

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133269.D
 Acq On : 05 May 2023 18:15
 Operator : CG\JU
 Sample : 02597-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-20230503

Quant Time: May 06 05:50:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

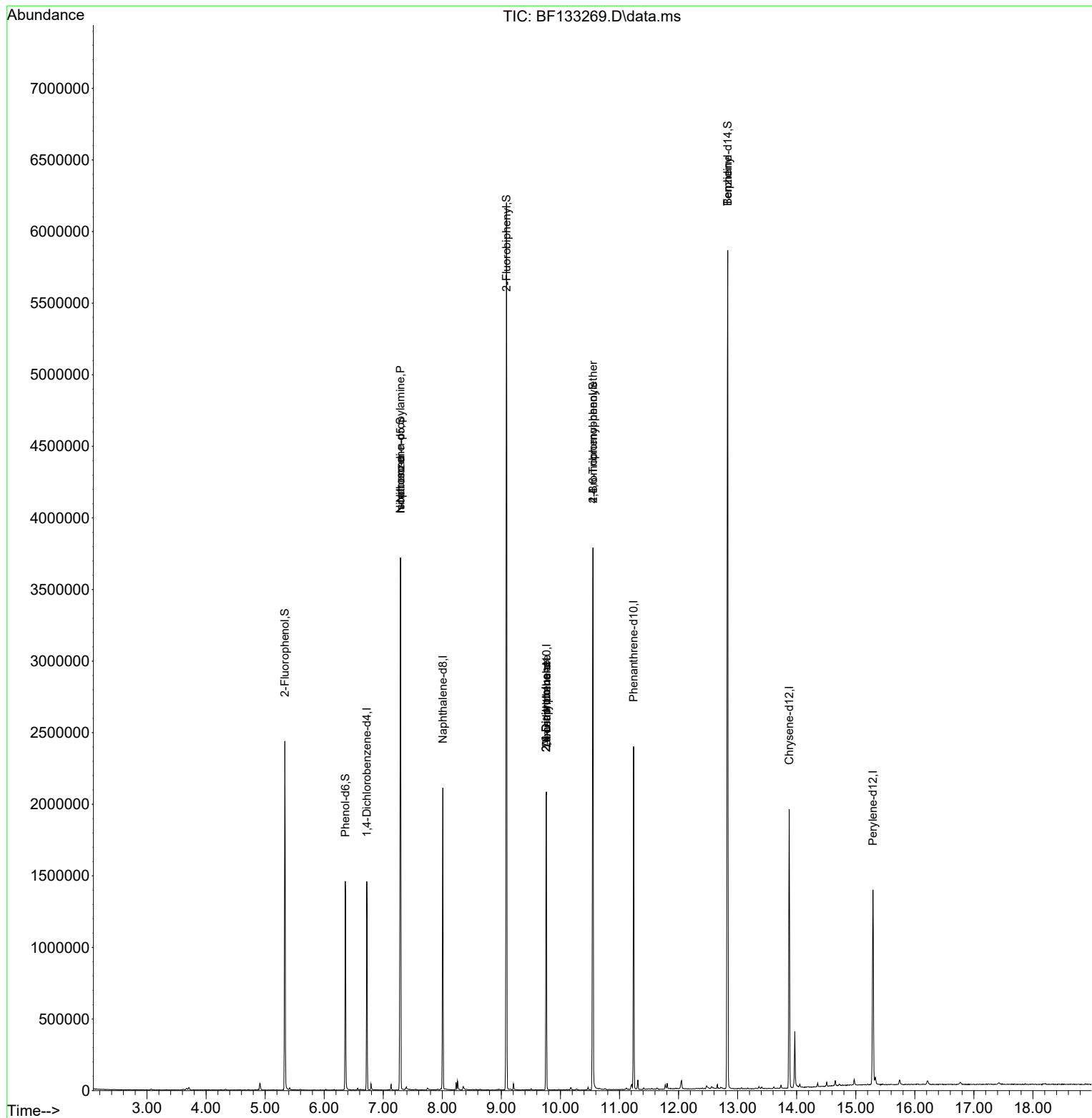
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	201572	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	807706	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	430414	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	783794	20.000	ng	0.00
76) Chrysene-d12	13.874	240	597563	20.000	ng	0.00
86) Perylene-d12	15.292	264	590304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	644593	48.307	ng	0.00
7) Phenol-d6	6.357	99	465509	28.106	ng	-0.01
23) Nitrobenzene-d5	7.292	82	1216691	81.308	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	494487	114.236	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1986776	77.225	ng	0.00
79) Terphenyl-d14	12.833	244	2361338	68.152	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	68	Below Cal	#	50
19) n-Nitroso-di-n-propyla...	7.292	70	161403	15.654	ng	# 78
25) Isophorone	7.292	82	1216671	42.823	ng	# 63
50) Dimethylphthalate	9.763	163	90159	3.004	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	56682	8.391	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	56682	6.580	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	31432	3.698	ng	# 1
77) Benzidine	12.833	184	28416	2.812	ng	# 94

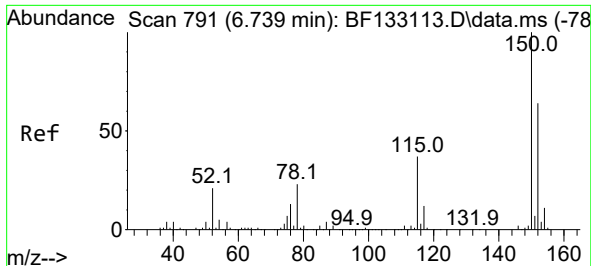
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 05 10:49:34 2023
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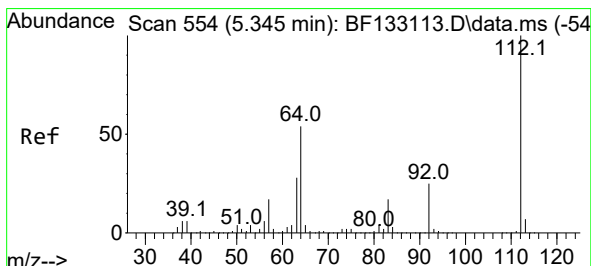
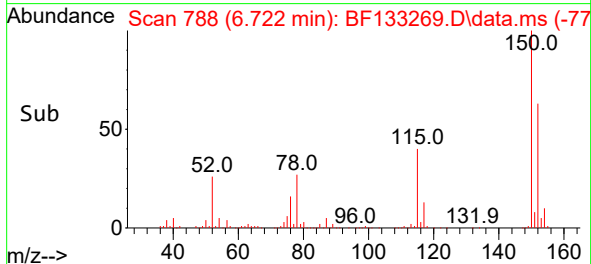
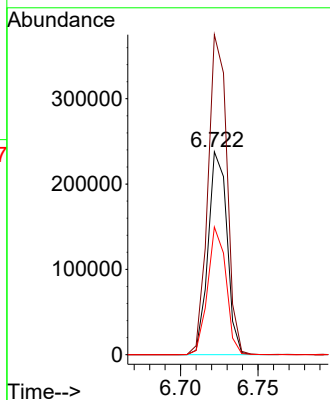
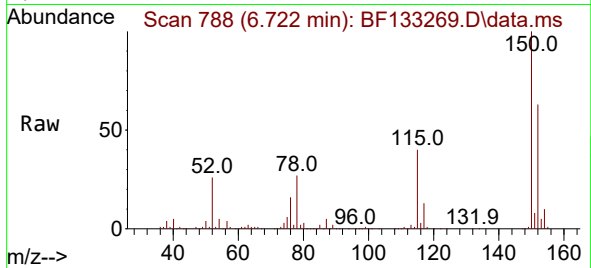




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

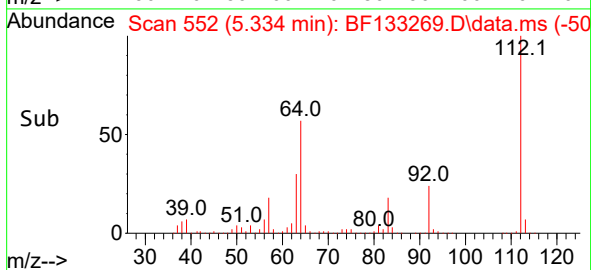
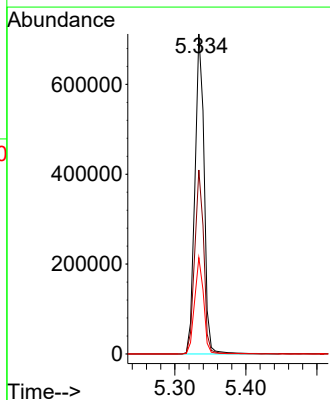
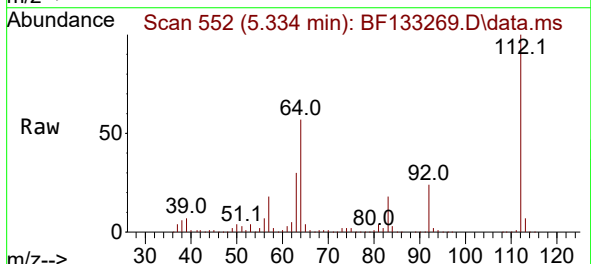
Instrument :
BNA_F
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EB-20230503

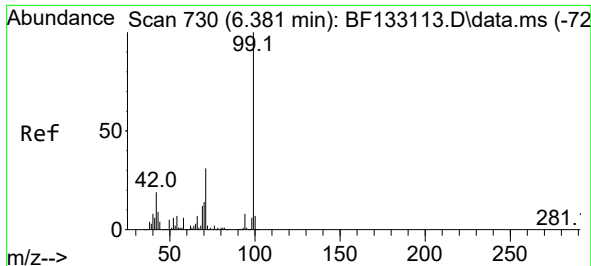
Tgt Ion:152 Resp: 201572
Ion Ratio Lower Upper
152 100
150 157.8 124.8 187.2
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 48.307 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

Tgt Ion:112 Resp: 644593
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 30.1 23.8 35.8

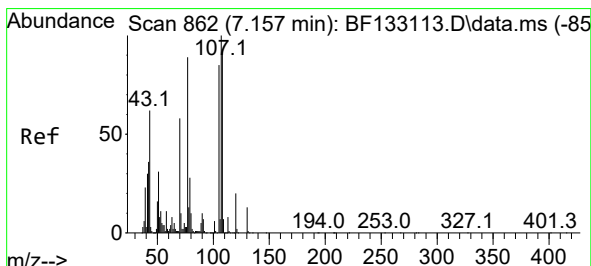
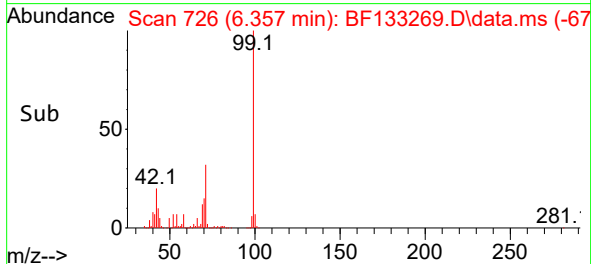
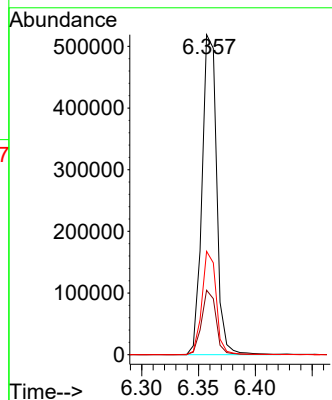
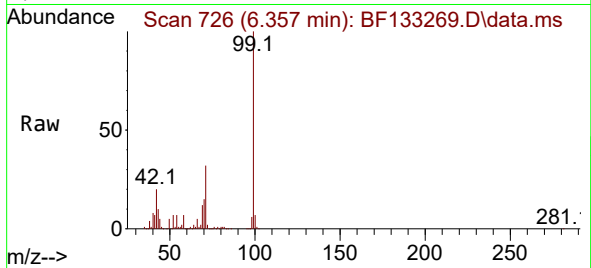




#7
Phenol-d6
Concen: 28.106 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

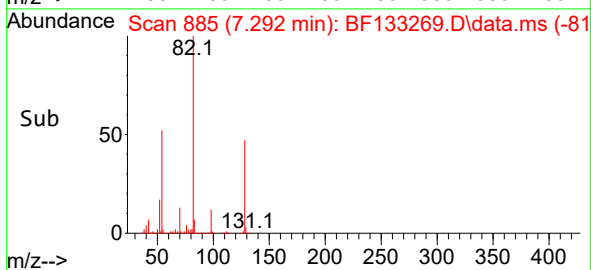
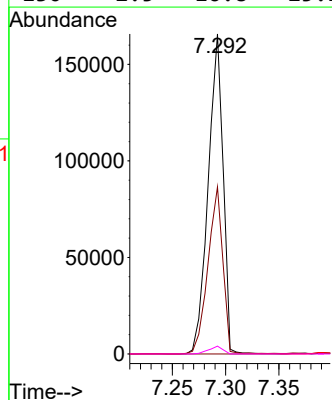
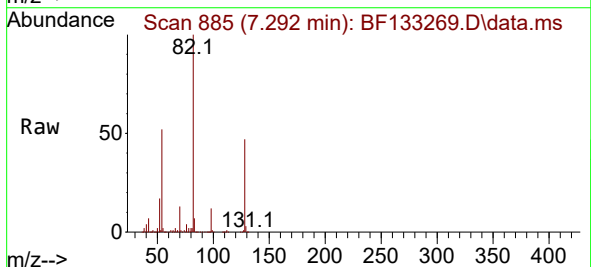
Instrument :
BNA_F
ClientSampleId :
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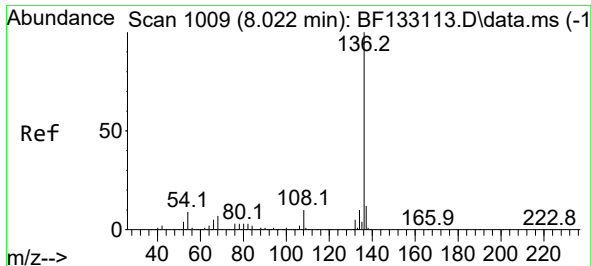
Tgt Ion: 99 Resp: 465509
Ion Ratio Lower Upper
99 100
42 20.2 16.3 24.5
71 32.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.654 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

Tgt Ion: 70 Resp: 161403
Ion Ratio Lower Upper
70 100
42 52.2 51.8 77.6
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#



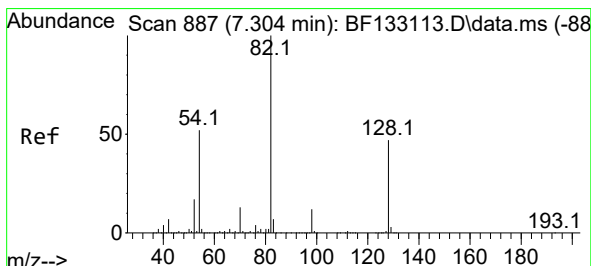
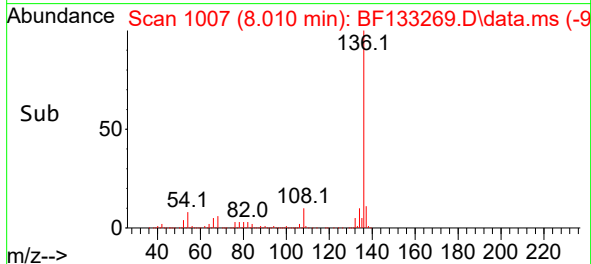
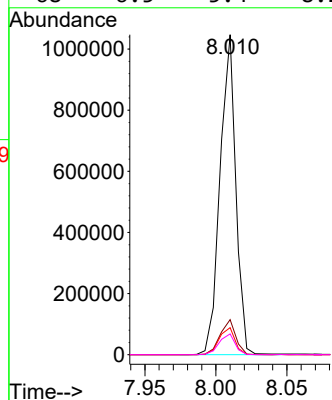
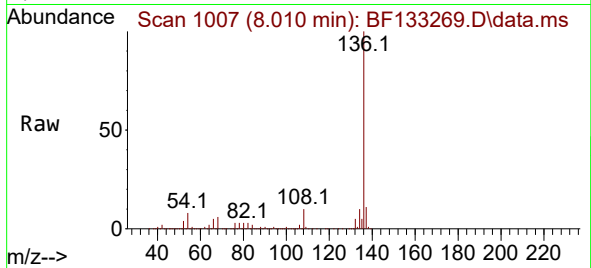


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

Instrument :
BNA_F
ClientSampleId :
EB-20230503

Tgt Ion:136 Resp: 807706

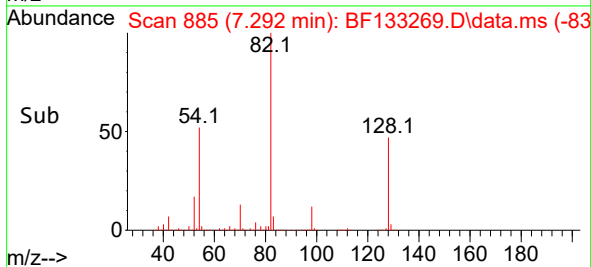
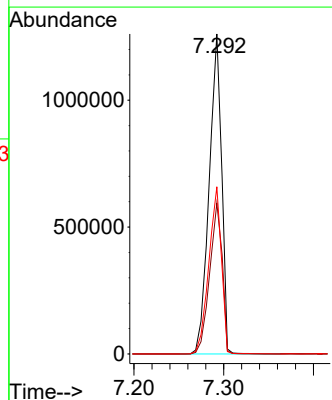
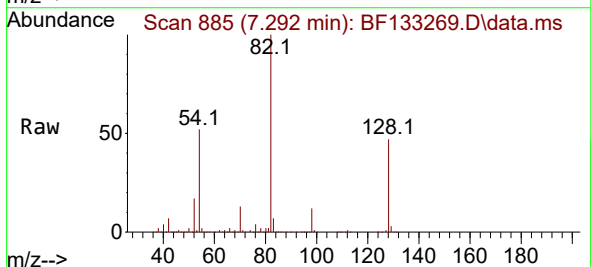
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.5	7.0	10.4
68	6.5	5.4	8.2

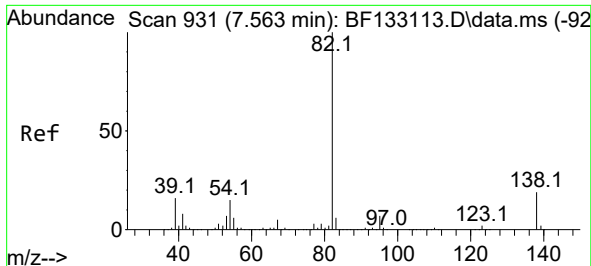


#23
Nitrobenzene-d5
Concen: 81.308 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

Tgt Ion: 82 Resp: 1216691

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.7	56.5
54	52.3	43.0	64.4

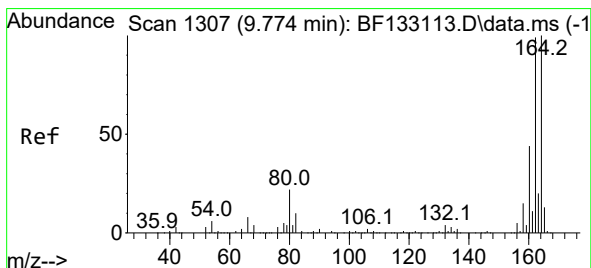
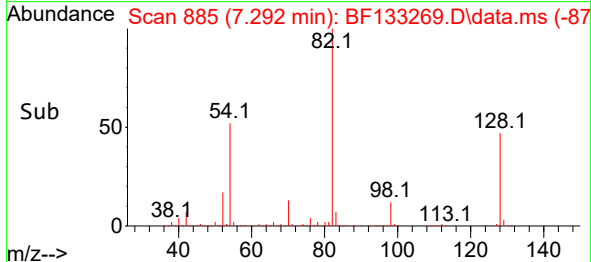
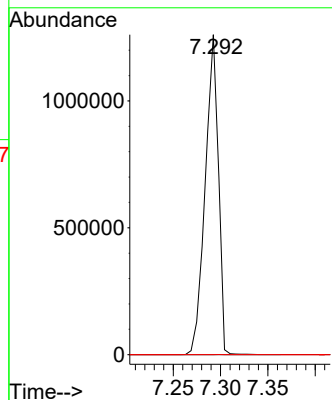
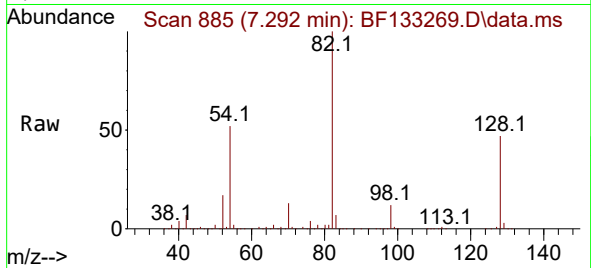




#25
Isophorone
Concen: 42.823 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

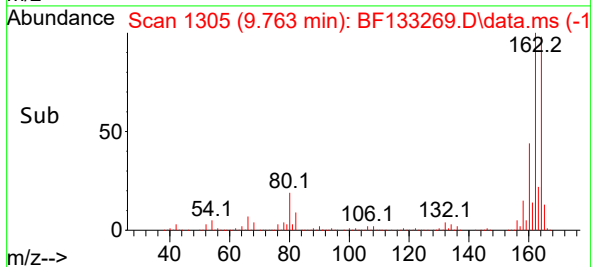
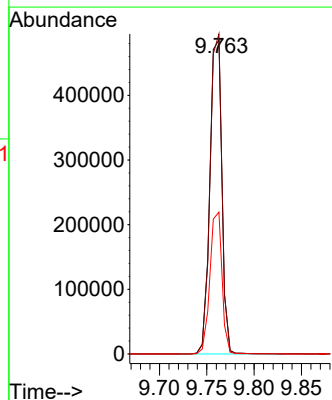
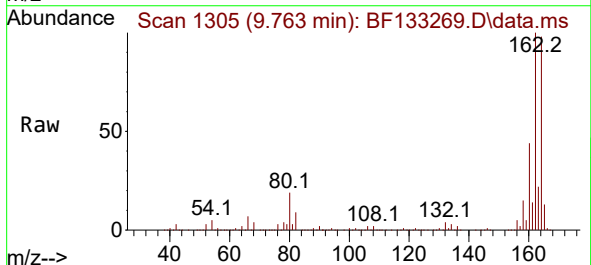
Instrument :
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ClientSampleId :
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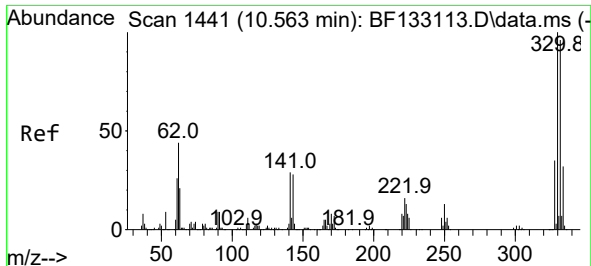
Tgt Ion: 82 Resp: 1216671
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

Tgt Ion:164 Resp: 430414
Ion Ratio Lower Upper
164 100
162 101.9 78.7 118.1
160 45.2 35.8 53.6

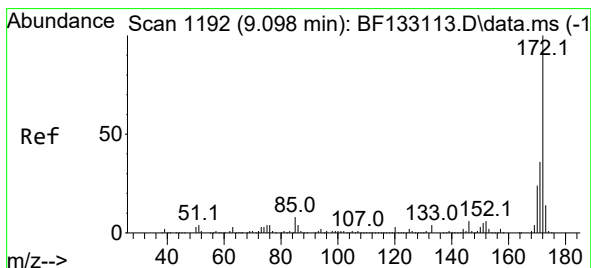
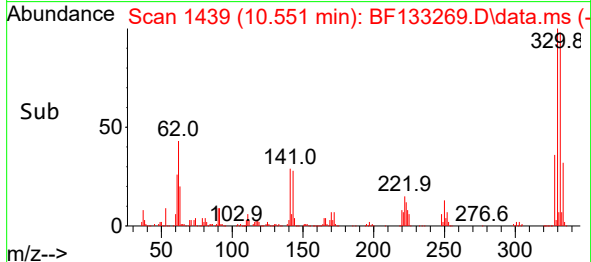
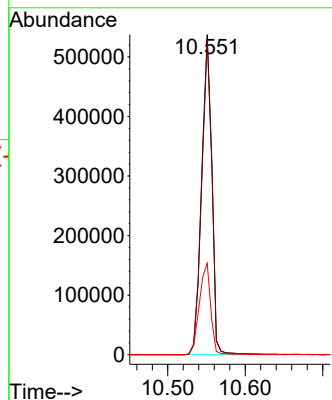
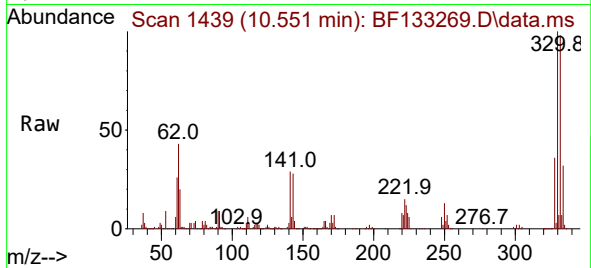




#42
2,4,6-Tribromophenol
Concen: 114.236 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

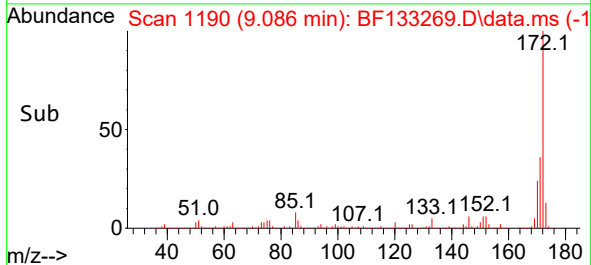
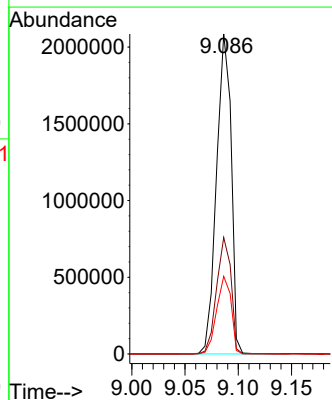
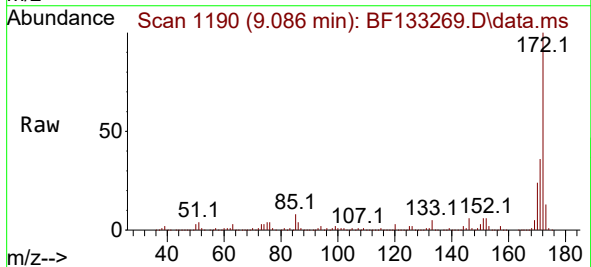
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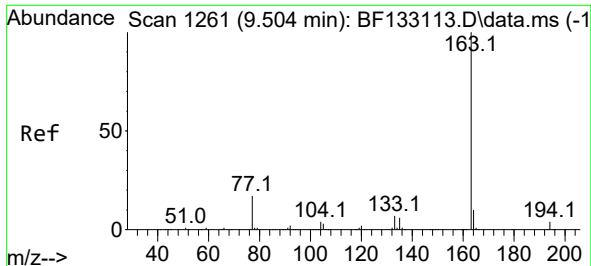
Tgt Ion:330 Resp: 494487
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 31.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.225 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

Tgt Ion:172 Resp: 1986776
Ion Ratio Lower Upper
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171 36.4 28.8 43.2
170 24.3 19.4 29.2

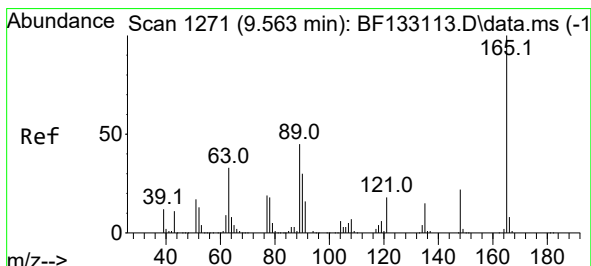
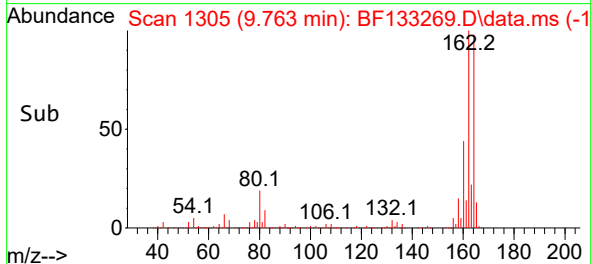
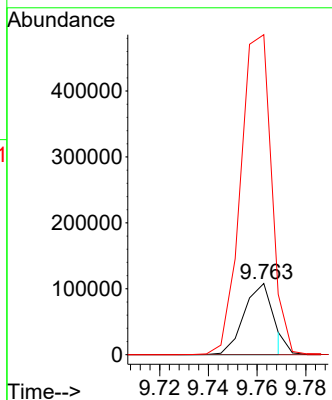
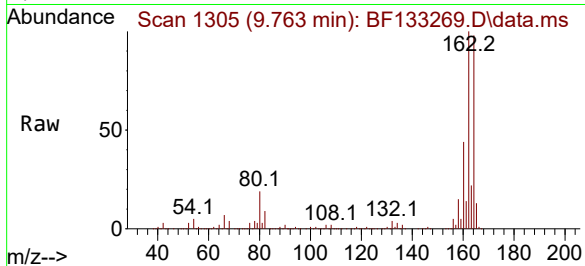




#50
Dimethylphthalate
Concen: 3.004 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.270 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

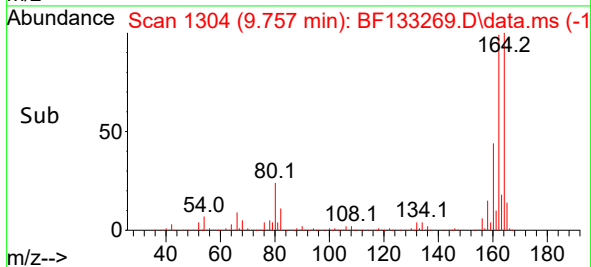
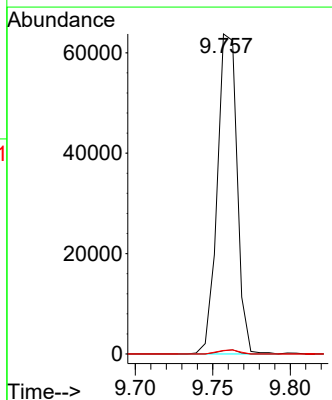
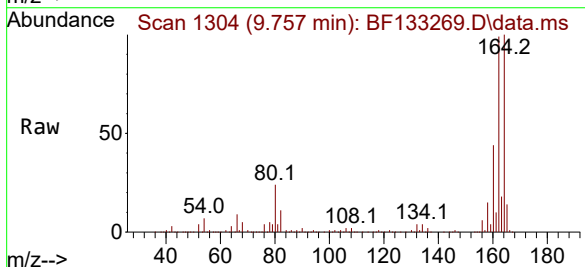
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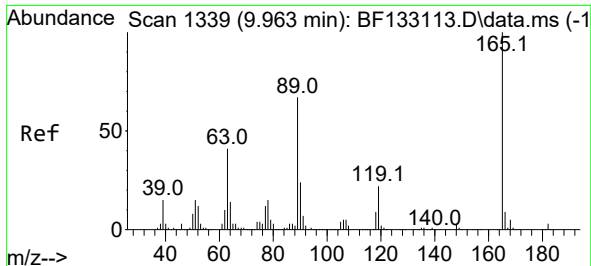
Tgt Ion:163 Resp: 90159
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 449.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.391 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

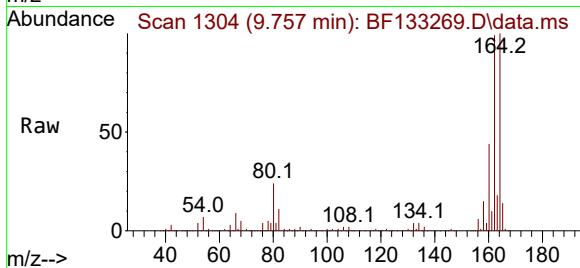
Tgt Ion:165 Resp: 56682
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.1 44.0 66.0#



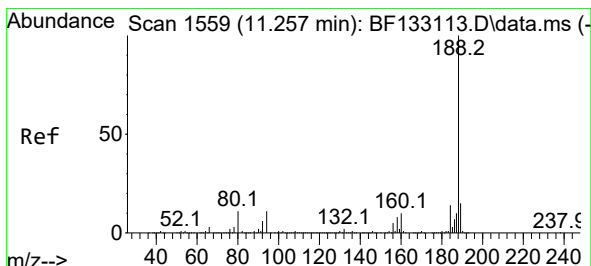
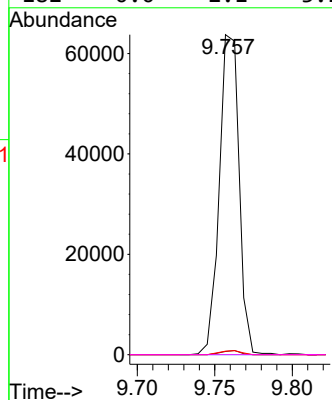
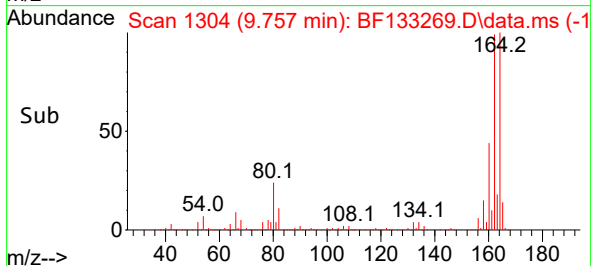


#57
2,4-Dinitrotoluene
Concen: 6.580 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

Instrument :
BNA_F
ClientSampleId :
EB-20230503

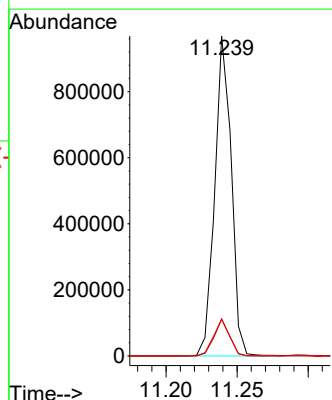
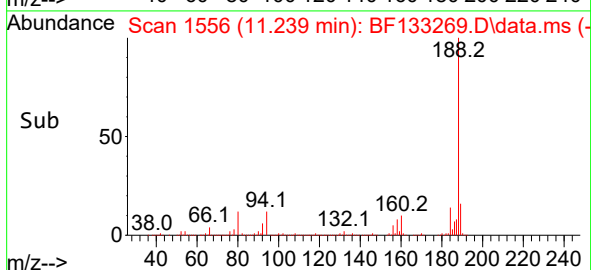
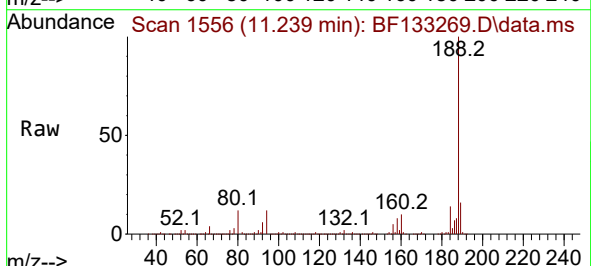


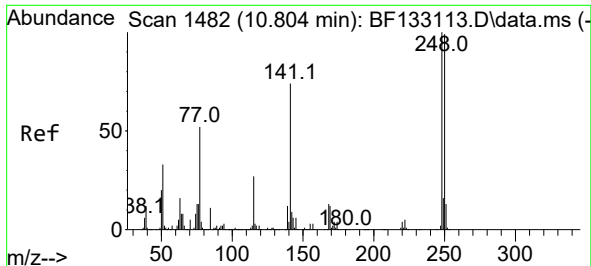
Tgt Ion:165 Resp: 56682
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

Tgt Ion:188 Resp: 783794
Ion Ratio Lower Upper
188 100
94 11.5 9.7 14.5
80 11.6 10.4 15.6

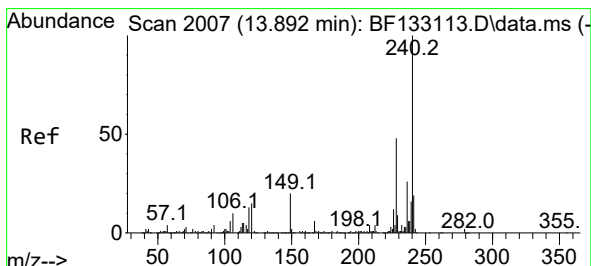
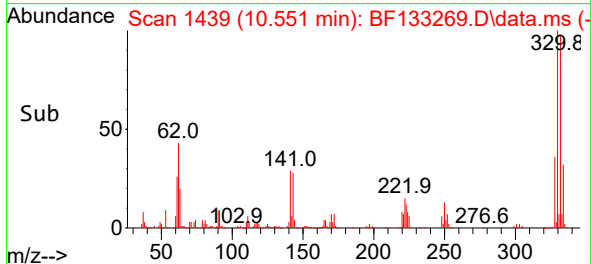
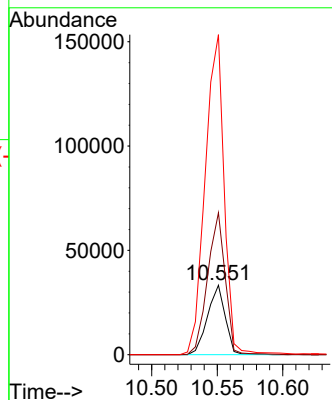
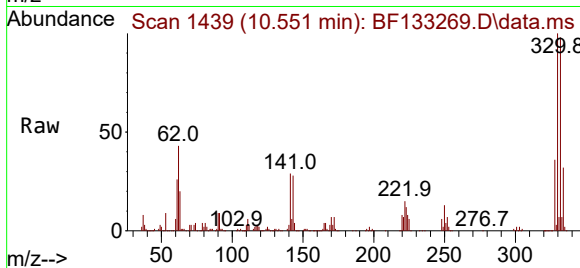




#67
4-Bromophenyl-phenylether
Concen: 3.698 ng
RT: 10.551 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

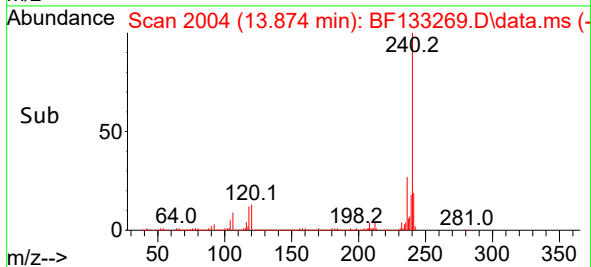
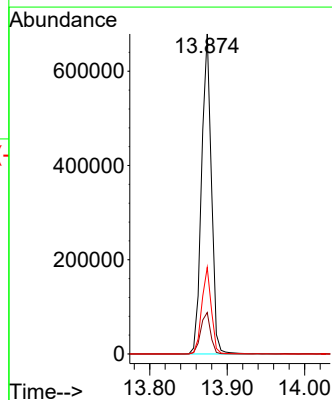
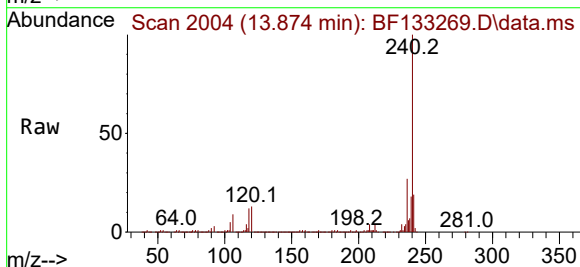
Instrument :
BNA_F
ClientSampleId :
EB-20230503

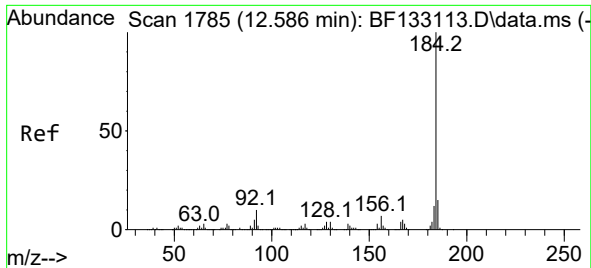
Tgt Ion:248 Resp: 31432
Ion Ratio Lower Upper
248 100
250 204.4 78.7 118.1#
141 461.2 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

Tgt Ion:240 Resp: 597563
Ion Ratio Lower Upper
240 100
120 12.9 10.5 15.7
236 27.1 21.5 32.3

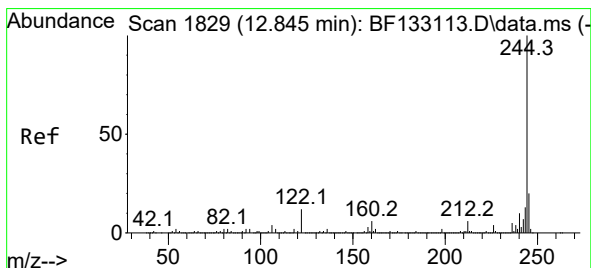
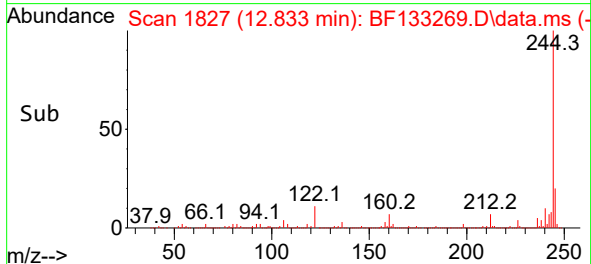
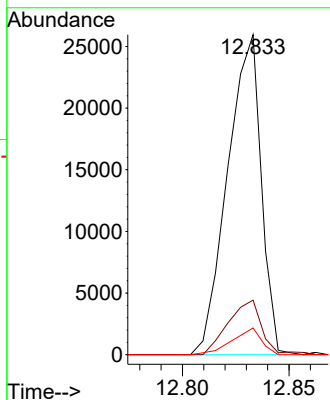
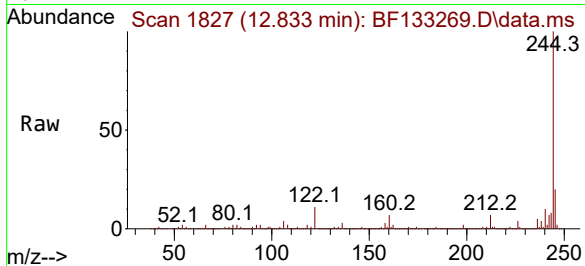




#77
Benzidine
Concen: 2.812 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.259 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

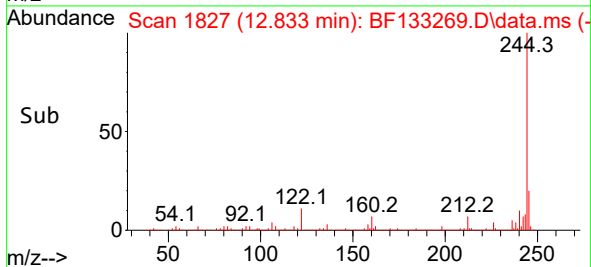
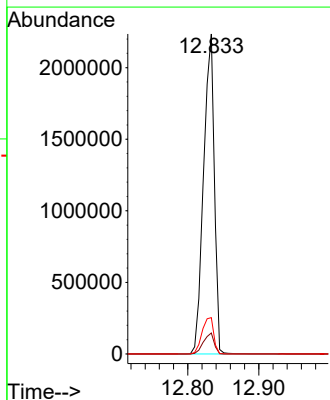
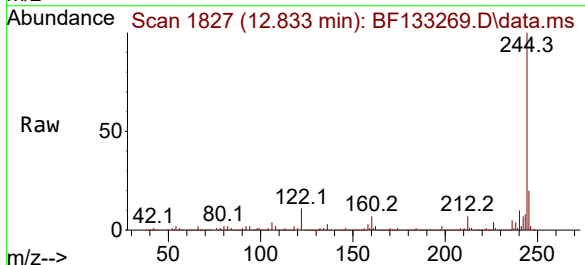
Instrument :
BNA_F
ClientSampleId :
EB-20230503

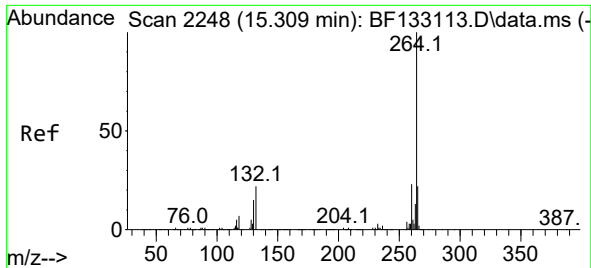
Tgt Ion:184 Resp: 28416
Ion Ratio Lower Upper
184 100
185 17.0 15.4 23.2
183 8.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 68.152 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

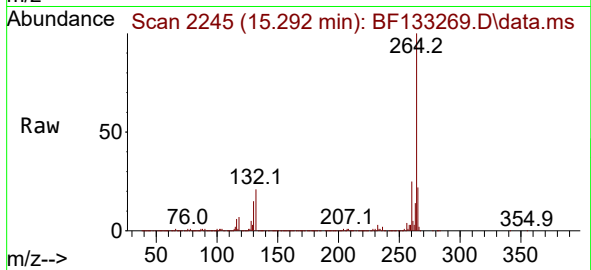
Tgt Ion:244 Resp: 2361338
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.4 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133269.D
Acq: 05 May 2023 18:15

Instrument :
BNA_F
ClientSampleId :
EB-20230503



Tgt Ion:264 Resp: 590304
Ion Ratio Lower Upper
264 100
260 24.9 18.8 28.2
265 21.9 17.0 25.4

