

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133034.D
 Acq On : 25 Apr 2023 18:54
 Operator : CG\JU
 Sample : PB152323BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152323BL

Quant Time: Apr 26 02:15:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

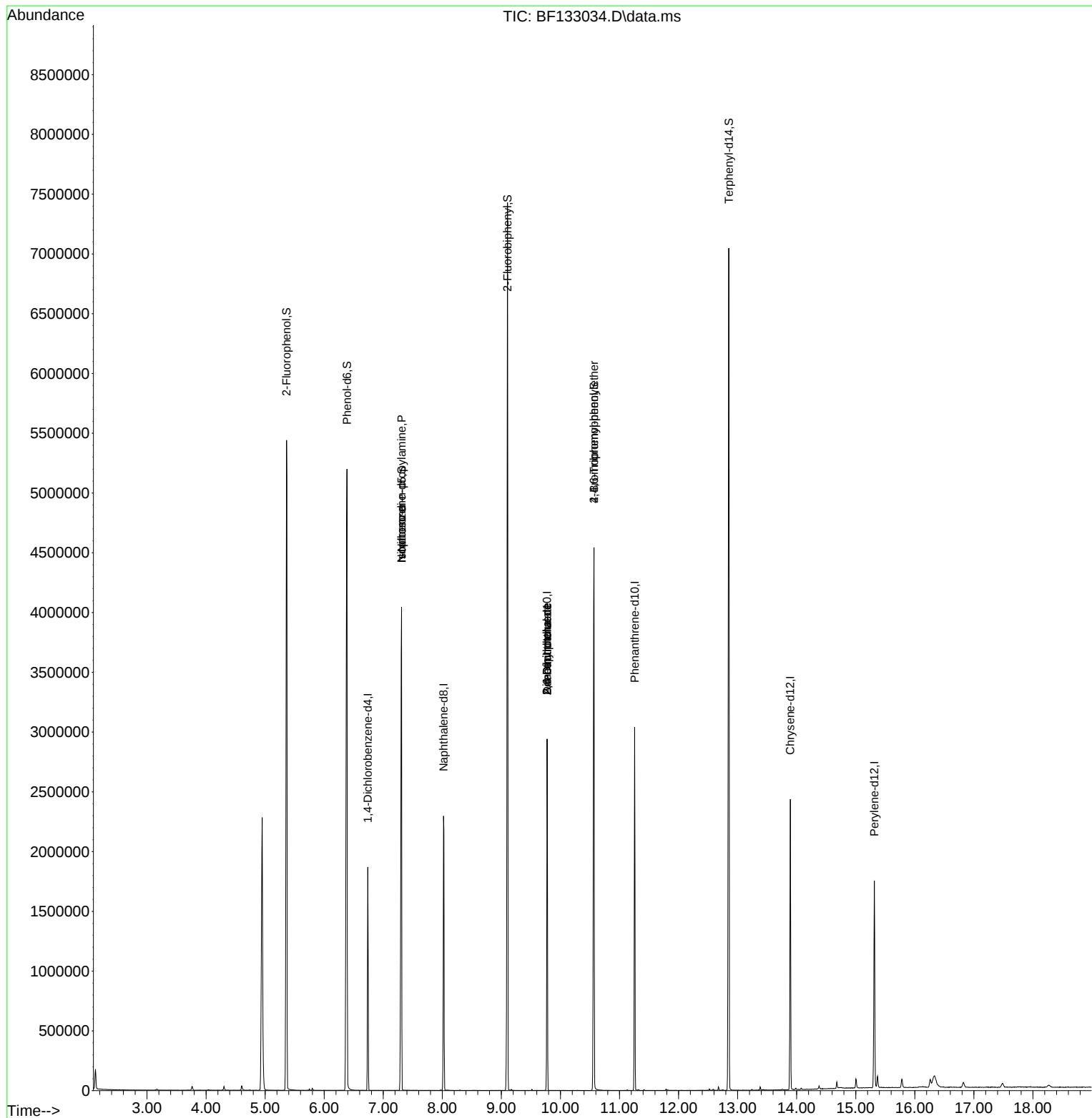
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	243566	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	1051113	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	557748	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	1013709	20.000	ng	0.00
76) Chrysene-d12	13.892	240	738944	20.000	ng	0.00
86) Perylene-d12	15.315	264	690103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1927546	119.547	ng	0.01
7) Phenol-d6	6.387	99	2331845	116.517	ng	0.00
23) Nitrobenzene-d5	7.310	82	1450118	74.467	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	656106	116.969	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	2463113	73.883	ng	0.00
79) Terphenyl-d14	12.851	244	2934007	68.479	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	3297	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.310	70	192761	15.472	ng	# 75
25) Isophorone	7.310	82	1447828	39.159	ng	# 63
50) Dimethylphthalate	9.775	163	110119	2.831	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	72502	8.283	ng	# 25
57) 2,4-Dinitrotoluene	9.775	165	72502	6.495	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	39461	3.589	ng	# 1

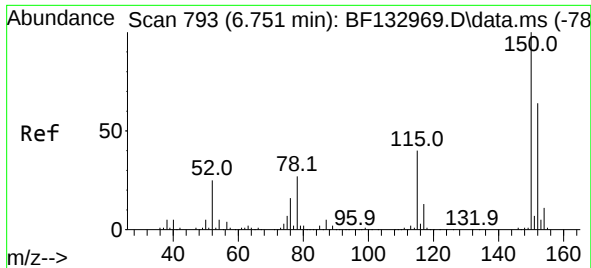
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 18:24:07 2023
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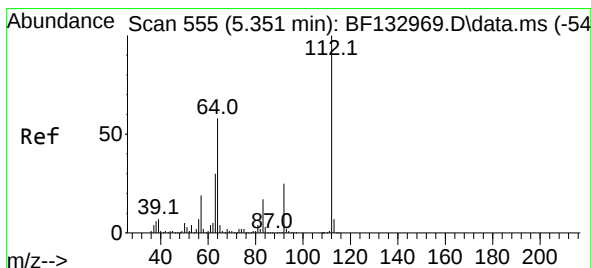
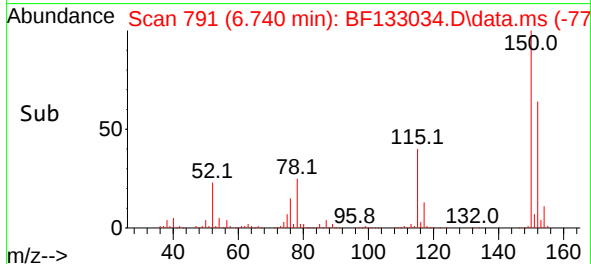
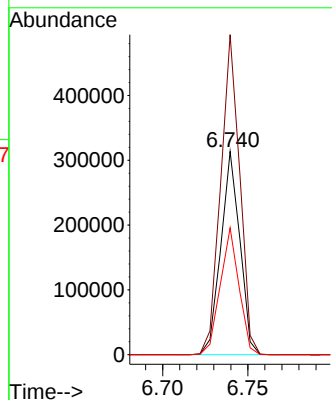
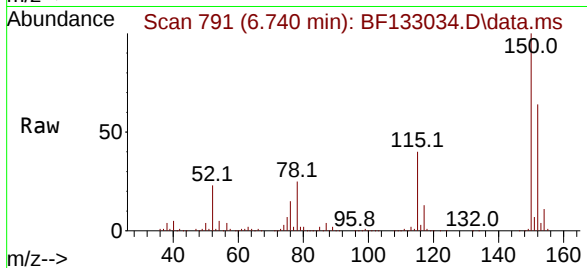




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

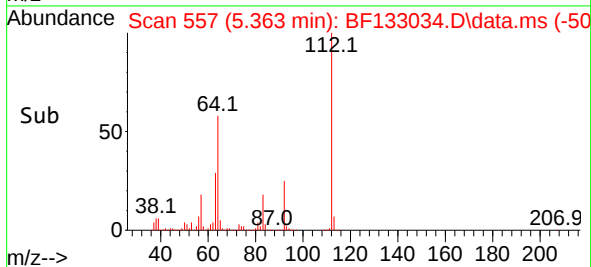
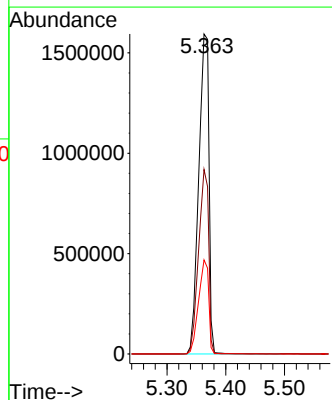
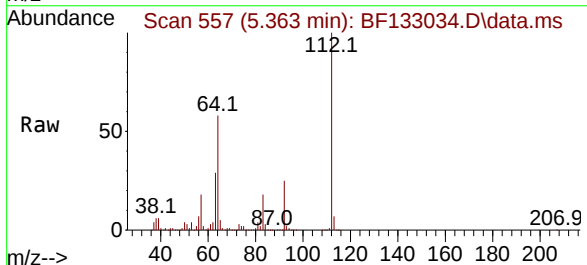
Instrument :
BNA_F
ClientSampleId :
PB152323BL

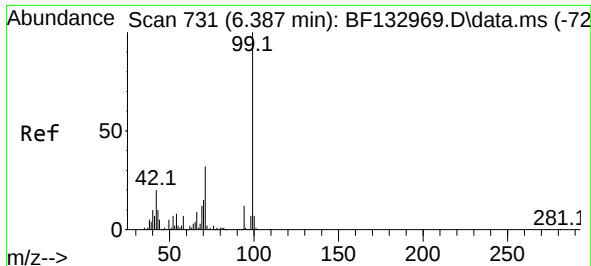
Tgt Ion:152 Resp: 243566
Ion Ratio Lower Upper
152 100
150 157.4 124.8 187.2
115 62.4 49.9 74.9



#5
2-Fluorophenol
Concen: 119.547 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.012 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

Tgt Ion:112 Resp: 1927546
Ion Ratio Lower Upper
112 100
64 57.6 46.8 70.2
63 29.4 23.8 35.8

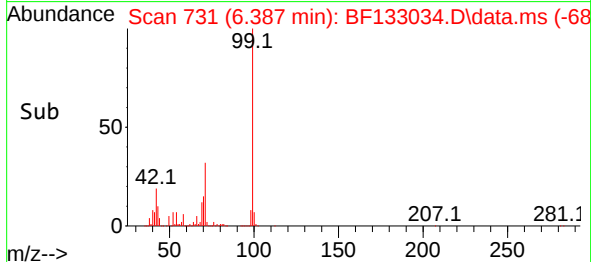
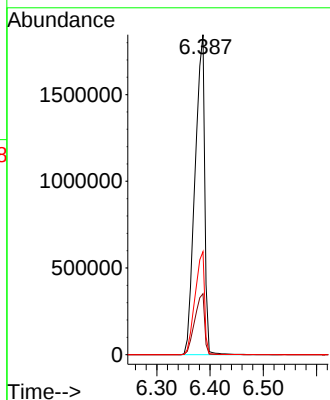
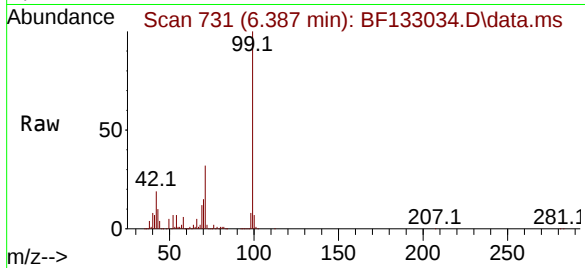




#7
Phenol-d6
Concen: 116.517 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

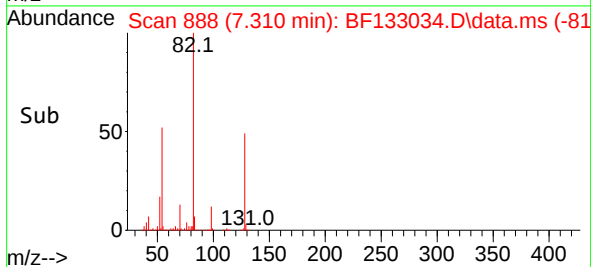
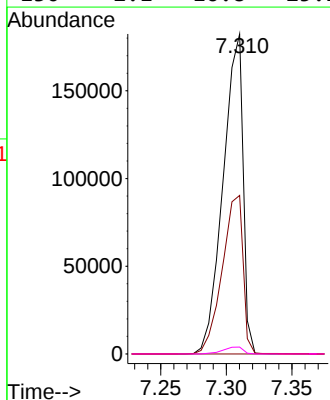
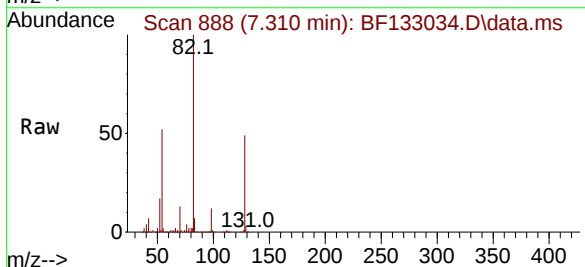
Instrument :
BNA_F
ClientSampleId :
PB152323BL

Tgt Ion: 99 Resp: 2331845
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 32.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.472 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

Tgt Ion: 70 Resp: 192761
Ion Ratio Lower Upper
70 100
42 49.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

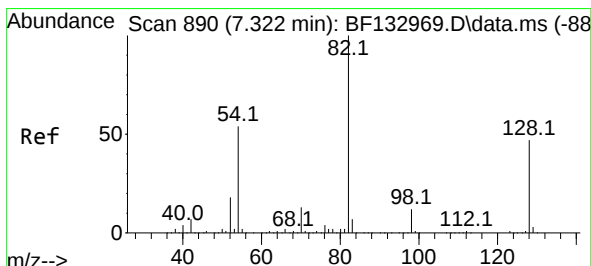
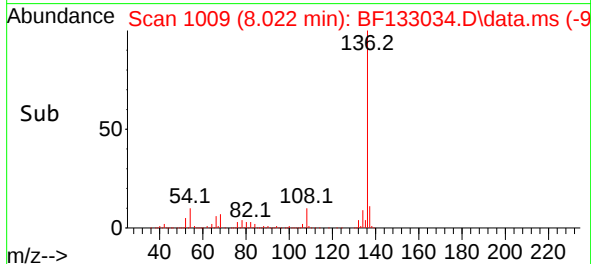
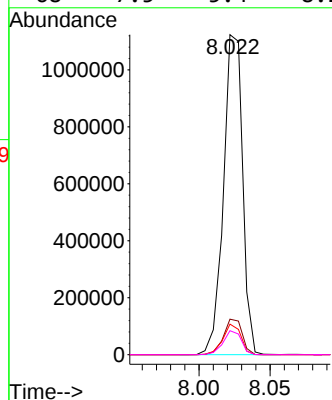
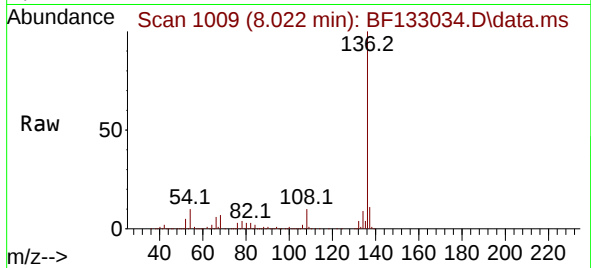




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

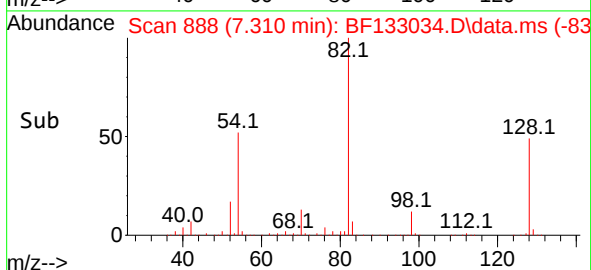
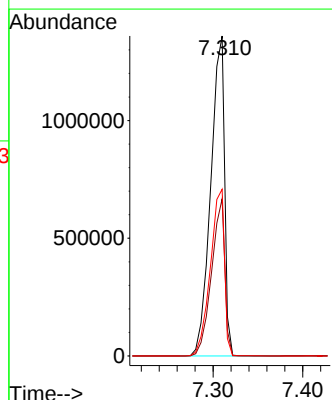
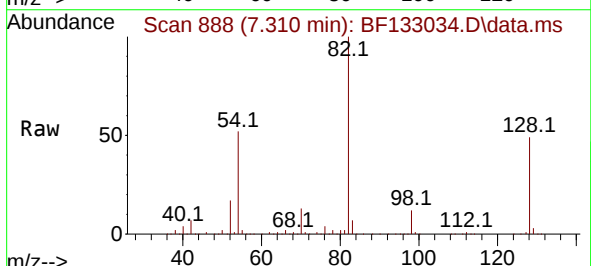
Instrument :
BNA_F
ClientSampleId :
PB152323BL

Tgt Ion:136 Resp: 1051113
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.6 7.0 10.4
68 7.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 74.467 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

Tgt Ion: 82 Resp: 1450118
Ion Ratio Lower Upper
82 100
128 49.1 37.7 56.5
54 52.1 43.0 64.4

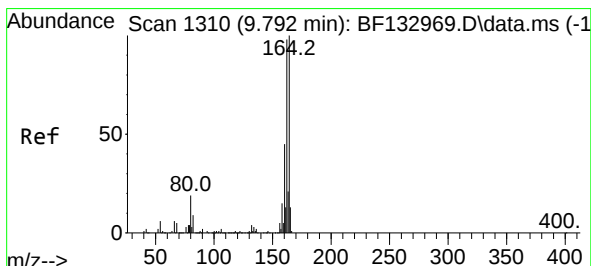
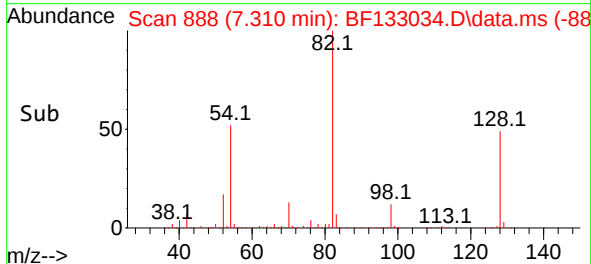
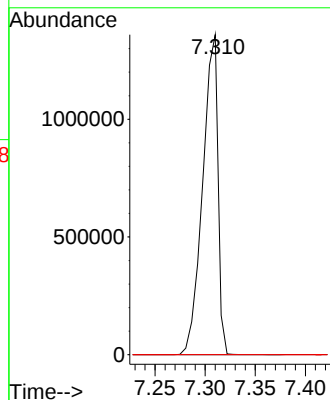
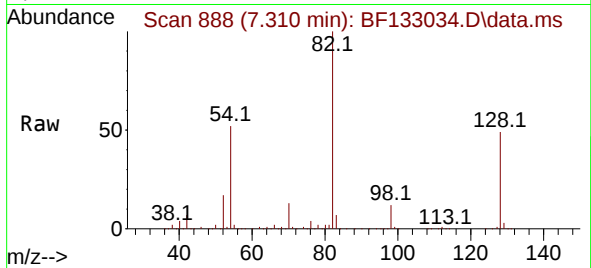




#25
Isophorone
Concen: 39.159 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

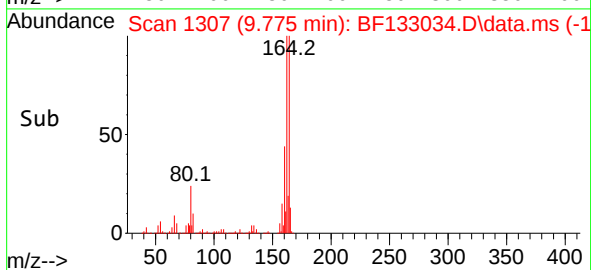
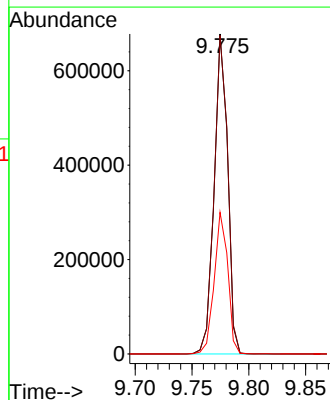
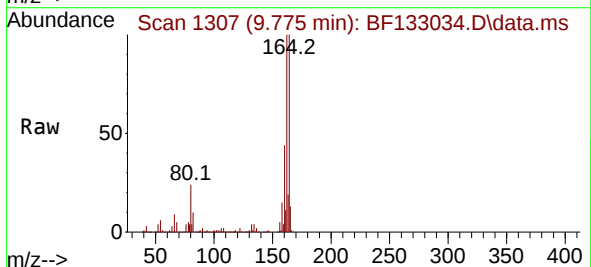
Instrument :
BNA_F
ClientSampleId :
PB152323BL

Tgt Ion: 82 Resp: 1447828
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. -0.006 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

Tgt Ion:164 Resp: 557748
Ion Ratio Lower Upper
164 100
162 99.6 78.7 118.1
160 44.3 35.8 53.6

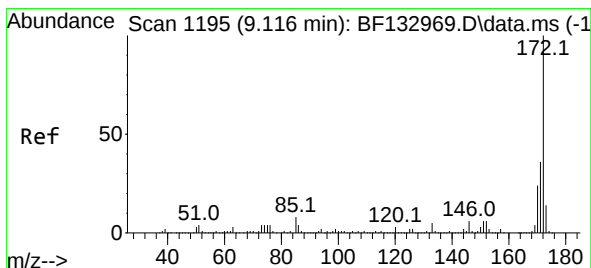
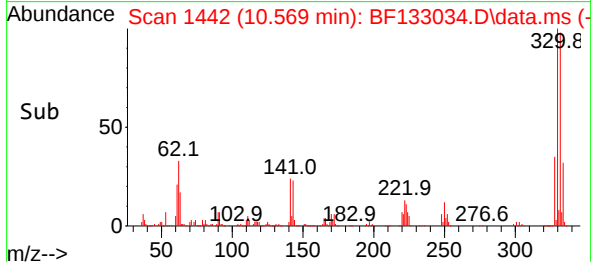
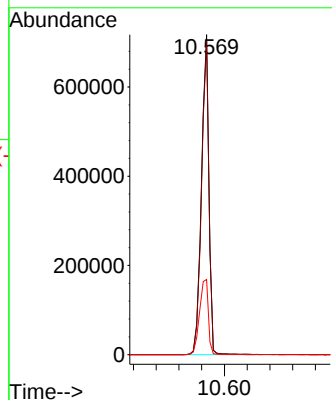
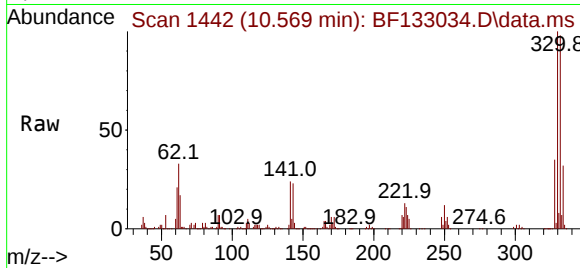




#42
2,4,6-Tribromophenol
Concen: 116.969 ng
RT: 10.569 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

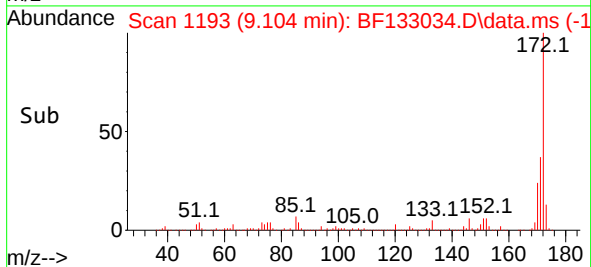
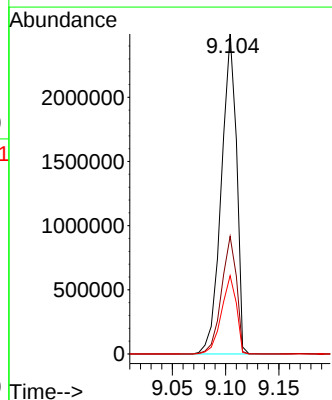
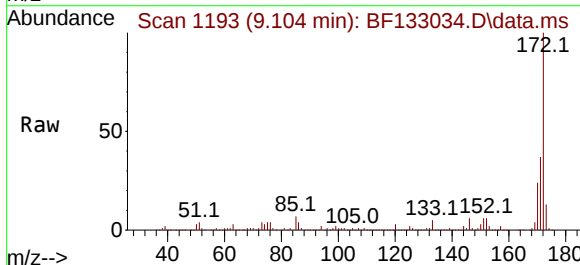
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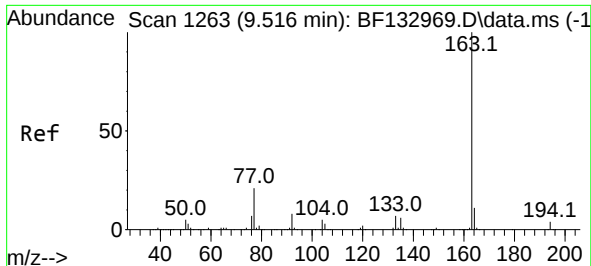
Tgt Ion:330 Resp: 656106
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 28.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 73.883 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

Tgt Ion:172 Resp: 2463113
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.4 19.4 29.2

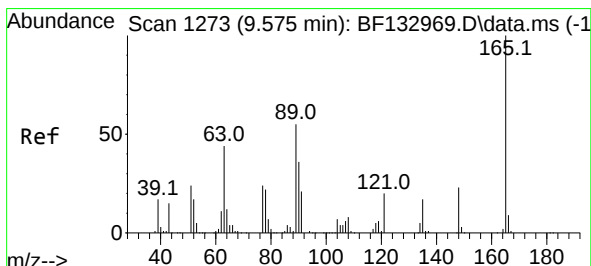
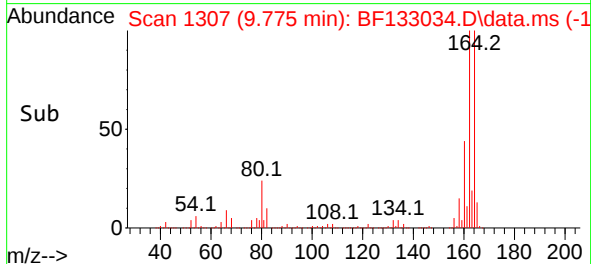
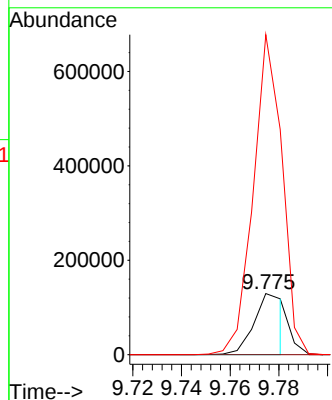
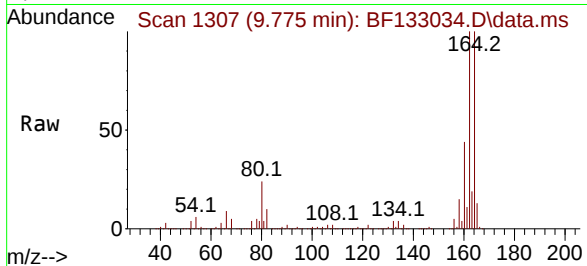




#50
Dimethylphthalate
Concen: 2.831 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

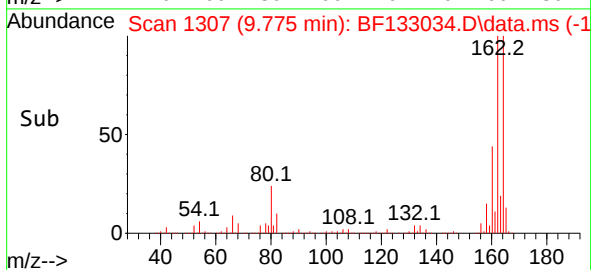
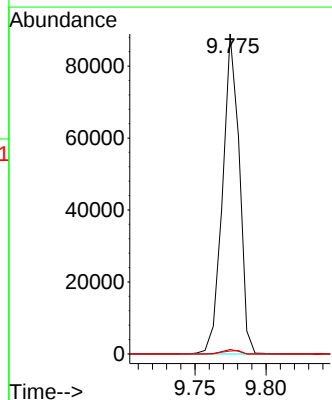
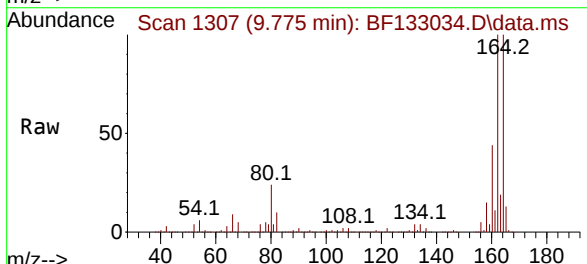
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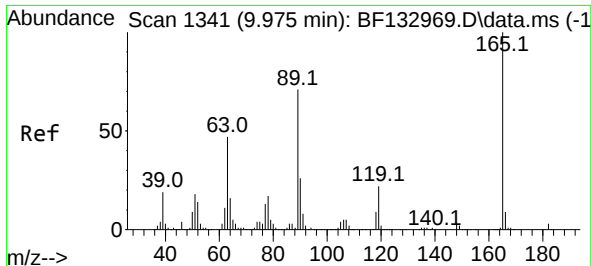
Tgt Ion:163 Resp: 110119
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 523.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.283 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.206 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

Tgt Ion:165 Resp: 72502
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 0.9 44.0 66.0#

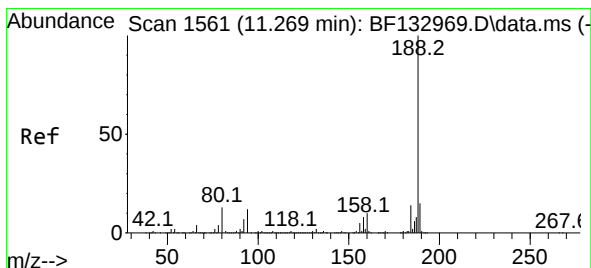
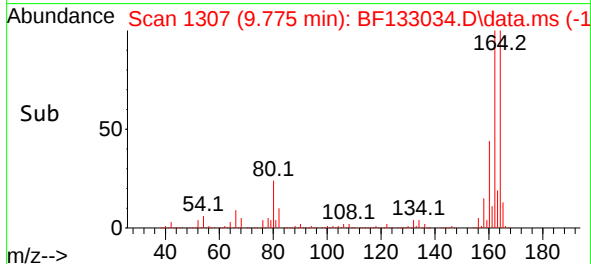
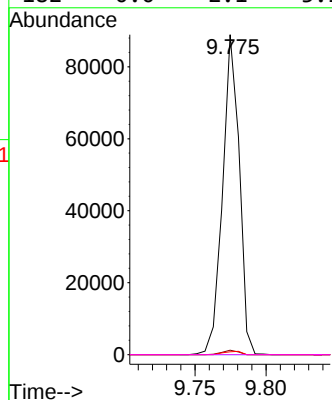
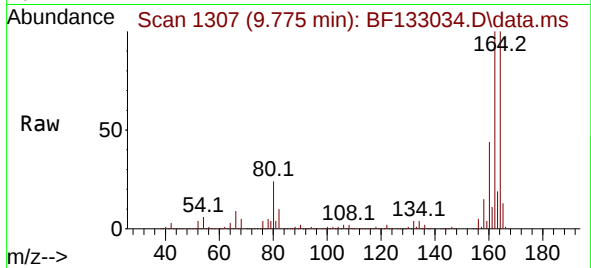




#57
2,4-Dinitrotoluene
Concen: 6.495 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

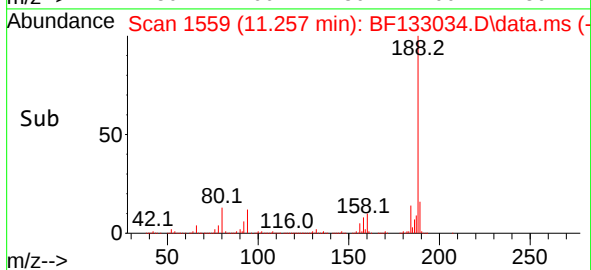
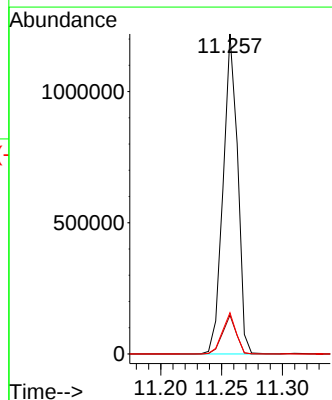
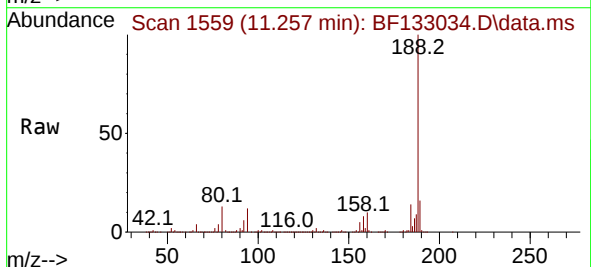
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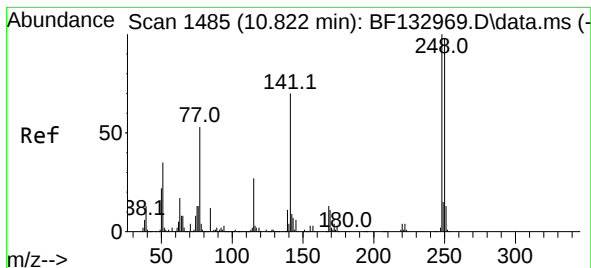
Tgt Ion:165 Resp: 72502
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 0.9 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

Tgt Ion:188 Resp: 1013709
Ion Ratio Lower Upper
188 100
94 12.1 9.7 14.5
80 12.9 10.4 15.6

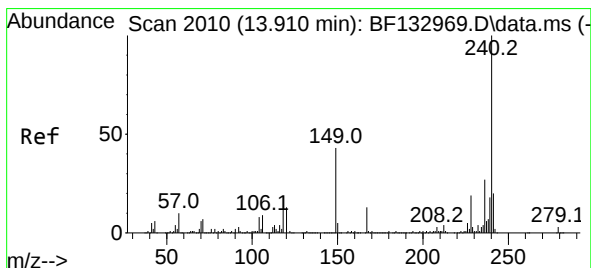
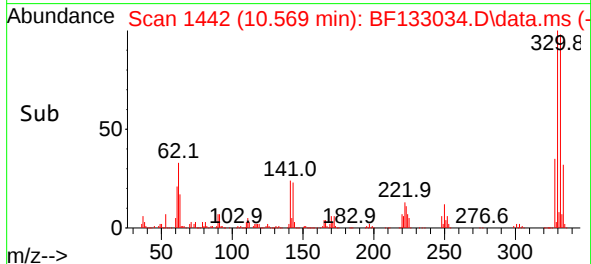
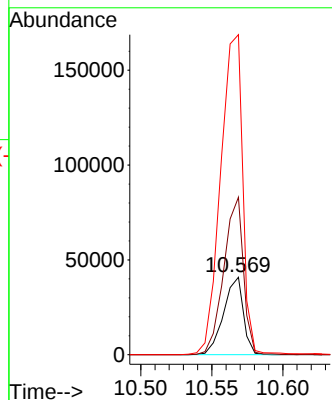
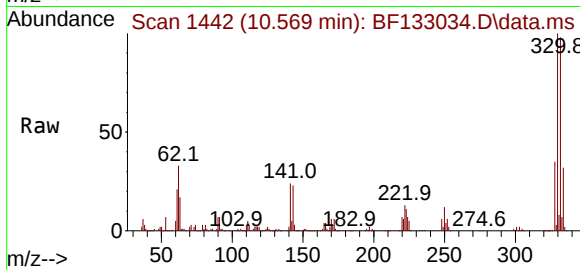




#67
4-Bromophenyl-phenylether
Concen: 3.589 ng
RT: 10.569 min Scan# 1485
Delta R.T. -0.241 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

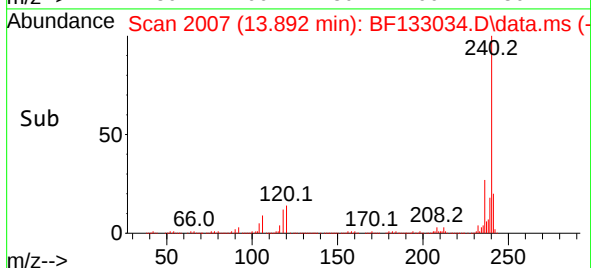
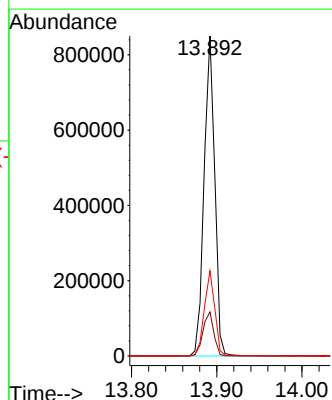
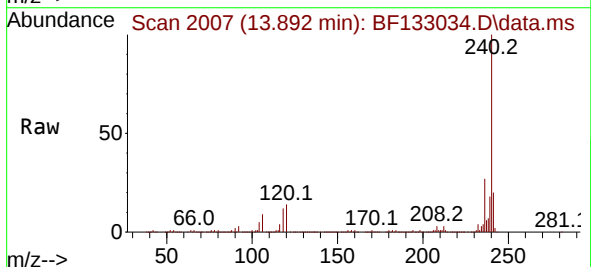
Instrument :
BNA_F
ClientSampleId :
PB152323BL

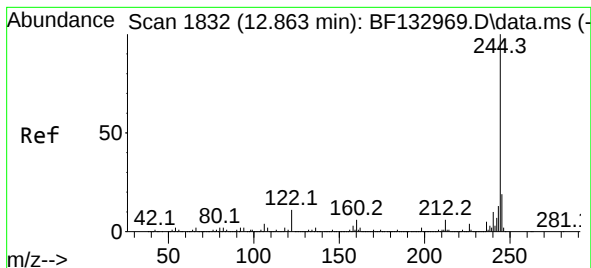
Tgt Ion:248 Resp: 39461
Ion Ratio Lower Upper
248 100
250 203.5 78.7 118.1#
141 413.6 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF133034.D
Acq: 25 Apr 2023 18:54

Tgt Ion:240 Resp: 738944
Ion Ratio Lower Upper
240 100
120 13.8 10.5 15.7
236 26.6 21.5 32.3





#79

Terphenyl-d14

Concen: 68.479 ng

RT: 12.851 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133034.D

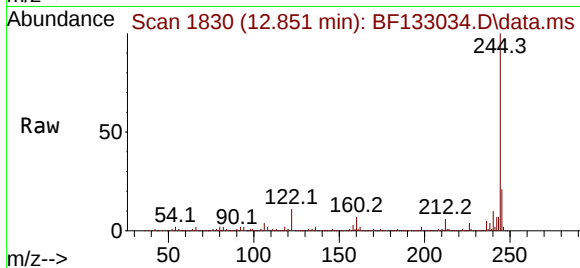
Acq: 25 Apr 2023 18:54

Instrument :

BNA_F

ClientSampleId :

PB152323BL



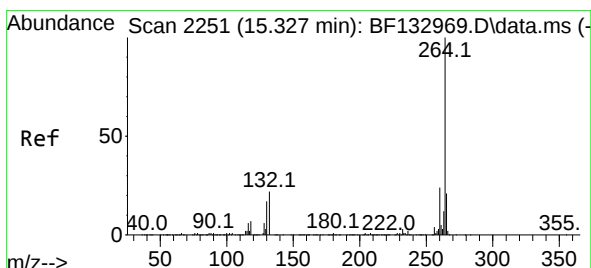
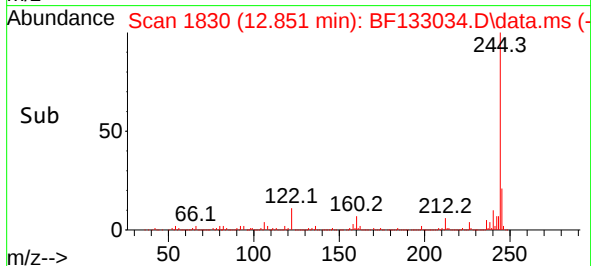
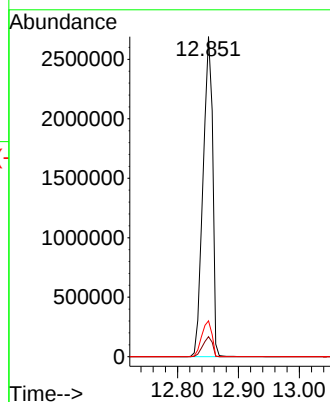
Tgt Ion:244 Resp: 2934007

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 11.2 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.315 min Scan# 2249

Delta R.T. 0.000 min

Lab File: BF133034.D

Acq: 25 Apr 2023 18:54

Tgt Ion:264 Resp: 690103

Ion Ratio Lower Upper

264 100

260 25.2 18.8 28.2

265 22.5 17.0 25.4

