

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133386.D
 Acq On : 15 May 2023 16:04
 Operator : CG\JU
 Sample : PB152783BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152783BL

Quant Time: May 15 17:23:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

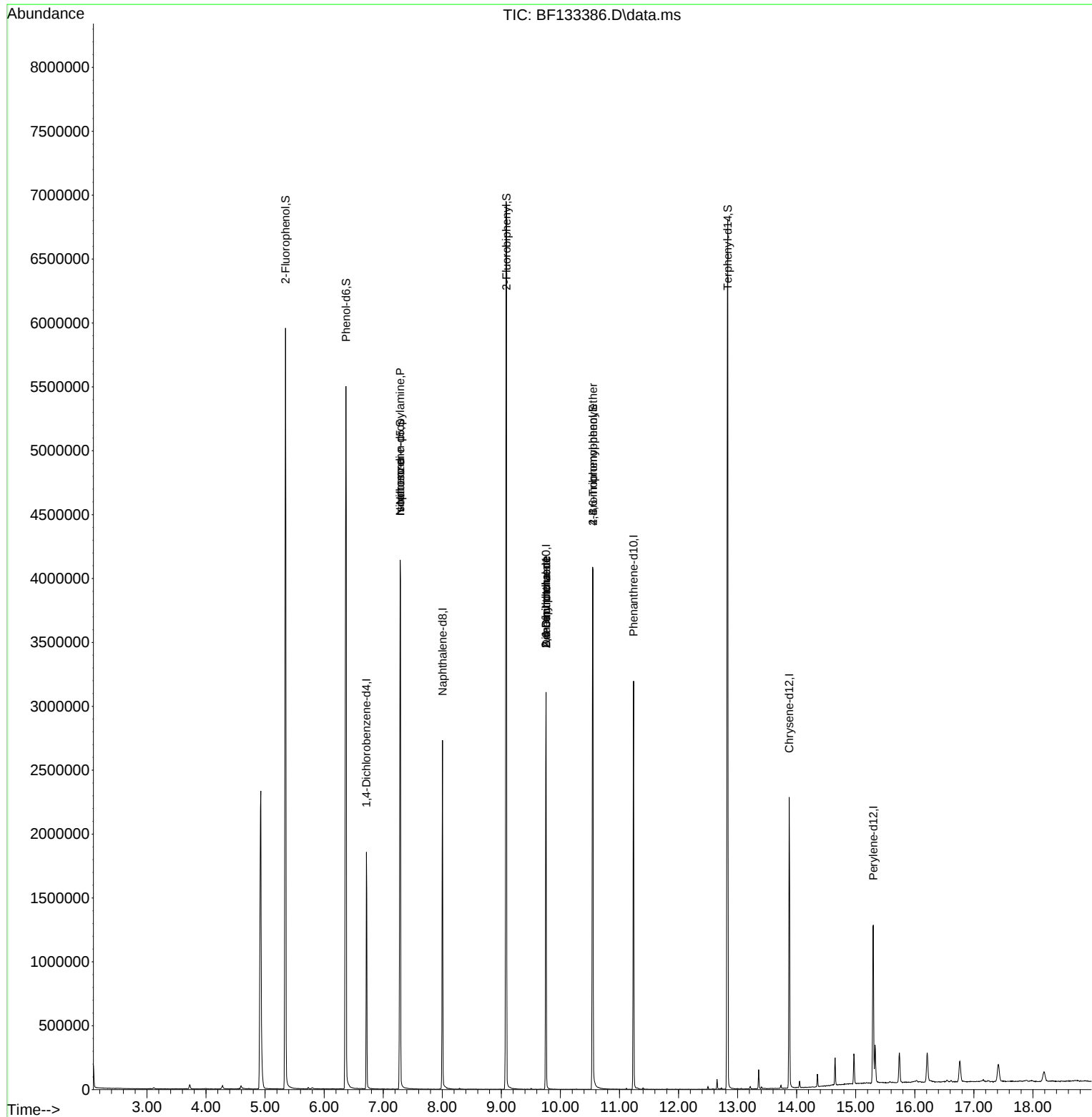
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	271516	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1145312	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	618278	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1128912	20.000	ng	0.00
76) Chrysene-d12	13.874	240	724617	20.000	ng	0.00
86) Perylene-d12	15.298	264	559420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2066840	114.991	ng	0.02
7) Phenol-d6	6.369	99	2551606	114.374	ng	0.00
23) Nitrobenzene-d5	7.287	82	1577187	74.330	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	642707	103.363	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2593187	70.169	ng	0.00
79) Terphenyl-d14	12.833	244	2932829	69.805	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.216	77	129	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.287	70	207780	14.960	ng	# 76
25) Isophorone	7.287	82	1577177	39.149	ng	# 63
50) Dimethylphthalate	9.757	163	126458	2.933	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	80402	8.286	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	80402	6.497	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	40005	3.267	ng	# 1

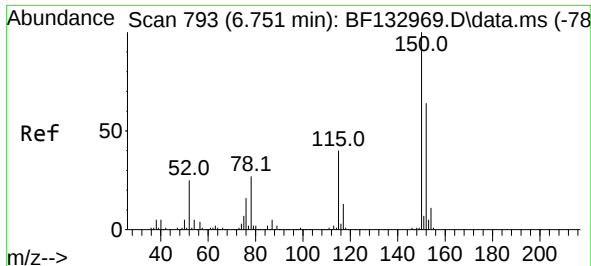
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133386.D
Acq On : 15 May 2023 16:04
Operator : CG\JU
Sample : PB152783BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB152783BL

Quant Time: May 15 17:23:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:40:17 2023
Response via : Initial Calibration

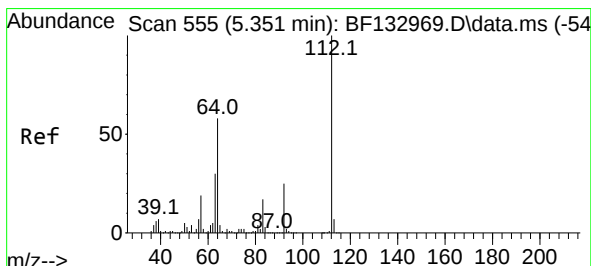
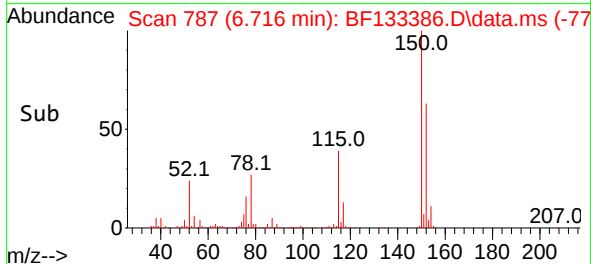
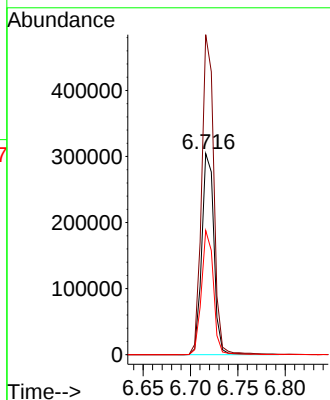
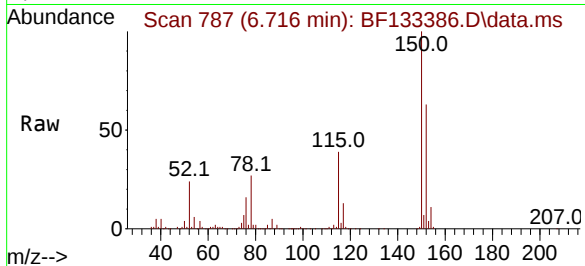




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

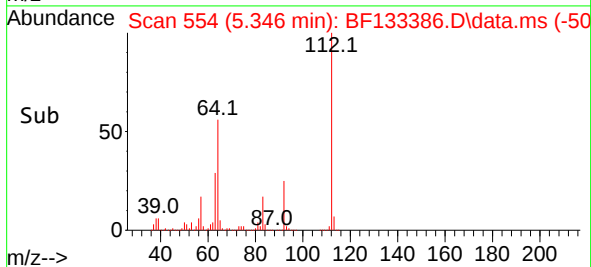
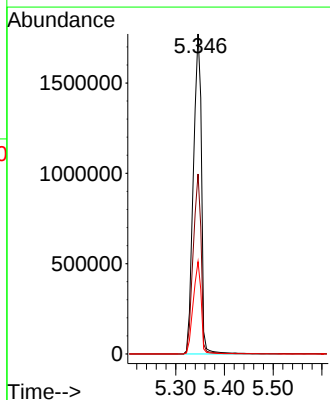
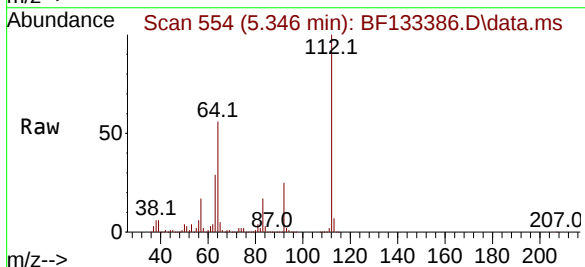
Instrument :
BNA_F
ClientSampleId :
PB152783BL

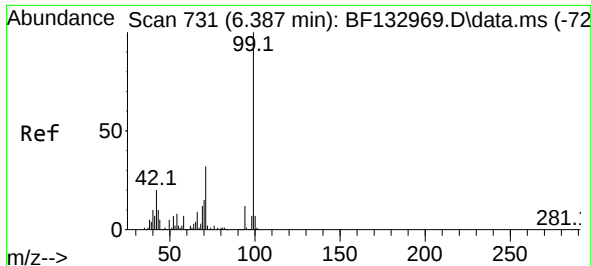
Tgt Ion:152 Resp: 271516
Ion Ratio Lower Upper
152 100
150 159.0 124.8 187.2
115 61.7 49.9 74.9



#5
2-Fluorophenol
Concen: 114.991 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.018 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

Tgt Ion:112 Resp: 2066840
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 28.9 23.8 35.8

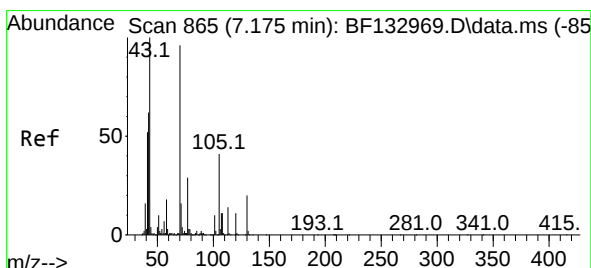
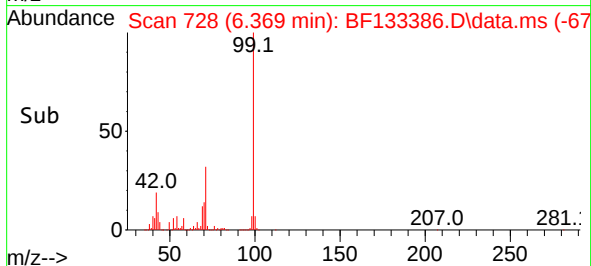
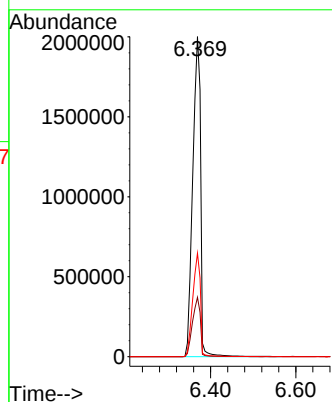
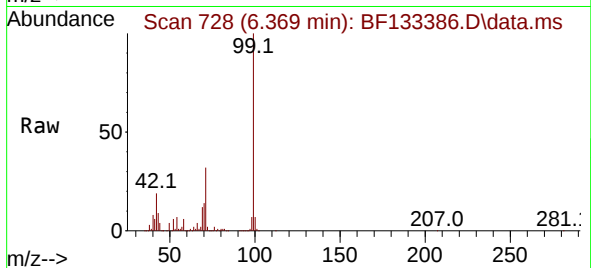




#7
Phenol-d6
Concen: 114.374 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

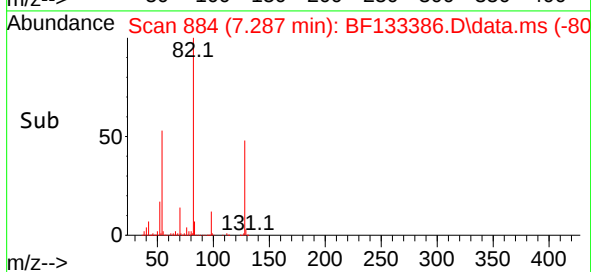
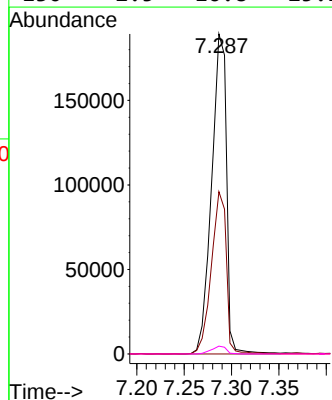
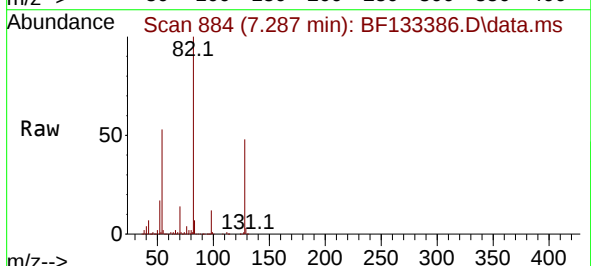
Instrument :
BNA_F
ClientSampleId :
PB152783BL

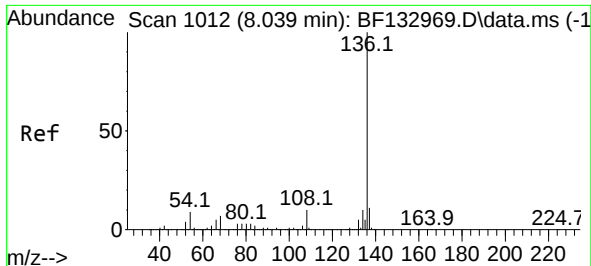
Tgt Ion: 99 Resp: 2551606
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.960 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

Tgt Ion: 70 Resp: 207780
Ion Ratio Lower Upper
70 100
42 50.7 51.8 77.6#
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#

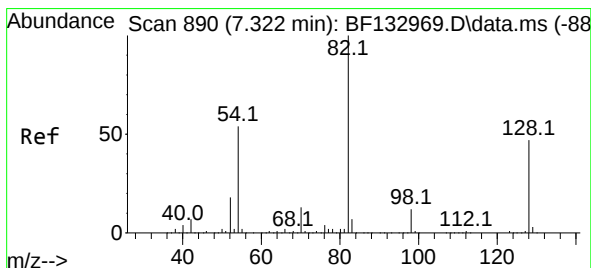
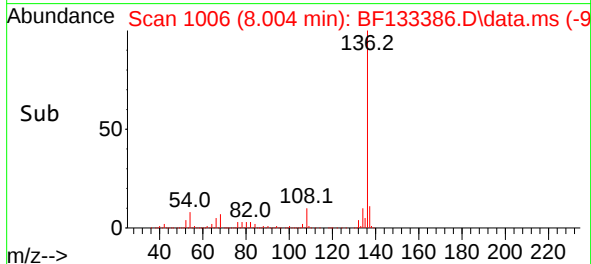
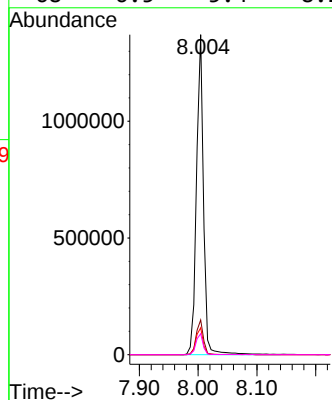
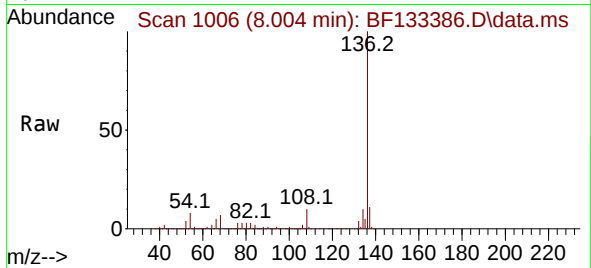




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

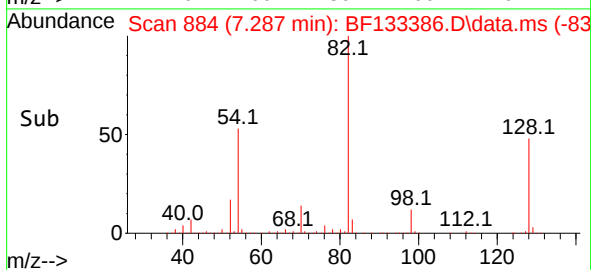
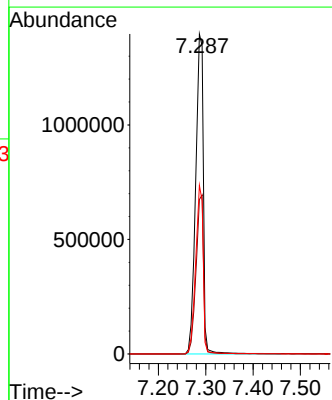
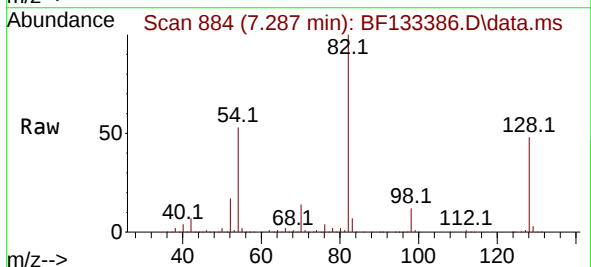
Instrument :
BNA_F
ClientSampleId :
PB152783BL

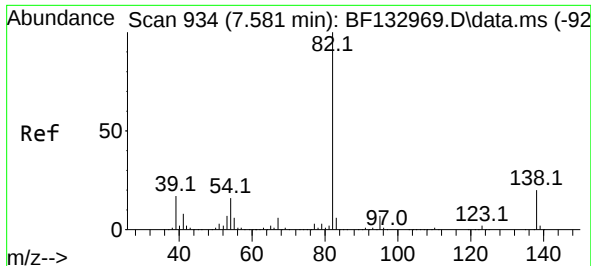
Tgt Ion:136 Resp: 1145312
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 7.0 10.4
68 6.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 74.330 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

Tgt Ion: 82 Resp: 1577187
Ion Ratio Lower Upper
82 100
128 48.2 37.7 56.5
54 52.7 43.0 64.4

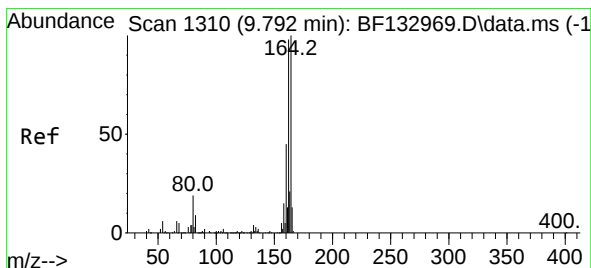
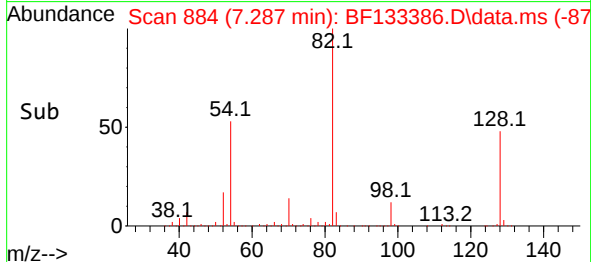
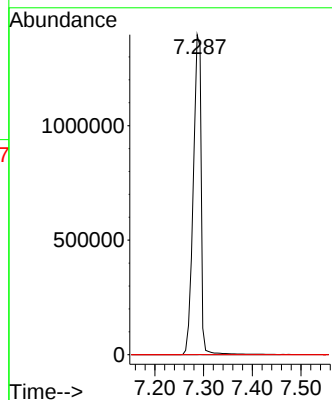
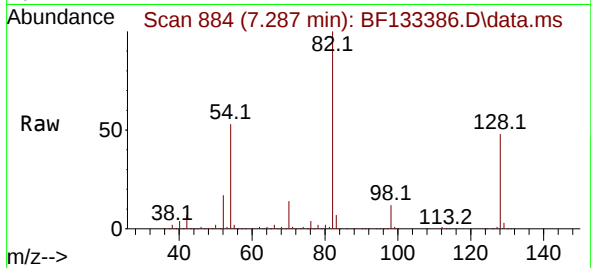




#25
Isophorone
Concen: 39.149 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

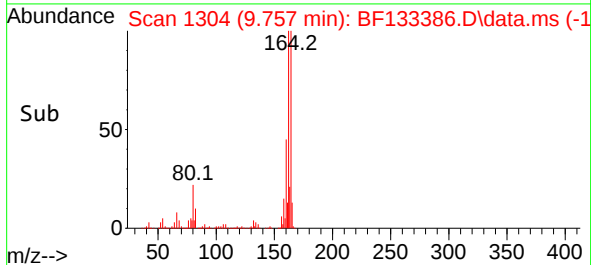
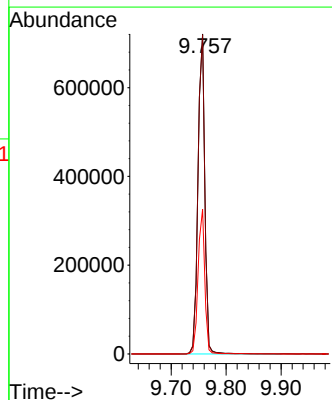
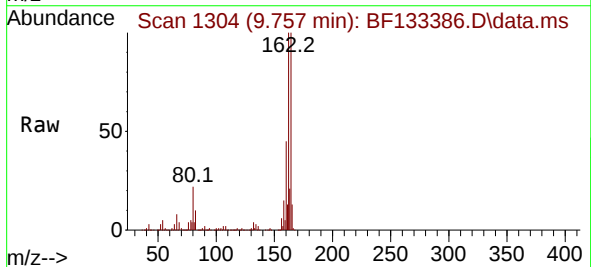
Instrument :
BNA_F
ClientSampleId :
PB152783BL

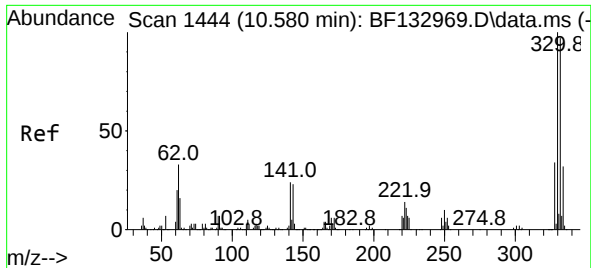
Tgt Ion: 82 Resp: 1577177
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

Tgt Ion:164 Resp: 618278
Ion Ratio Lower Upper
164 100
162 99.7 78.7 118.1
160 45.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 103.363 ng

RT: 10.551 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133386.D

Acq: 15 May 2023 16:04

Instrument :

BNA_F

ClientSampleId :

PB152783BL

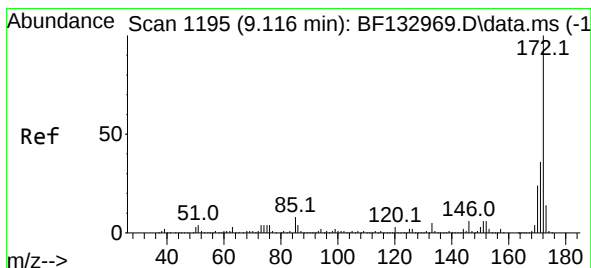
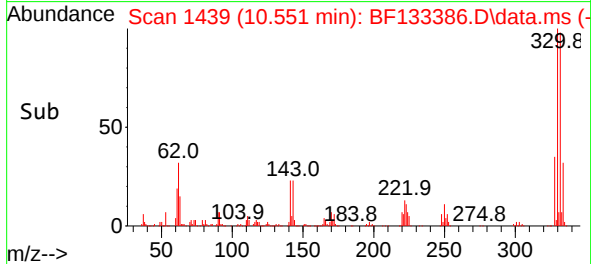
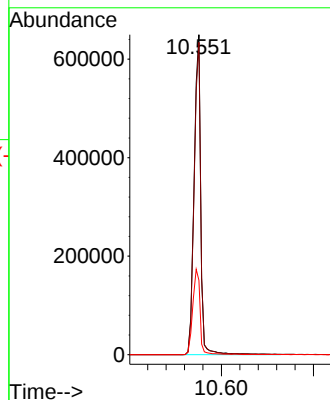
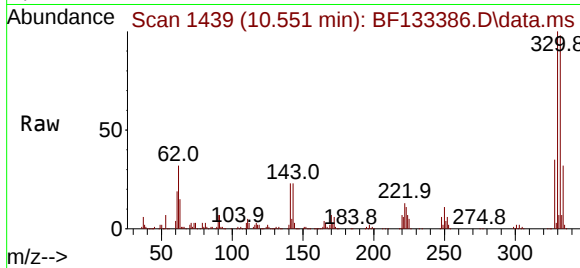
Tgt Ion:330 Resp: 642707

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 29.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 70.169 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133386.D

Acq: 15 May 2023 16:04

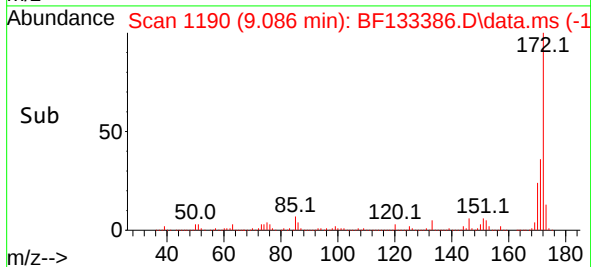
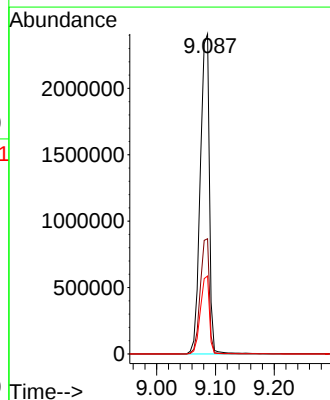
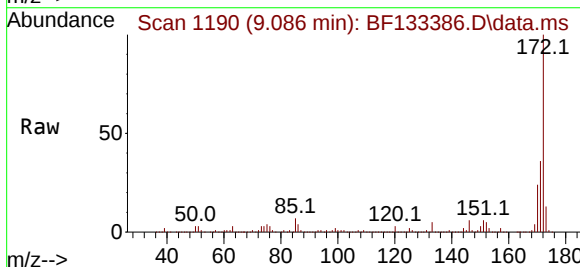
Tgt Ion:172 Resp: 2593187

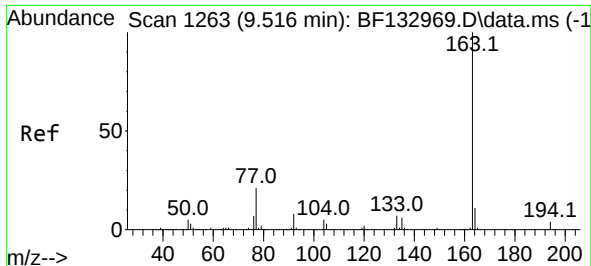
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.3 19.4 29.2

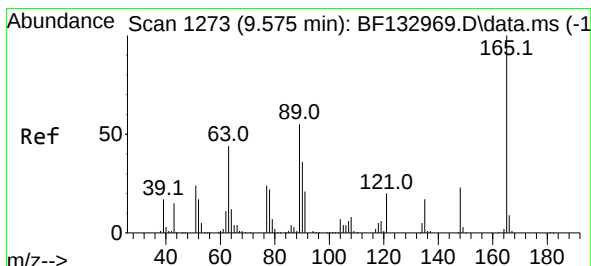
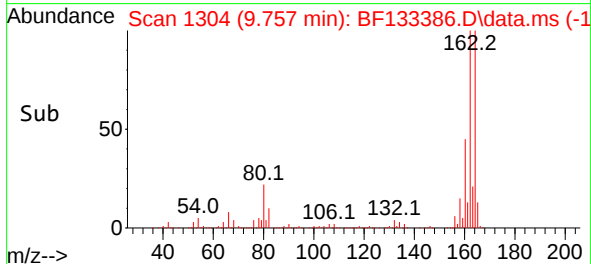
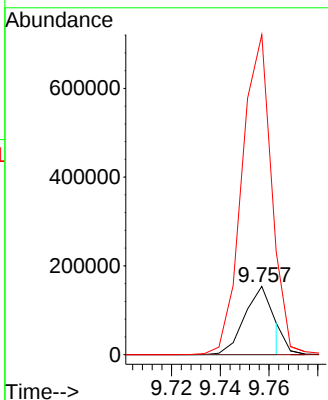
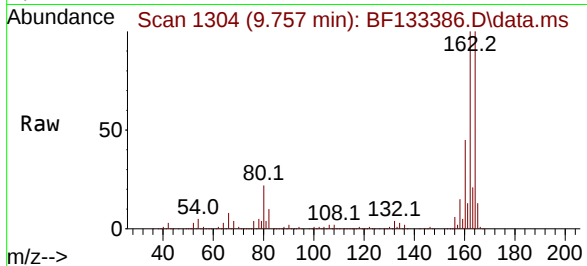




#50
Dimethylphthalate
Concen: 2.933 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

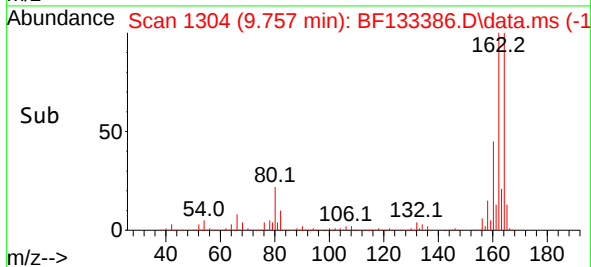
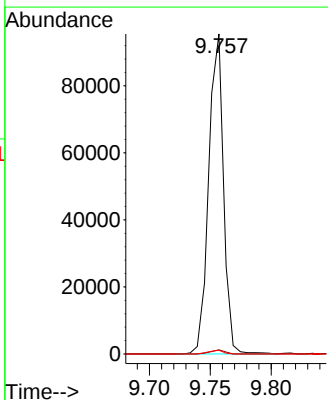
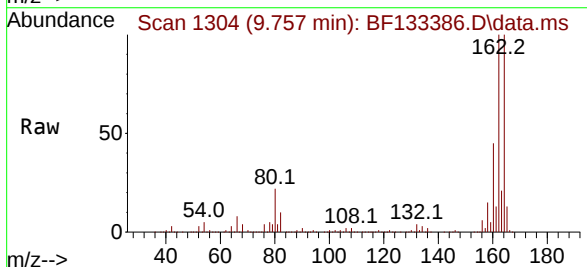
Instrument :
BNA_F
ClientSampleId :
PB152783BL

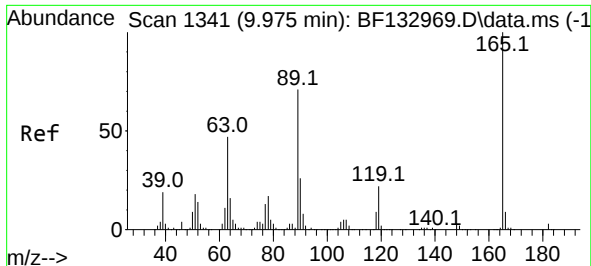
Tgt Ion:163 Resp: 126458
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 468.8 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.286 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.212 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

Tgt Ion:165 Resp: 80402
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.1 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.497 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF133386.D

Acq: 15 May 2023 16:04

Instrument :

BNA_F

ClientSampleId :

PB152783BL

Tgt Ion:165 Resp: 80402

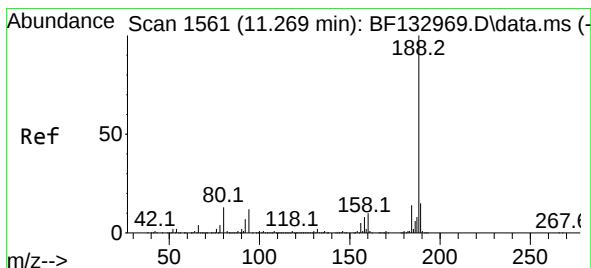
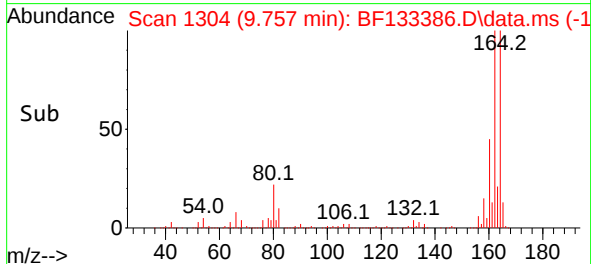
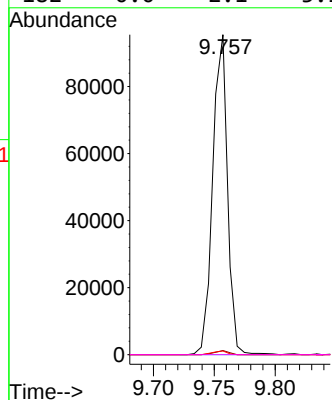
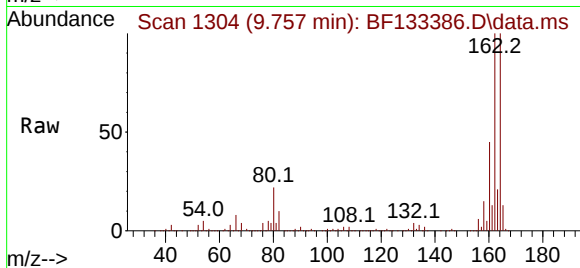
Ion Ratio Lower Upper

165 100

63 1.3 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. 0.000 min

Lab File: BF133386.D

Acq: 15 May 2023 16:04

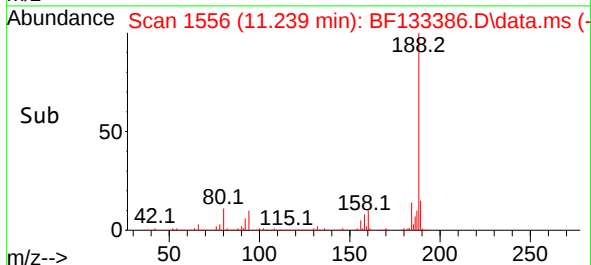
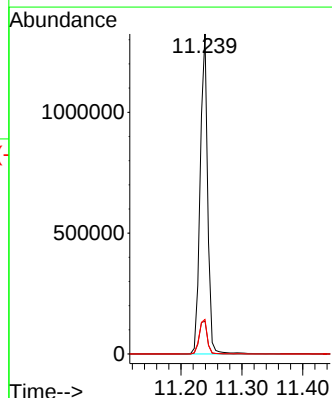
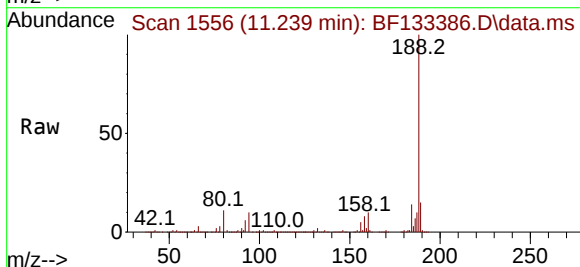
Tgt Ion:188 Resp: 1128912

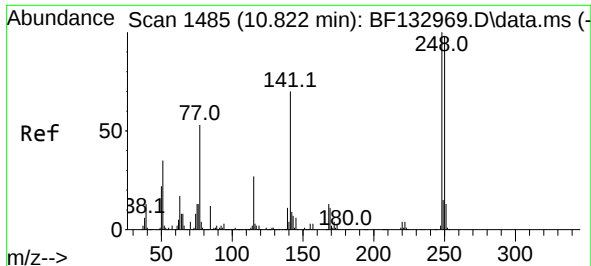
Ion Ratio Lower Upper

188 100

94 10.3 9.7 14.5

80 10.8 10.4 15.6

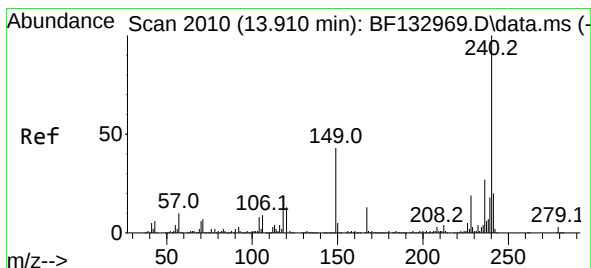
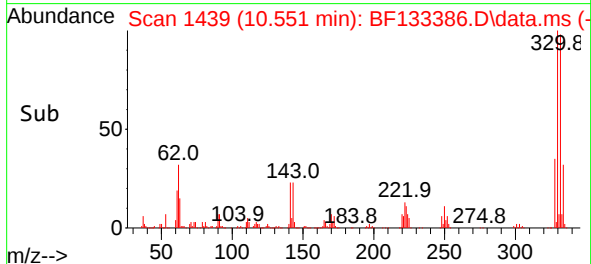
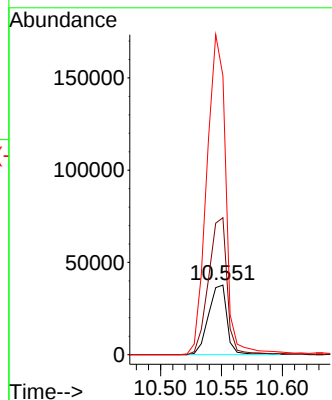
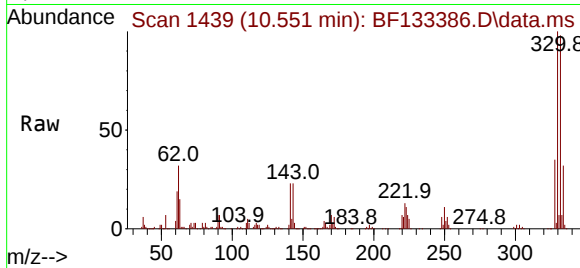




#67
4-Bromophenyl-phenylether
Concen: 3.267 ng
RT: 10.551 min Scan# 1485
Delta R.T. -0.235 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

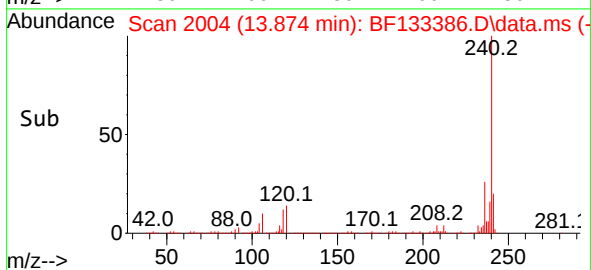
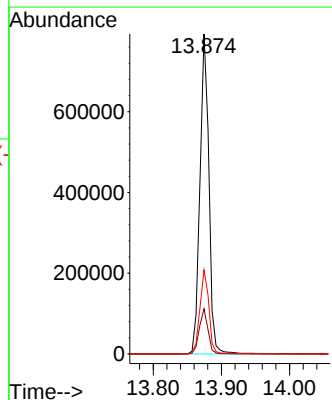
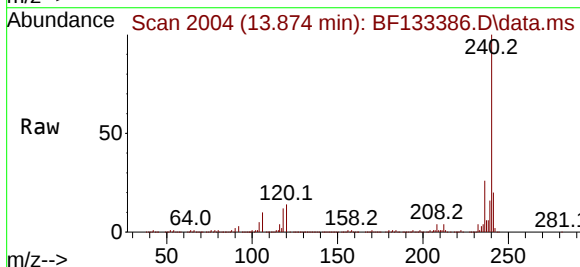
Instrument :
BNA_F
ClientSampleId :
PB152783BL

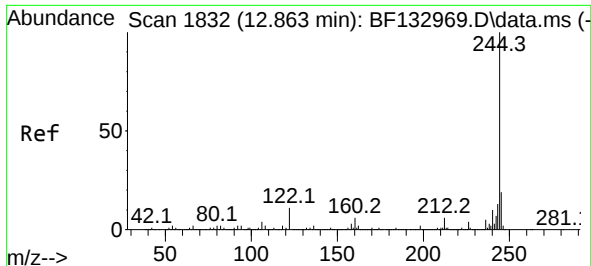
Tgt Ion:248 Resp: 40005
Ion Ratio Lower Upper
248 100
250 196.7 78.7 118.1#
141 400.3 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133386.D
Acq: 15 May 2023 16:04

Tgt Ion:240 Resp: 724617
Ion Ratio Lower Upper
240 100
120 14.1 10.5 15.7
236 26.3 21.5 32.3

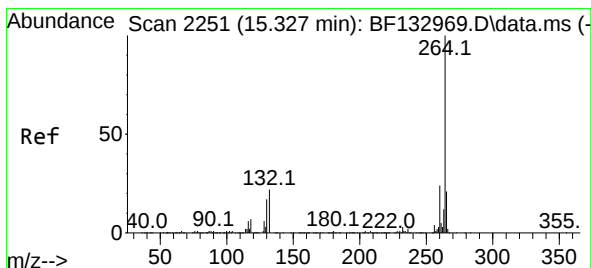
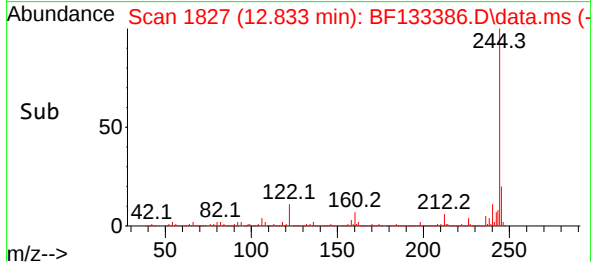
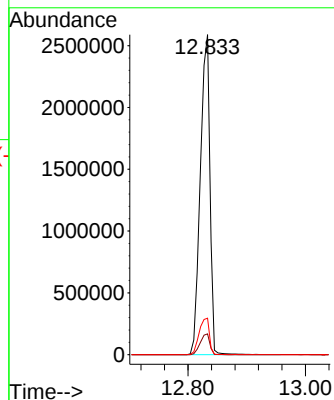
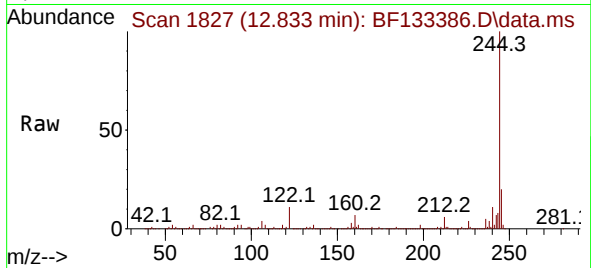




#79
 Terphenyl-d14
 Concen: 69.805 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133386.D
 Acq: 15 May 2023 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB152783BL

Tgt Ion:244 Resp: 2932829
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.4 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. 0.006 min
 Lab File: BF133386.D
 Acq: 15 May 2023 16:04

Tgt Ion:264 Resp: 559420
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 22.3 17.0 25.4

