

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133091.D
 Acq On : 27 Apr 2023 10:43
 Operator : CG\JU
 Sample : PB152407BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152407BL

Quant Time: Apr 28 02:02:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

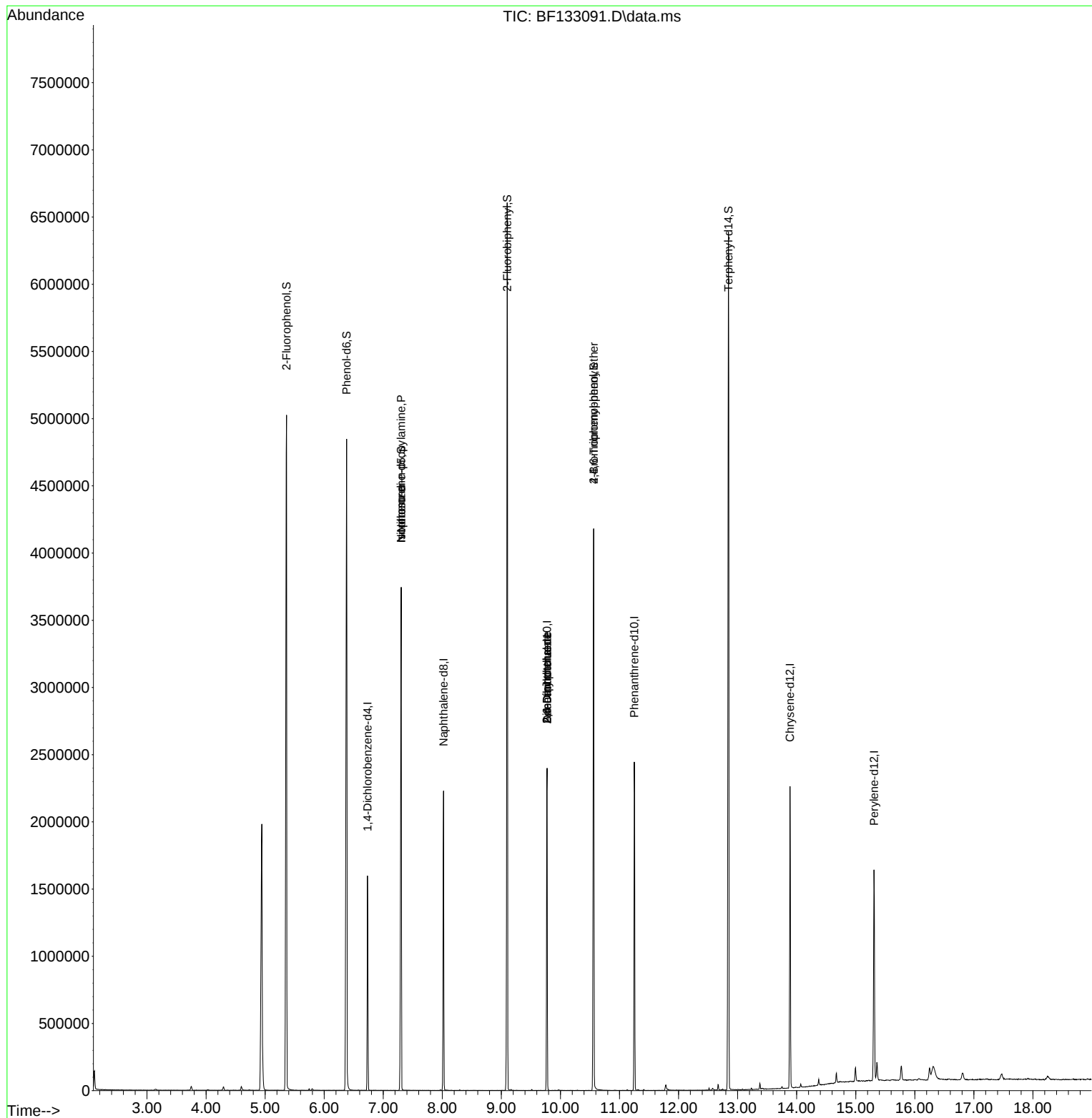
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	221906	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	929825	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	488279	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	894602	20.000	ng	0.00
76) Chrysene-d12	13.886	240	700070	20.000	ng	-0.01
86) Perylene-d12	15.309	264	660696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1720347	117.111	ng	0.02
7) Phenol-d6	6.381	99	2093564	114.822	ng	0.00
23) Nitrobenzene-d5	7.304	82	1263218	73.331	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	579705	118.052	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2171017	74.386	ng	0.00
79) Terphenyl-d14	12.845	244	2698307	66.475	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	3019	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.304	70	167680	14.772	ng	# 75
25) Isophorone	7.304	82	1258649	38.483	ng	# 63
50) Dimethylphthalate	9.775	163	100629	2.956	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	62870	8.204	ng	# 25
57) 2,4-Dinitrotoluene	9.775	165	62870	6.433	ng	# 23
67) 4-Bromophenyl-phenylether	10.563	248	35584	3.668	ng	# 1

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

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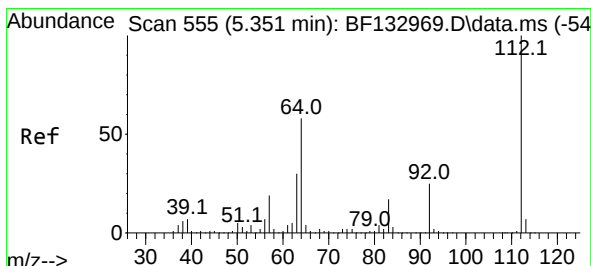
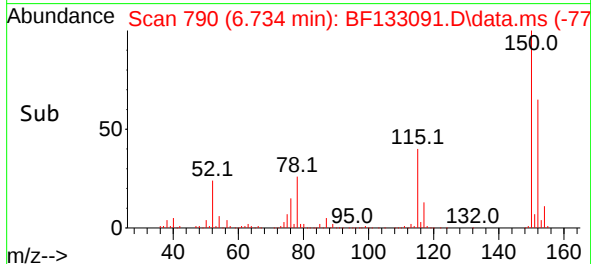
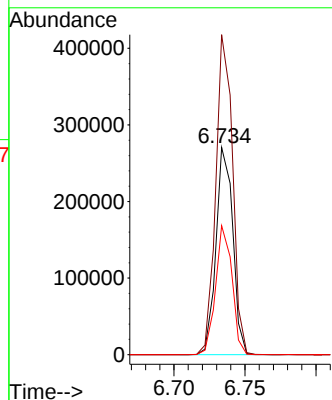
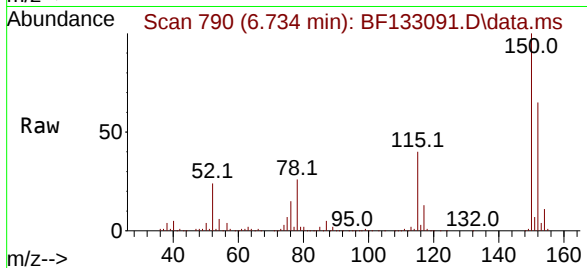




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

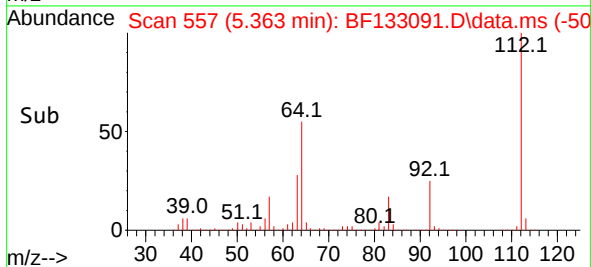
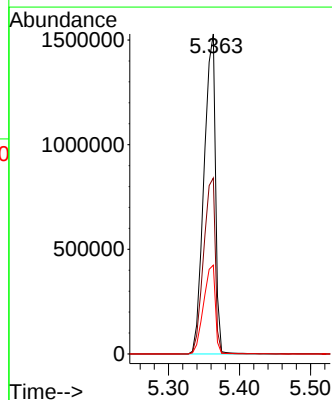
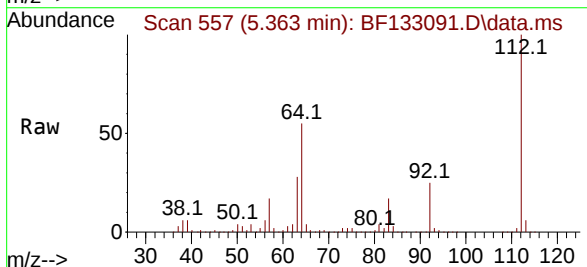
Instrument :
BNA_F
ClientSampleId :
PB152407BL

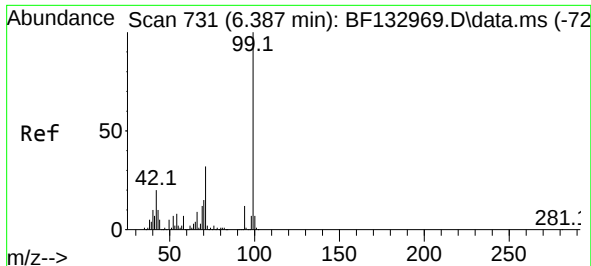
Tgt Ion:152 Resp: 221906
Ion Ratio Lower Upper
152 100
150 154.4 124.8 187.2
115 62.3 49.9 74.9



#5
2-Fluorophenol
Concen: 117.111 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.017 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

Tgt Ion:112 Resp: 1720347
Ion Ratio Lower Upper
112 100
64 55.0 46.8 70.2
63 27.8 23.8 35.8

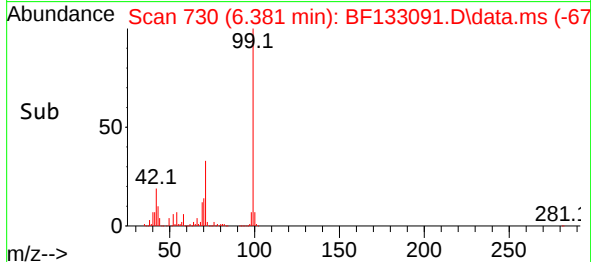
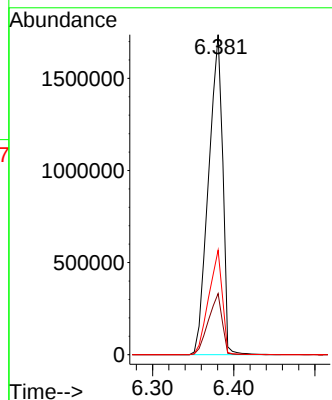
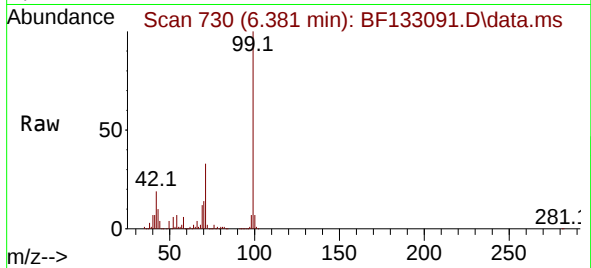




#7
Phenol-d6
Concen: 114.822 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

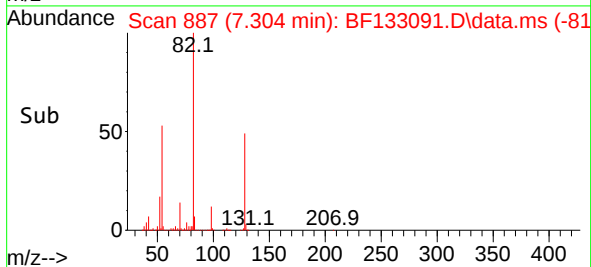
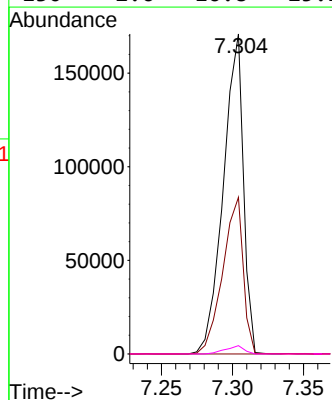
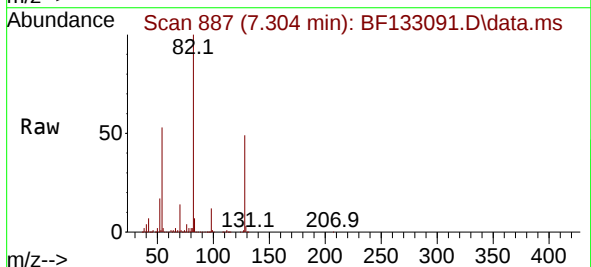
Instrument :
BNA_F
ClientSampleId :
PB152407BL

Tgt Ion: 99 Resp: 2093564
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.772 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

Tgt Ion: 70 Resp: 167680
Ion Ratio Lower Upper
70 100
42 49.0 51.8 77.6#
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#

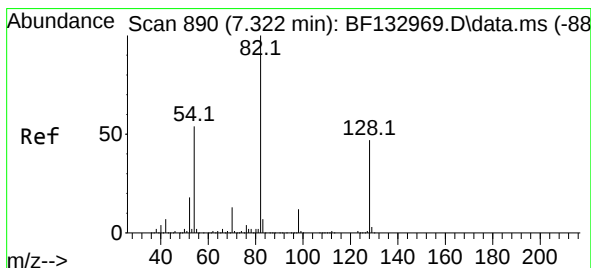
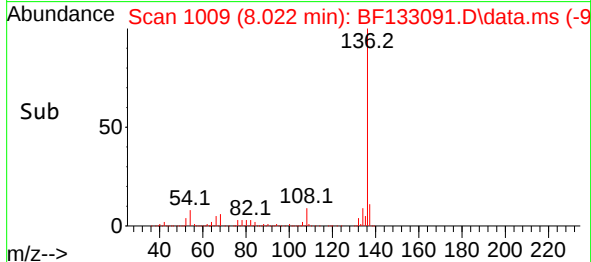
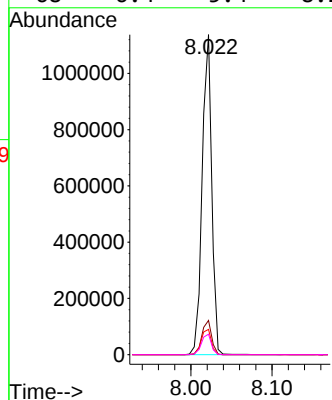
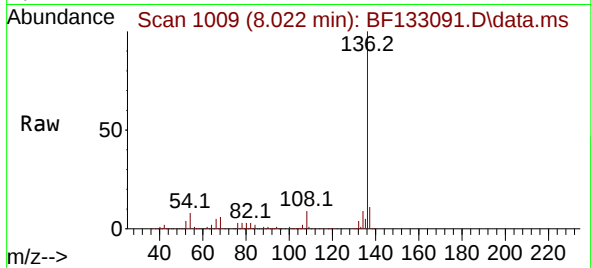




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

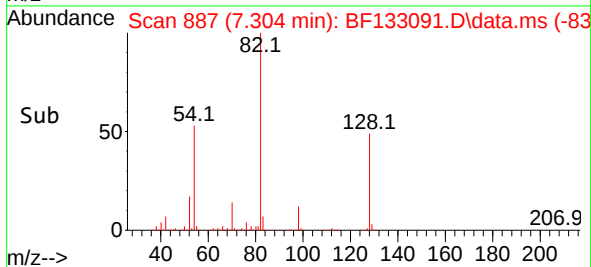
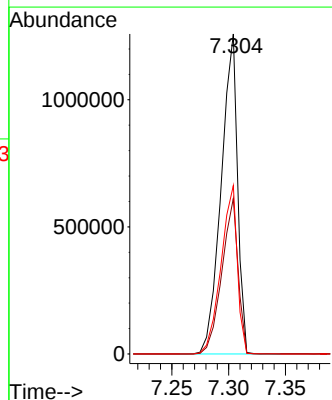
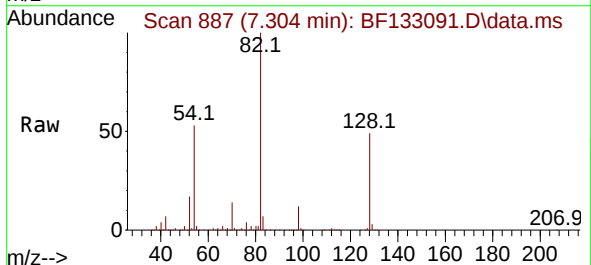
Instrument :
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ClientSampleId :
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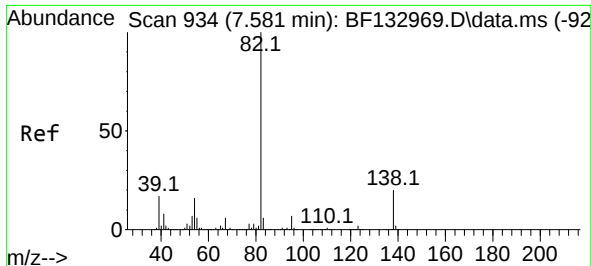
Tgt Ion:136 Resp: 929825
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.9 7.0 10.4
68 6.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 73.331 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

Tgt Ion: 82 Resp: 1263218
Ion Ratio Lower Upper
82 100
128 48.6 37.7 56.5
54 52.6 43.0 64.4

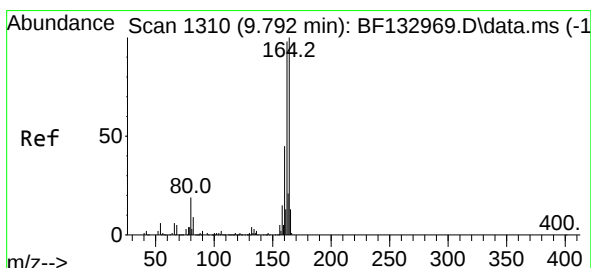
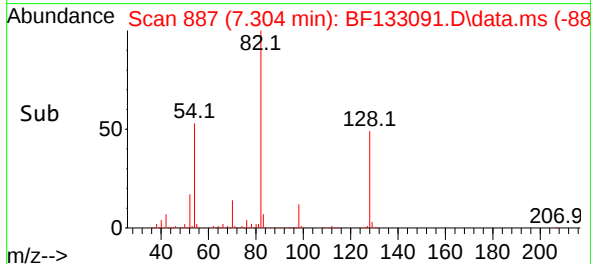
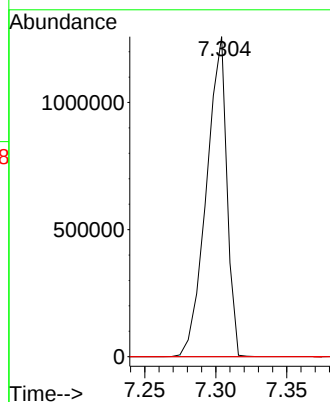
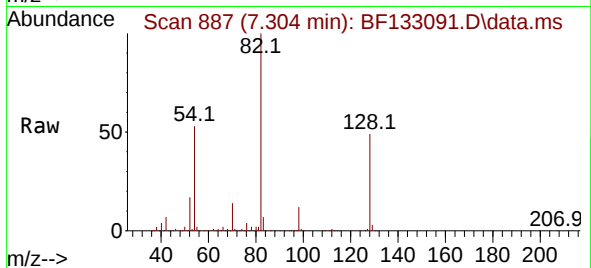




#25
Isophorone
Concen: 38.483 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

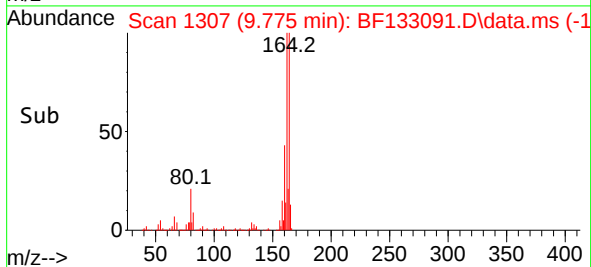
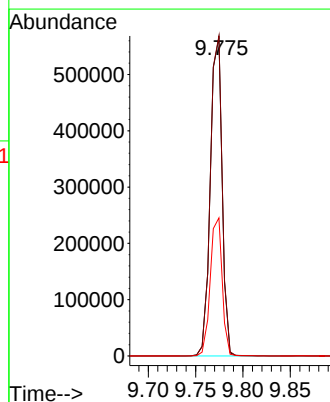
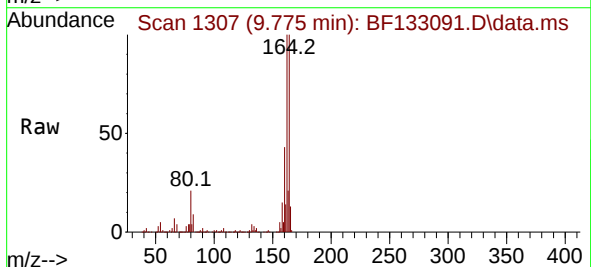
Instrument :
BNA_F
ClientSampleId :
PB152407BL

Tgt Ion: 82 Resp: 1258649
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: 9.775 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

Tgt Ion:164 Resp: 488279
Ion Ratio Lower Upper
164 100
162 100.4 78.7 118.1
160 43.4 35.8 53.6

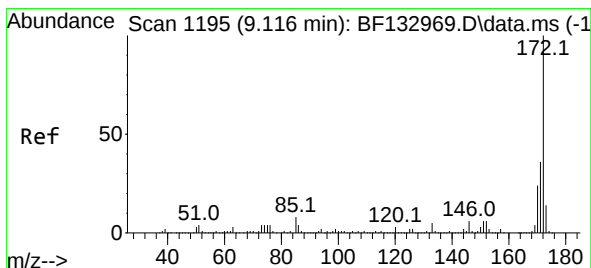
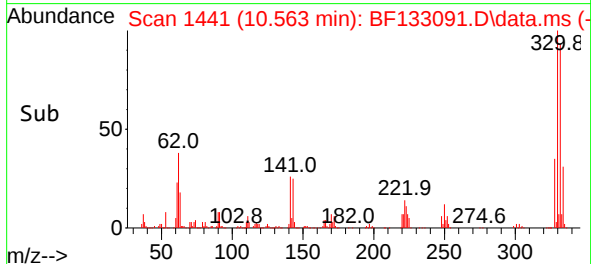
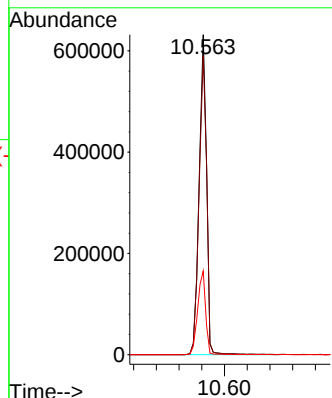
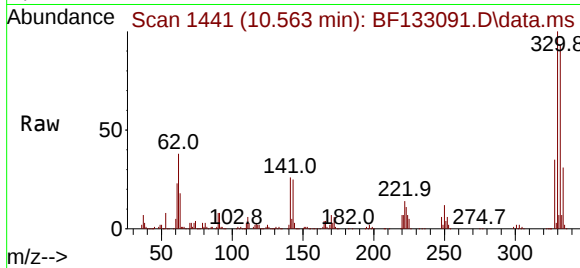




#42
2,4,6-Tribromophenol
Concen: 118.052 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

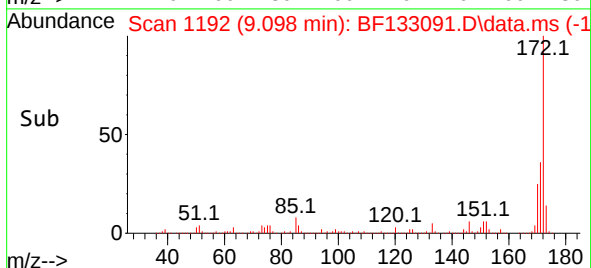
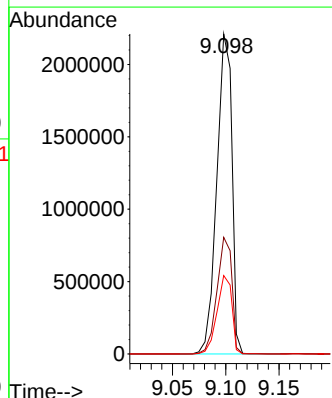
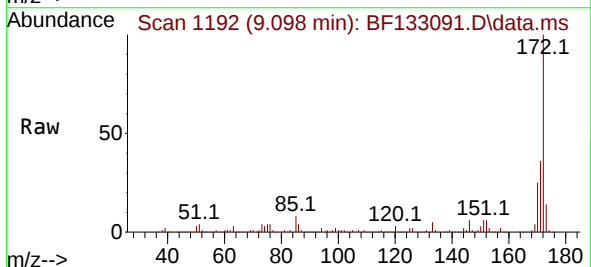
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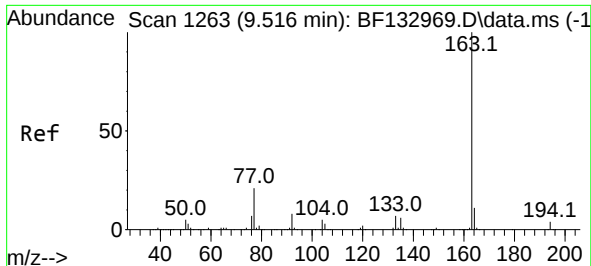
Tgt Ion:330 Resp: 579705
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 27.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 74.386 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

Tgt Ion:172 Resp: 2171017
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.5 19.4 29.2

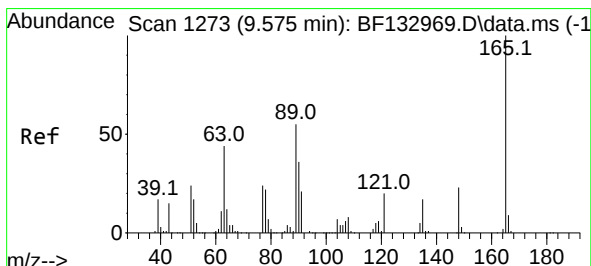
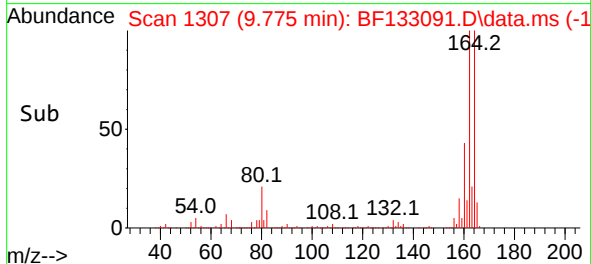
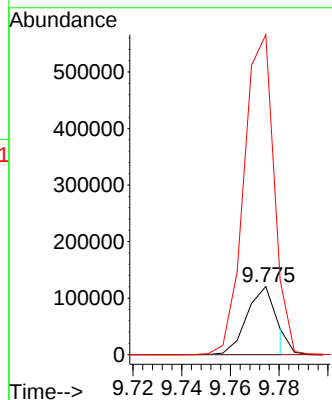
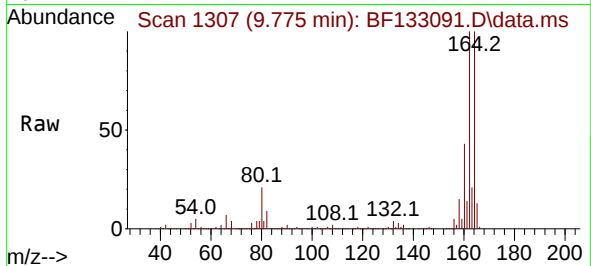




#50
Dimethylphthalate
Concen: 2.956 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.270 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

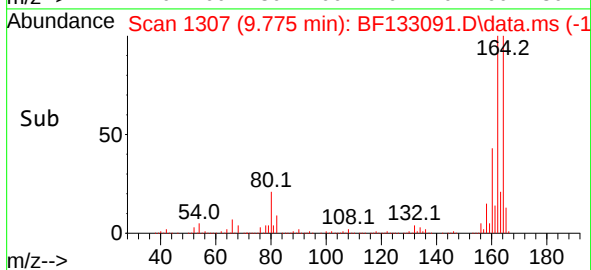
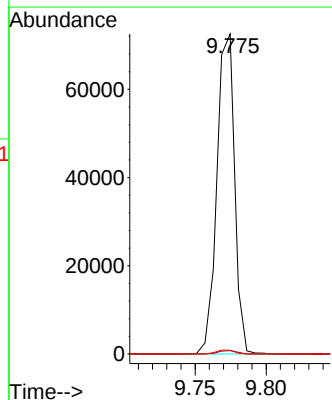
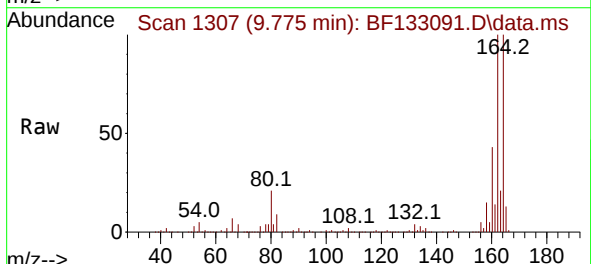
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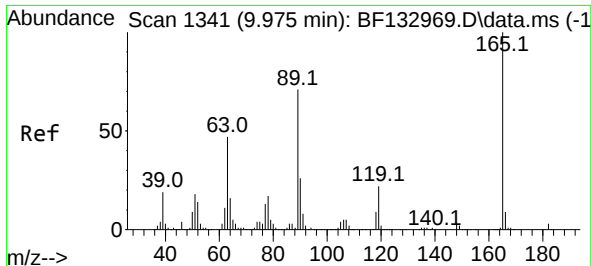
Tgt Ion:163 Resp: 100629
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 469.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.204 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.212 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

Tgt Ion:165 Resp: 62870
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.2 44.0 66.0#

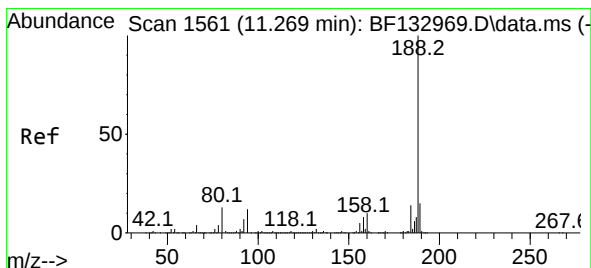
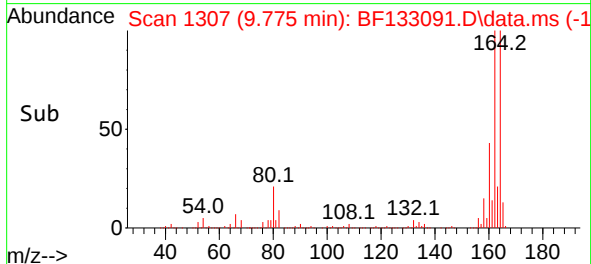
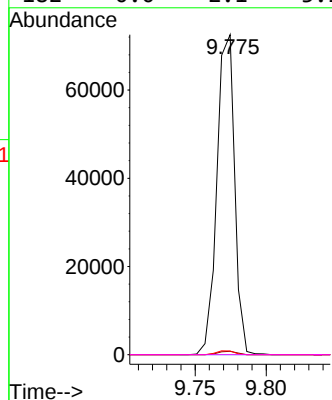
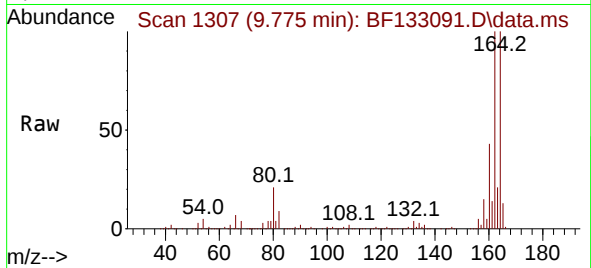




#57
2,4-Dinitrotoluene
Concen: 6.433 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

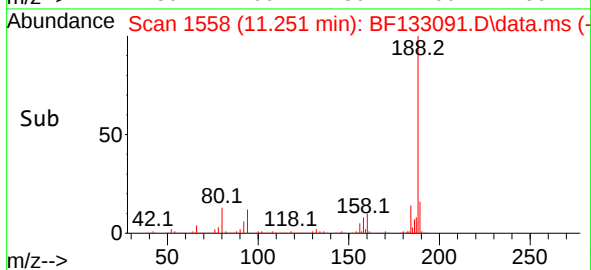
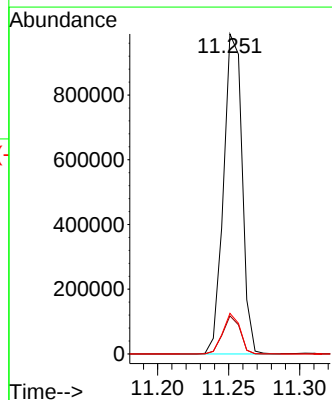
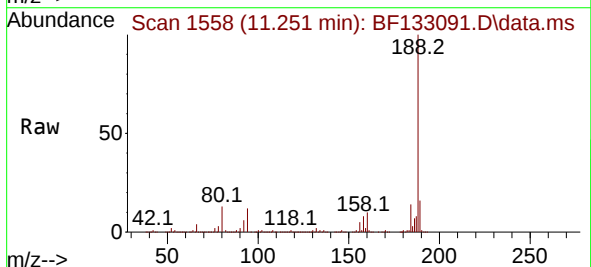
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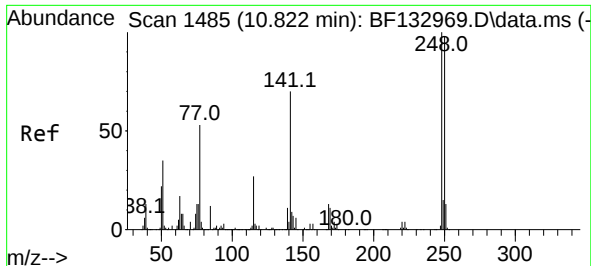
Tgt Ion:165 Resp: 62870
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

Tgt Ion:188 Resp: 894602
Ion Ratio Lower Upper
188 100
94 11.9 9.7 14.5
80 12.7 10.4 15.6

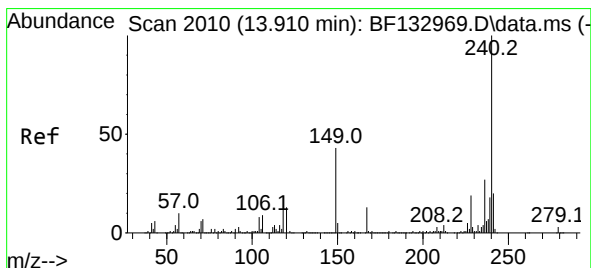
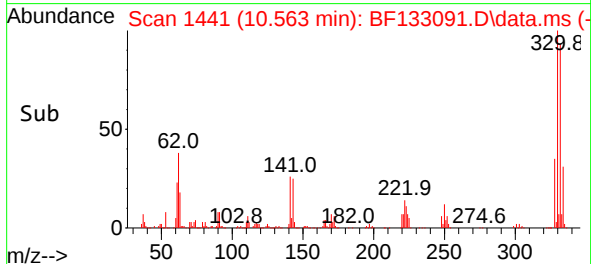
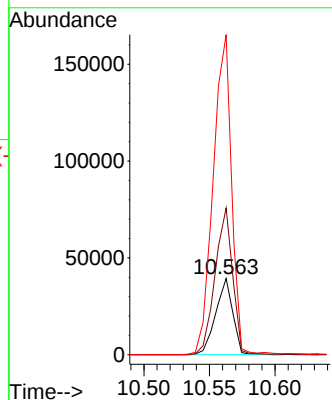
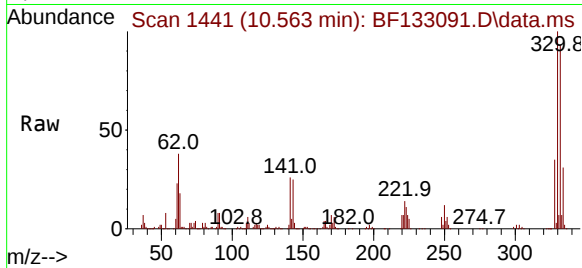




#67
4-Bromophenyl-phenylether
Concen: 3.668 ng
RT: 10.563 min Scan# 1485
Delta R.T. -0.241 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

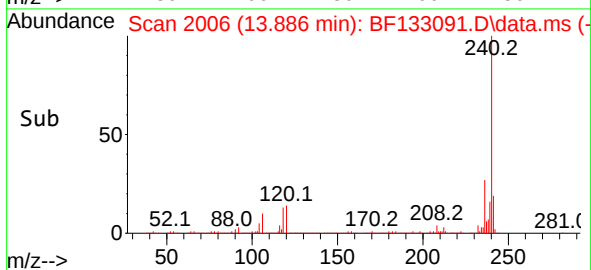
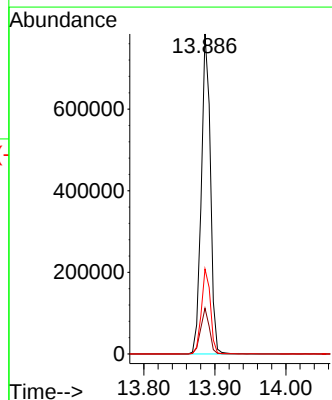
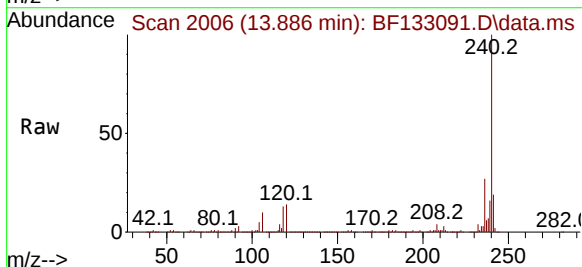
Instrument :
BNA_F
ClientSampleId :
PB152407BL

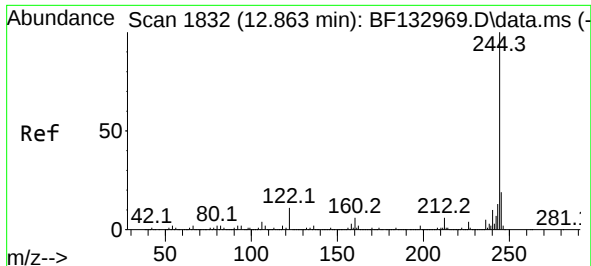
Tgt Ion:248 Resp: 35584
Ion Ratio Lower Upper
248 100
250 192.6 78.7 118.1#
141 420.1 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133091.D
Acq: 27 Apr 2023 10:43

Tgt Ion:240 Resp: 700070
Ion Ratio Lower Upper
240 100
120 14.3 10.5 15.7
236 26.6 21.5 32.3

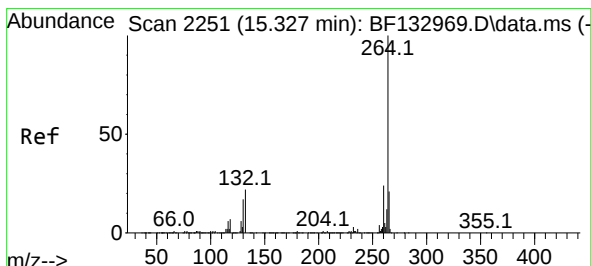
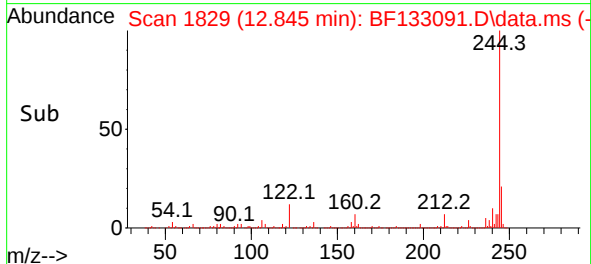
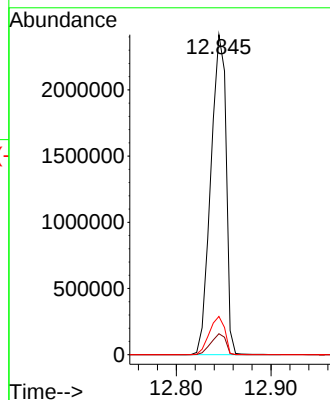
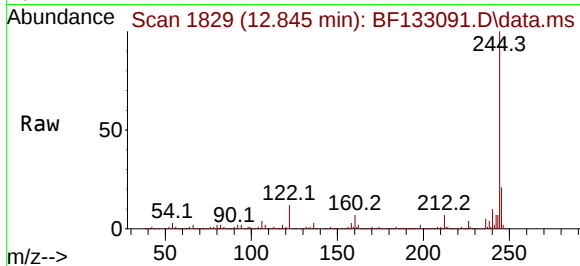




#79
 Terphenyl-d14
 Concen: 66.475 ng
 RT: 12.845 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133091.D
 Acq: 27 Apr 2023 10:43

Instrument :
 BNA_F
 ClientSampleId :
 PB152407BL

Tgt Ion:244 Resp: 2698307
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.309 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF133091.D
 Acq: 27 Apr 2023 10:43

Tgt Ion:264 Resp: 660696
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.3 17.0 25.4

