

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133355.D
 Acq On : 11 May 2023 15:28
 Operator : CG\JU
 Sample : 02743-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-SLUDGE

Quant Time: May 11 16:21:43 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)

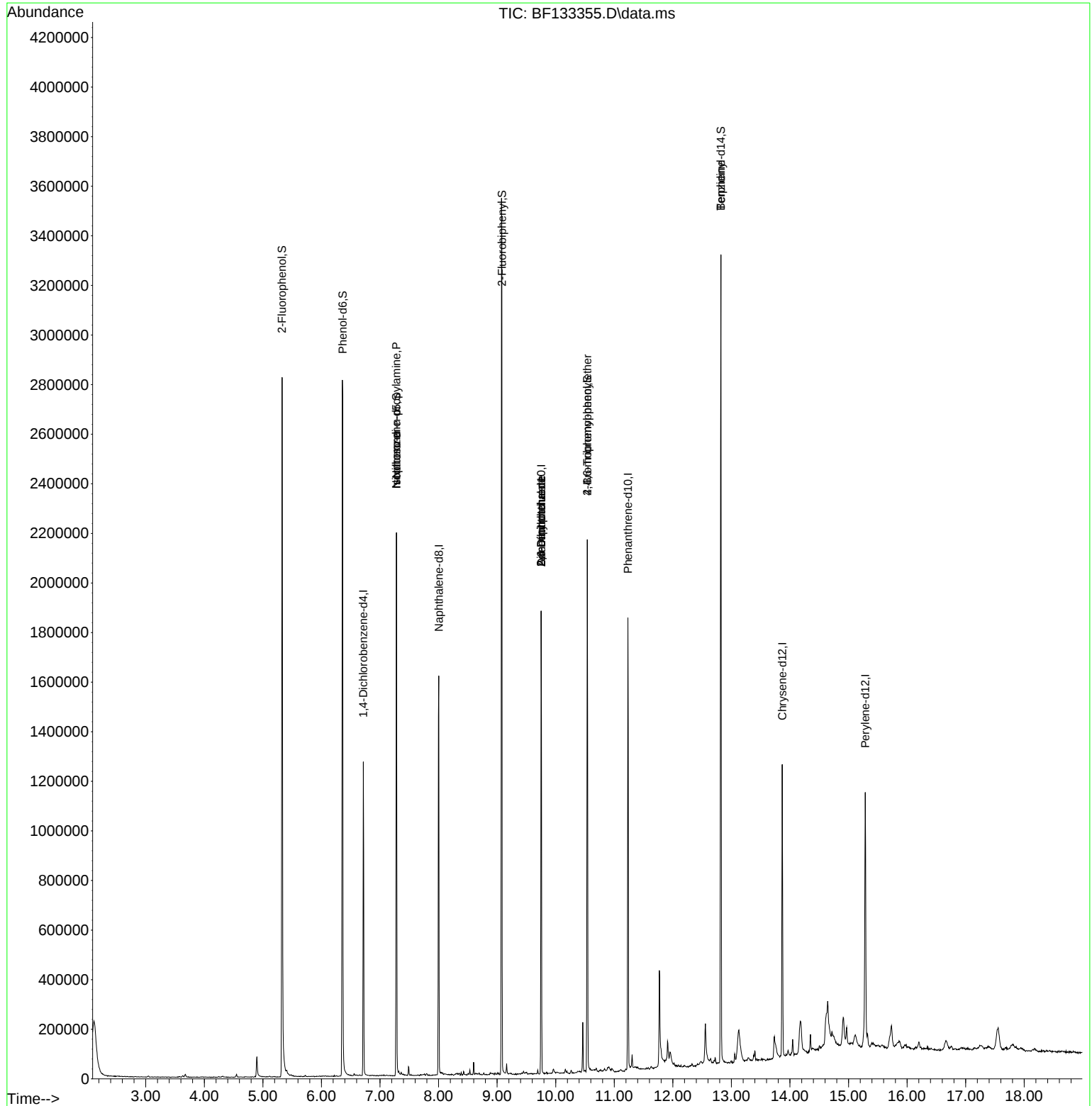
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	172090	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	680333	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	346325	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	625370	20.000	ng	-0.01
76) Chrysene-d12	13.868	240	370716	20.000	ng	-0.01
86) Perylene-d12	15.286	264	409789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	841678	73.883	ng	0.00
7) Phenol-d6	6.363	99	1013751	71.694	ng	0.00
23) Nitrobenzene-d5	7.281	82	597911	47.438	ng	-0.01
42) 2,4,6-Tribromophenol	10.539	330	238263	68.408	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	1073220	51.844	ng	0.00
79) Terphenyl-d14	12.821	244	1060467	49.336	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.263	77	152	Below Cal		96
19) n-Nitroso-di-n-propyla...	7.281	70	79599	9.042 ng	#	76
25) Isophorone	7.281	82	597837	24.982 ng	#	62
50) Dimethylphthalate	9.751	163	65935	2.730 ng	#	1
51) 2,6-Dinitrotoluene	9.751	165	45422	8.357 ng	#	25
57) 2,4-Dinitrotoluene	9.751	165	45422	6.553 ng	#	23
67) 4-Bromophenyl-phenylether	10.539	248	14986	2.210 ng	#	1
77) Benzidine	12.821	184	13189	2.104 ng	#	97

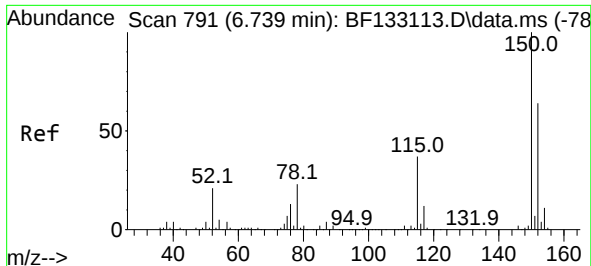
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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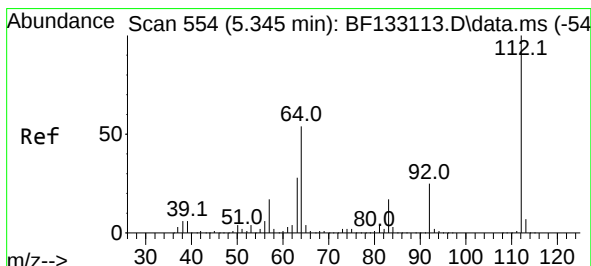
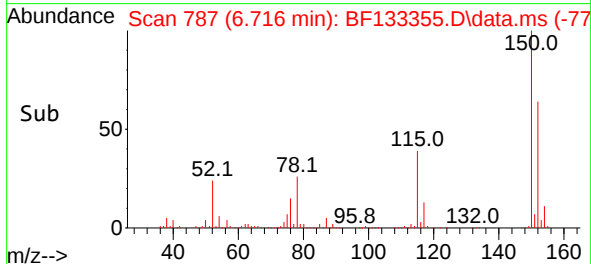
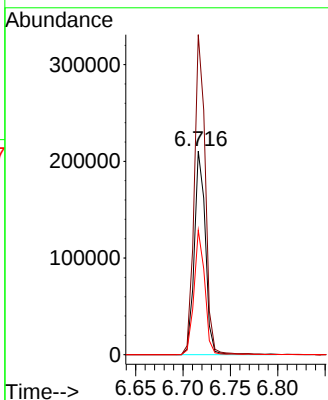
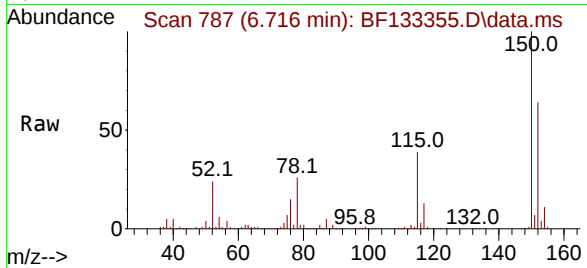




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

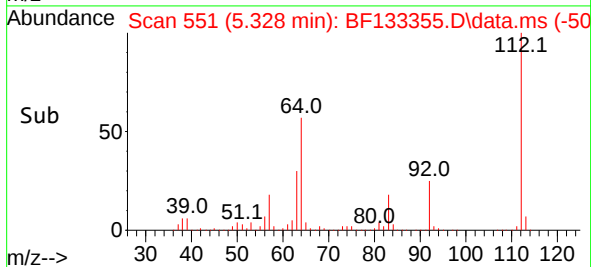
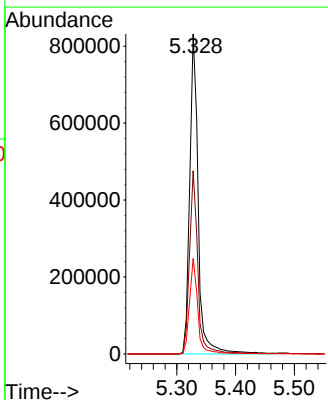
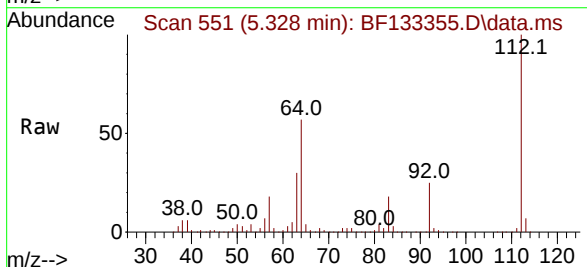
Instrument :
BNA_F
ClientSampleId :
DRUM-A-SLUDGE

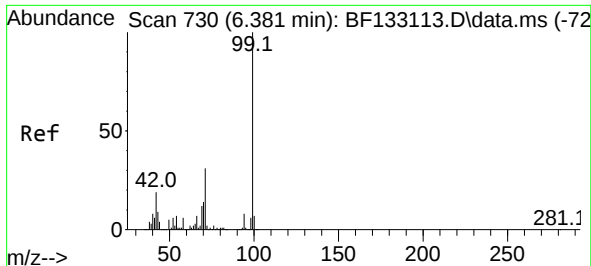
Tgt Ion:152 Resp: 172090
Ion Ratio Lower Upper
152 100
150 157.2 124.8 187.2
115 61.1 49.9 74.9



#5
2-Fluorophenol
Concen: 73.883 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

Tgt Ion:112 Resp: 841678
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 29.9 23.8 35.8

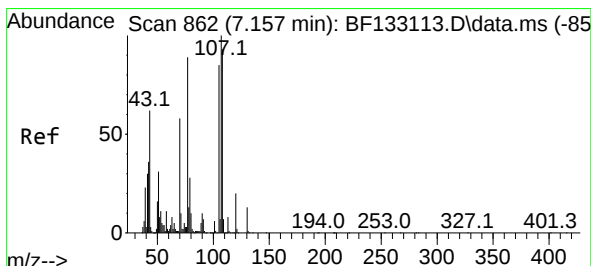
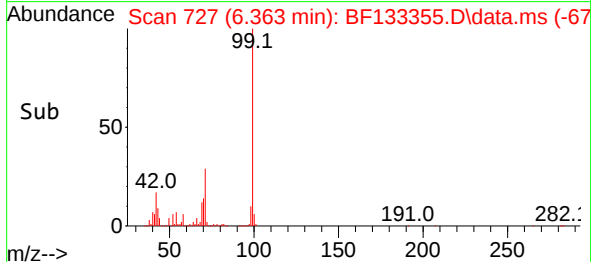
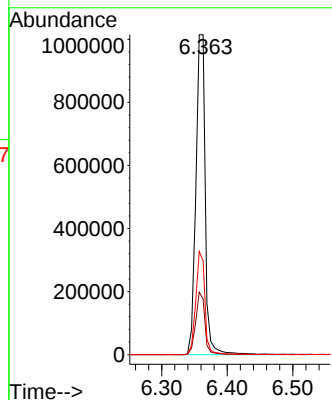
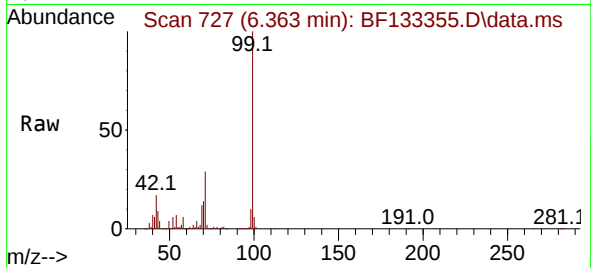




#7
Phenol-d6
Concen: 71.694 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

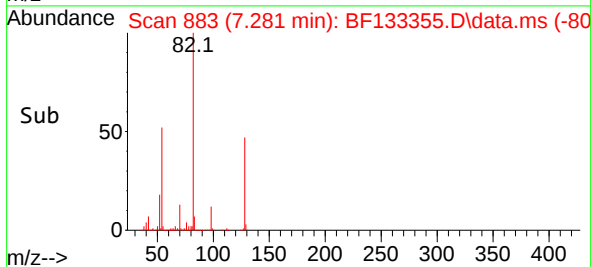
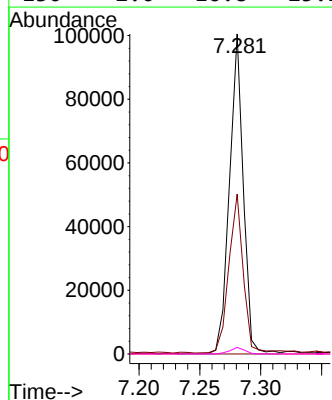
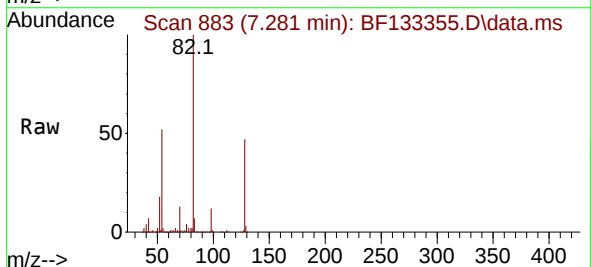
Instrument :
BNA_F
ClientSampleId :
DRUM-A-SLUDGE

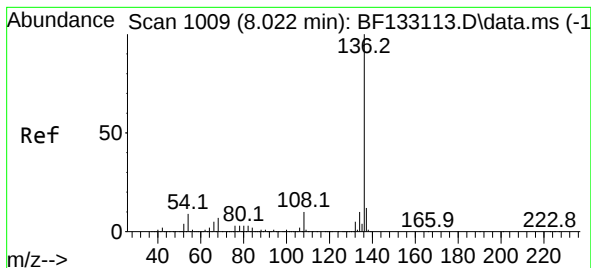
Tgt Ion: 99 Resp: 1013751
Ion Ratio Lower Upper
99 100
42 17.4 16.3 24.5
71 29.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.042 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.135 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

Tgt Ion: 70 Resp: 79599
Ion Ratio Lower Upper
70 100
42 50.0 51.8 77.6#
101 0.0 8.0 12.0#
130 2.0 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF133355.D

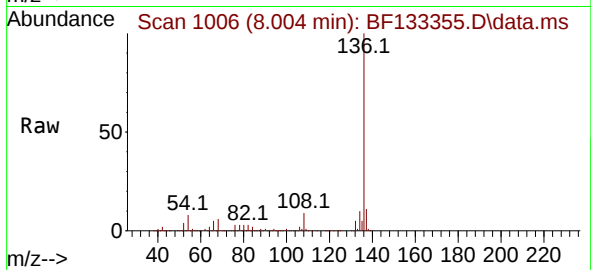
Acq: 11 May 2023 15:28

Instrument :

BNA_F

ClientSampleId :

DRUM-A-SLUDGE



Tgt Ion:136 Resp: 680333

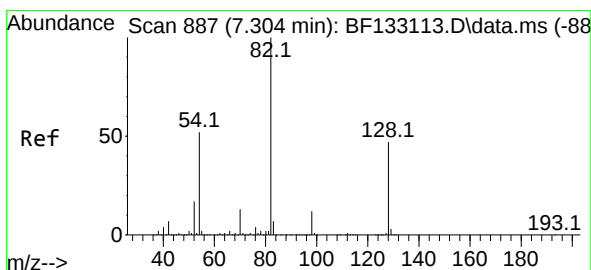
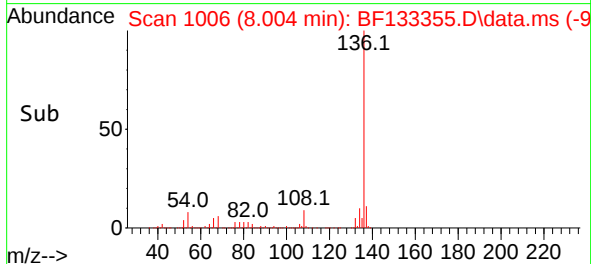
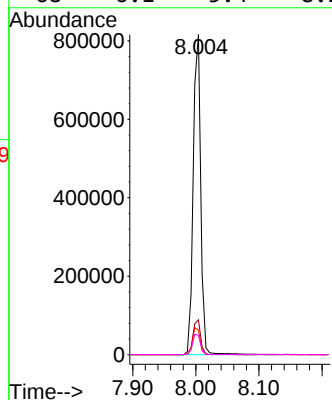
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.7 7.0 10.4

68 6.1 5.4 8.2



#23

Nitrobenzene-d5

Concen: 47.438 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.012 min

Lab File: BF133355.D

Acq: 11 May 2023 15:28

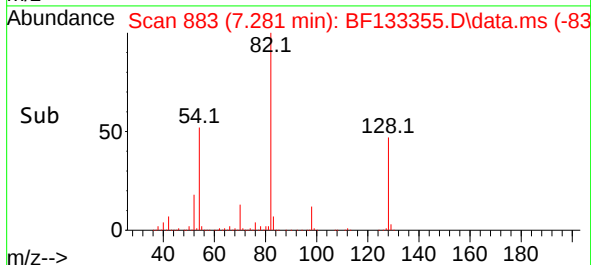
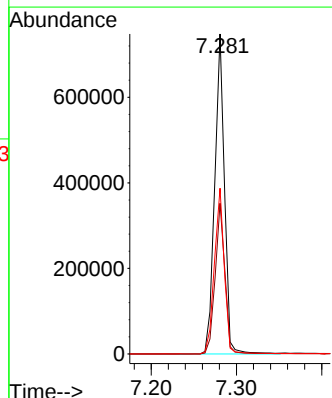
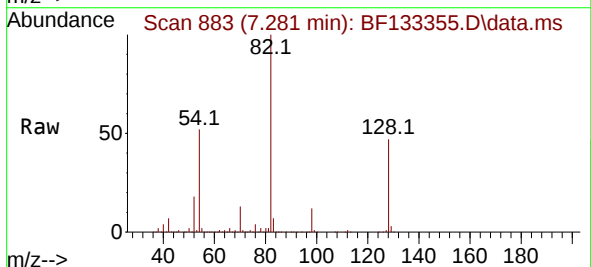
Tgt Ion: 82 Resp: 597911

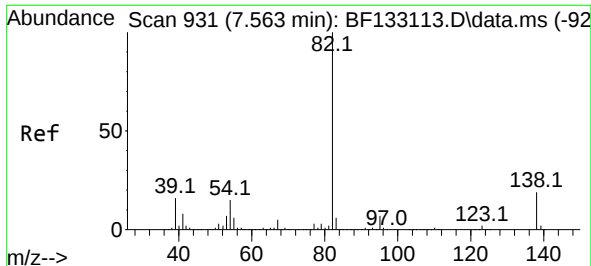
Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

54 51.8 43.0 64.4

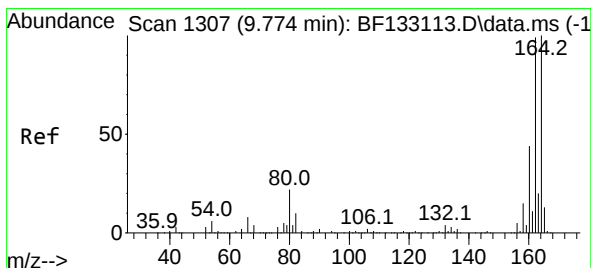
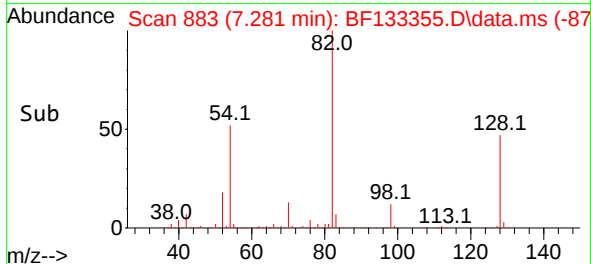
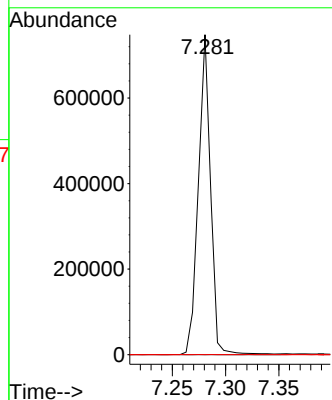
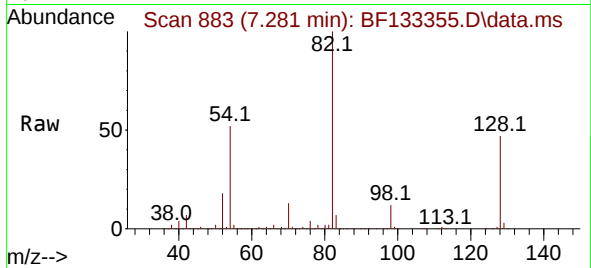




#25
Isophorone
Concen: 24.982 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

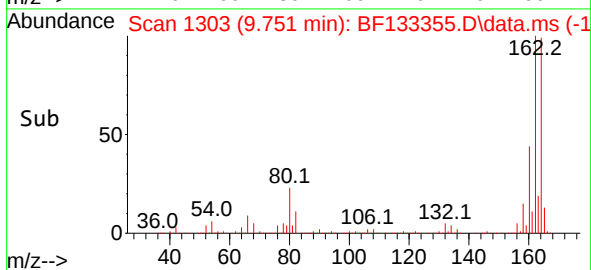
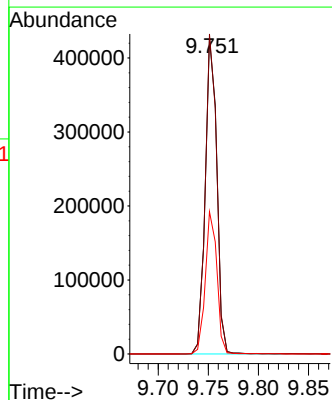
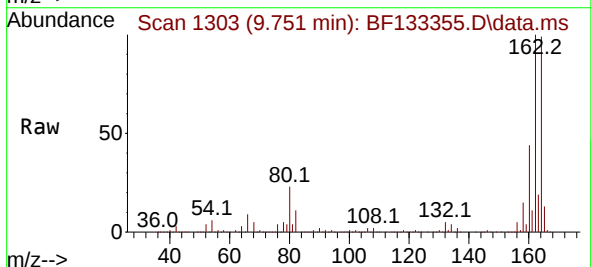
Instrument :
BNA_F
ClientSampleId :
DRUM-A-SLUDGE

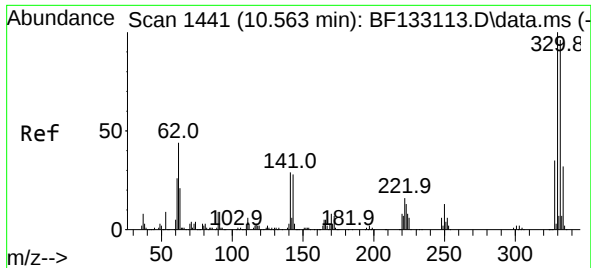
Tgt Ion: 82 Resp: 597837
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

Tgt Ion:164 Resp: 346325
Ion Ratio Lower Upper
164 100
162 101.2 78.7 118.1
160 45.0 35.8 53.6

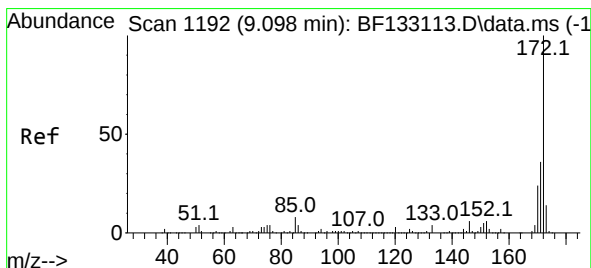
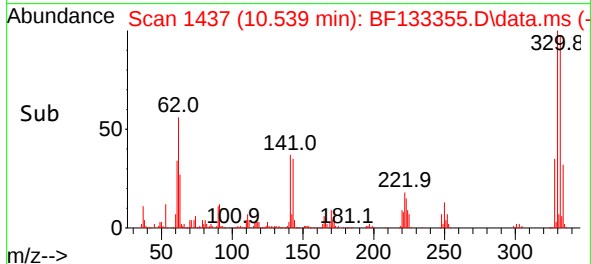
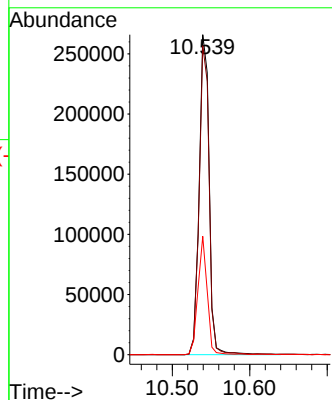
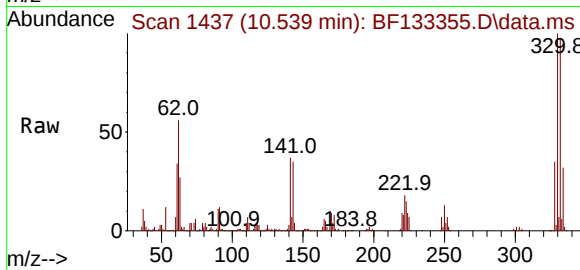




#42
2,4,6-Tribromophenol
Concen: 68.408 ng
RT: 10.539 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

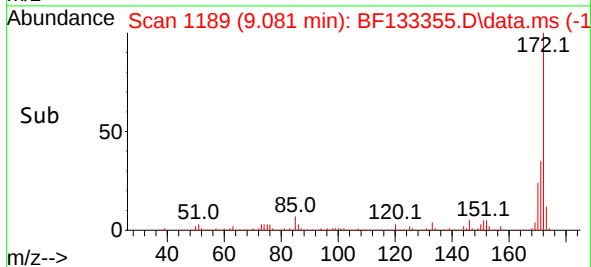
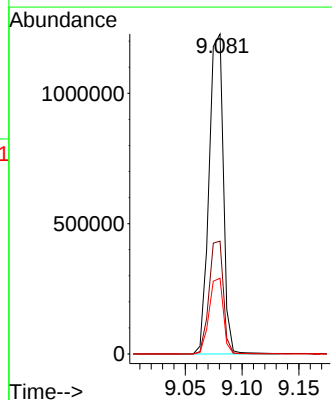
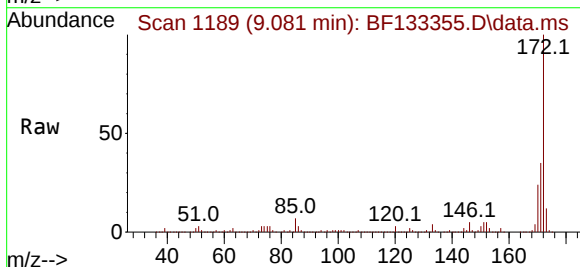
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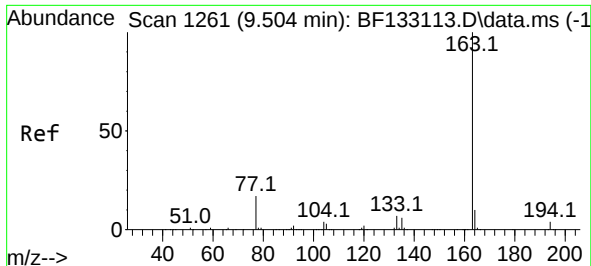
Tgt Ion:330 Resp: 238263
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 34.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 51.844 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

Tgt Ion:172 Resp: 1073220
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.6 19.4 29.2

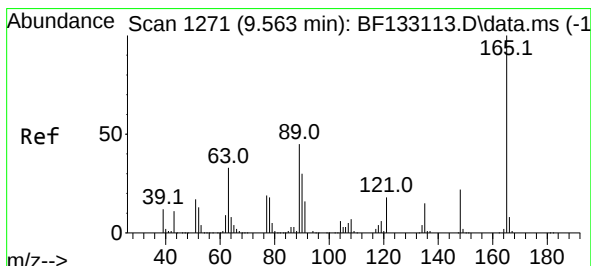
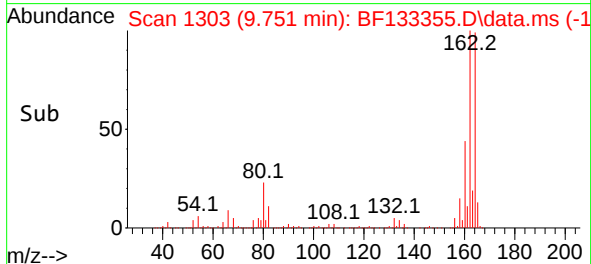
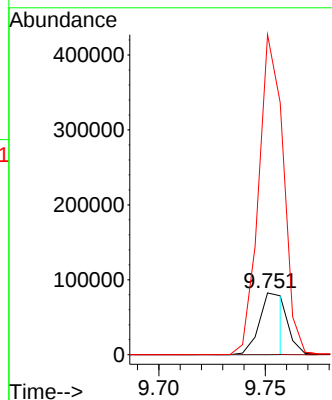
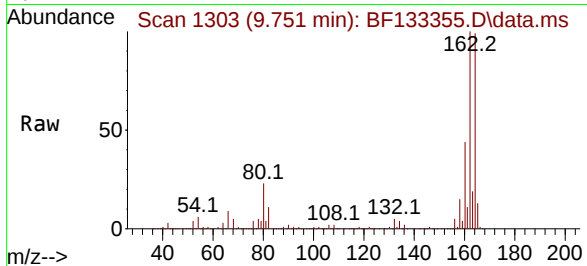




#50
Dimethylphthalate
Concen: 2.730 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

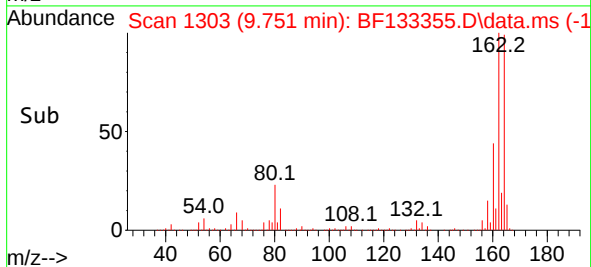
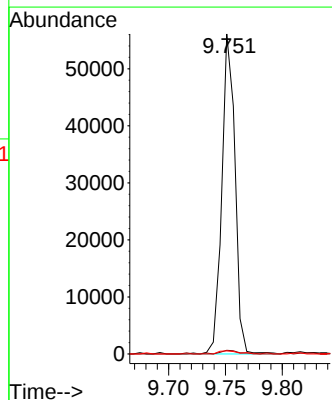
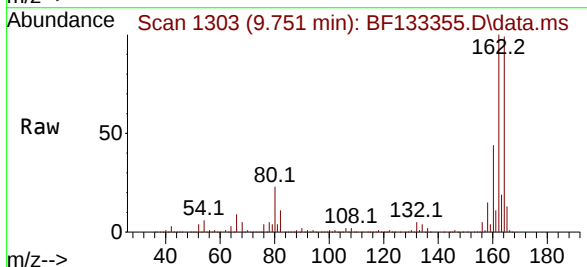
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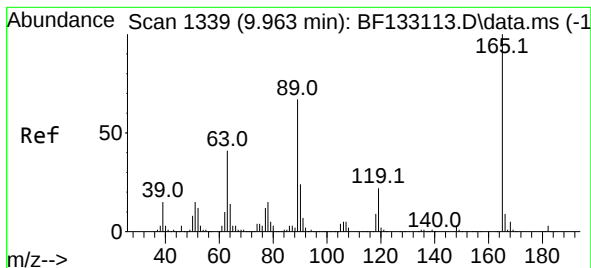
Tgt Ion:163 Resp: 65935
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 518.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.357 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.200 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

Tgt Ion:165 Resp: 45422
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 1.0 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.553 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.206 min

Lab File: BF133355.D

Acq: 11 May 2023 15:28

Instrument :

BNA_F

ClientSampleId :

DRUM-A-SLUDGE

Tgt Ion:165 Resp: 45422

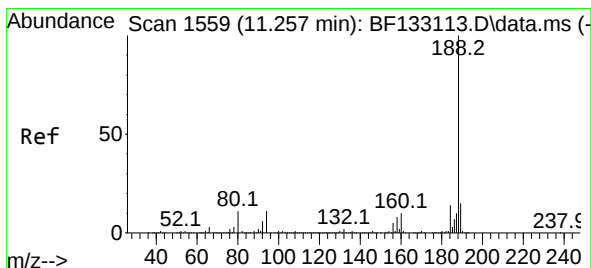
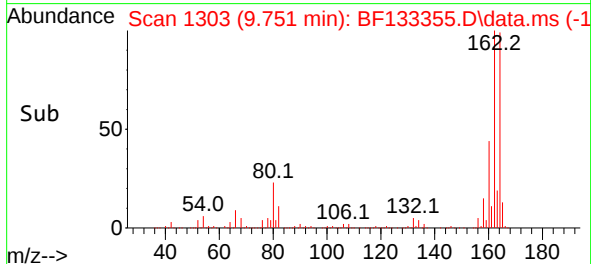
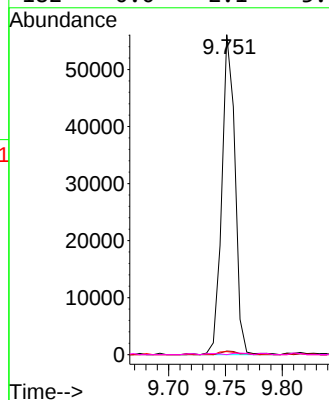
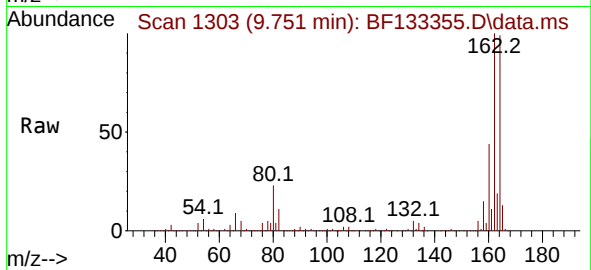
Ion Ratio Lower Upper

165 100

63 1.2 37.7 56.5#

89 1.0 57.0 85.4#

182 0.0 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: BF133355.D

Acq: 11 May 2023 15:28

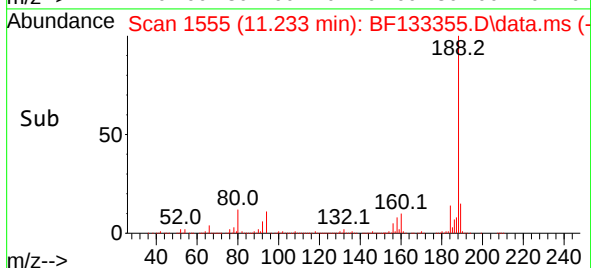
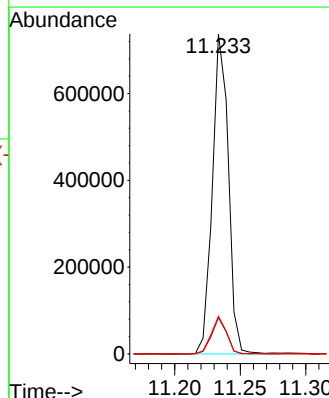
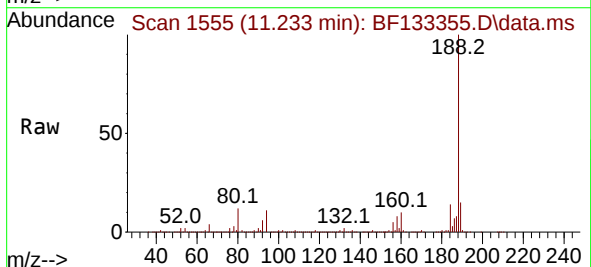
Tgt Ion:188 Resp: 625370

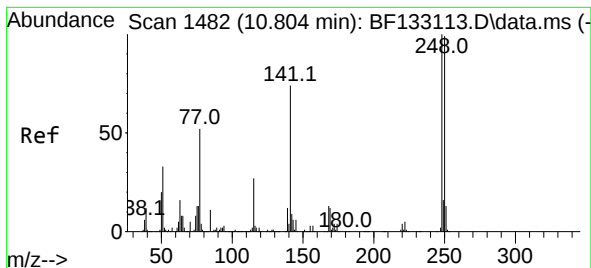
Ion Ratio Lower Upper

188 100

94 11.4 9.7 14.5

80 11.8 10.4 15.6

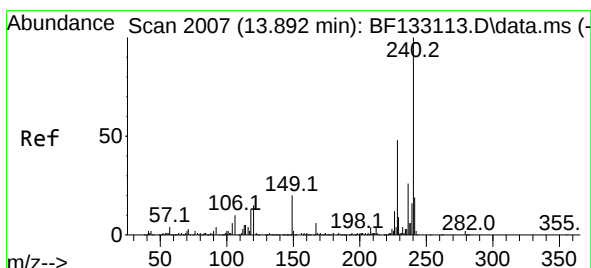
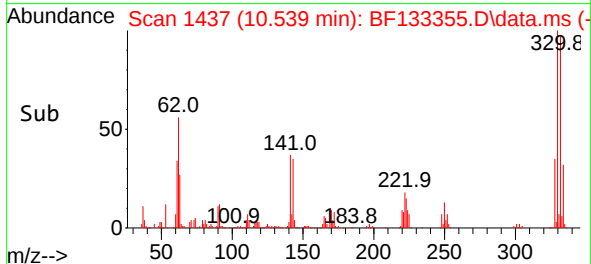
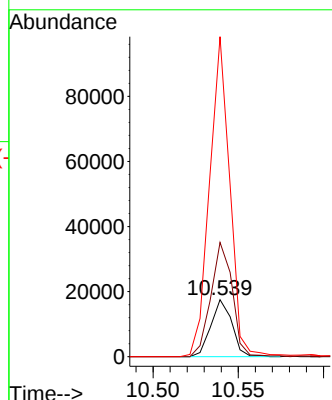
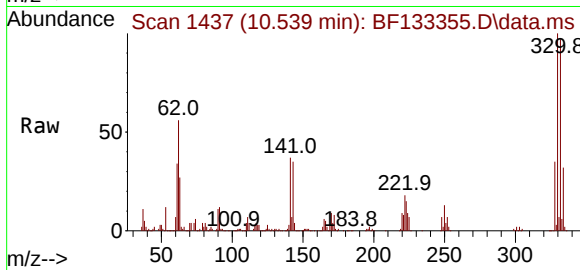




#67
4-Bromophenyl-phenylether
Concen: 2.210 ng
RT: 10.539 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

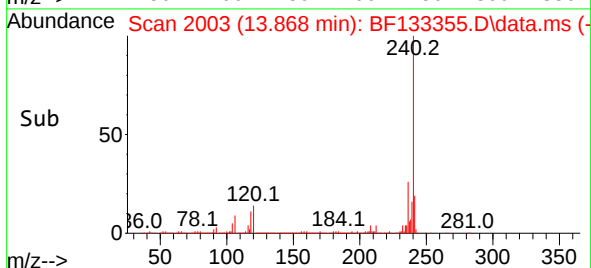
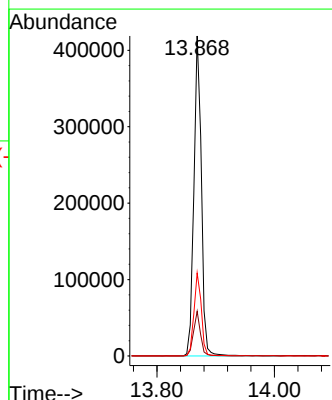
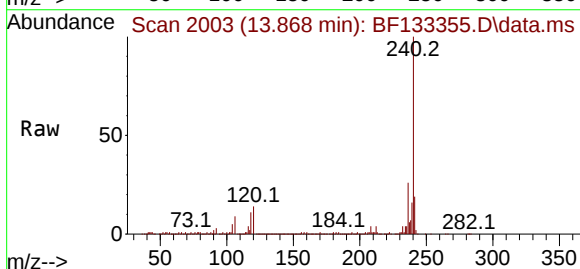
Instrument :
BNA_F
ClientSampleId :
DRUM-A-SLUDGE

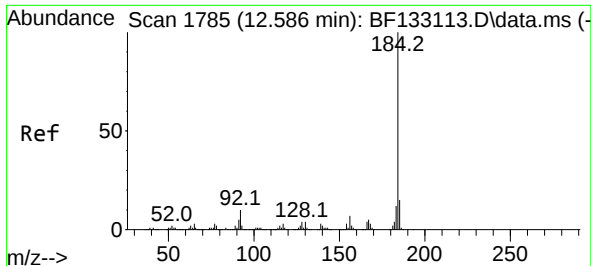
Tgt Ion:248 Resp: 14986
Ion Ratio Lower Upper
248 100
250 200.9 78.7 118.1#
141 562.4 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

Tgt Ion:240 Resp: 370716
Ion Ratio Lower Upper
240 100
120 14.0 10.5 15.7
236 26.0 21.5 32.3

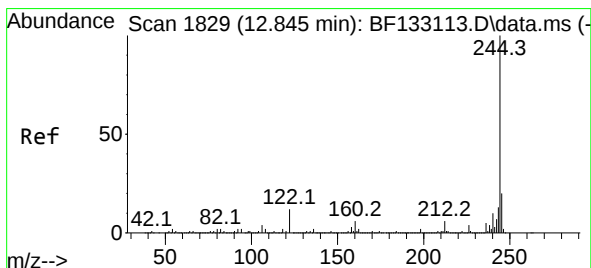
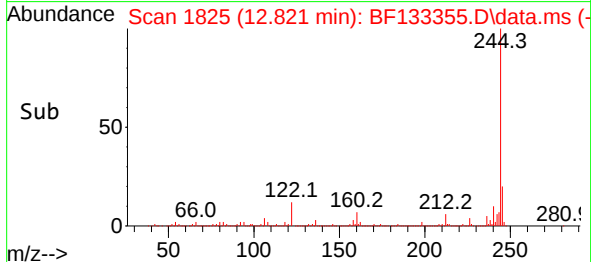
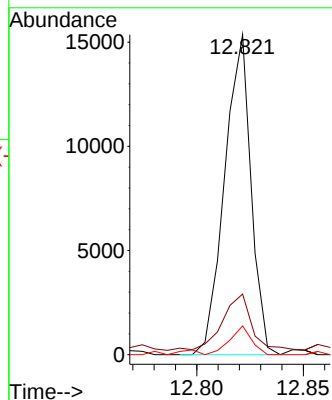
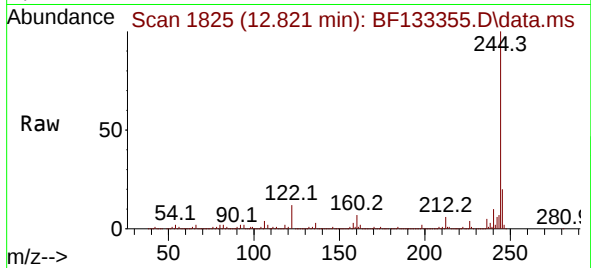




#77
Benzidine
Concen: 2.104 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

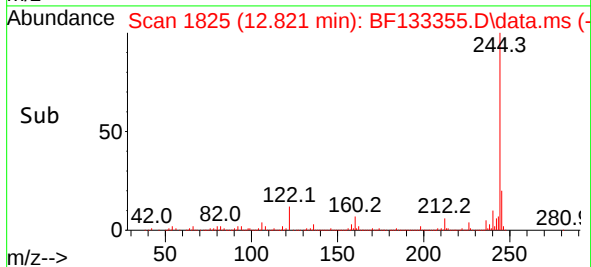
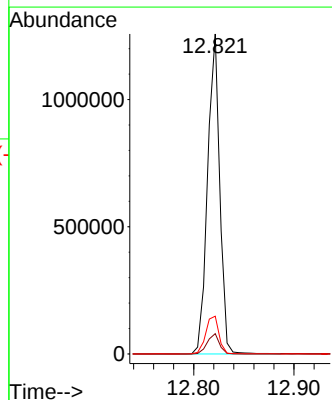
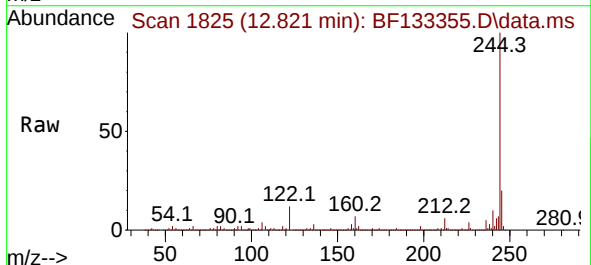
Instrument :
BNA_F
ClientSampleId :
DRUM-A-SLUDGE

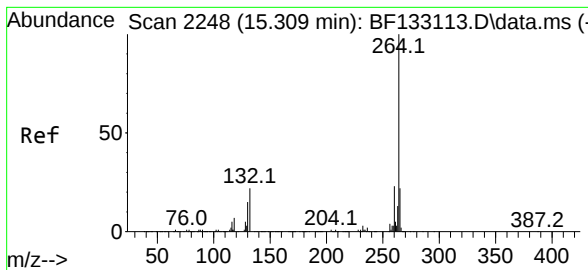
Tgt Ion:184 Resp: 13189
Ion Ratio Lower Upper
184 100
185 18.9 15.4 23.2
183 9.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 49.336 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF133355.D
Acq: 11 May 2023 15:28

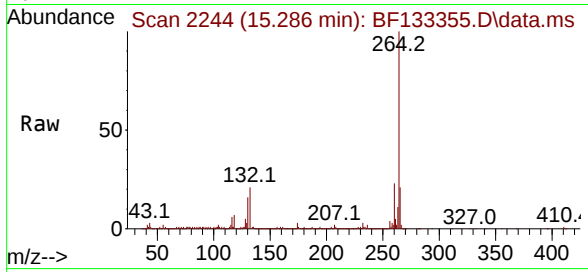
Tgt Ion:244 Resp: 1060467
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.8 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133355.D
 Acq: 11 May 2023 15:28

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-SLUDGE



Tgt Ion:264 Resp: 409789

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.3	17.0	25.4

