

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
 Data File : BF132977.D
 Acq On : 21 Apr 2023 19:30
 Operator : CG\JU
 Sample : PB152302BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152302BL

Quant Time: Apr 22 04:30:12 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)

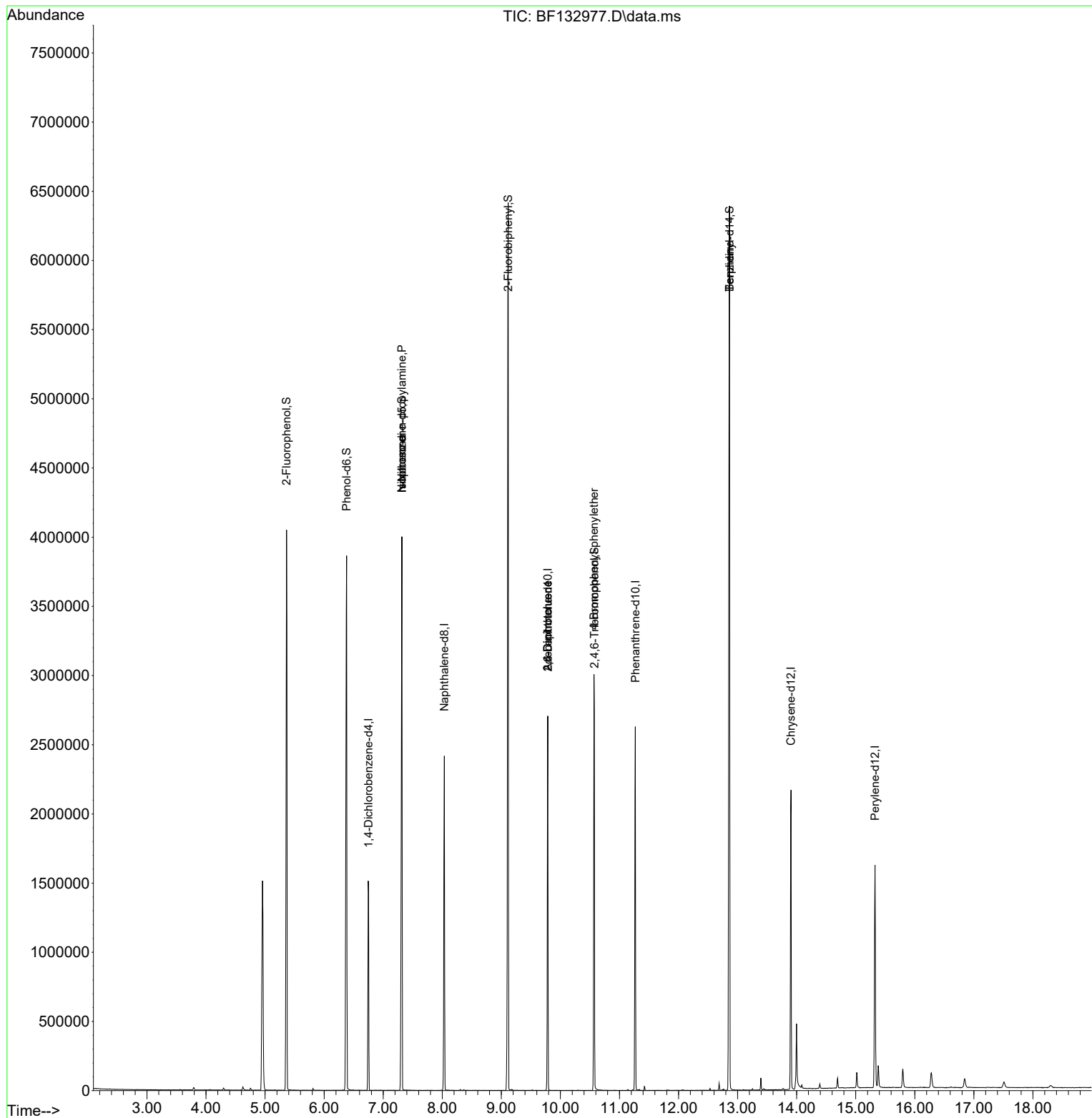
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	225736	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	937921	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	499740	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	895378	20.000	ng	0.00
76) Chrysene-d12	13.904	240	722731	20.000	ng	0.00
86) Perylene-d12	15.327	264	663546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1265201	84.666	ng	0.01
7) Phenol-d6	6.381	99	1528166	82.391	ng	0.00
23) Nitrobenzene-d5	7.316	82	1359633	78.246	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	376233	74.860	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	2162754	72.403	ng	0.00
79) Terphenyl-d14	12.863	244	2681091	63.979	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	2429	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.316	70	179532	15.548	ng	# 78
25) Isophorone	7.316	82	1354357	41.051	ng	# 63
51) 2,6-Dinitrotoluene	9.786	165	65658	8.372	ng	# 25
57) 2,4-Dinitrotoluene	9.786	165	65658	6.565	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	23622	2.433	ng	# 1
77) Benzydine	12.863	184	32075	2.624	ng	# 93

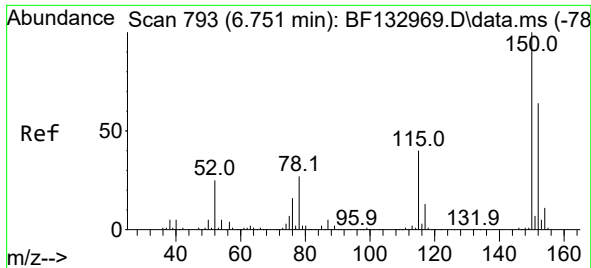
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
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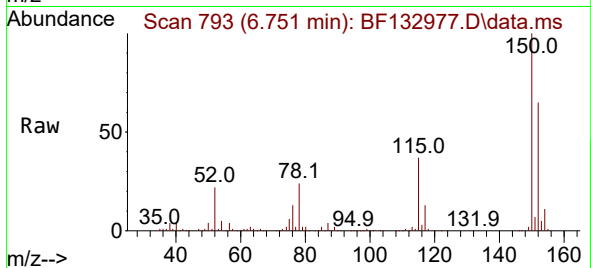
Quant Time: Apr 22 04:30:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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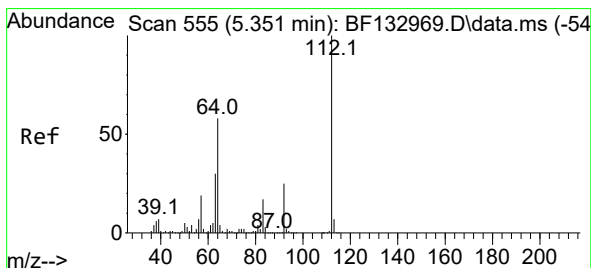
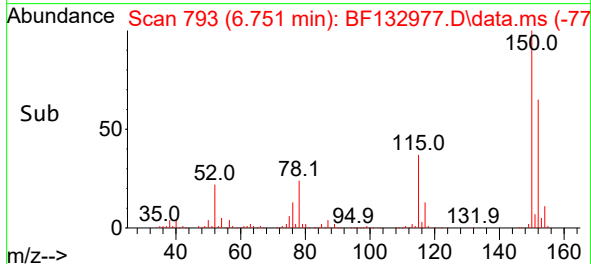
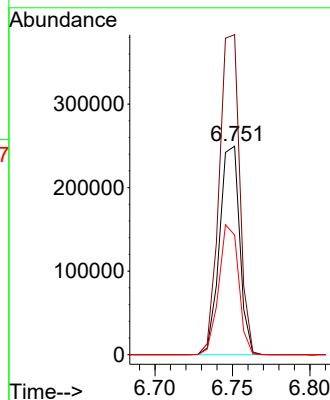


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

Instrument :
BNA_F
ClientSampleId :
PB152302BL

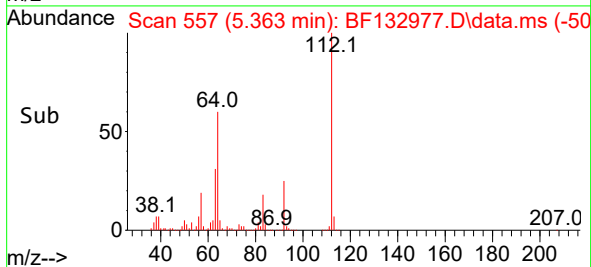
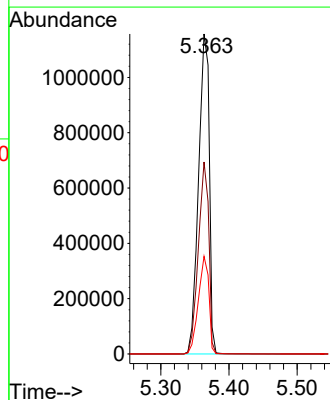
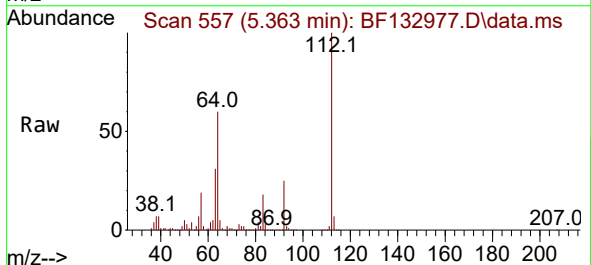


Tgt Ion:152 Resp: 225736
Ion Ratio Lower Upper
152 100
150 153.5 124.8 187.2
115 57.4 49.9 74.9



#5
2-Fluorophenol
Concen: 84.666 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.012 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

Tgt Ion:112 Resp: 1265201
Ion Ratio Lower Upper
112 100
64 60.0 46.8 70.2
63 30.5 23.8 35.8

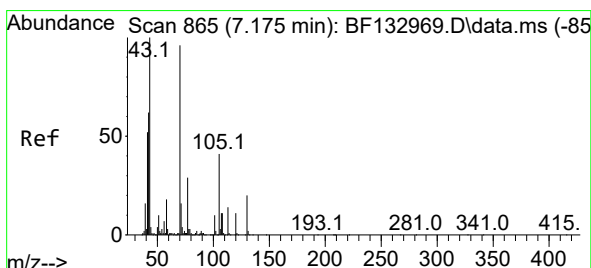
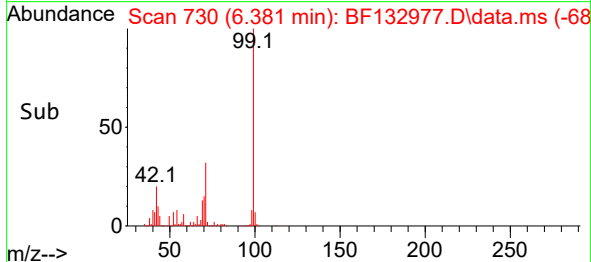
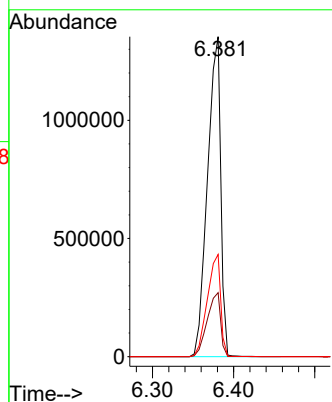
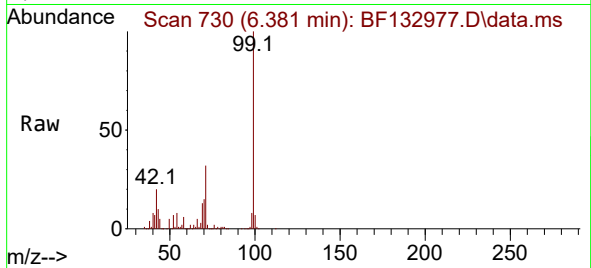




#7
Phenol-d6
Concen: 82.391 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

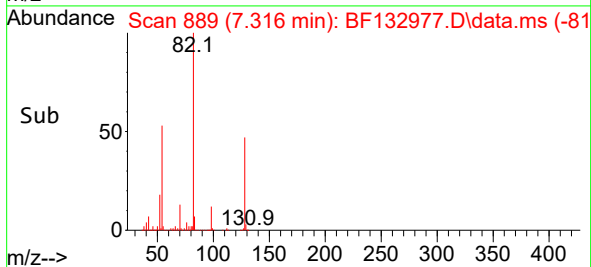
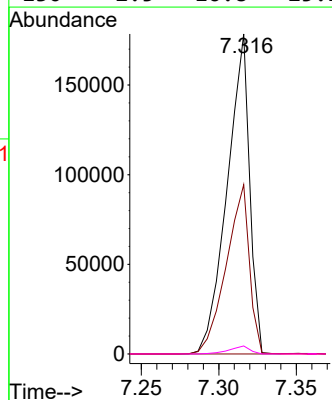
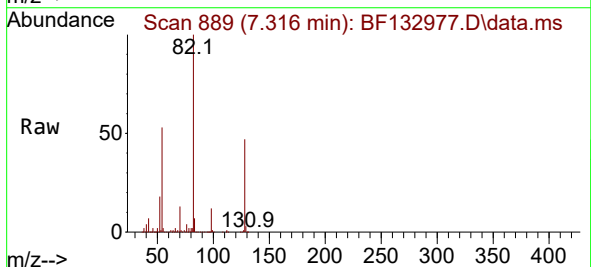
Instrument :
BNA_F
ClientSampleId :
PB152302BL

Tgt Ion: 99 Resp: 1528166
Ion Ratio Lower Upper
99 100
42 20.0 16.3 24.5
71 32.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.548 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

Tgt Ion: 70 Resp: 179532
Ion Ratio Lower Upper
70 100
42 52.9 51.8 77.6
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#

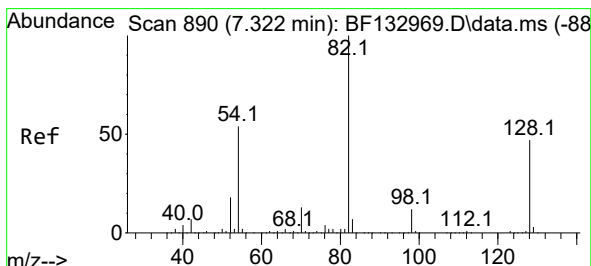
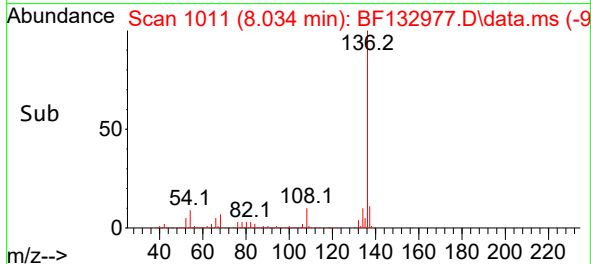
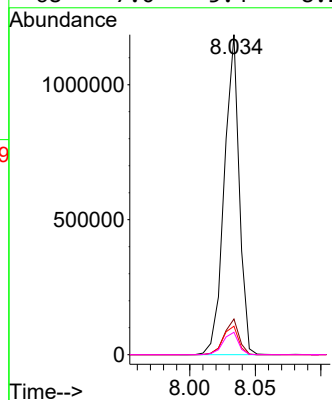
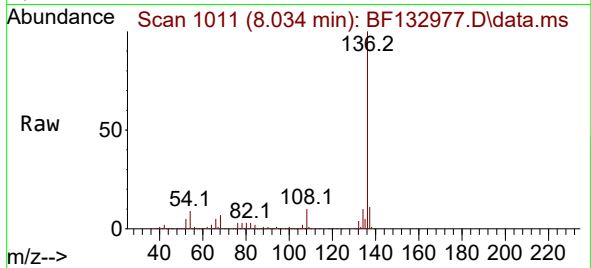




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

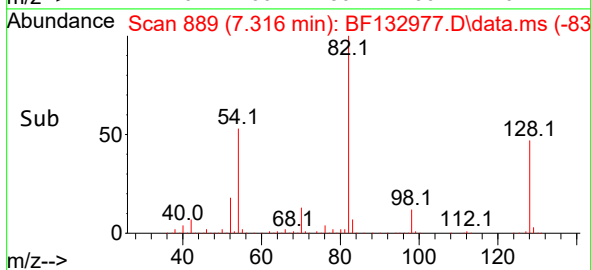
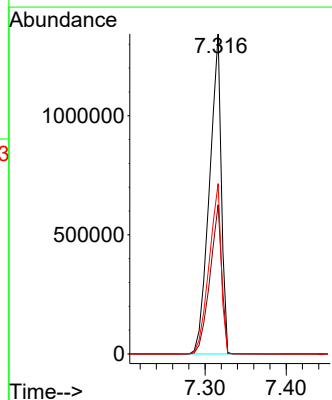
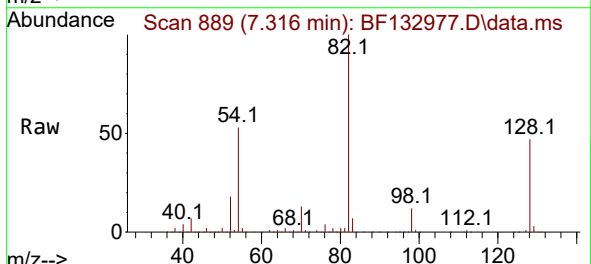
Instrument :
BNA_F
ClientSampleId :
PB152302BL

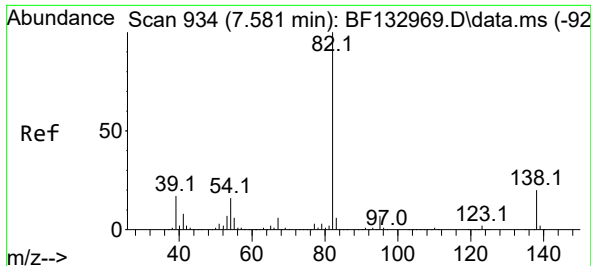
Tgt Ion:136 Resp: 937921
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.9 7.0 10.4
68 7.0 5.4 8.2



#23
Nitrobenzene-d5
Concen: 78.246 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

Tgt Ion: 82 Resp: 1359633
Ion Ratio Lower Upper
82 100
128 46.7 37.7 56.5
54 53.3 43.0 64.4

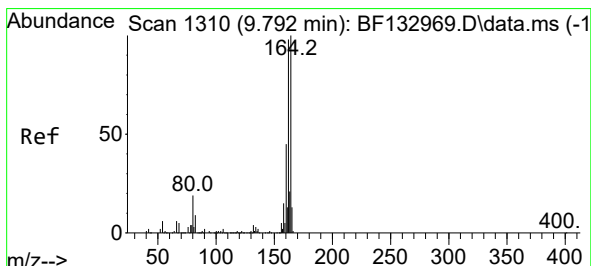
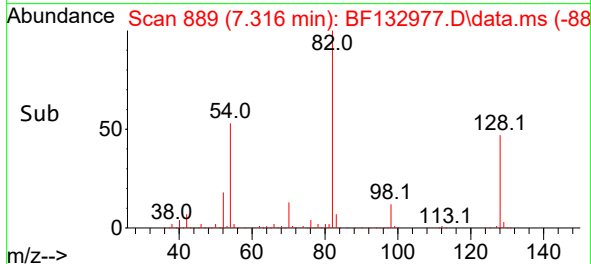
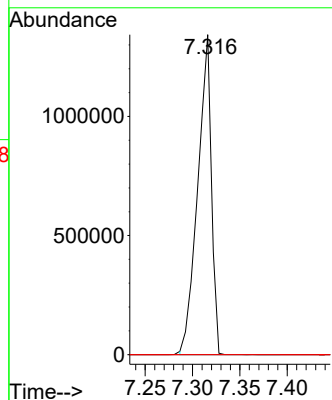
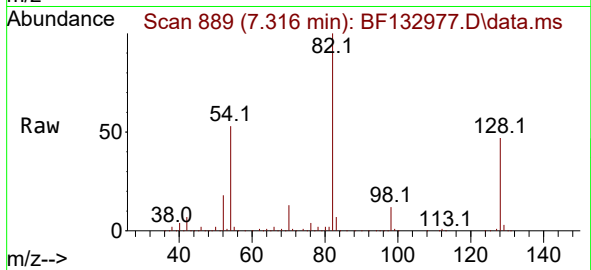




#25
Isophorone
Concen: 41.051 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

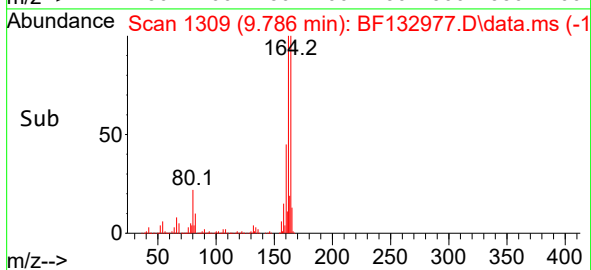
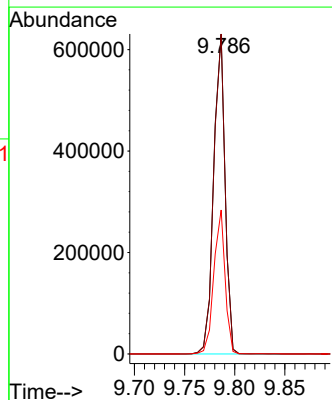
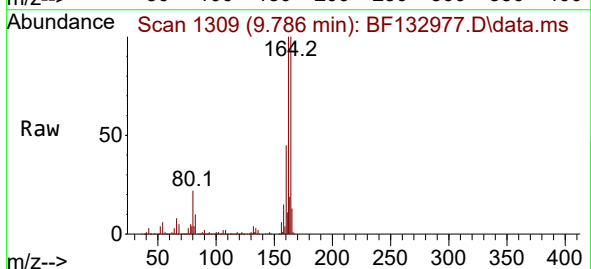
Instrument :
BNA_F
ClientSampleId :
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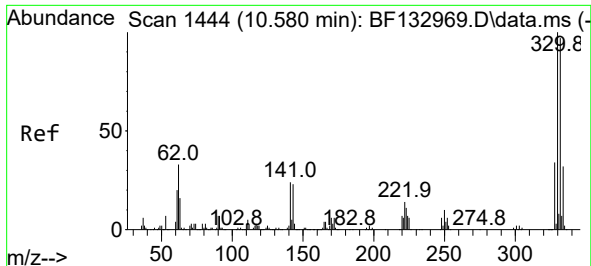
Tgt Ion: 82 Resp: 1354357
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

Tgt Ion:164 Resp: 499740
Ion Ratio Lower Upper
164 100
162 100.1 78.7 118.1
160 45.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 74.860 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF132977.D

Acq: 21 Apr 2023 19:30

Instrument :

BNA_F

ClientSampleId :

PB152302BL

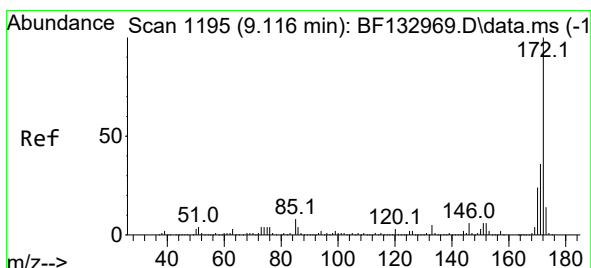
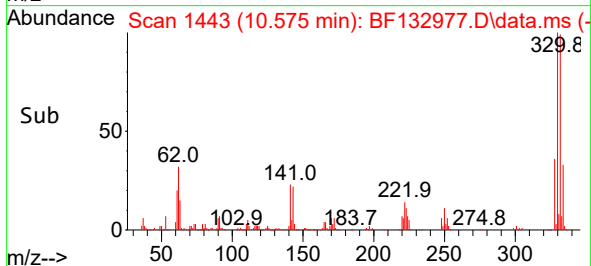
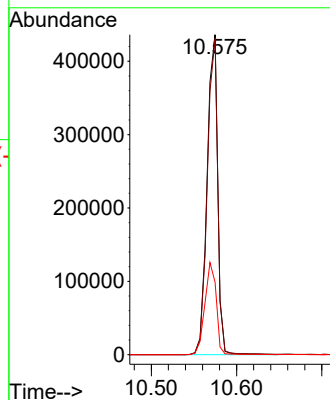
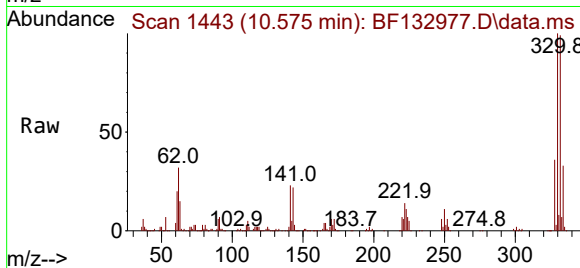
Tgt Ion:330 Resp: 376233

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 31.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 72.403 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF132977.D

Acq: 21 Apr 2023 19:30

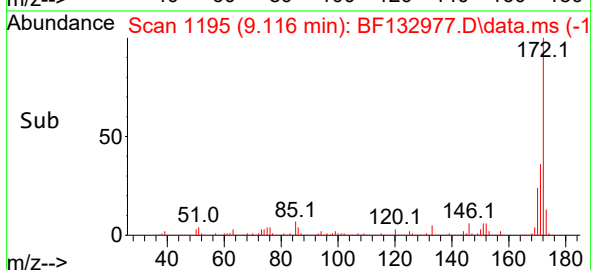
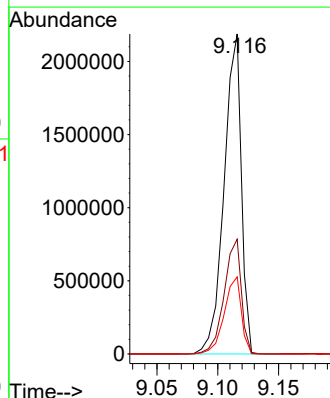
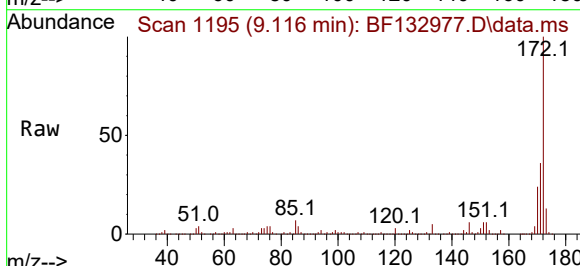
Tgt Ion:172 Resp: 2162754

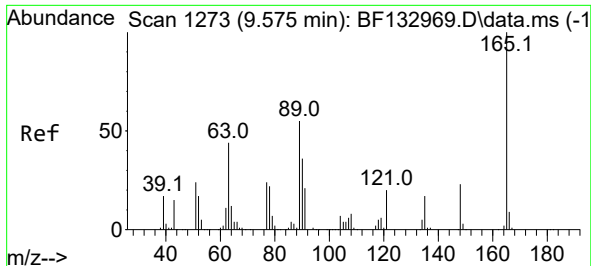
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.1 19.4 29.2

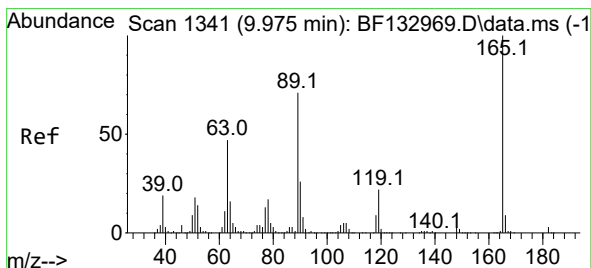
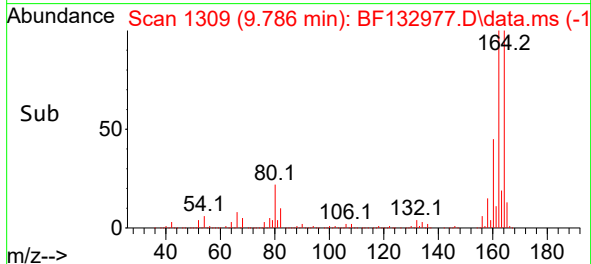
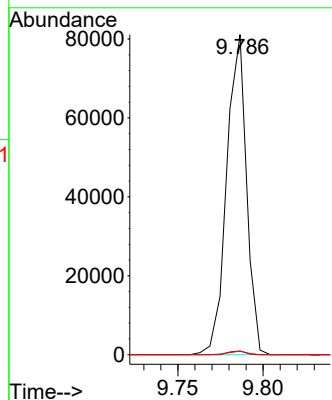
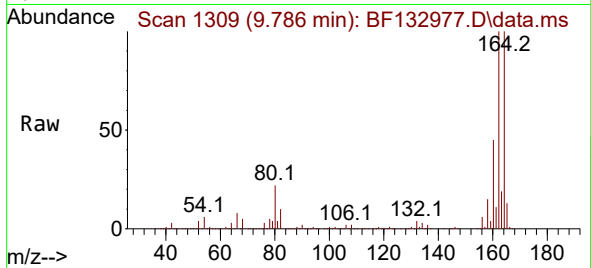




#51
2,6-Dinitrotoluene
Concen: 8.372 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

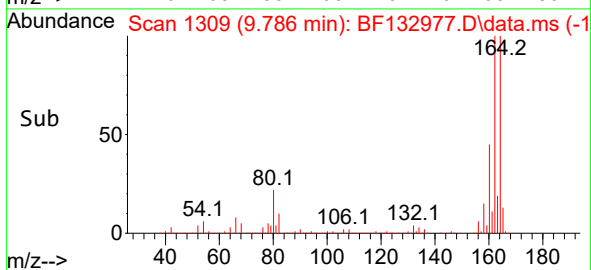
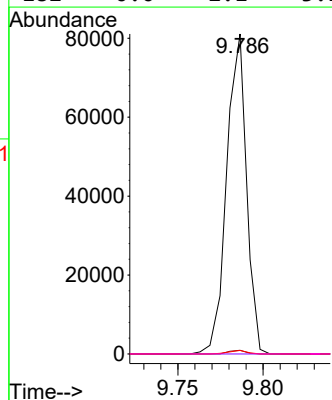
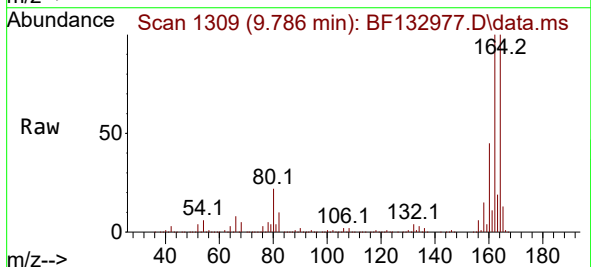
Instrument :
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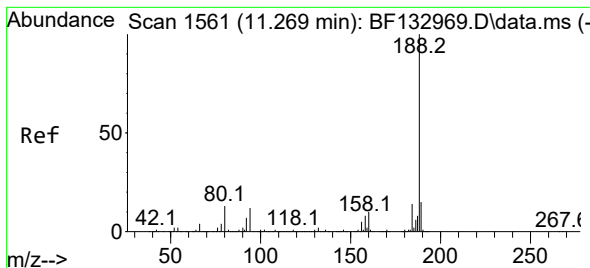
Tgt Ion:165 Resp: 65658
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.1 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.565 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.188 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

Tgt Ion:165 Resp: 65658
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#

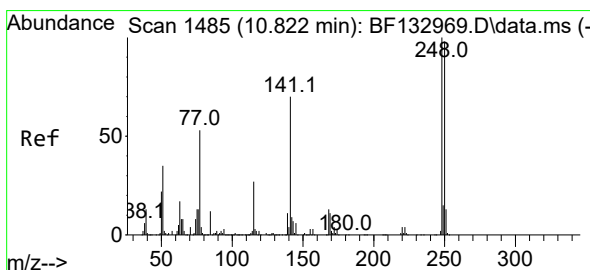
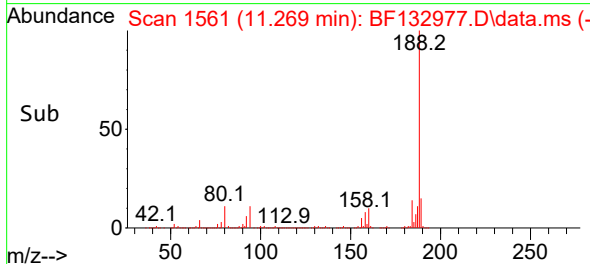
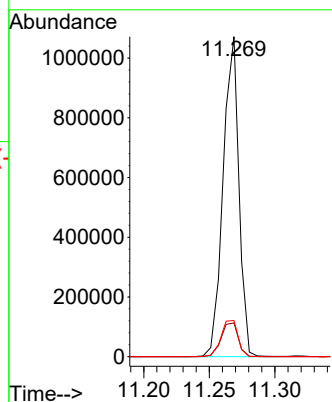
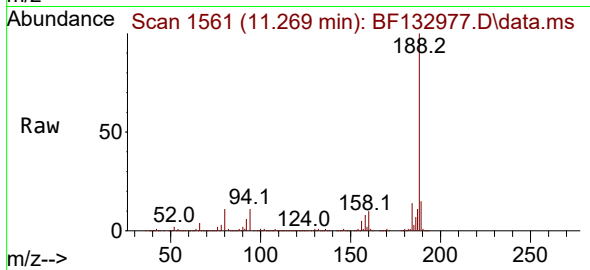




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

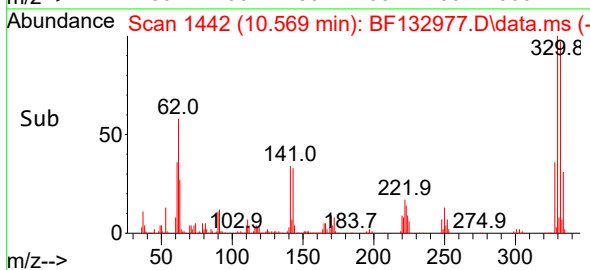
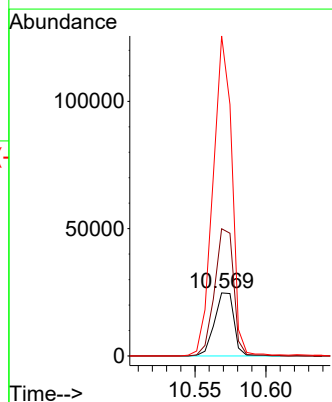
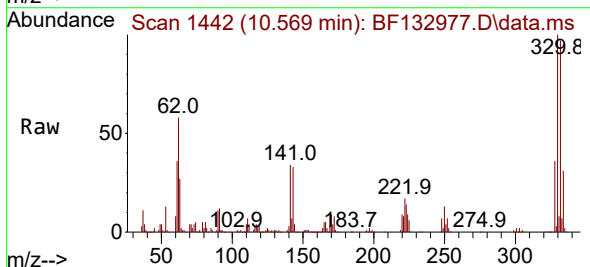
Instrument :
BNA_F
ClientSampleId :
PB152302BL

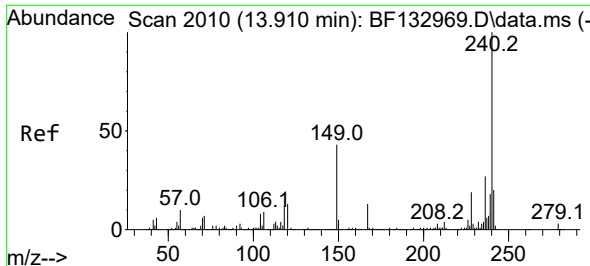
Tgt Ion:188 Resp: 895378
Ion Ratio Lower Upper
188 100
94 10.6 9.7 14.5
80 11.3 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 2.433 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.253 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

Tgt Ion:248 Resp: 23622
Ion Ratio Lower Upper
248 100
250 201.7 78.7 118.1#
141 507.7 56.3 84.5#

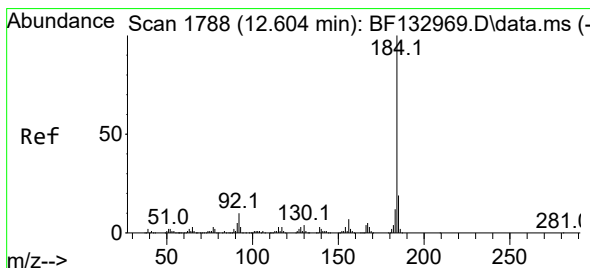
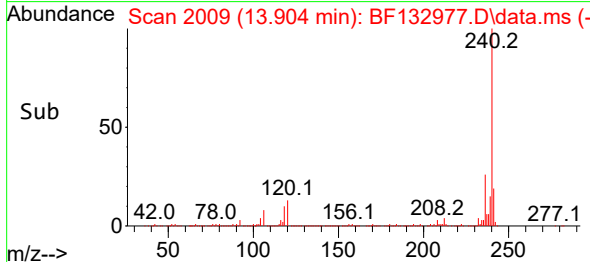
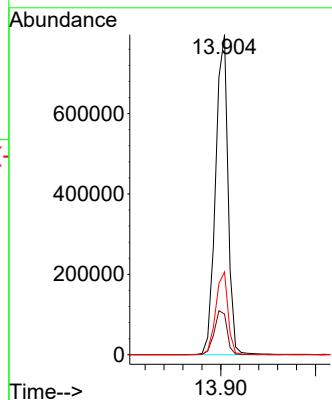
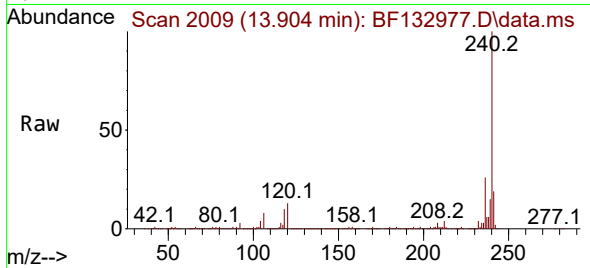




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.904 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

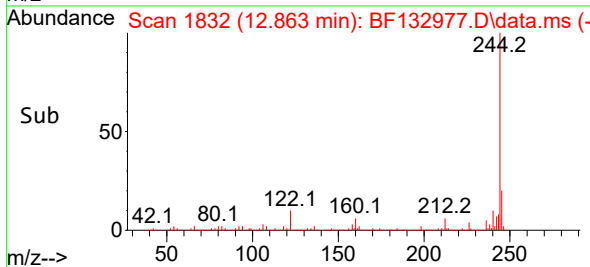
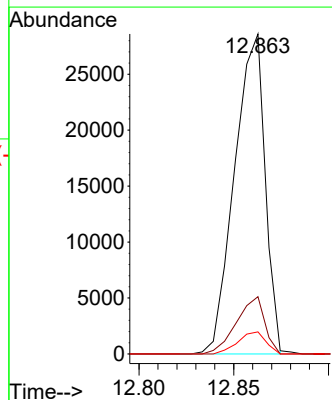
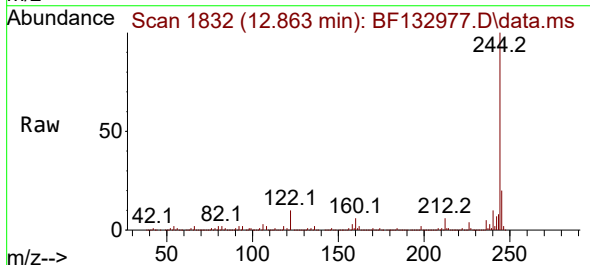
Instrument :
BNA_F
ClientSampleId :
PB152302BL

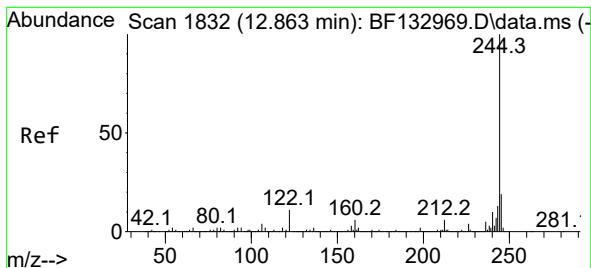
Tgt Ion:240 Resp: 722731
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 25.9 21.5 32.3



#77
Benzidine
Concen: 2.624 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.259 min
Lab File: BF132977.D
Acq: 21 Apr 2023 19:30

Tgt Ion:184 Resp: 32075
Ion Ratio Lower Upper
184 100
185 17.9 15.4 23.2
183 6.9 9.4 14.0#





#79

Terphenyl-d14

Concen: 63.979 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF132977.D

Acq: 21 Apr 2023 19:30

Instrument :

BNA_F

ClientSampleId :

PB152302BL

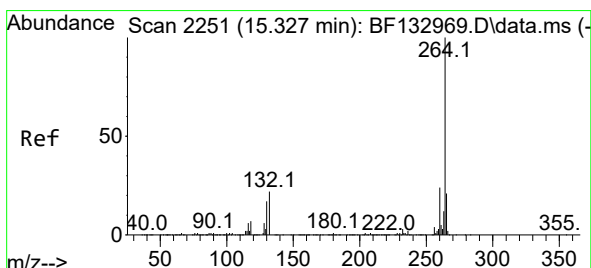
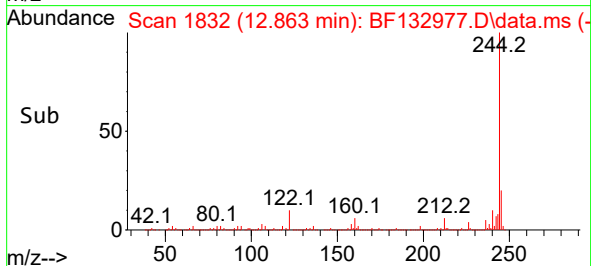
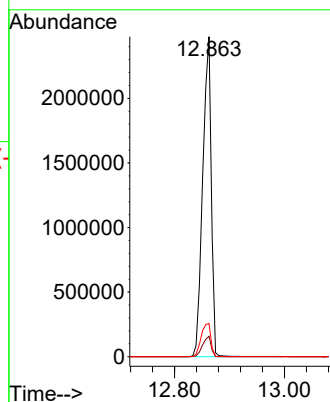
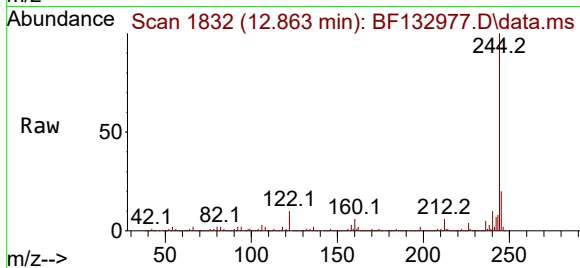
Tgt Ion:244 Resp: 2681091

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 10.3 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF132977.D

Acq: 21 Apr 2023 19:30

Tgt Ion:264 Resp: 663546

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.3 17.0 25.4

