

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133193.D
 Acq On : 02 May 2023 17:21
 Operator : CG\JU
 Sample : 02570-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-1

Quant Time: May 03 06:20:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

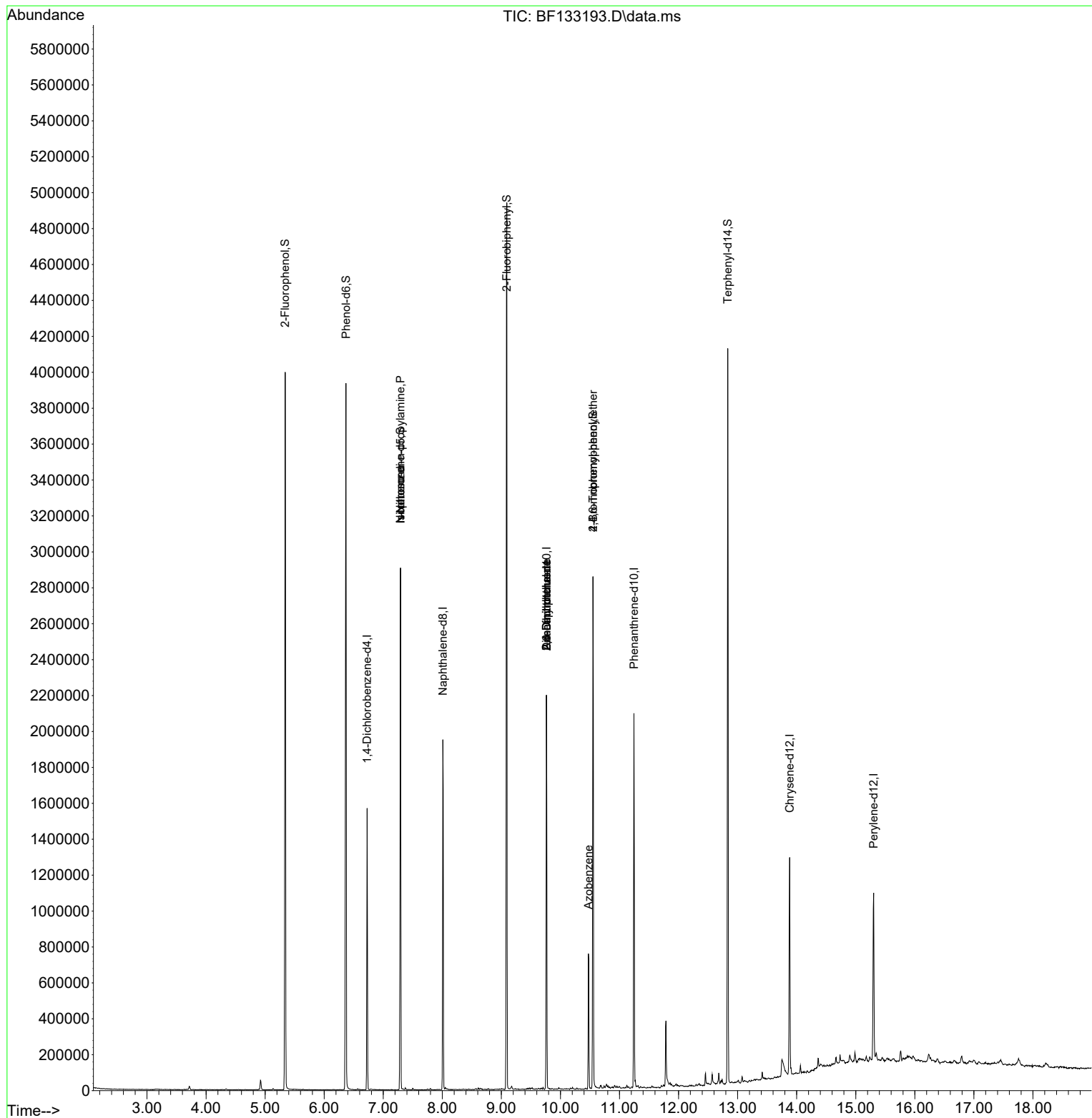
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	200086	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	804358	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	416429	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	705213	20.000	ng	0.00
76) Chrysene-d12	13.880	240	359009	20.000	ng	-0.01
86) Perylene-d12	15.304	264	393469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1130747	85.369	ng	0.00
7) Phenol-d6	6.369	99	1360778	82.771	ng	0.00
23) Nitrobenzene-d5	7.292	82	819944	55.023	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	336271	80.294	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1490357	59.875	ng	0.00
79) Terphenyl-d14	12.833	244	1387758	66.667	ng	0.00
Target Compounds						
9) Benzaldehyde	6.275	77	300	Below Cal	Qvalue	# 77
19) n-Nitroso-di-n-propyla...	7.292	70	109198	10.669	ng	# 77
25) Isophorone	7.292	82	819848	28.976	ng	# 63
50) Dimethylphthalate	9.763	163	78379	2.699	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	54901	8.401	ng	# 24
57) 2,4-Dinitrotoluene	9.763	165	54901	6.587	ng	# 23
63) Azobenzene	10.475	77	129191	4.447	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	20783	2.717	ng	# 1

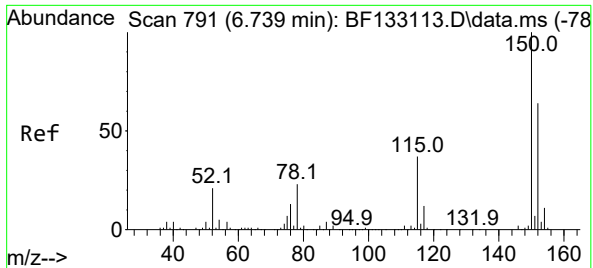
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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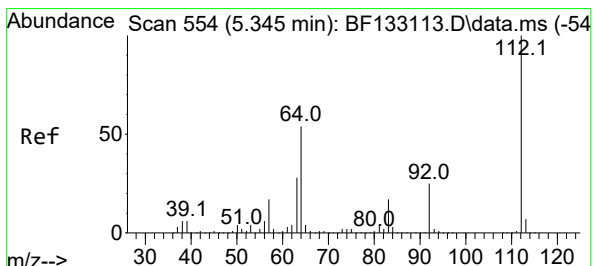
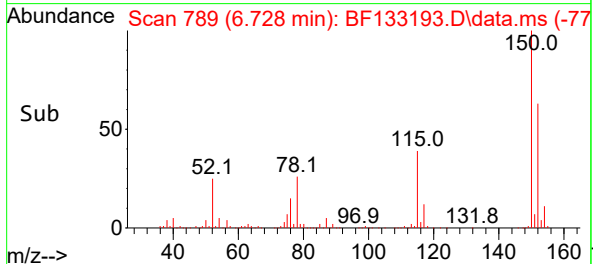
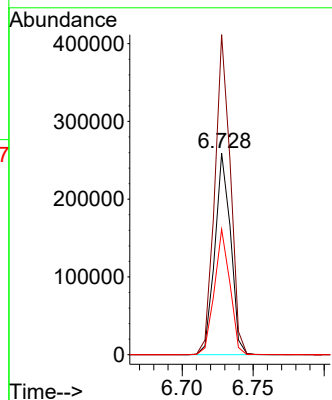
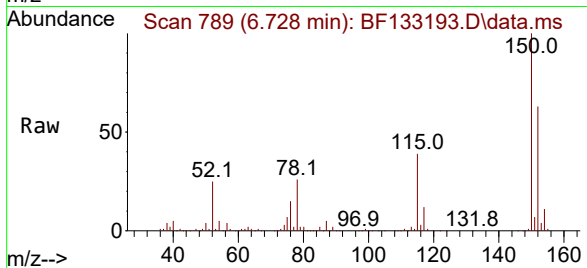




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133193.D
 Acq: 02 May 2023 17:21

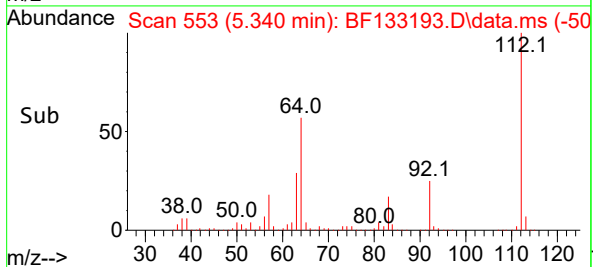
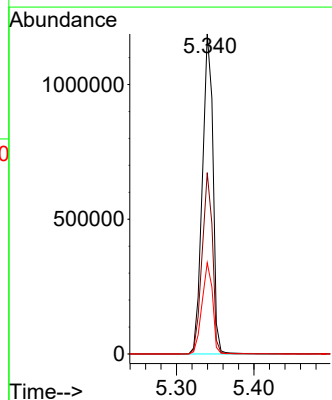
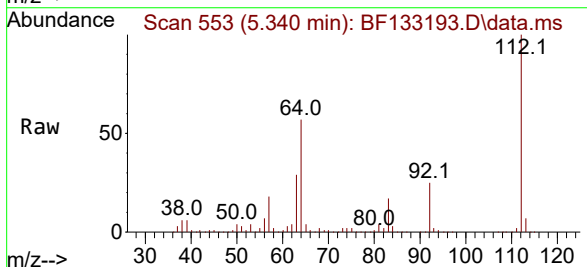
Instrument :
 BNA_F
 ClientSampleId :
 RB-1

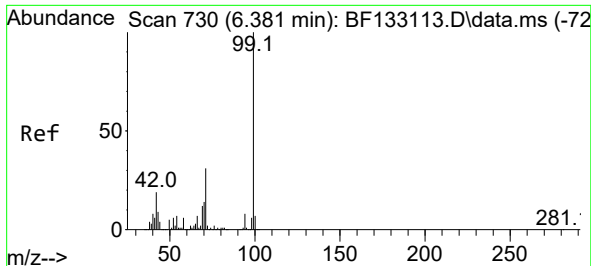
Tgt Ion:152 Resp: 200086
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.8 187.2
 115 62.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 85.369 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: BF133193.D
 Acq: 02 May 2023 17:21

Tgt Ion:112 Resp: 1130747
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.8 70.2
 63 28.5 23.8 35.8

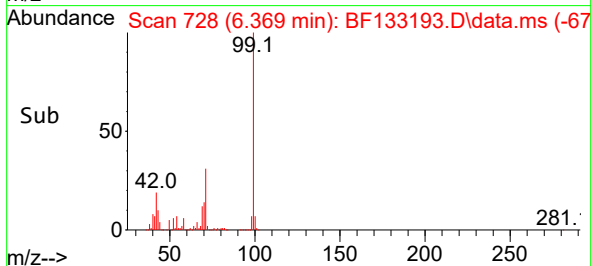
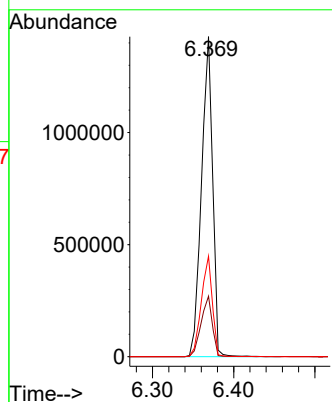
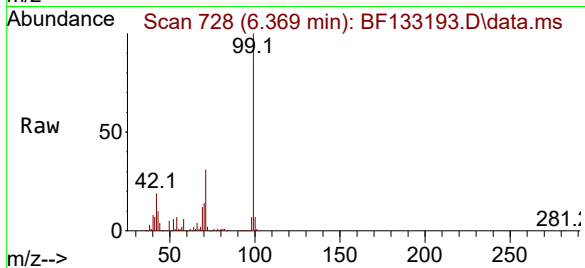




#7
Phenol-d6
Concen: 82.771 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

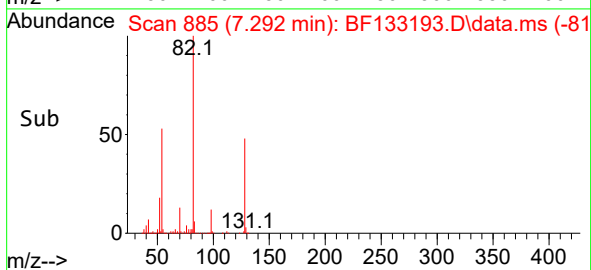
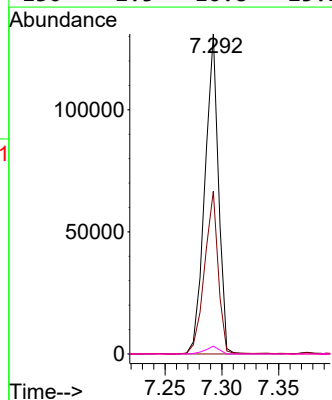
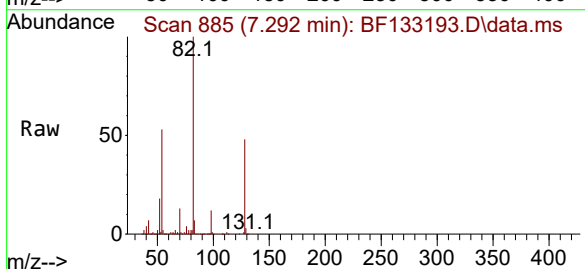
Instrument :
BNA_F
ClientSampleId :
RB-1

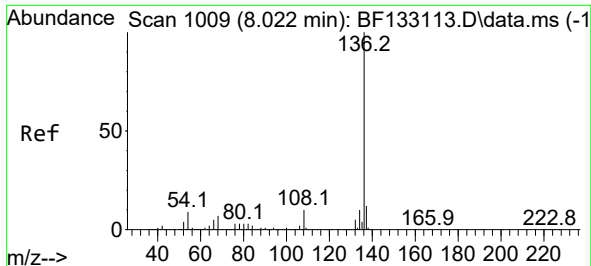
Tgt Ion: 99 Resp: 1360778
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 31.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.669 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

Tgt Ion: 70 Resp: 109198
Ion Ratio Lower Upper
70 100
42 50.9 51.8 77.6#
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#

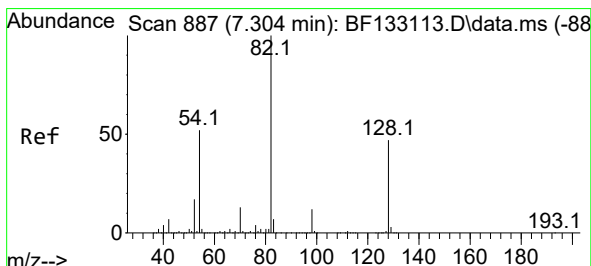
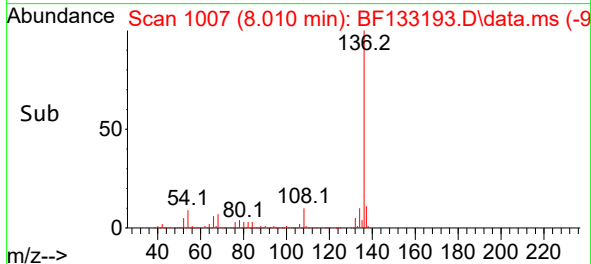
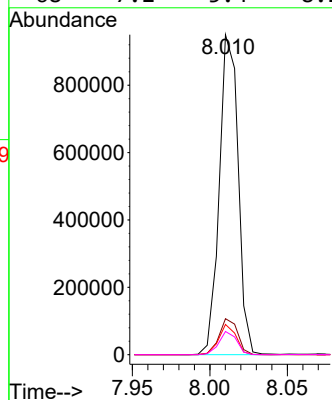
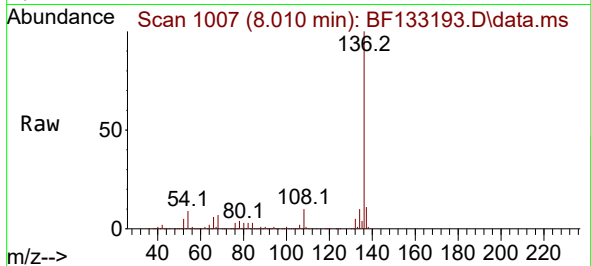




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

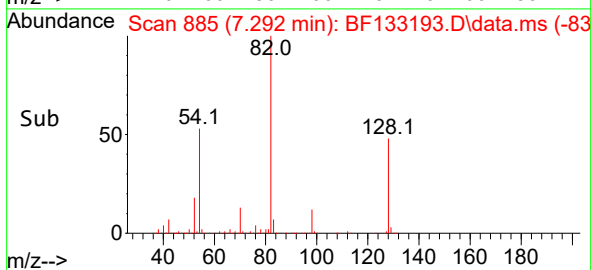
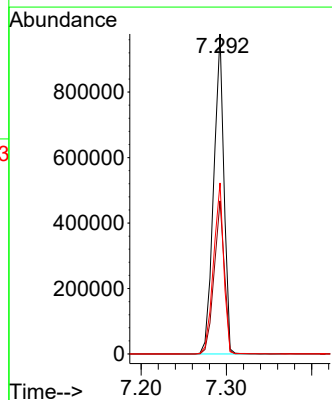
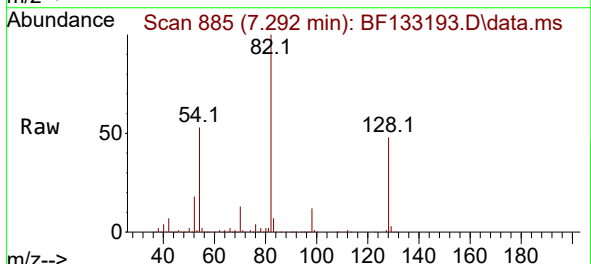
Instrument :
BNA_F
ClientSampleId :
RB-1

Tgt Ion:	136	Resp:	804358
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	9.4	7.0	10.4
68	7.2	5.4	8.2



#23
Nitrobenzene-d5
Concen: 55.023 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

Tgt Ion:	82	Resp:	819944
Ion Ratio	Lower	Upper	
82	100		
128	47.8	37.7	56.5
54	53.5	43.0	64.4

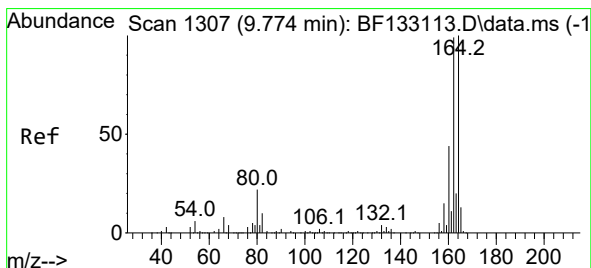
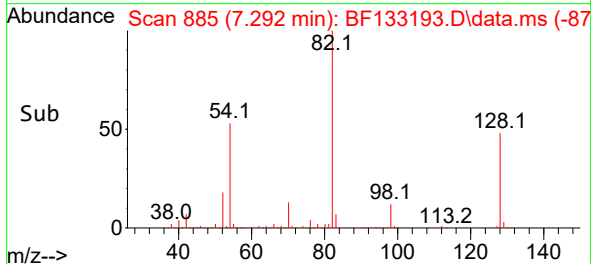
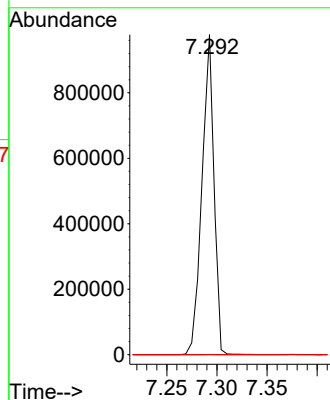
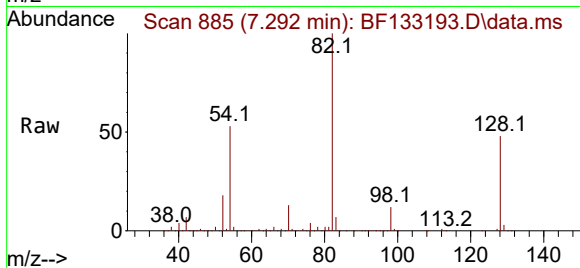




#25
Isophorone
Concen: 28.976 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

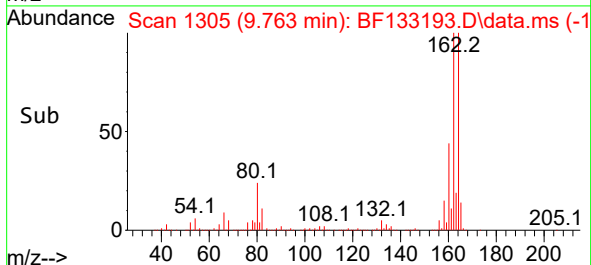
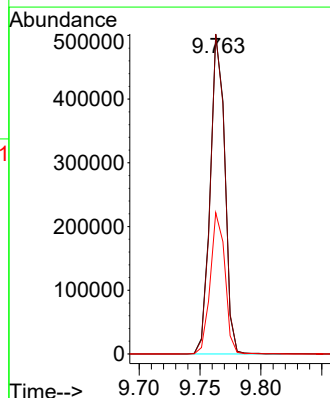
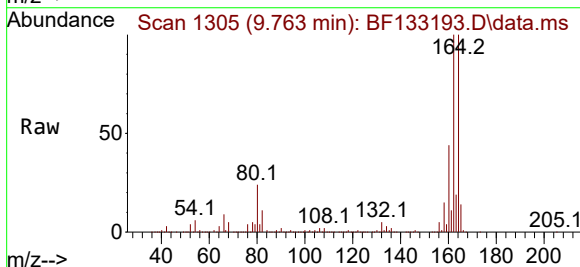
Instrument :
BNA_F
ClientSampleId :
RB-1

Tgt Ion: 82 Resp: 819848
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: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

Tgt Ion:164 Resp: 416429
Ion Ratio Lower Upper
164 100
162 100.1 78.7 118.1
160 44.2 35.8 53.6

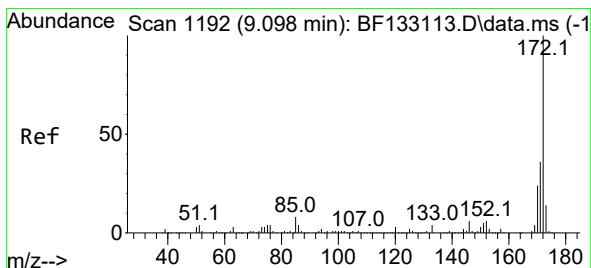
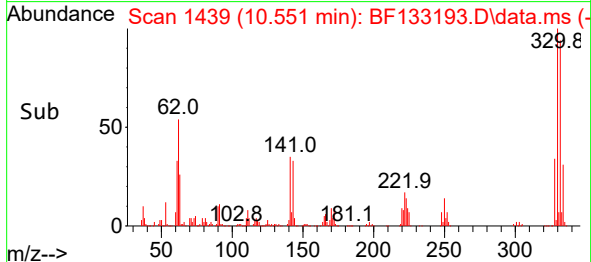
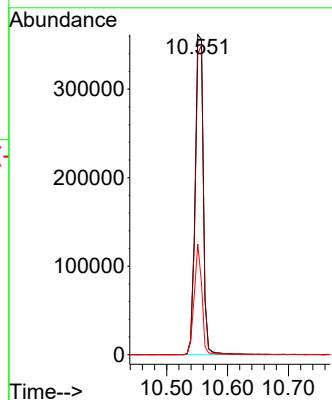
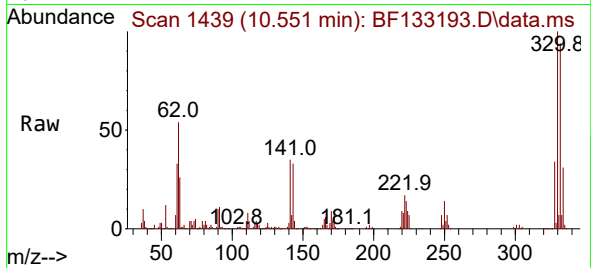




#42
2,4,6-Tribromophenol
Concen: 80.294 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

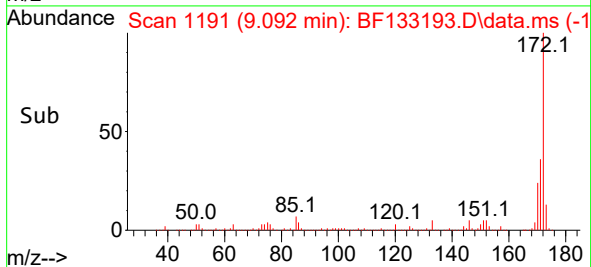
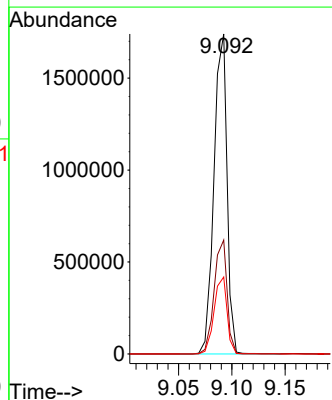
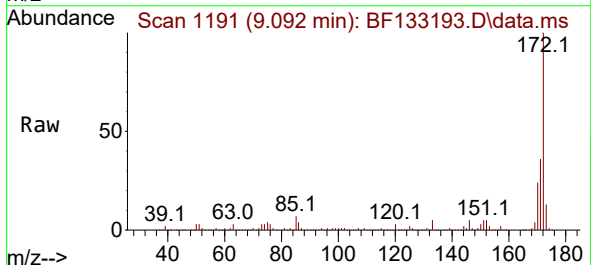
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ClientSampleId :
RB-1

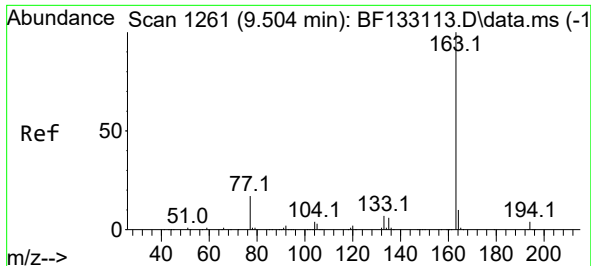
Tgt Ion:330 Resp: 336271
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 32.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 59.875 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

Tgt Ion:172 Resp: 1490357
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.1 19.4 29.2

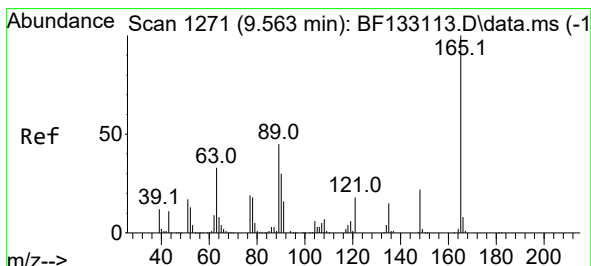
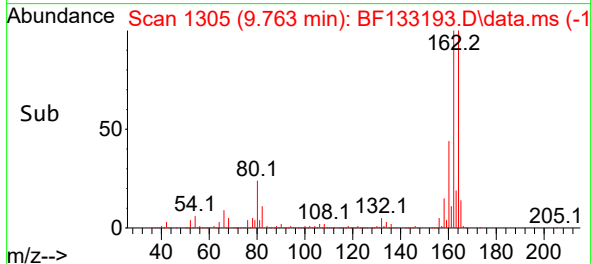
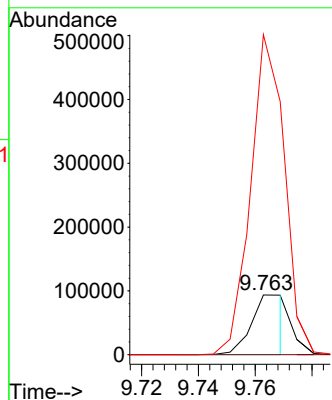
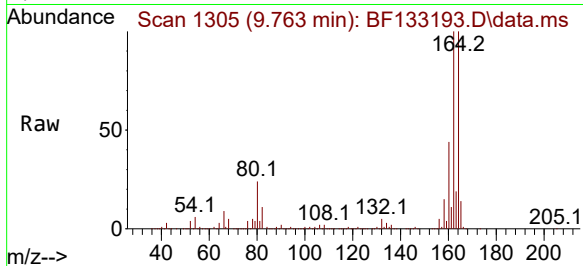




#50
Dimethylphthalate
Concen: 2.699 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.265 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

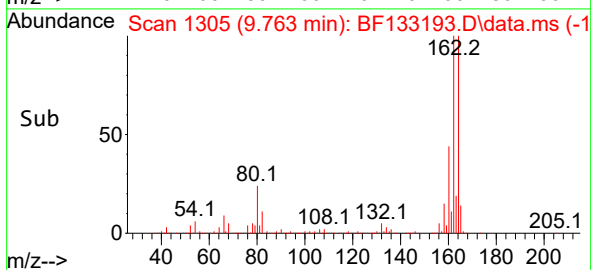
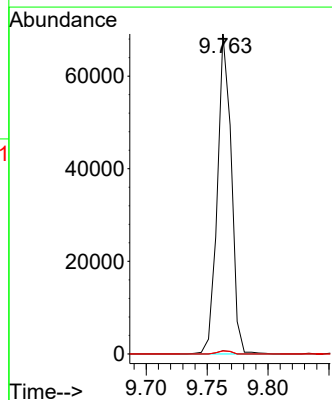
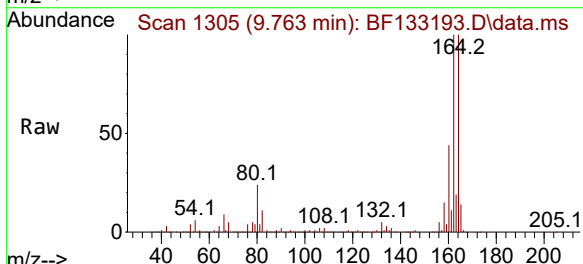
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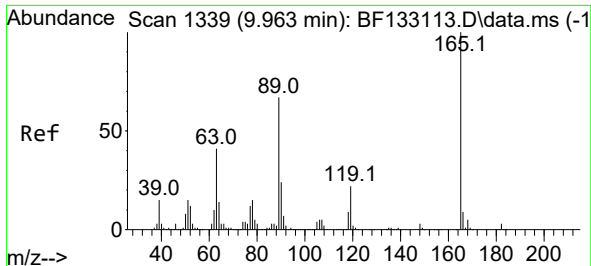
Tgt Ion:163 Resp: 78379
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 535.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.401 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

Tgt Ion:165 Resp: 54901
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 0.9 44.0 66.0#

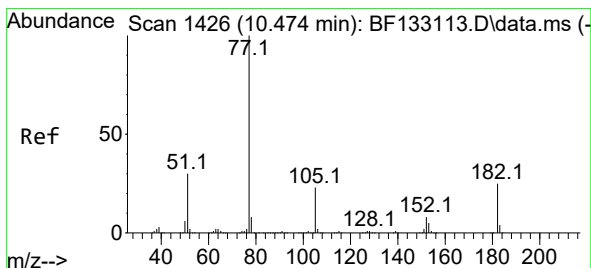
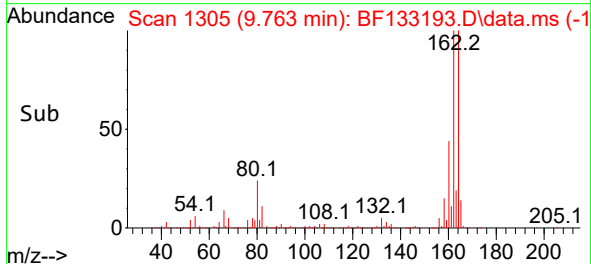
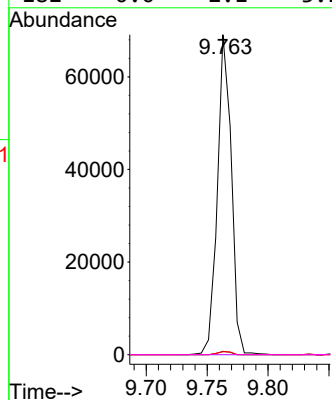
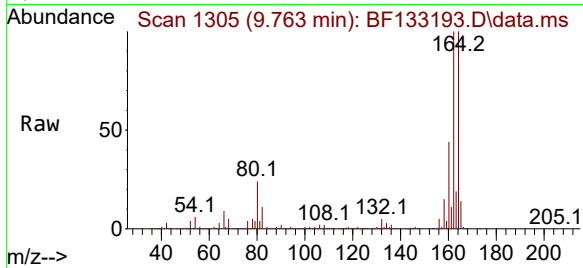




#57
2,4-Dinitrotoluene
Concen: 6.587 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

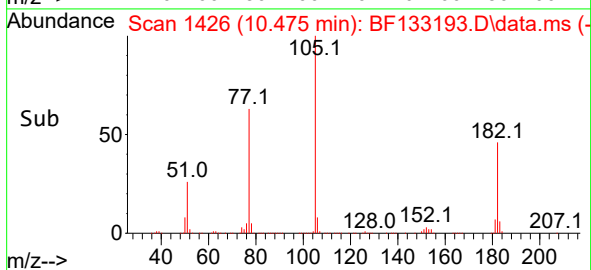
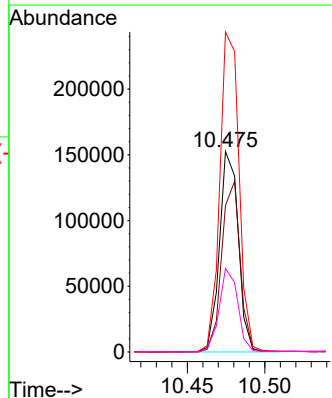
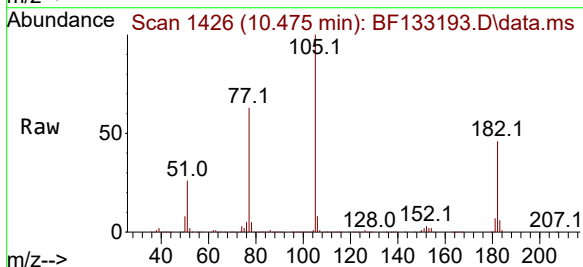
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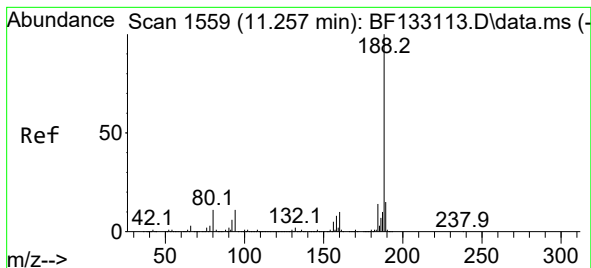
Tgt Ion:165 Resp: 54901
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 0.9 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 4.447 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

Tgt Ion: 77 Resp: 129191
Ion Ratio Lower Upper
77 100
182 73.2 5.9 45.9#
105 159.7 2.3 42.3#
51 41.6 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133193.D

Acq: 02 May 2023 17:21

Instrument :

BNA_F

ClientSampleId :

RB-1

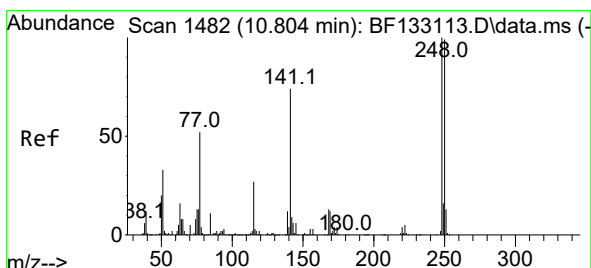
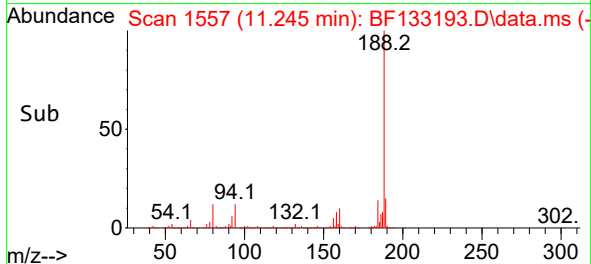
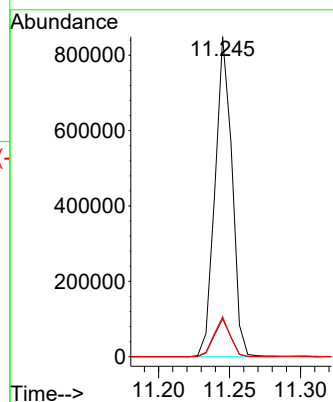
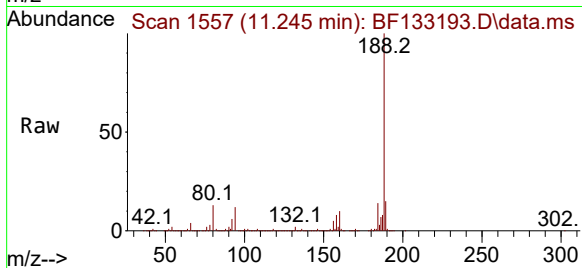
Tgt Ion:188 Resp: 705213

Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 12.5 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.717 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.253 min

Lab File: BF133193.D

Acq: 02 May 2023 17:21

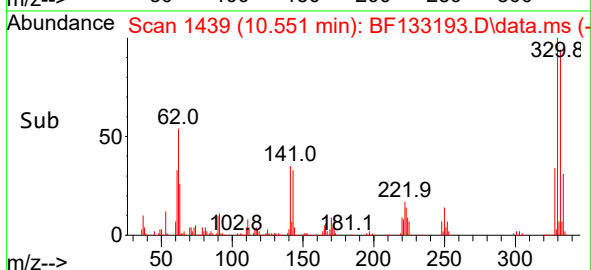
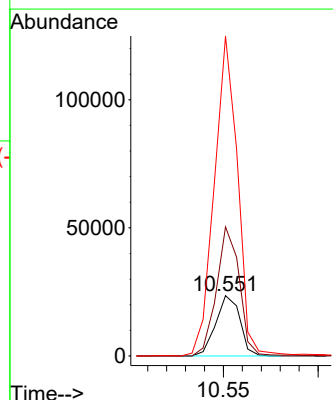
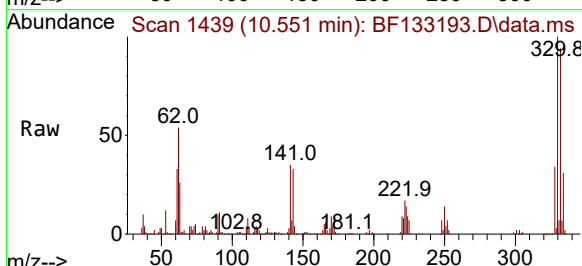
Tgt Ion:248 Resp: 20783

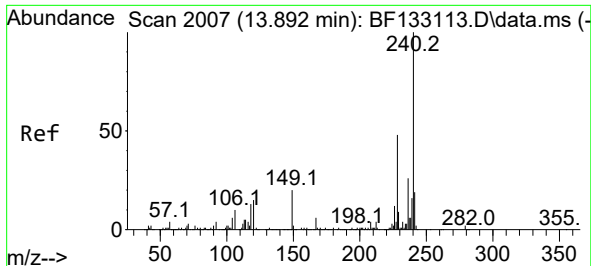
Ion Ratio Lower Upper

248 100

250 214.2 78.7 118.1#

141 530.7 56.3 84.5#

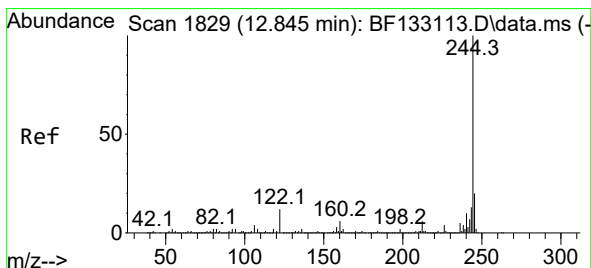
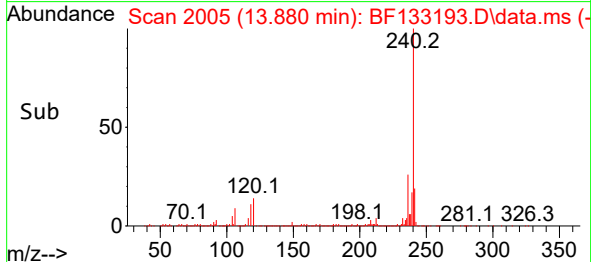
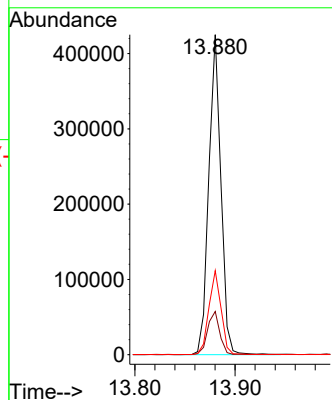
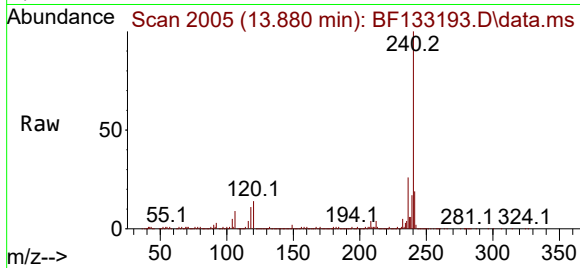




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

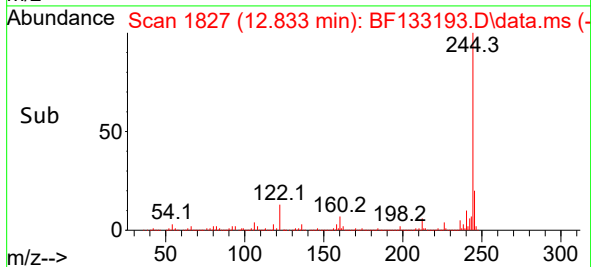
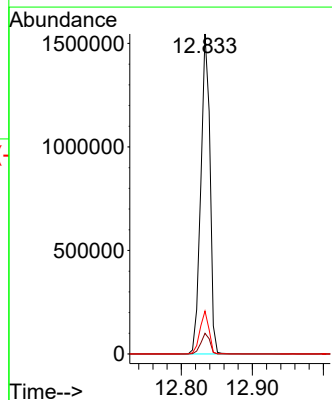
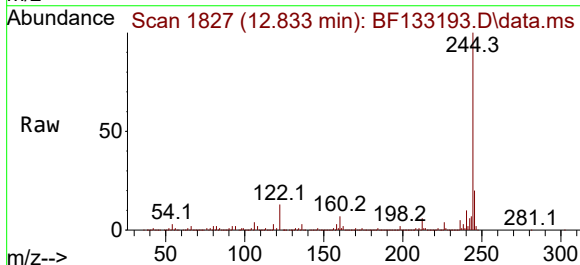
Instrument :
BNA_F
ClientSampleId :
RB-1

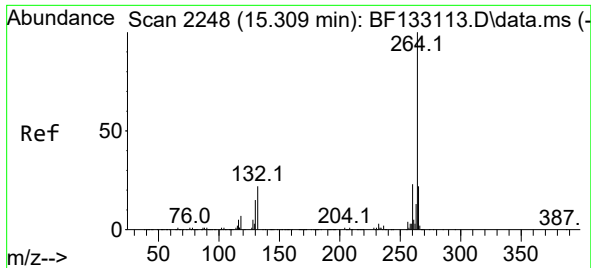
Tgt Ion:240 Resp: 359009
Ion Ratio Lower Upper
240 100
120 13.5 10.5 15.7
236 26.3 21.5 32.3



#79
Terphenyl-d14
Concen: 66.667 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

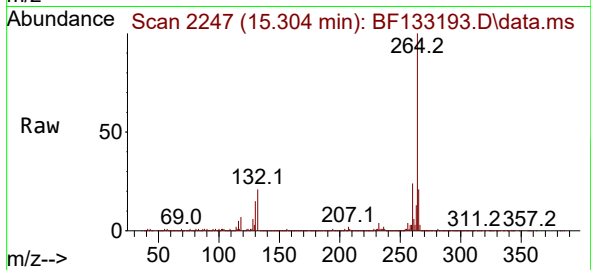
Tgt Ion:244 Resp: 1387758
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 13.4 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

Instrument :
BNA_F
ClientSampleId :
RB-1



Tgt Ion:264 Resp: 393469
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 20.8 17.0 25.4

