
 Terphenyl-d14
 Concen: 88.759 ng
 RT: 12.792 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130170.D
 Acq: 07 Sep 2022 19:32

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-DRUM-1-4-COMP



Tgt Ion:244 Resp: 1554333

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.3	9.9	14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130170.D
 Acq: 07 Sep 2022 19:32

Tgt Ion:264 Resp: 356859

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	21.0	16.7	25.1

