

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133194.D
 Acq On : 02 May 2023 17:52
 Operator : CG\JU
 Sample : 02571-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OE-3-050123

Quant Time: May 03 06:20:40 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)

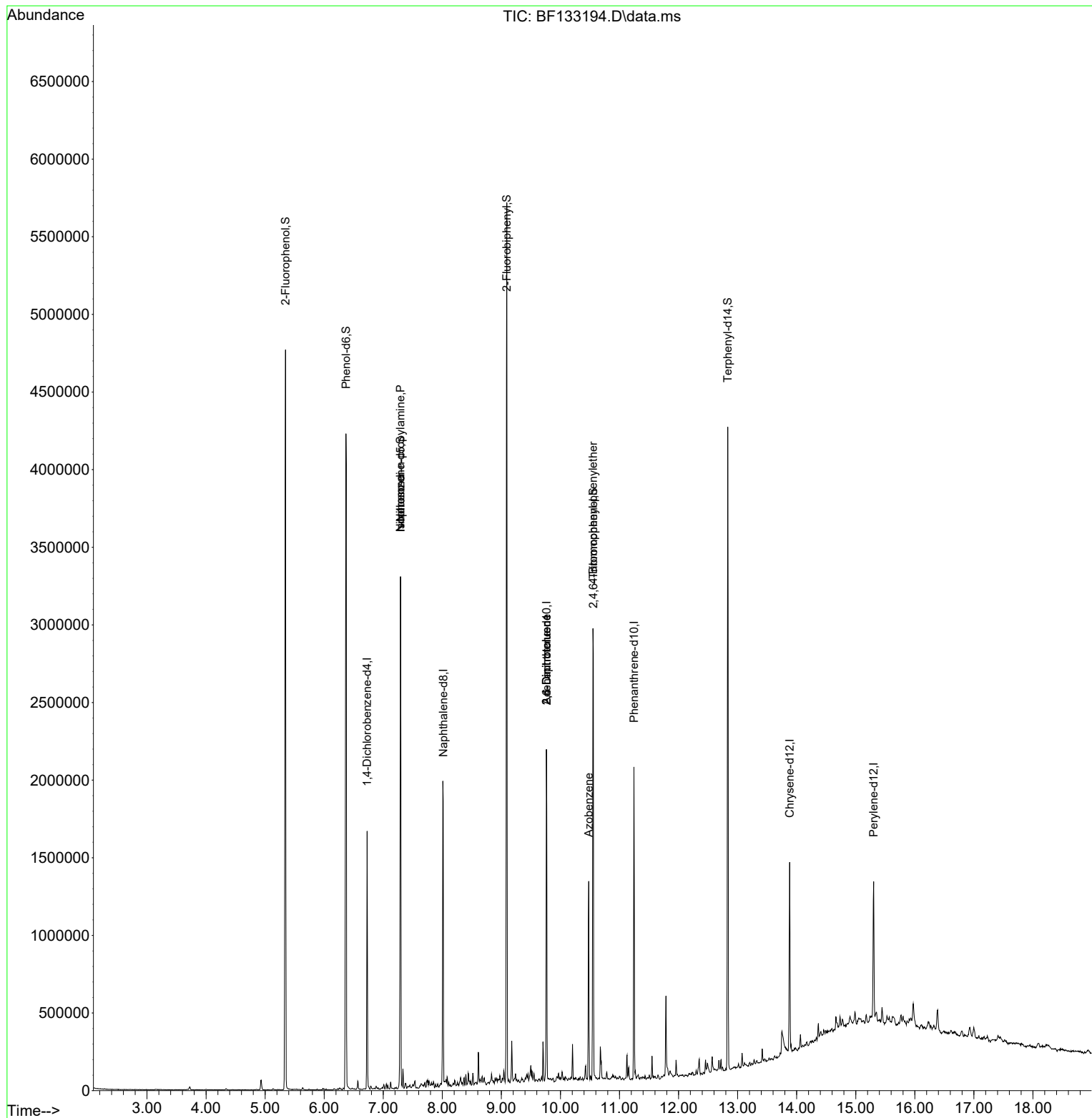
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	208861	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	816971	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	414273	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	661508	20.000	ng	0.00
76) Chrysene-d12	13.880	240	364665	20.000	ng	-0.01
86) Perylene-d12	15.304	264	376699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1369736	99.068	ng	0.00
7) Phenol-d6	6.369	99	1705607	99.387	ng	0.00
23) Nitrobenzene-d5	7.292	82	1011948	66.859	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	381936	91.673	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1681101	67.890	ng	0.00
79) Terphenyl-d14	12.833	244	1443227	68.257	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	499	Below Cal	#	71
19) n-Nitroso-di-n-propyla...	7.292	70	135210	12.656	ng	# 77
25) Isophorone	7.292	82	1006384	35.020	ng	# 63
51) 2,6-Dinitrotoluene	9.763	165	54272	8.348	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	54272	6.546	ng	# 24
63) Azobenzene	10.480	77	205886	7.123	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	24938	3.476	ng	# 1

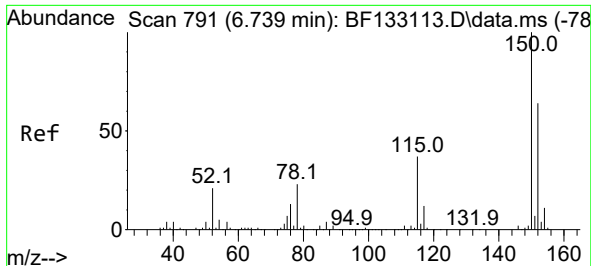
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 03 04:52:44 2023
Response via : Initial Calibration

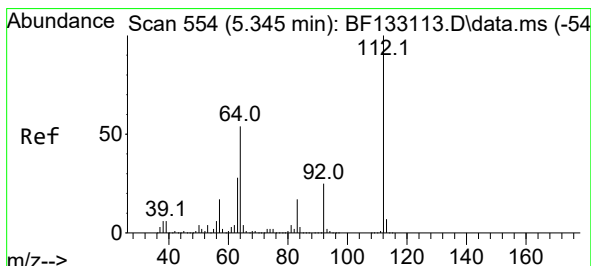
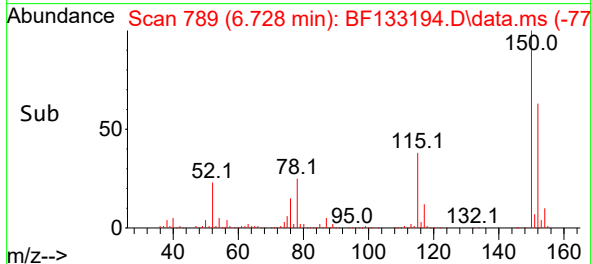
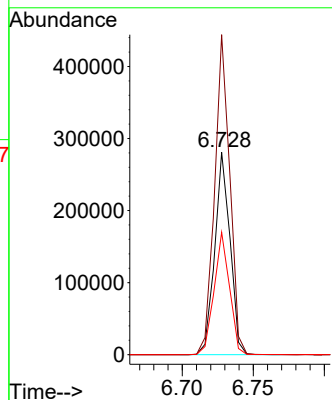
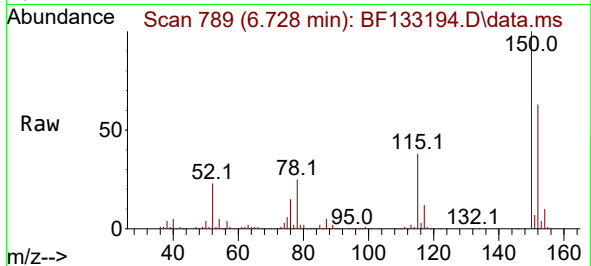




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133194.D
 Acq: 02 May 2023 17:52

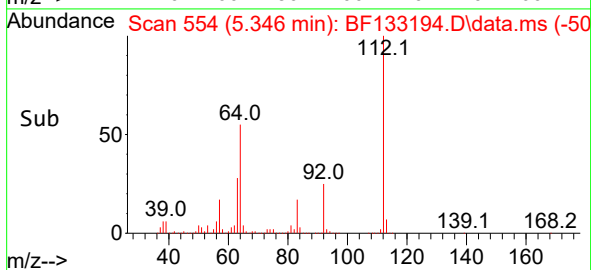
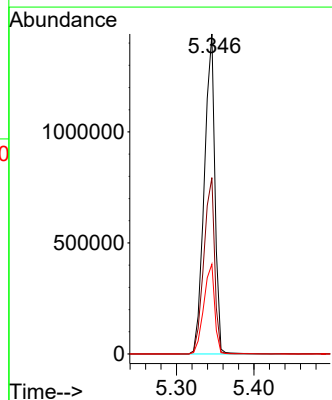
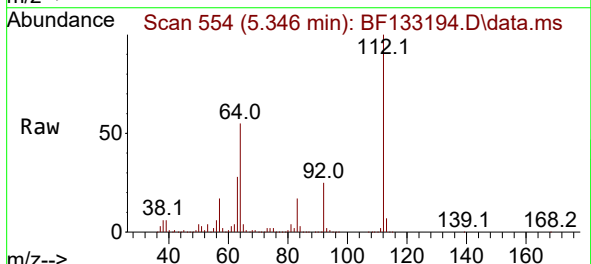
Instrument :
 BNA_F
 ClientSampleId :
 OE-3-050123

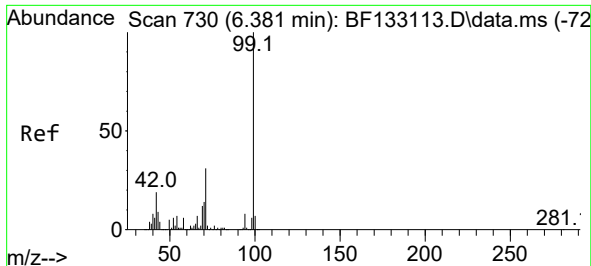
Tgt Ion:152 Resp: 208861
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.8 187.2
 115 60.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 99.068 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF133194.D
 Acq: 02 May 2023 17:52

Tgt Ion:112 Resp: 1369736
 Ion Ratio Lower Upper
 112 100
 64 55.1 46.8 70.2
 63 28.1 23.8 35.8

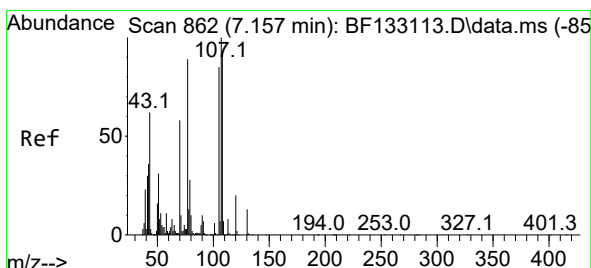
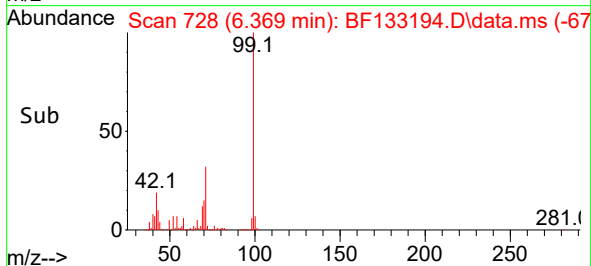
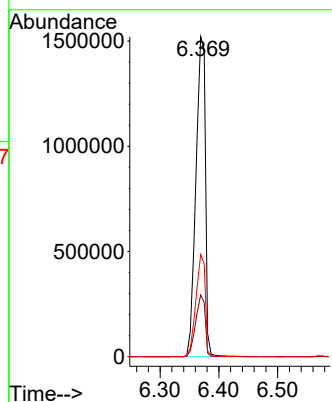
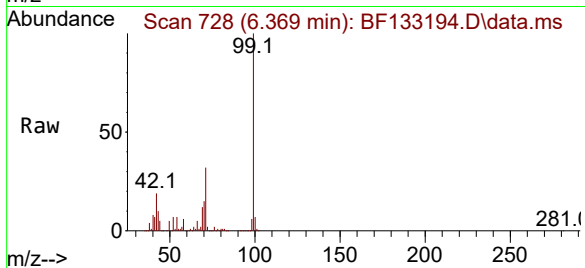




#7
Phenol-d6
Concen: 99.387 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

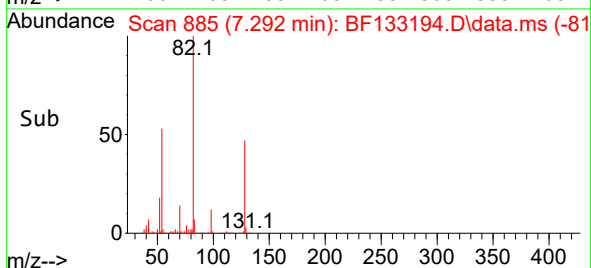
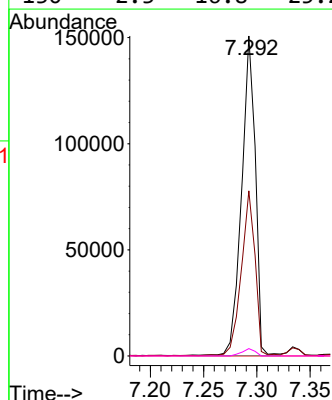
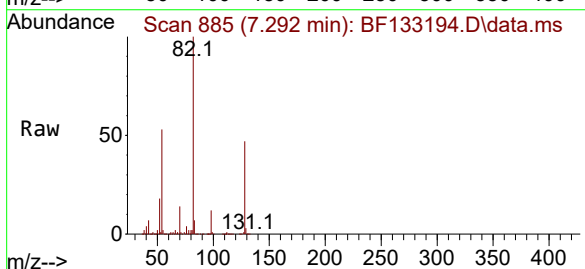
Instrument :
BNA_F
ClientSampleId :
OE-3-050123

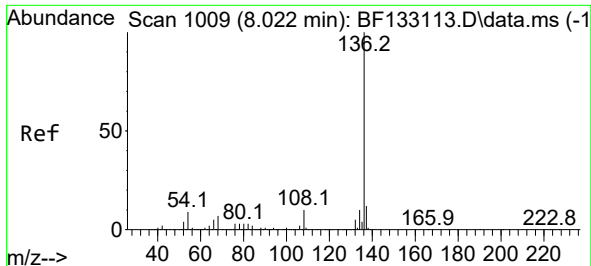
Tgt Ion: 99 Resp: 1705607
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.656 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

Tgt Ion: 70 Resp: 135210
Ion Ratio Lower Upper
70 100
42 51.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#



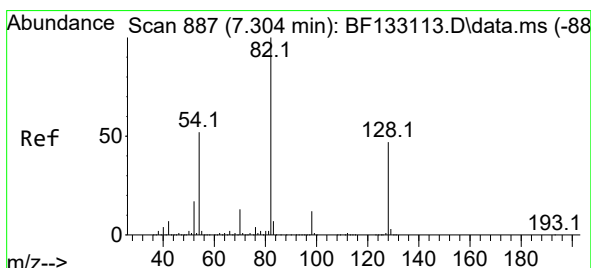
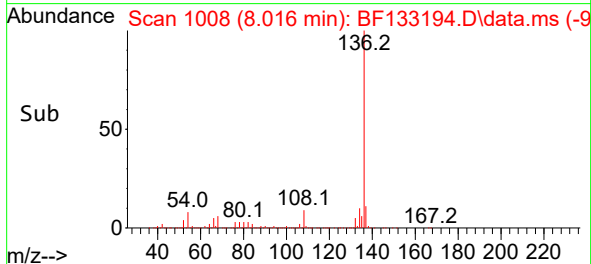
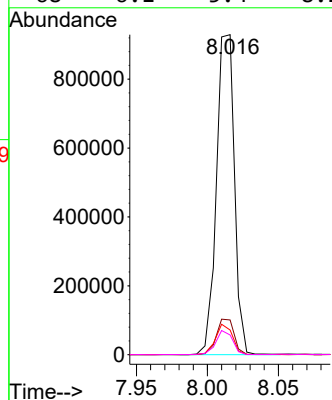
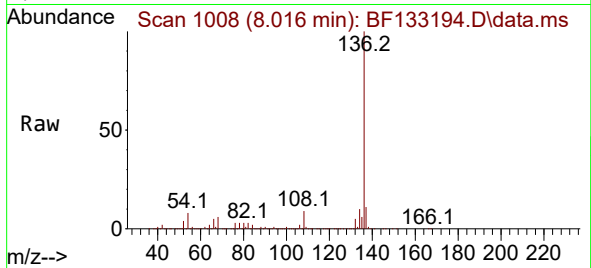


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

Instrument :
BNA_F
ClientSampleId :
OE-3-050123

Tgt Ion:136 Resp: 816971

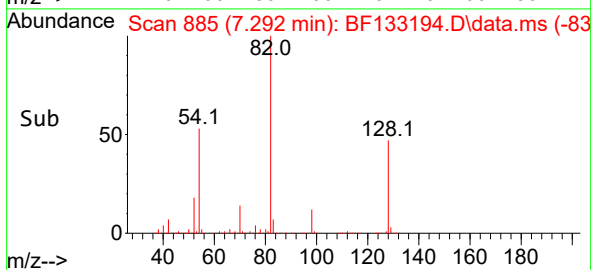
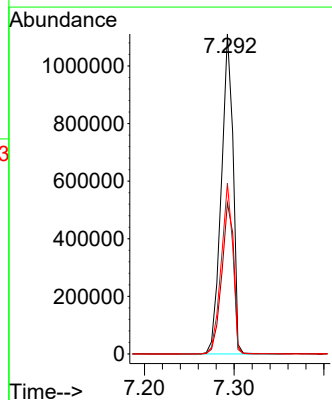
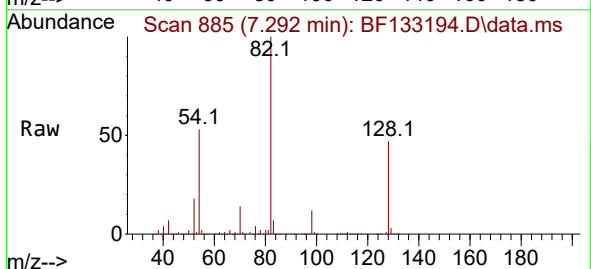
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.7	7.0	10.4
68	6.1	5.4	8.2

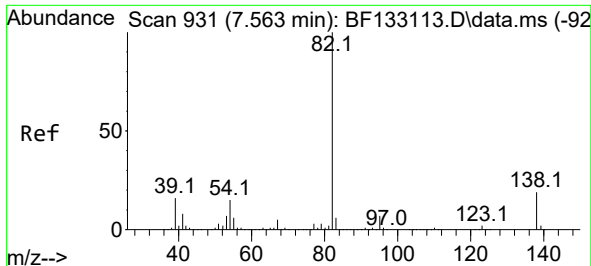


#23
Nitrobenzene-d5
Concen: 66.859 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

Tgt Ion: 82 Resp: 1011948

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.7	56.5
54	53.4	43.0	64.4

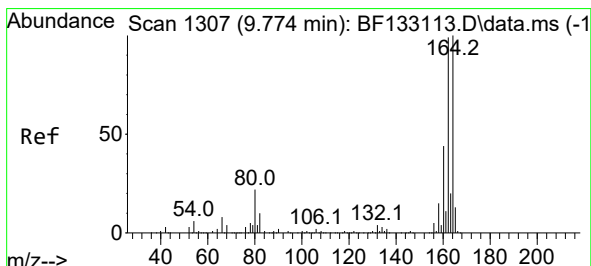
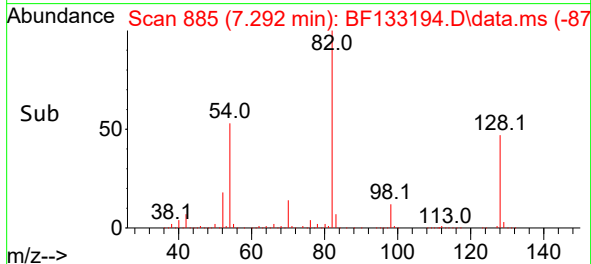
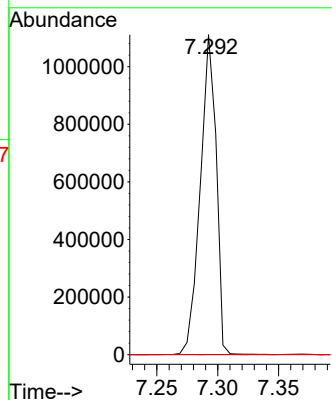
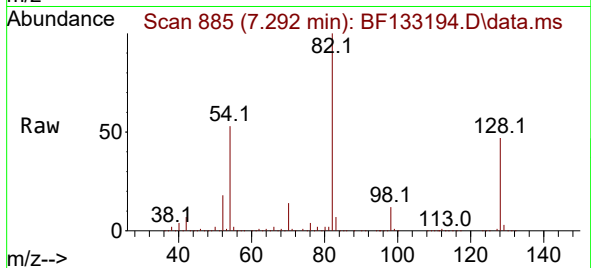




#25
Isophorone
Concen: 35.020 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

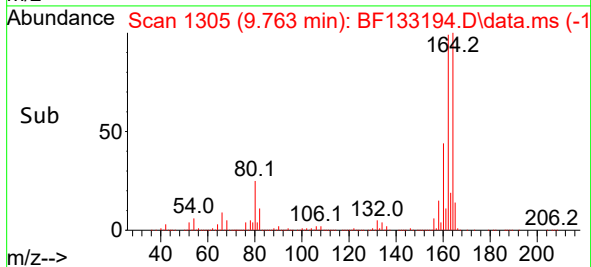
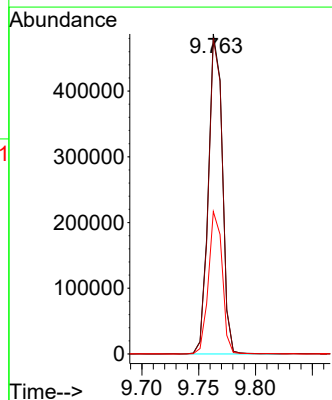
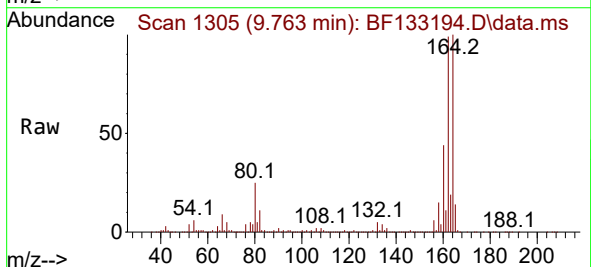
Instrument :
BNA_F
ClientSampleId :
OE-3-050123

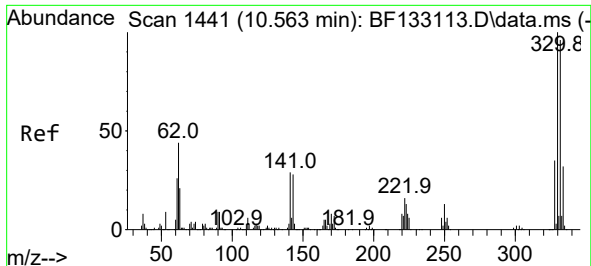
Tgt Ion: 82 Resp: 1006384
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

Tgt Ion:164 Resp: 414273
Ion Ratio Lower Upper
164 100
162 98.6 78.7 118.1
160 44.5 35.8 53.6

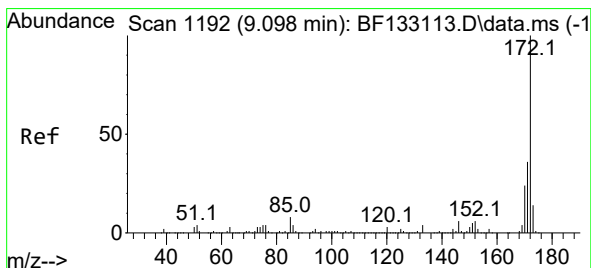
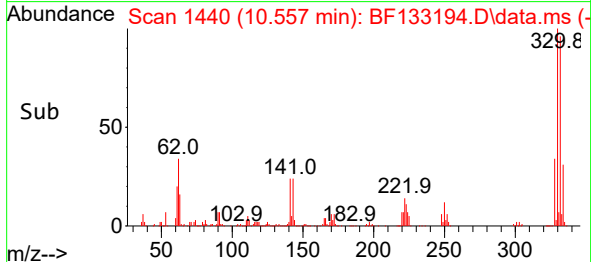
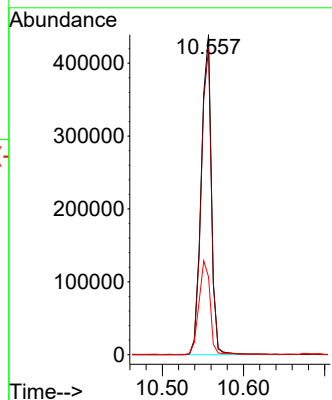
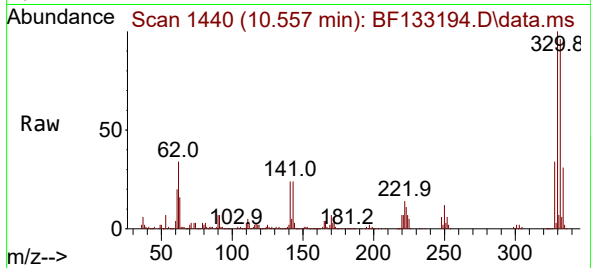




#42
2,4,6-Tribromophenol
Concen: 91.673 ng
RT: 10.557 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

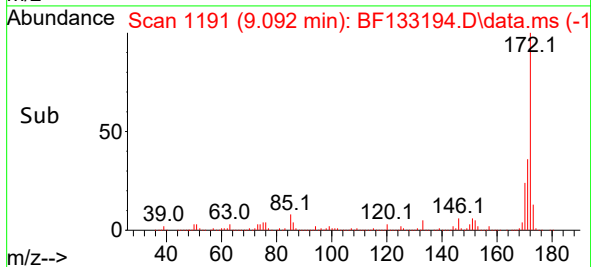
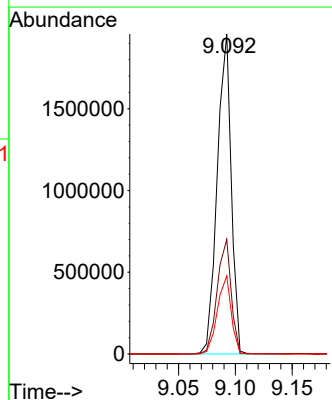
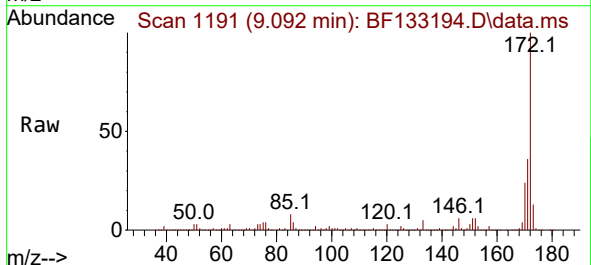
Instrument :
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ClientSampleId :
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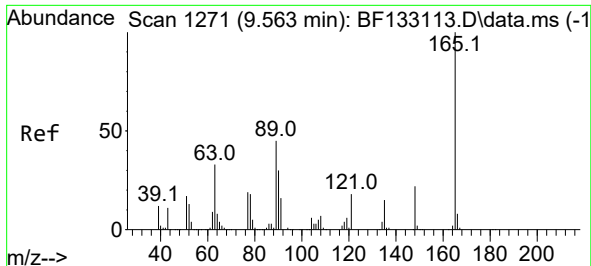
Tgt Ion:330 Resp: 381936
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 32.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 67.890 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

Tgt Ion:172 Resp: 1681101
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.4 19.4 29.2

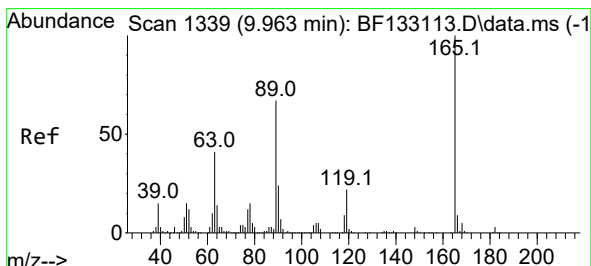
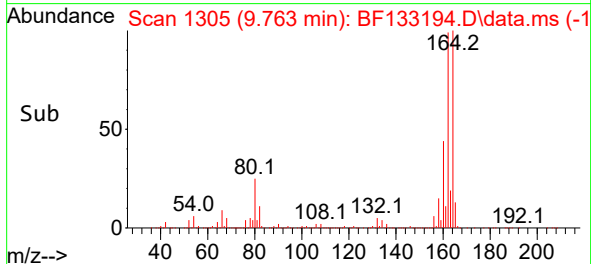
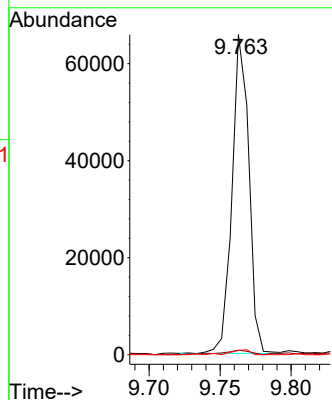
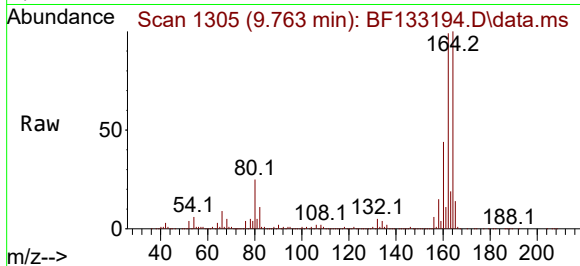




#51
2,6-Dinitrotoluene
Concen: 8.348 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

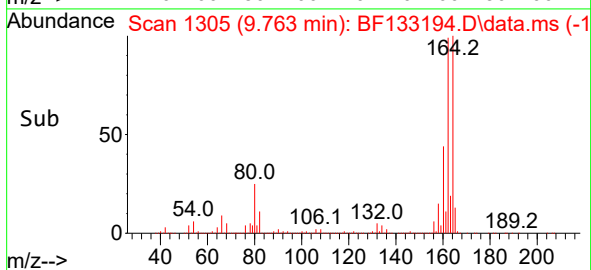
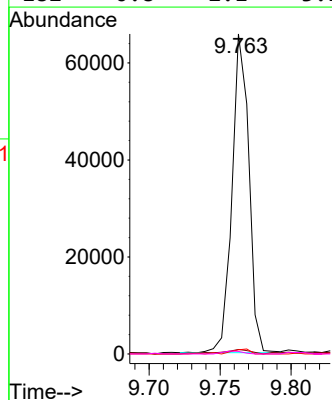
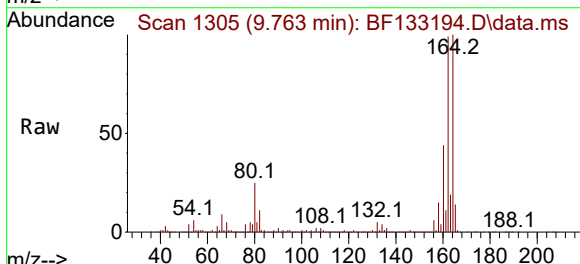
Instrument :
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ClientSampleId :
OE-3-050123

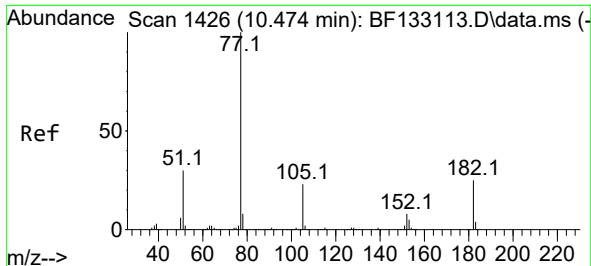
Tgt Ion:165 Resp: 54272
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 1.3 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.546 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.200 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

Tgt Ion:165 Resp: 54272
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 1.3 57.0 85.4#
182 0.8 2.1 3.1#

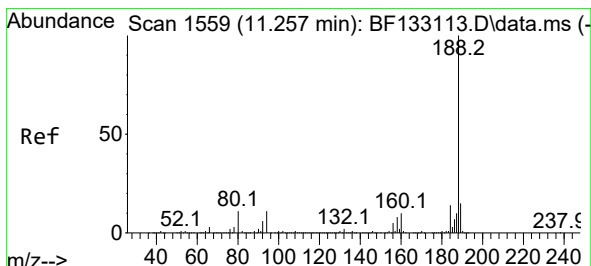
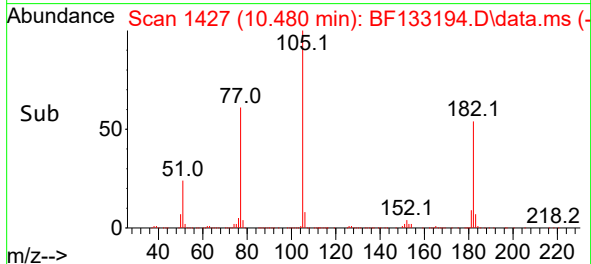
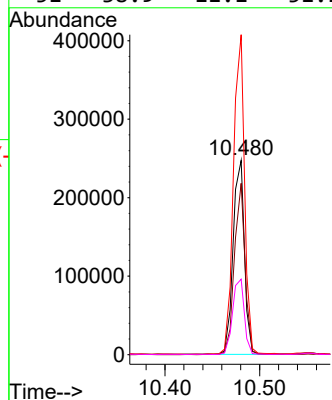
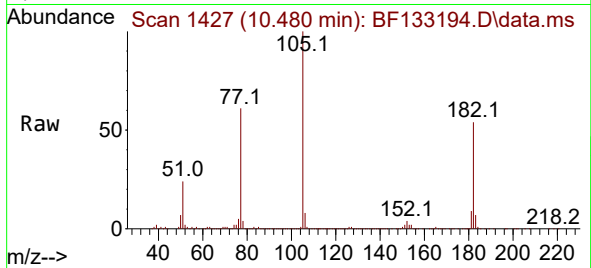




#63
Azobenzene
Concen: 7.123 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

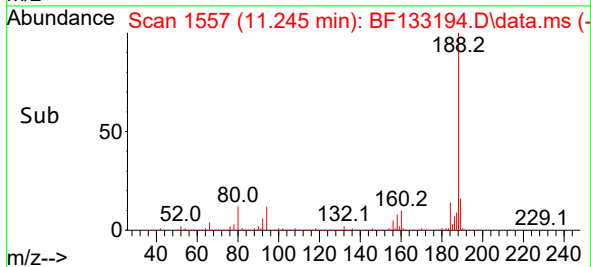
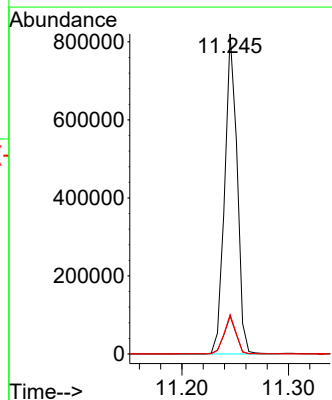
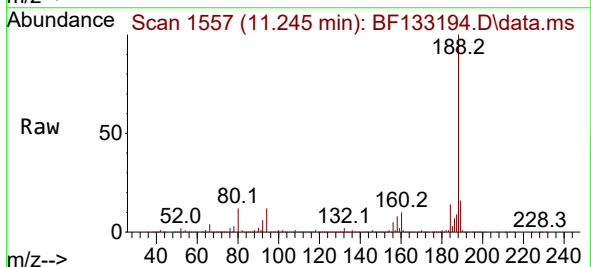
Instrument :
BNA_F
ClientSampleId :
OE-3-050123

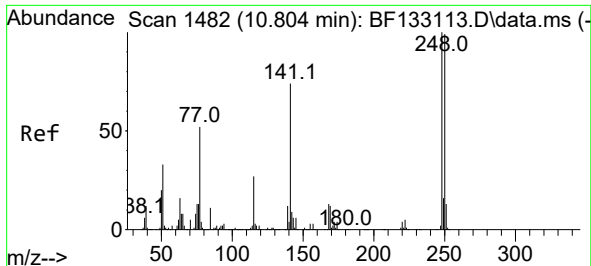
Tgt Ion: 77 Resp: 205886
Ion Ratio Lower Upper
77 100
182 88.2 5.9 45.9#
105 164.7 2.3 42.3#
51 38.9 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

Tgt Ion: 188 Resp: 661508
Ion Ratio Lower Upper
188 100
94 11.8 9.7 14.5
80 12.3 10.4 15.6

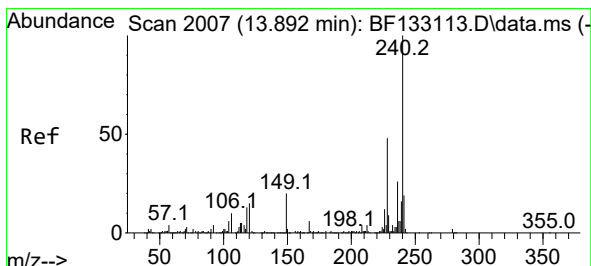
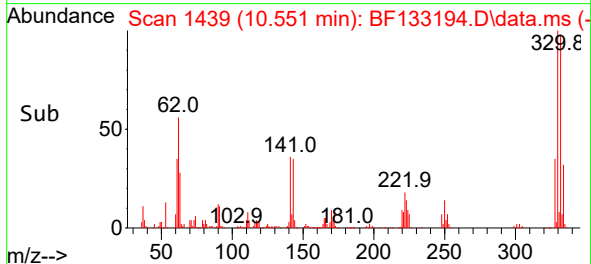
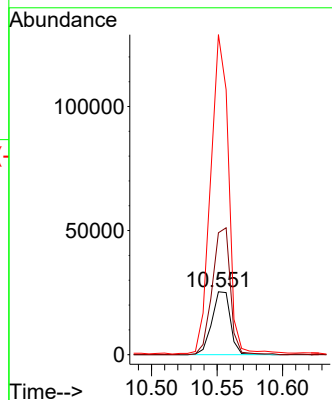
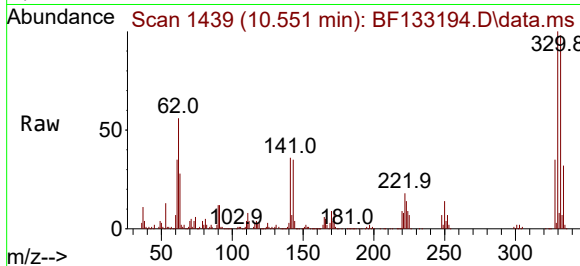




#67
4-Bromophenyl-phenylether
Concen: 3.476 ng
RT: 10.551 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

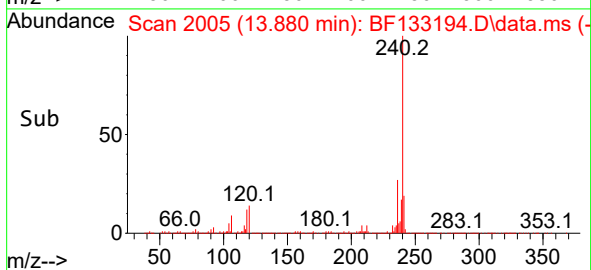
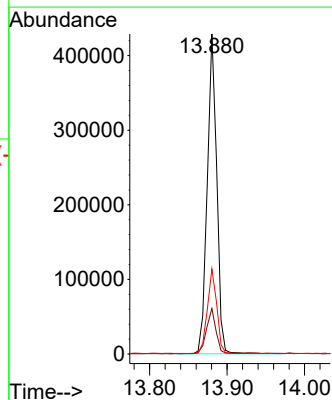
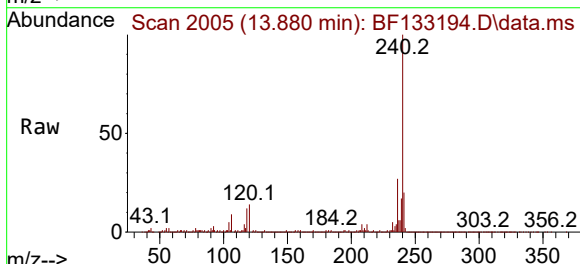
Instrument :
BNA_F
ClientSampleId :
OE-3-050123

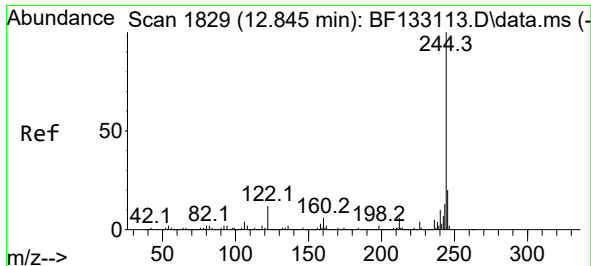
Tgt Ion:248 Resp: 24938
Ion Ratio Lower Upper
248 100
250 194.2 78.7 118.1#
141 509.4 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133194.D
Acq: 02 May 2023 17:52

Tgt Ion:240 Resp: 364665
Ion Ratio Lower Upper
240 100
120 14.2 10.5 15.7
236 26.6 21.5 32.3

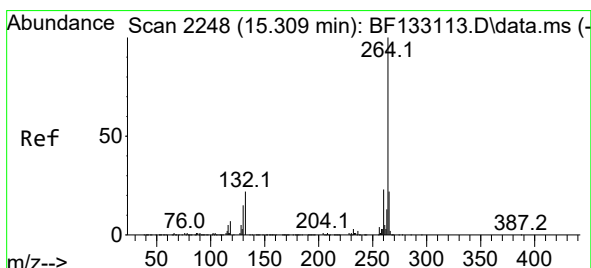
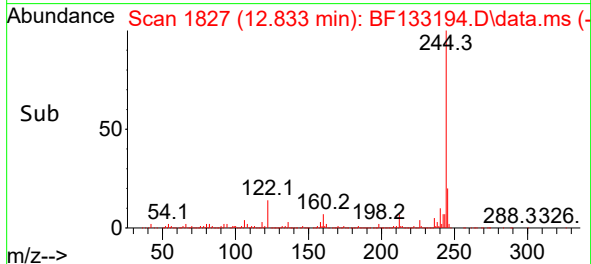
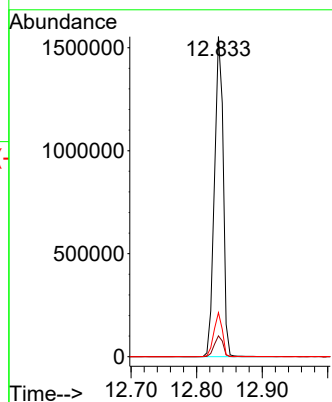
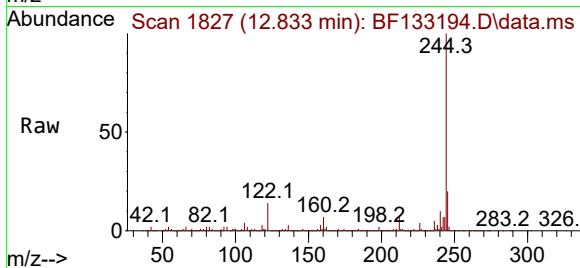




#79
 Terphenyl-d14
 Concen: 68.257 ng
 RT: 12.833 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133194.D
 Acq: 02 May 2023 17:52

Instrument :
 BNA_F
 ClientSampleId :
 OE-3-050123

Tgt Ion:244 Resp: 1443227
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 13.7 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF133194.D
 Acq: 02 May 2023 17:52

Tgt Ion:264 Resp: 376699
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 22.2 17.0 25.4

