

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133024.D
 Acq On : 25 Apr 2023 11:00
 Operator : CG\JU
 Sample : PB152241BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152241BL

Quant Time: Apr 25 11:32:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

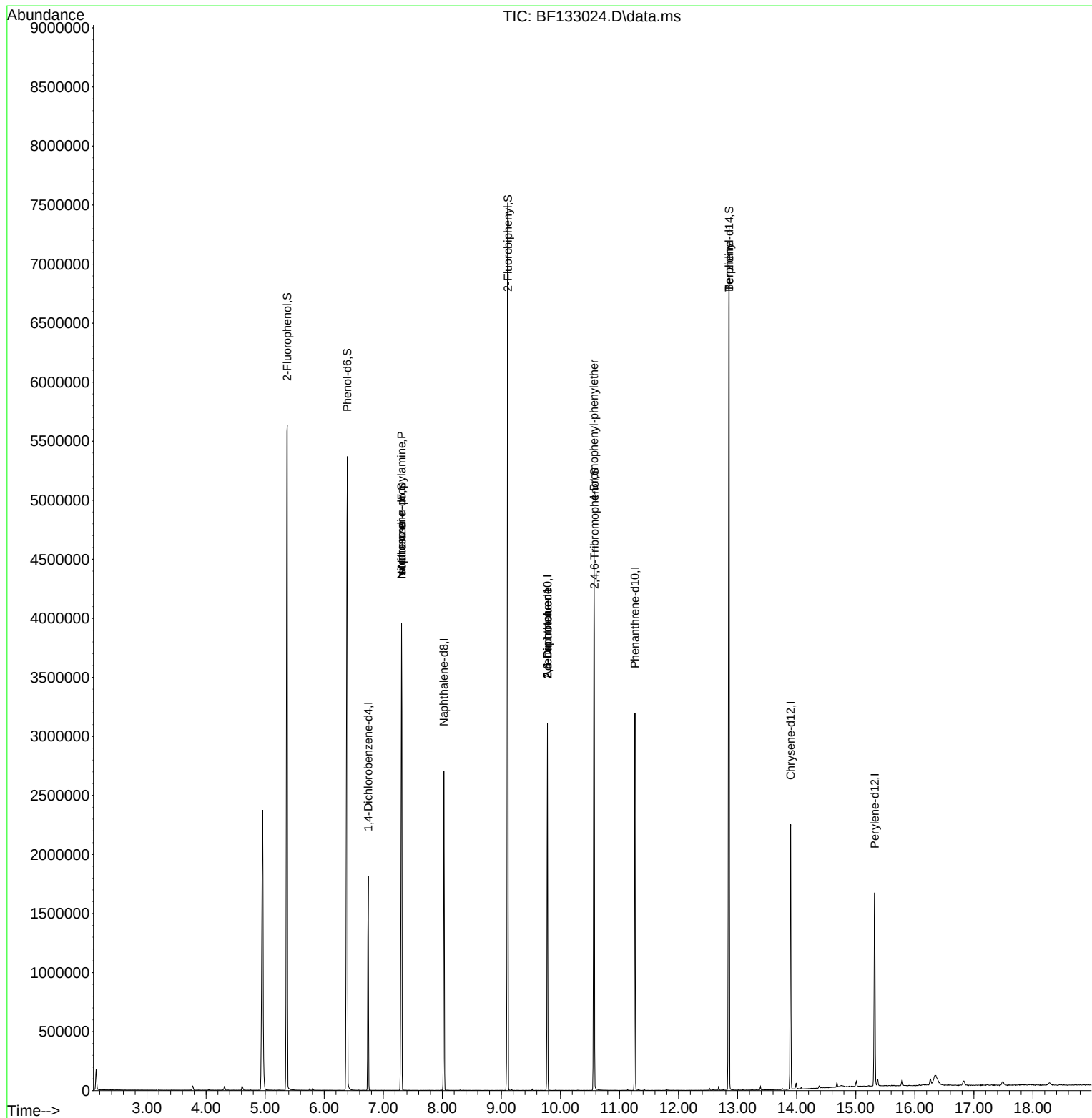
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	239162	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	1030694	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	570467	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	1028093	20.000	ng	0.00
76) Chrysene-d12	13.898	240	754078	20.000	ng	-0.01
86) Perylene-d12	15.321	264	677096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2008124	126.838	ng	0.02
7) Phenol-d6	6.392	99	2329989	118.568	ng	0.00
23) Nitrobenzene-d5	7.310	82	1457954	76.352	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	672625	117.241	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2481455	72.773	ng	0.00
79) Terphenyl-d14	12.857	244	2923365	66.861	ng	0.00
Target Compounds						
9) Benzaldehyde	6.392	77	3490	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.310	70	193660	15.830	ng	# 77
25) Isophorone	7.310	82	1455166	40.137	ng	# 62
51) 2,6-Dinitrotoluene	9.780	165	73266	8.184	ng	# 25
57) 2,4-Dinitrotoluene	9.780	165	73266	6.417	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	40948	3.672	ng	# 1
77) Benizidine	12.857	184	34071	2.672	ng	# 92

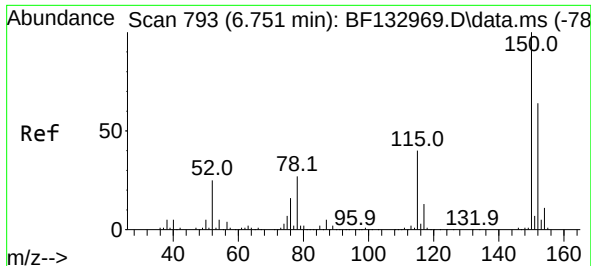
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 25 11:32:43 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:30:56 2023
Response via : Initial Calibration

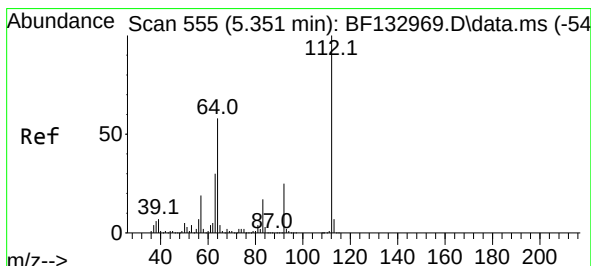
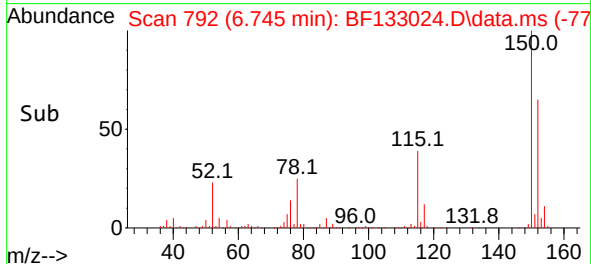
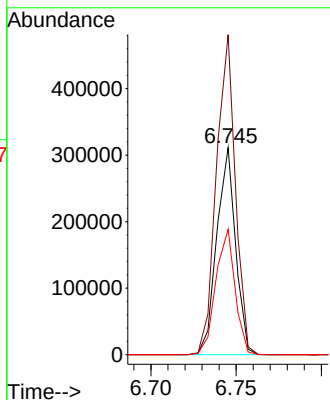
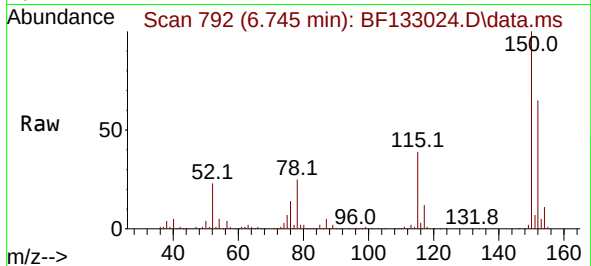




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133024.D
Acq: 25 Apr 2023 11:00

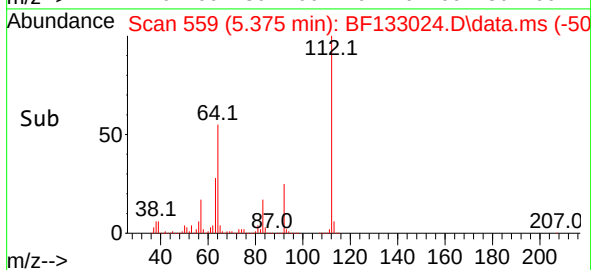
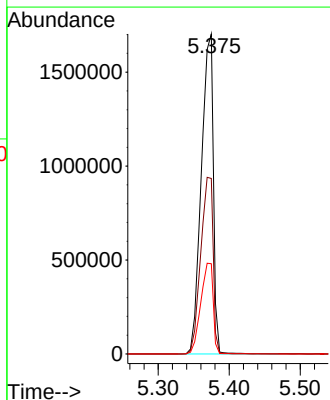
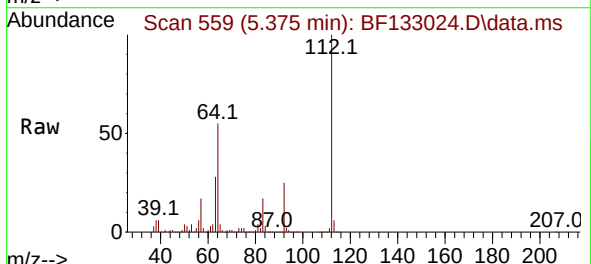
Instrument :
BNA_F
ClientSampleId :
PB152241BL

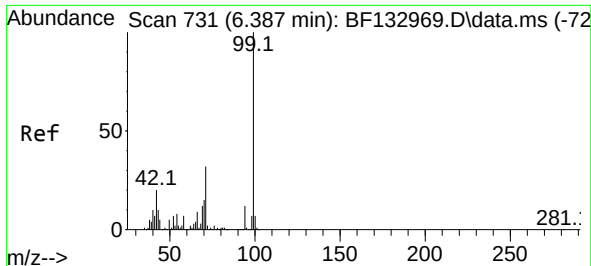
Tgt Ion:152 Resp: 239162
Ion Ratio Lower Upper
152 100
150 154.5 124.8 187.2
115 60.5 49.9 74.9



#5
2-Fluorophenol
Concen: 126.838 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.023 min
Lab File: BF133024.D
Acq: 25 Apr 2023 11:00

Tgt Ion:112 Resp: 2008124
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.2 23.8 35.8

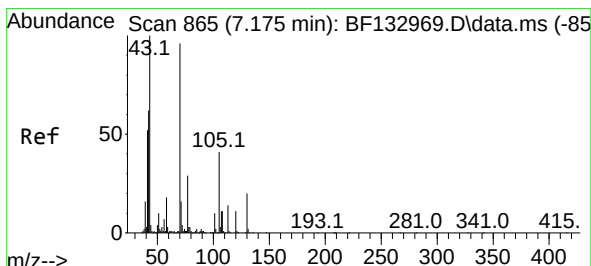
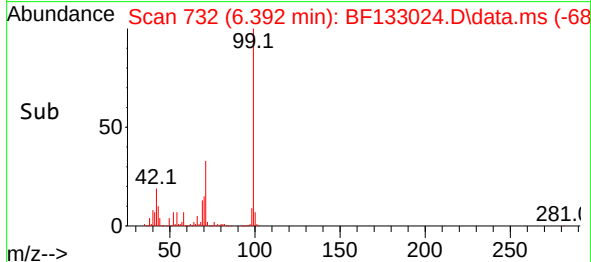
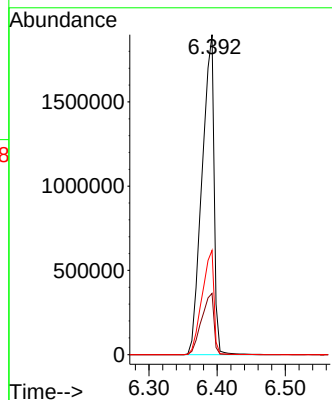
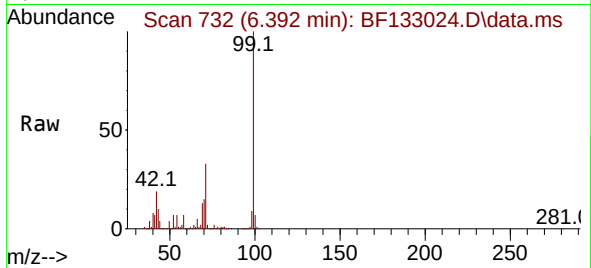




#7
Phenol-d6
Concen: 118.568 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133024.D
Acq: 25 Apr 2023 11:00

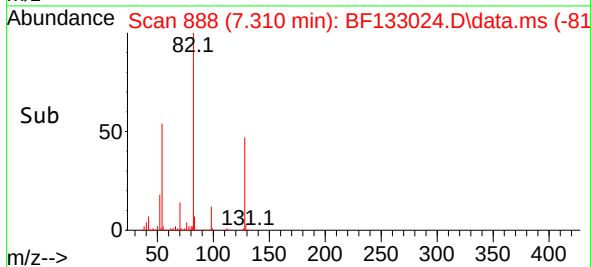
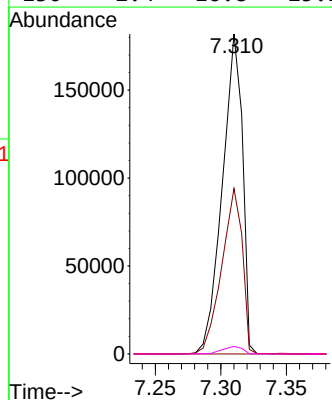
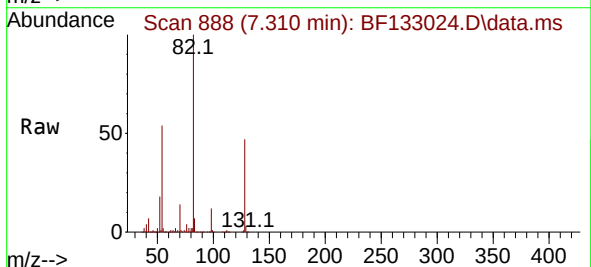
Instrument :
BNA_F
ClientSampleId :
PB152241BL

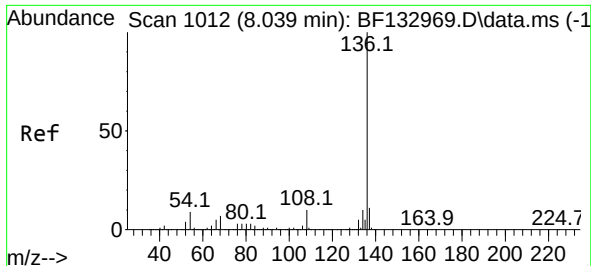
Tgt Ion: 99 Resp: 2329989
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.830 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF133024.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 70 Resp: 193660
Ion Ratio Lower Upper
70 100
42 51.7 51.8 77.6#
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#

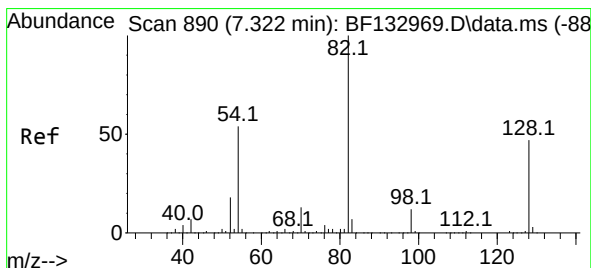
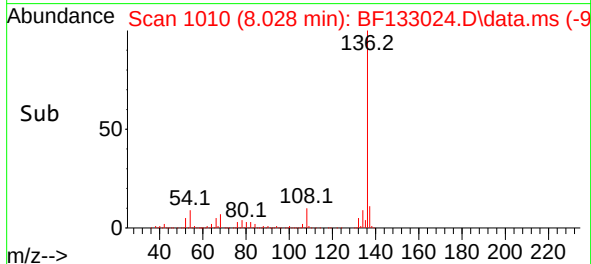
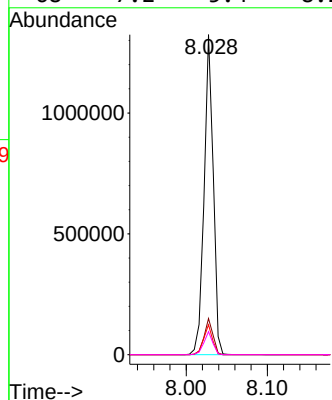
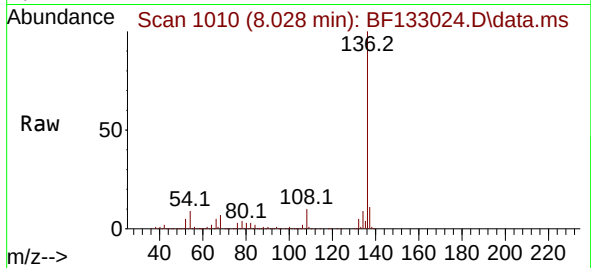




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133024.D
Acq: 25 Apr 2023 11:00

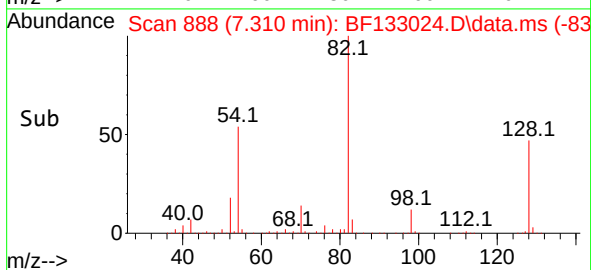
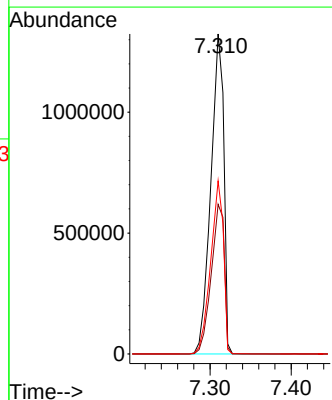
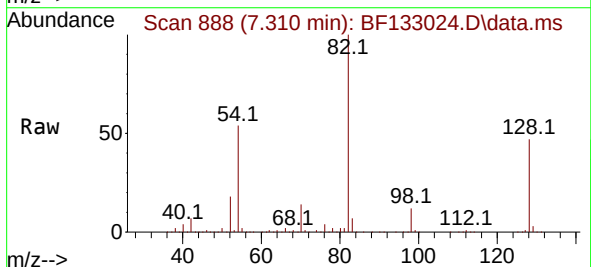
Instrument :
BNA_F
ClientSampleId :
PB152241BL

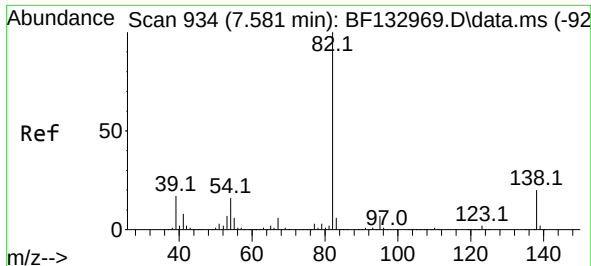
Tgt Ion:136 Resp: 1030694
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.3 7.0 10.4
68 7.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 76.352 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF133024.D
Acq: 25 Apr 2023 11:00

Tgt Ion: 82 Resp: 1457954
Ion Ratio Lower Upper
82 100
128 46.7 37.7 56.5
54 54.1 43.0 64.4

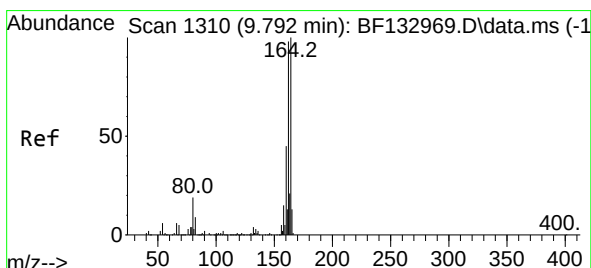
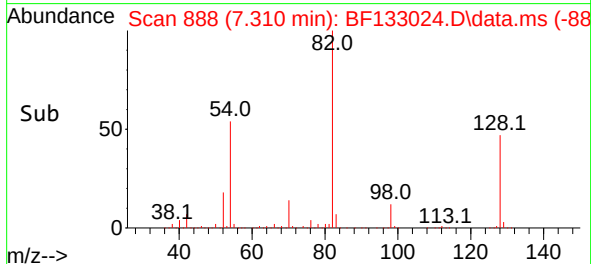
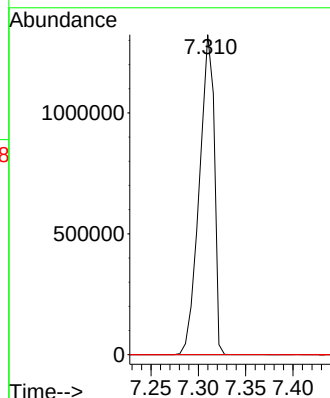
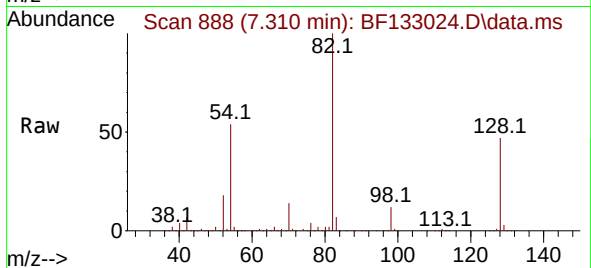




#25
Isophorone
Concen: 40.137 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133024.D
Acq: 25 Apr 2023 11:00

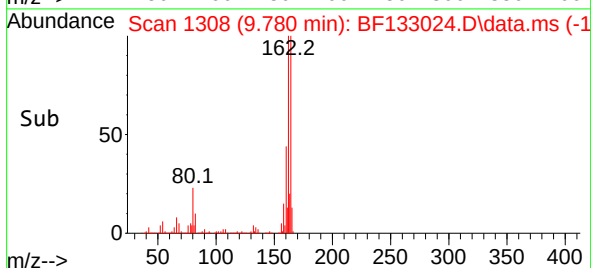
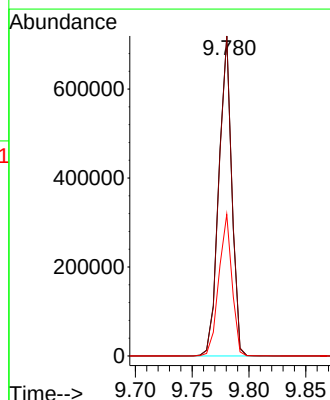
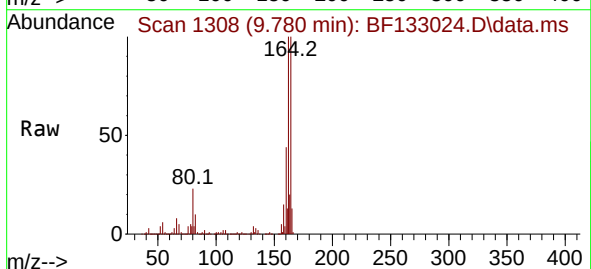
Instrument :
BNA_F
ClientSampleId :
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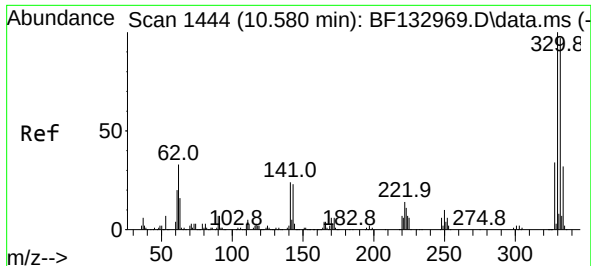
Tgt Ion: 82 Resp: 1455166
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF133024.D
Acq: 25 Apr 2023 11:00

Tgt Ion:164 Resp: 570467
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 44.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 117.241 ng

RT: 10.574 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133024.D

Acq: 25 Apr 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB152241BL

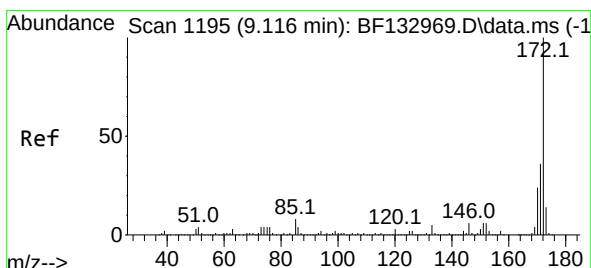
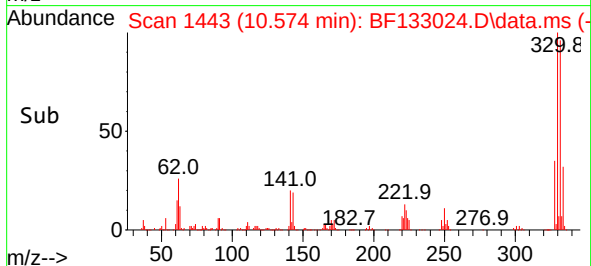
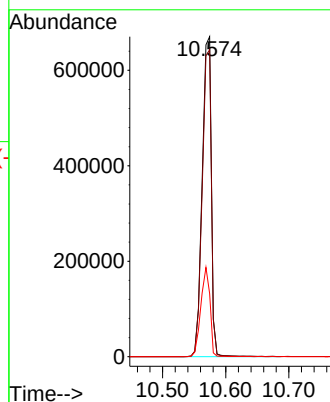
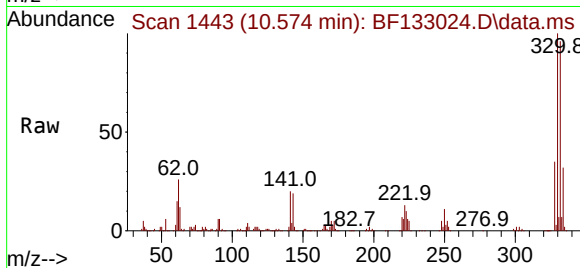
Tgt Ion:330 Resp: 672625

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 27.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 72.773 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF133024.D

Acq: 25 Apr 2023 11:00

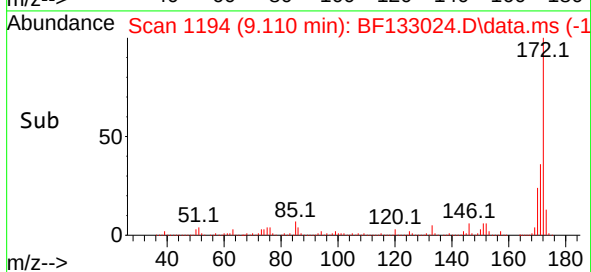
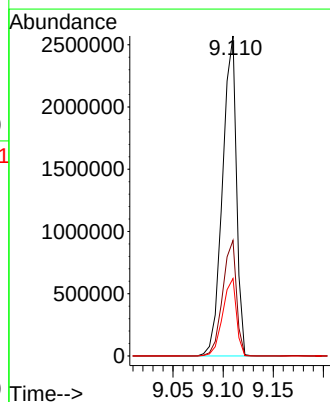
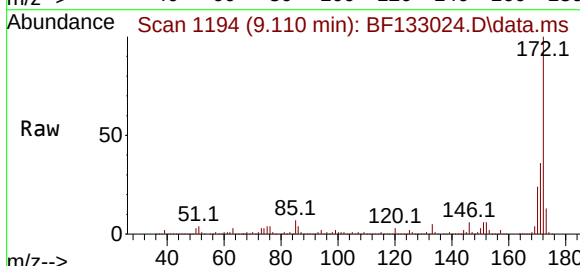
Tgt Ion:172 Resp: 2481455

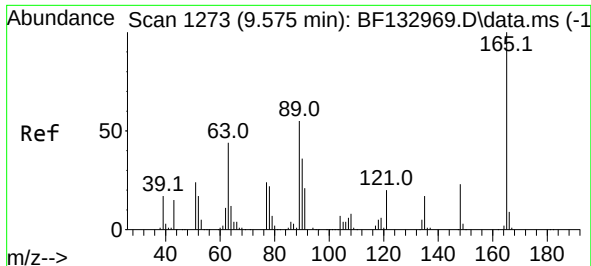
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.2 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.184 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133024.D

Acq: 25 Apr 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB152241BL

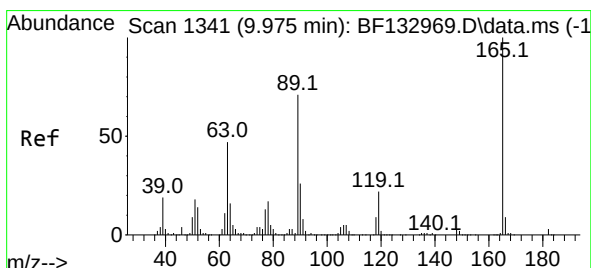
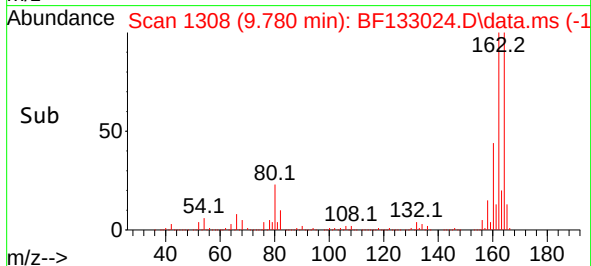
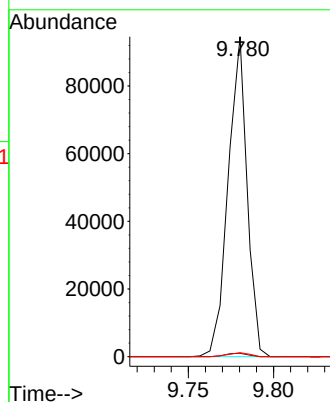
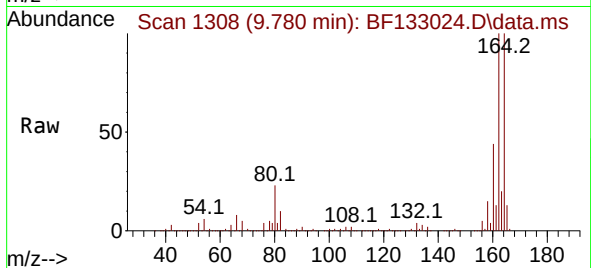
Tgt Ion:165 Resp: 73266

Ion Ratio Lower Upper

165 100

63 1.0 45.9 68.9#

89 1.2 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.417 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.194 min

Lab File: BF133024.D

Acq: 25 Apr 2023 11:00

Tgt Ion:165 Resp: 73266

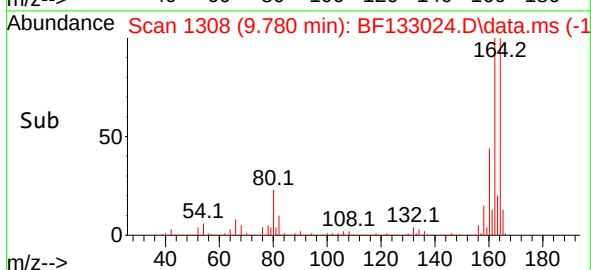
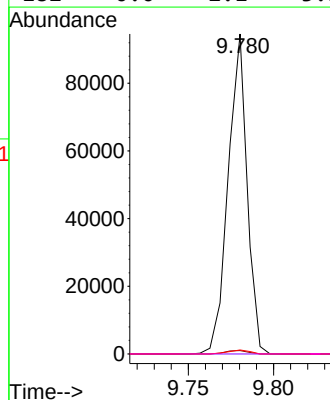
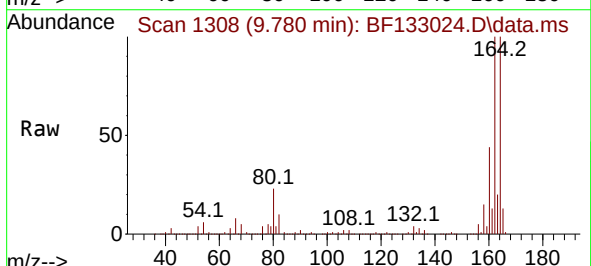
Ion Ratio Lower Upper

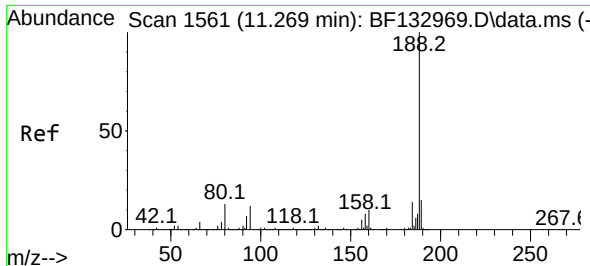
165 100

63 1.0 37.7 56.5#

89 1.2 57.0 85.4#

182 0.0 2.1 3.1#

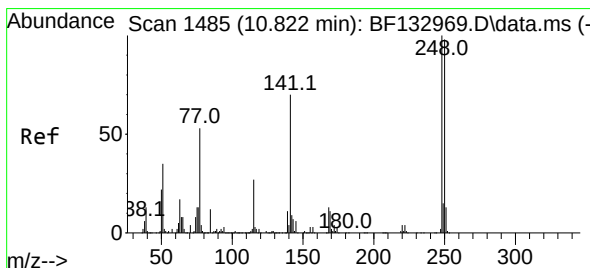
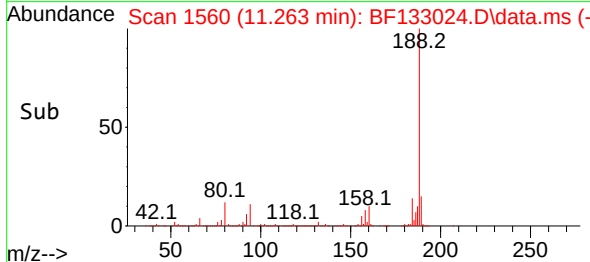
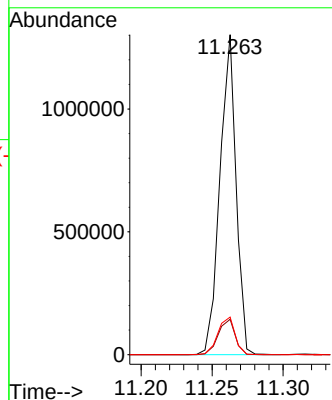
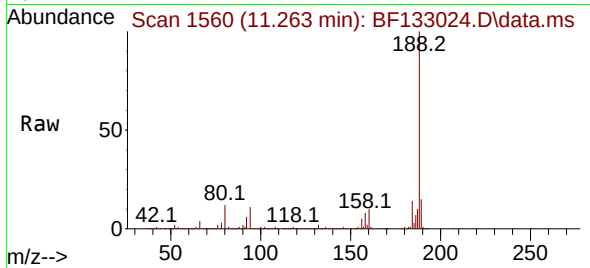




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133024.D
Acq: 25 Apr 2023 11:00

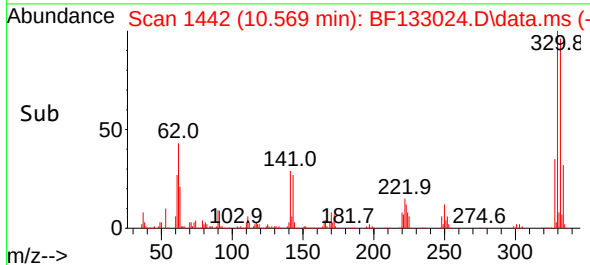
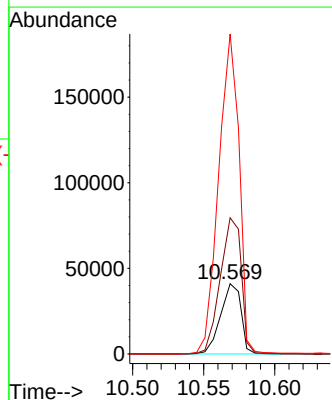
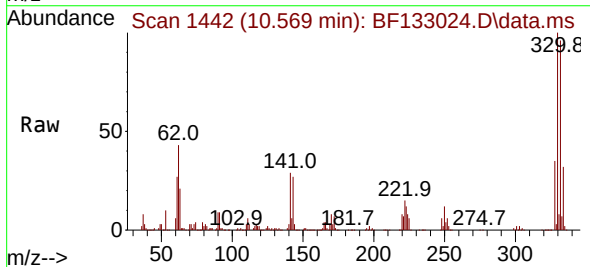
Instrument :
BNA_F
ClientSampleId :
PB152241BL

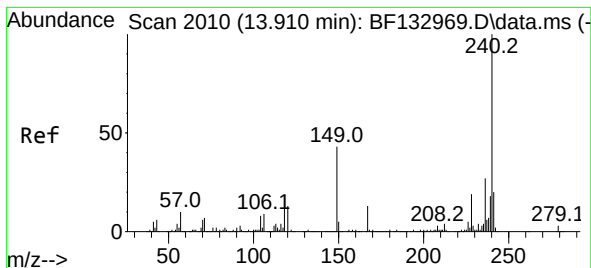
Tgt Ion:188 Resp: 1028093
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 11.8 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.672 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.253 min
Lab File: BF133024.D
Acq: 25 Apr 2023 11:00

Tgt Ion:248 Resp: 40948
Ion Ratio Lower Upper
248 100
250 193.9 78.7 118.1#
141 456.0 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF133024.D

Acq: 25 Apr 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB152241BL

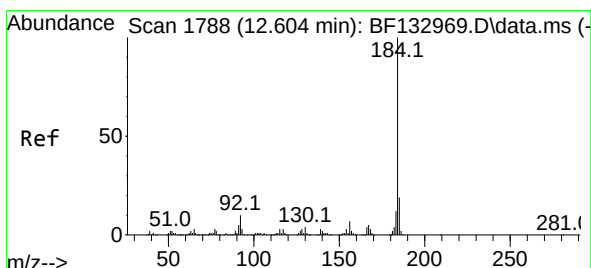
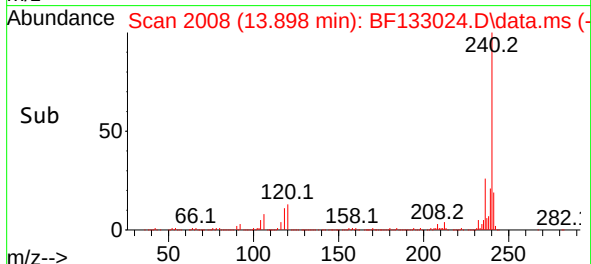
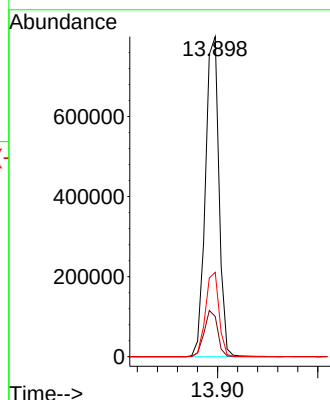
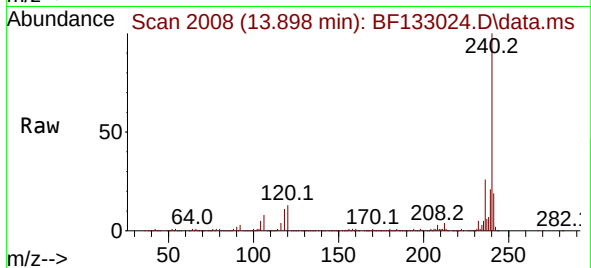
Tgt Ion:240 Resp: 754078

Ion Ratio Lower Upper

240 100

120 12.6 10.5 15.7

236 26.3 21.5 32.3



#77

Benzdine

Concen: 2.672 ng

RT: 12.857 min Scan# 1831

Delta R.T. 0.253 min

Lab File: BF133024.D

Acq: 25 Apr 2023 11:00

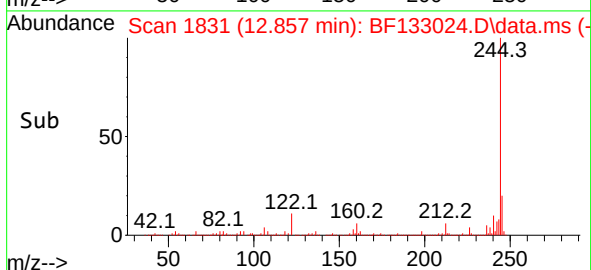
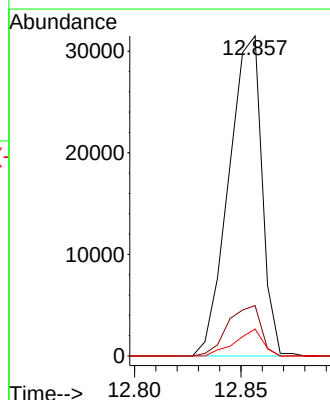
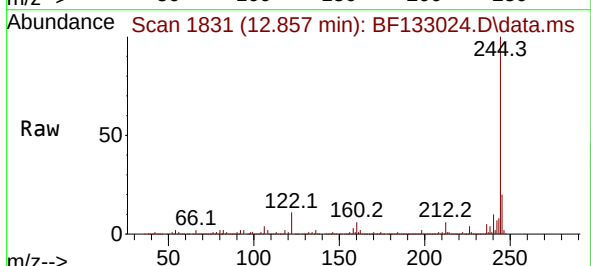
Tgt Ion:184 Resp: 34071

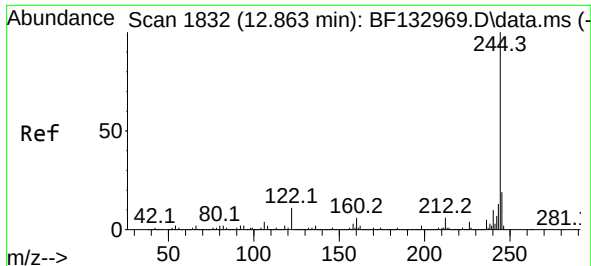
Ion Ratio Lower Upper

184 100

185 15.7 15.4 23.2

183 8.4 9.4 14.0#

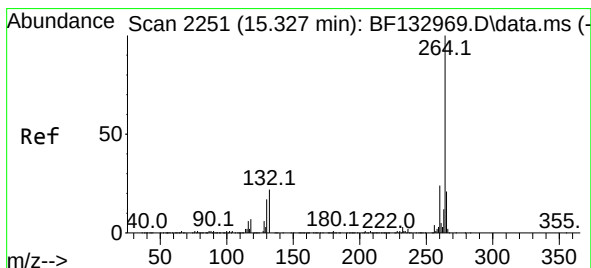
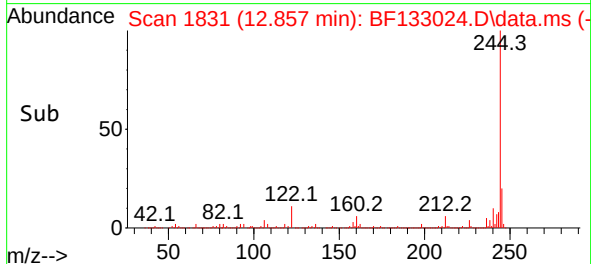
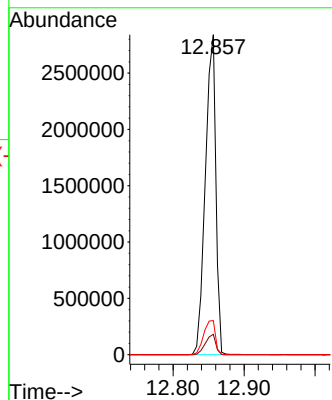
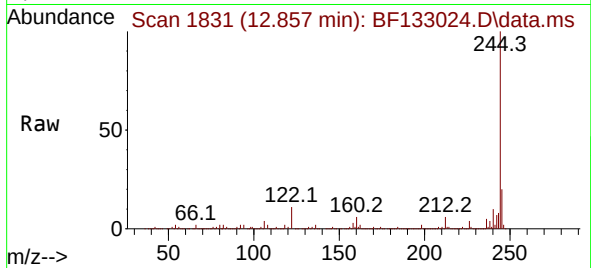




#79
 Terphenyl-d14
 Concen: 66.861 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF133024.D
 Acq: 25 Apr 2023 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB152241BL

Tgt Ion:244 Resp: 2923365
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 10.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. -0.006 min
 Lab File: BF133024.D
 Acq: 25 Apr 2023 11:00

Tgt Ion:264 Resp: 677096
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.3 17.0 25.4

