

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133338.D
 Acq On : 10 May 2023 19:06
 Operator : CG\JU
 Sample : 02652-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLAY-LINER

Quant Time: May 11 03:42:24 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)

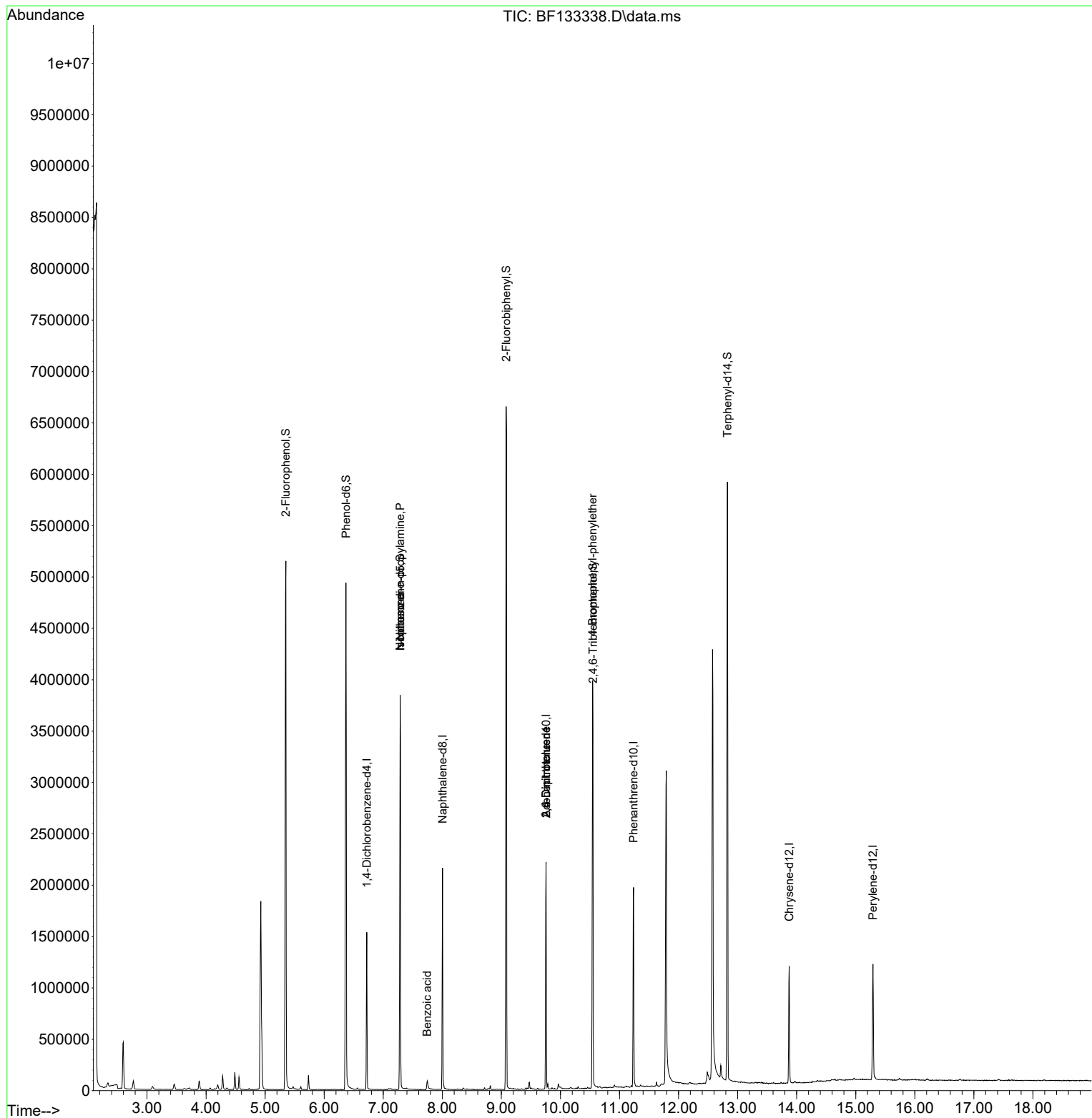
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	205334	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	833780	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	430136	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	736804	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	372140	20.000	ng	0.00
86) Perylene-d12	15.292	264	476504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1689073	124.262	ng	0.02
7) Phenol-d6	6.369	99	1952363	115.720	ng	0.00
23) Nitrobenzene-d5	7.286	82	1349195	87.344	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	550521	127.263	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2240849	87.157	ng	0.00
79) Terphenyl-d14	12.827	244	2189616	101.477	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.269	77	602	Below Cal	#	34
19) n-Nitroso-di-n-propyla...	7.286	70	180222	17.158	ng	# 76
25) Isophorone	7.286	82	1349186	46.003	ng	# 63
32) Benzoic acid	7.745	122	23725	2.967	ng	96
51) 2,6-Dinitrotoluene	9.757	165	55193	8.176	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	55193	6.411	ng	# 23
67) 4-Bromophenyl-phenylether	10.545	248	35132	4.396	ng	# 1

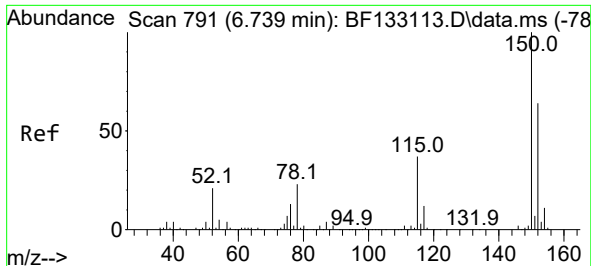
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133338.D
Acq On : 10 May 2023 19:06
Operator : CG\JU
Sample : 02652-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLAY-LINER

Quant Time: May 11 03:42:24 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

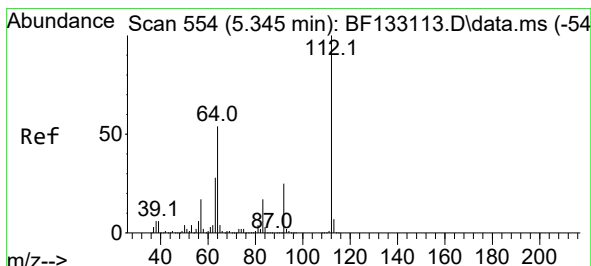
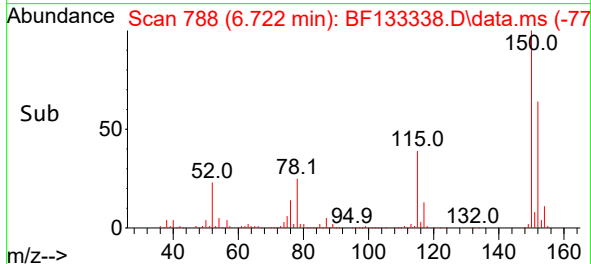
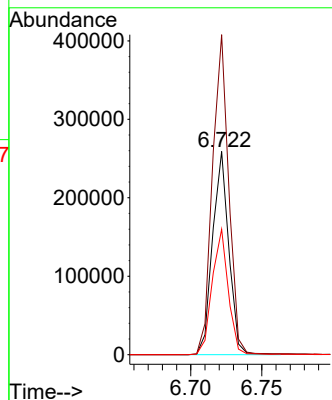
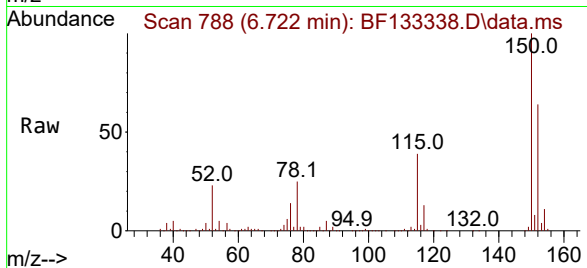




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

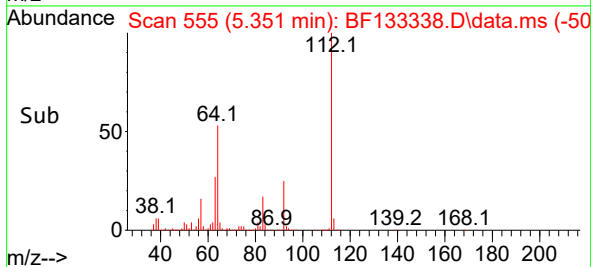
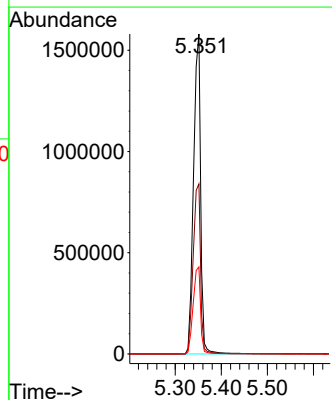
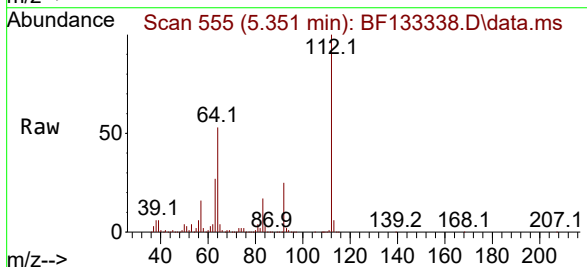
Instrument :
BNA_F
ClientSampleId :
CLAY-LINER

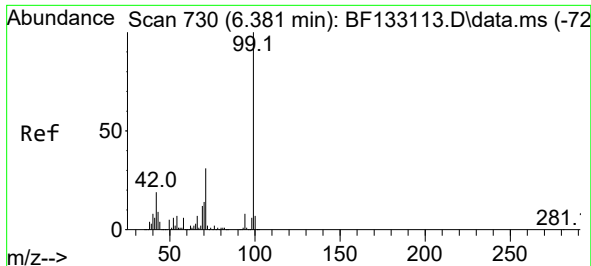
Tgt Ion:152 Resp: 205334
Ion Ratio Lower Upper
152 100
150 157.5 124.8 187.2
115 61.8 49.9 74.9



#5
2-Fluorophenol
Concen: 124.262 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.024 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

Tgt Ion:112 Resp: 1689073
Ion Ratio Lower Upper
112 100
64 53.2 46.8 70.2
63 27.2 23.8 35.8

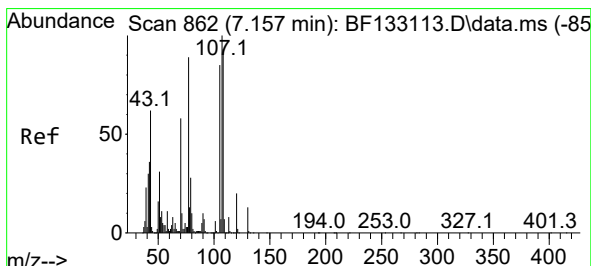
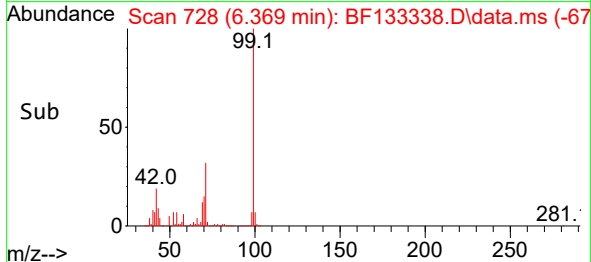
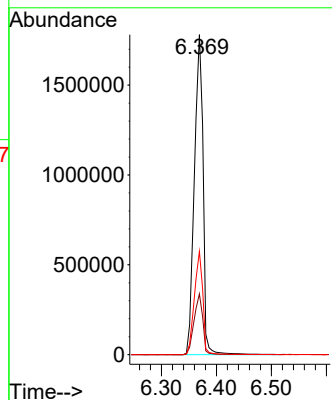
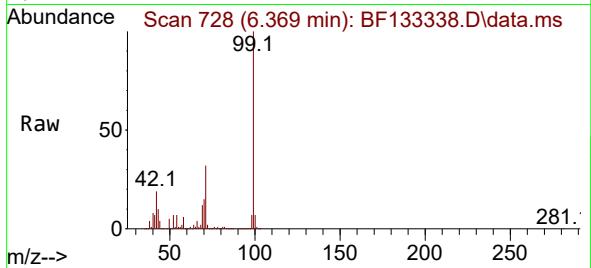




#7
Phenol-d6
Concen: 115.720 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

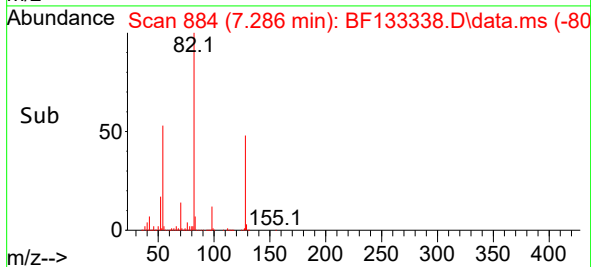
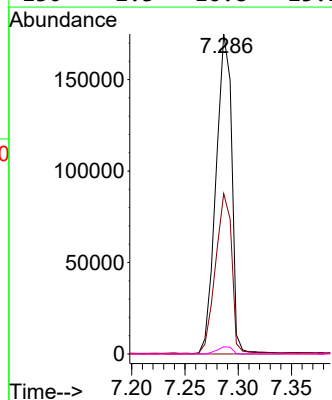
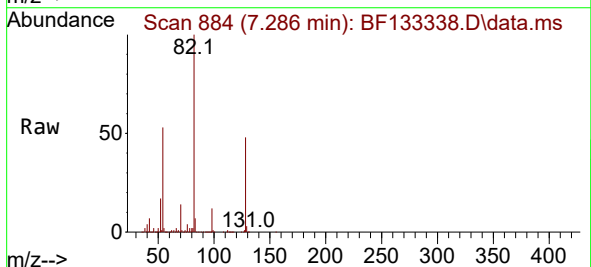
Instrument :
BNA_F
ClientSampleId :
CLAY-LINER

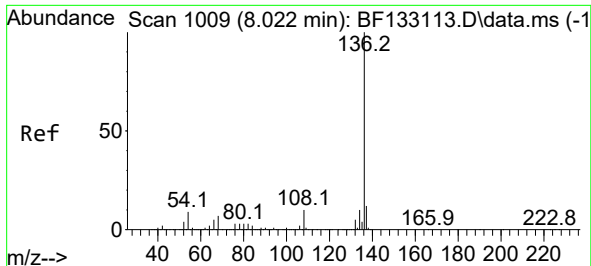
Tgt Ion: 99 Resp: 1952363
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 32.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.158 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

Tgt Ion: 70 Resp: 180222
Ion Ratio Lower Upper
70 100
42 50.1 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

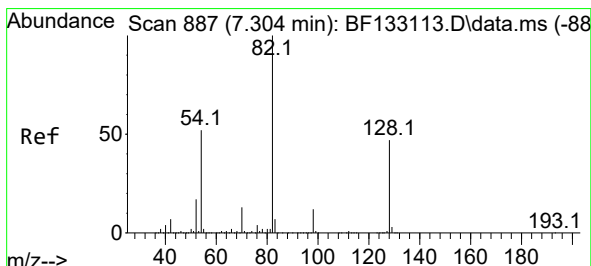
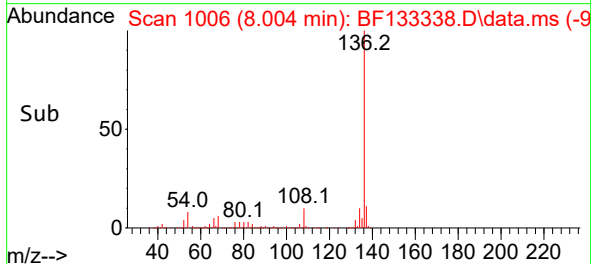
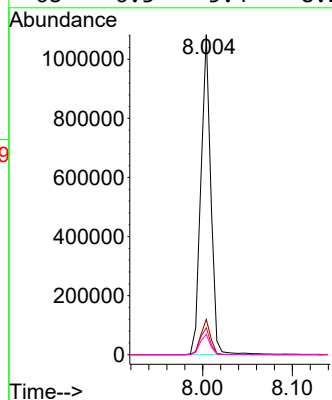
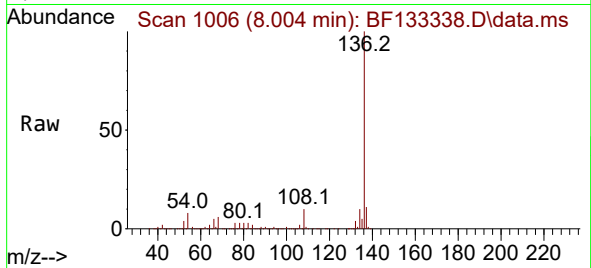




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

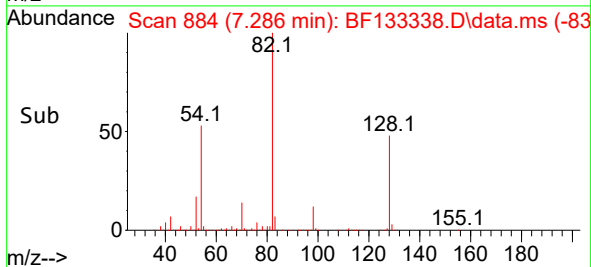
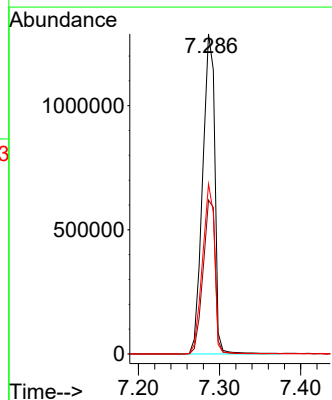
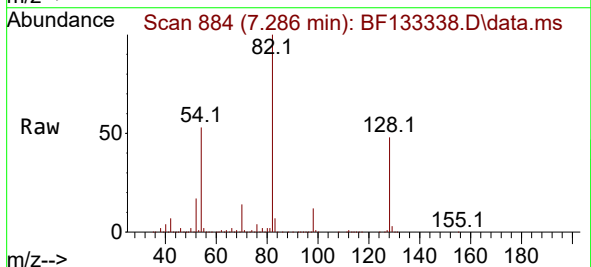
Instrument :
BNA_F
ClientSampleId :
CLAY-LINER

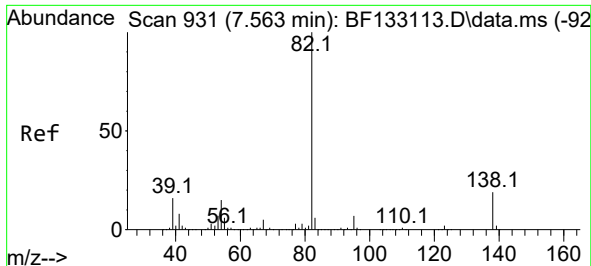
Tgt Ion:136 Resp: 833780
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.4 7.0 10.4
68 6.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 87.344 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

Tgt Ion: 82 Resp: 1349195
Ion Ratio Lower Upper
82 100
128 48.1 37.7 56.5
54 53.1 43.0 64.4

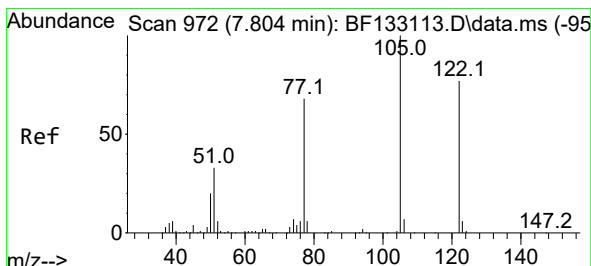
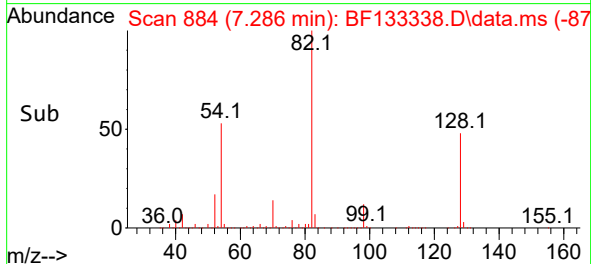
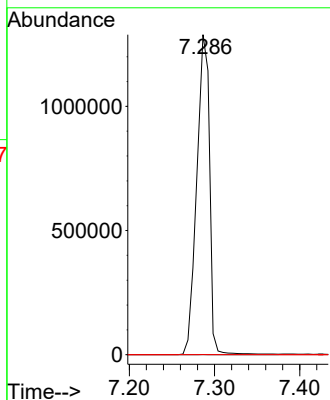
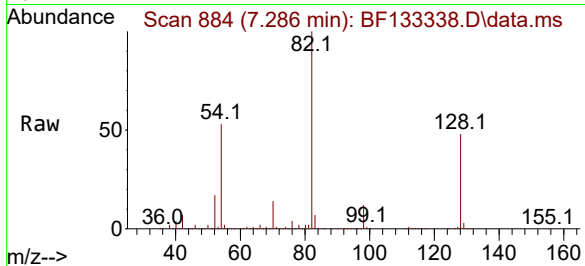




#25
Isophorone
Concen: 46.003 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

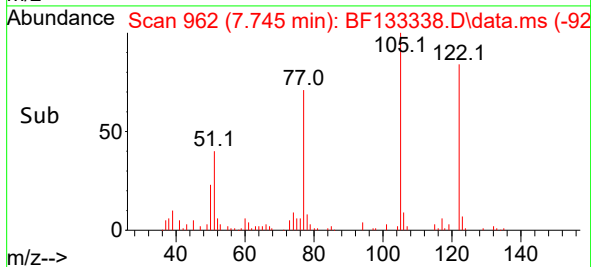
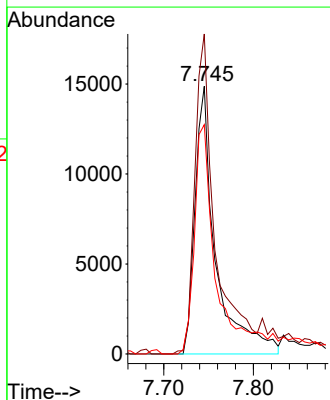
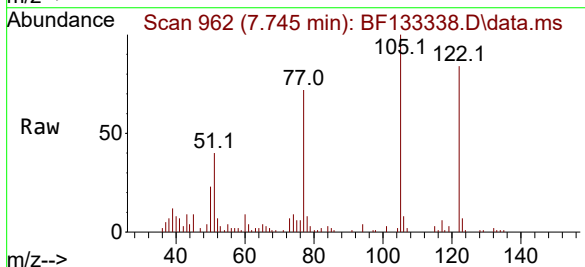
Instrument :
BNA_F
ClientSampleId :
CLAY-LINER

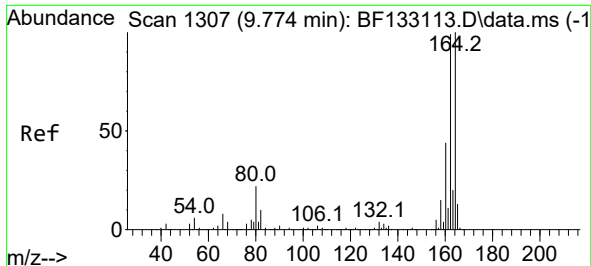
Tgt Ion: 82 Resp: 1349186
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#32
Benzoic acid
Concen: 2.967 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.059 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

Tgt Ion: 122 Resp: 23725
Ion Ratio Lower Upper
122 100
105 119.6 104.2 144.2
77 85.7 69.7 109.7

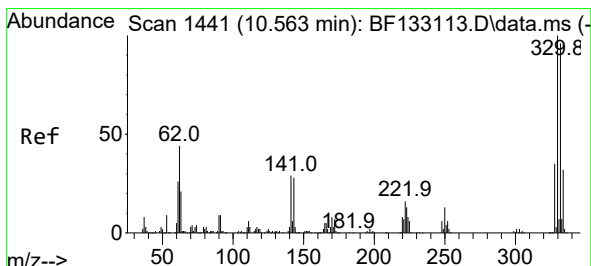
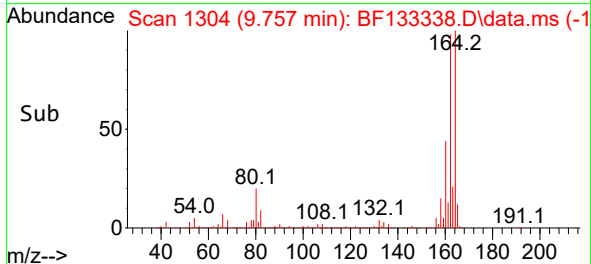
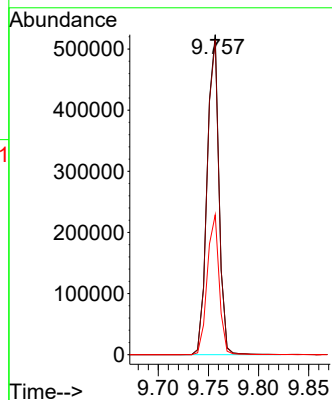
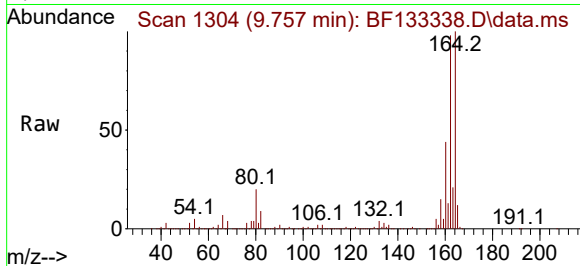




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

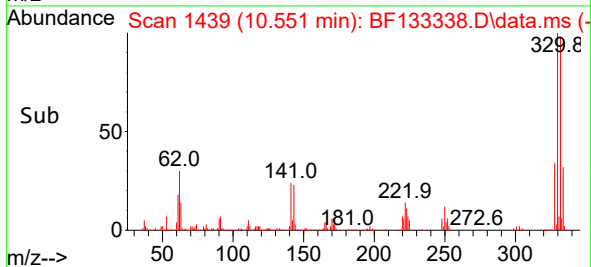
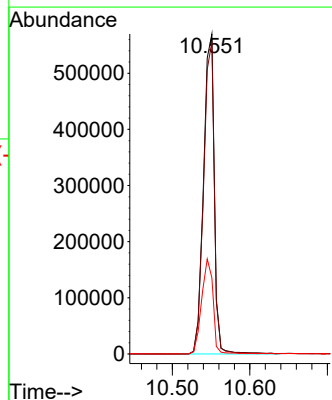
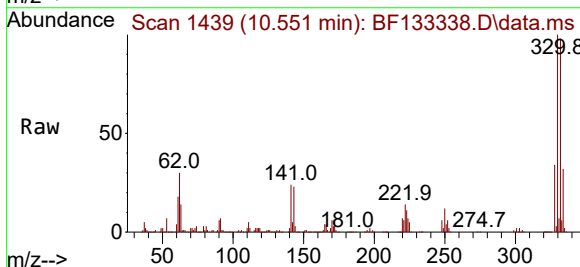
Instrument :
BNA_F
ClientSampleId :
CLAY-LINER

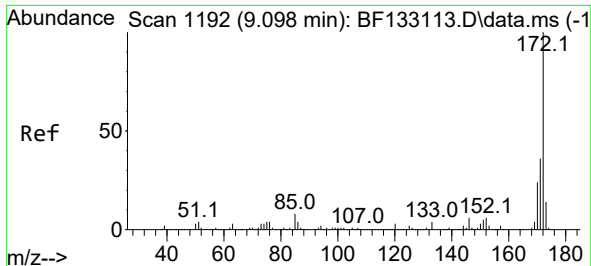
Tgt Ion:164 Resp: 430136
Ion Ratio Lower Upper
164 100
162 98.4 78.7 118.1
160 43.7 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 127.263 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

Tgt Ion:330 Resp: 550521
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 31.5 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 87.157 ng

RT: 9.080 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133338.D

Acq: 10 May 2023 19:06

Instrument :

BNA_F

ClientSampleId :

CLAY-LINER

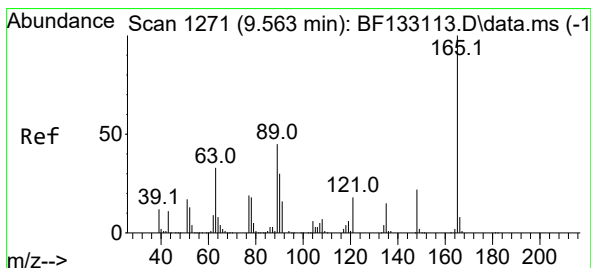
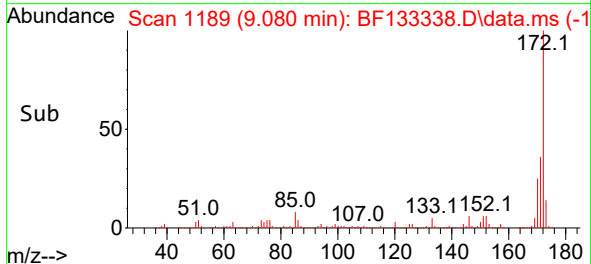
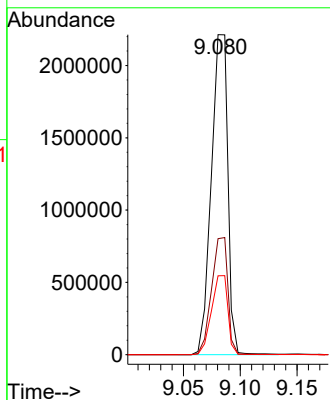
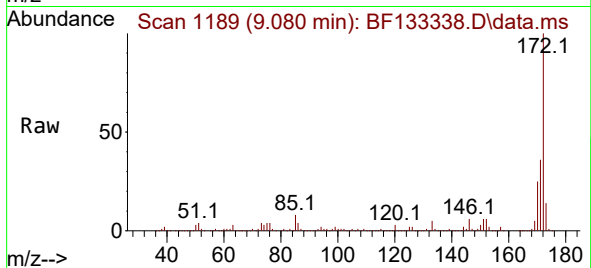
Tgt Ion:172 Resp: 2240849

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.6 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 8.176 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.206 min

Lab File: BF133338.D

Acq: 10 May 2023 19:06

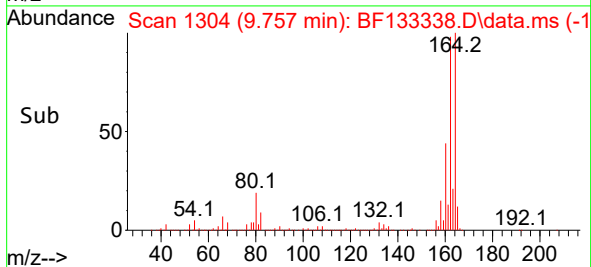
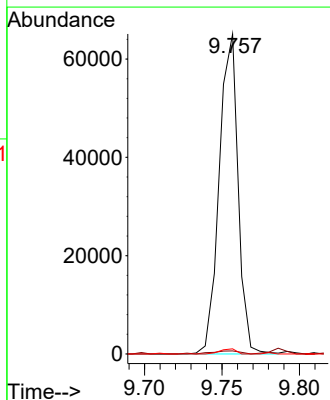
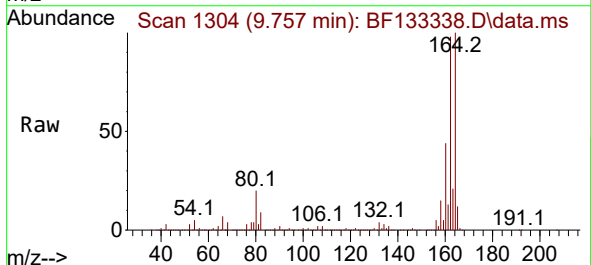
Tgt Ion:165 Resp: 55193

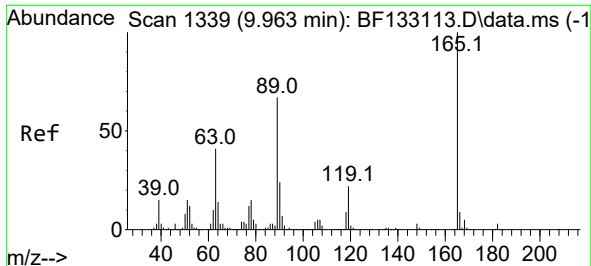
Ion Ratio Lower Upper

165 100

63 1.0 45.9 68.9#

89 1.6 44.0 66.0#

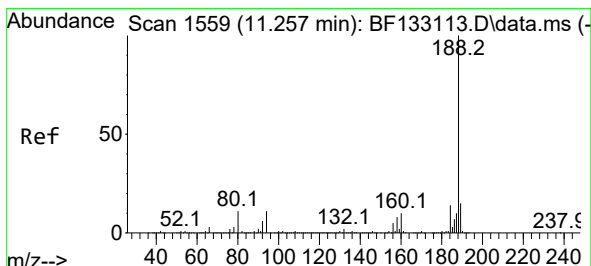
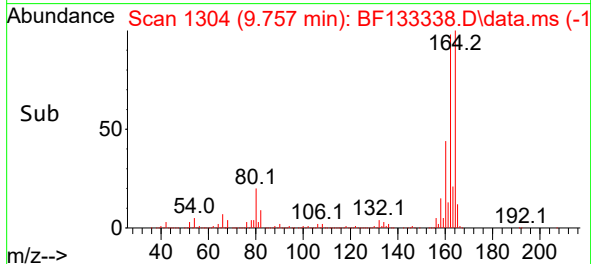
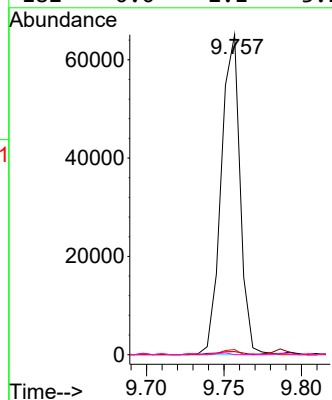
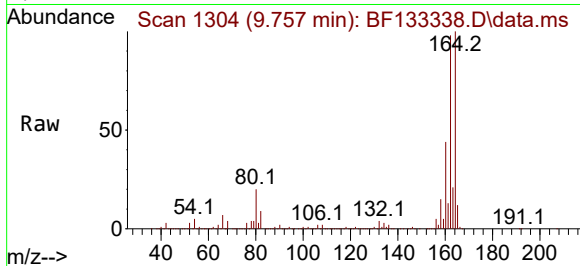




#57
2,4-Dinitrotoluene
Concen: 6.411 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

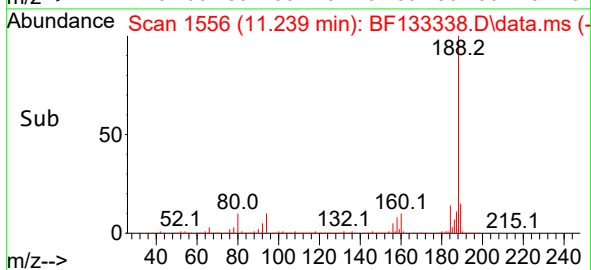
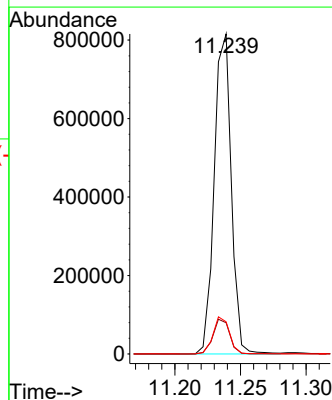
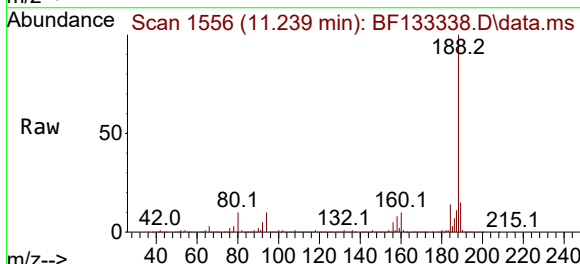
Instrument :
BNA_F
ClientSampleId :
CLAY-LINER

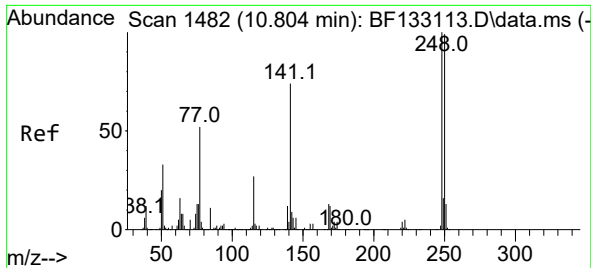
Tgt Ion:165 Resp: 55193
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.6 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

Tgt Ion:188 Resp: 736804
Ion Ratio Lower Upper
188 100
94 9.7 9.7 14.5
80 10.1 10.4 15.6#

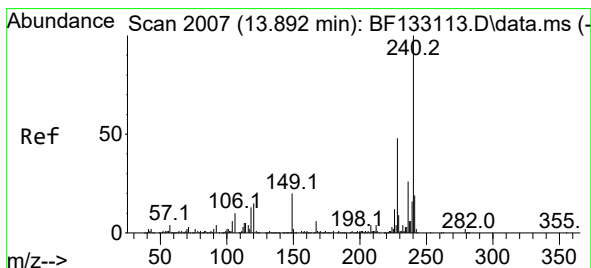
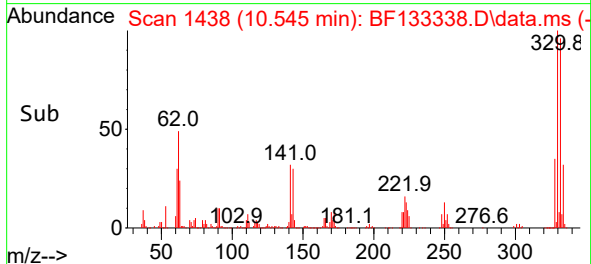
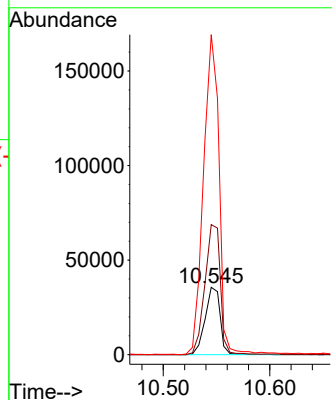
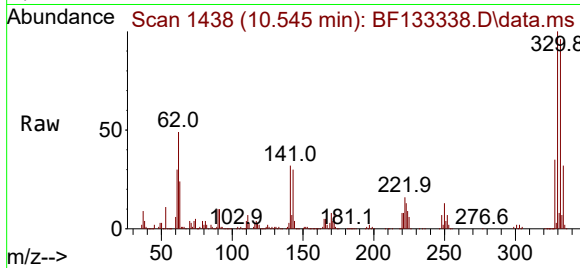




#67
4-Bromophenyl-phenylether
Concen: 4.396 ng
RT: 10.545 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

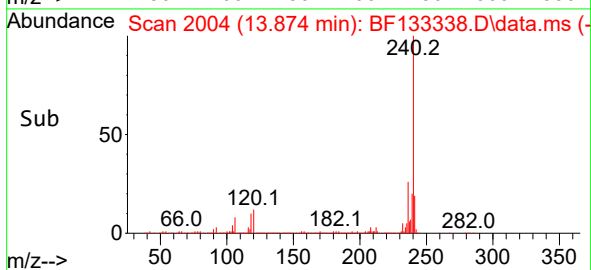
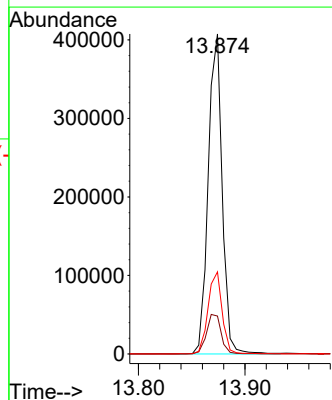
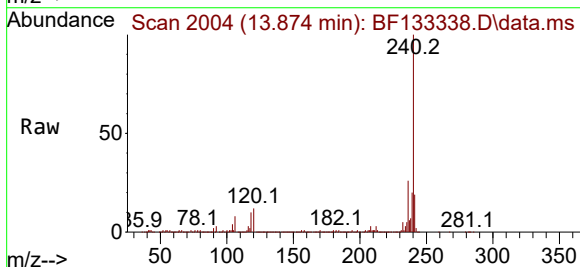
Instrument :
BNA_F
ClientSampleId :
CLAY-LINER

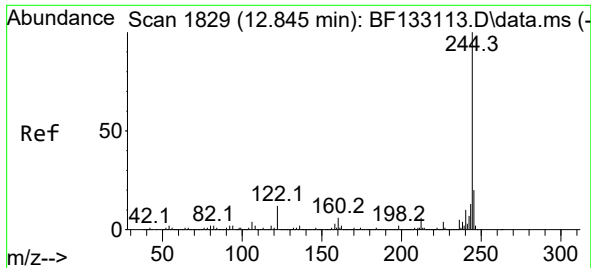
Tgt Ion:248 Resp: 35132
Ion Ratio Lower Upper
248 100
250 193.3 78.7 118.1#
141 475.3 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133338.D
Acq: 10 May 2023 19:06

Tgt Ion:240 Resp: 372140
Ion Ratio Lower Upper
240 100
120 11.8 10.5 15.7
236 25.7 21.5 32.3

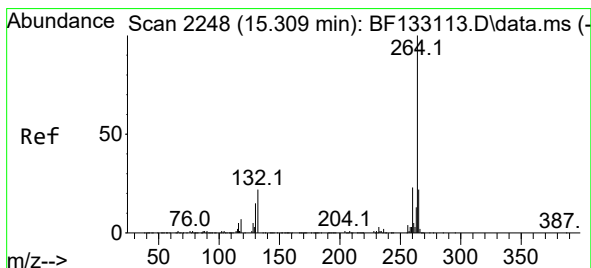
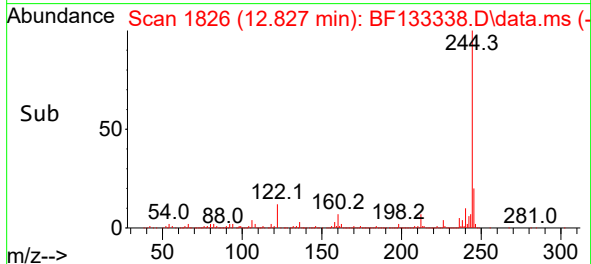
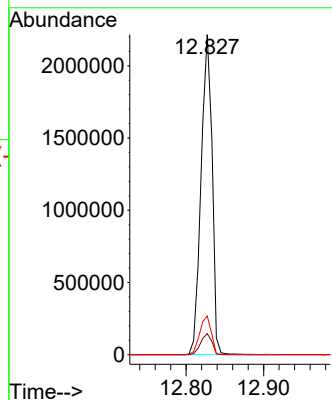
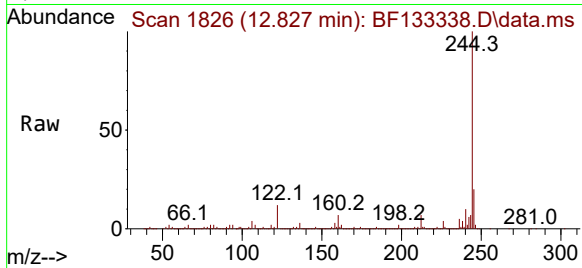




#79
 Terphenyl-d14
 Concen: 101.477 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133338.D
 Acq: 10 May 2023 19:06

Instrument :
 BNA_F
 ClientSampleId :
 CLAY-LINER

Tgt Ion:244 Resp: 2189616
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.000 min
 Lab File: BF133338.D
 Acq: 10 May 2023 19:06

Tgt Ion:264 Resp: 476504
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 22.5 17.0 25.4

