

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
 Data File : BF132974.D
 Acq On : 21 Apr 2023 17:53
 Operator : CG\JU
 Sample : PB152259BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152259BL

Quant Time: Apr 22 04:28:51 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)

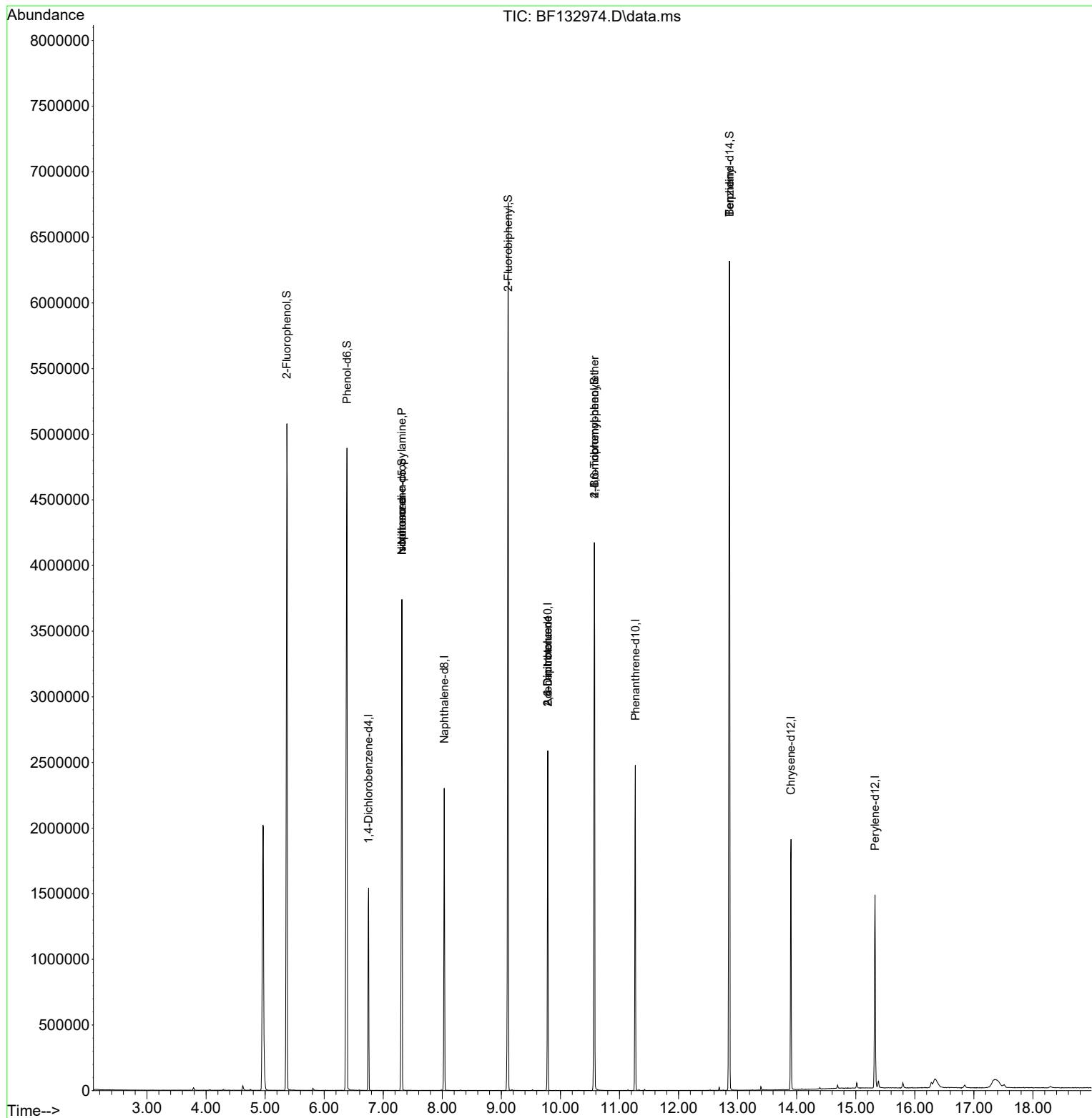
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	217000	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	870104	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	461674	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	844702	20.000	ng	0.00
76) Chrysene-d12	13.904	240	605281	20.000	ng	0.00
86) Perylene-d12	15.327	264	582263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1813321	126.231	ng	0.02
7) Phenol-d6	6.387	99	2199306	123.348	ng	0.00
23) Nitrobenzene-d5	7.316	82	1385774	85.966	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	615162	132.492	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	2216289	80.313	ng	0.00
79) Terphenyl-d14	12.863	244	2702387	77.001	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.292	77	195	Below Cal	#	83
19) n-Nitroso-di-n-propyla...	7.316	70	185059	16.672	ng	# 79
25) Isophorone	7.316	82	1381339	45.133	ng	# 63
51) 2,6-Dinitrotoluene	9.786	165	60078	8.292	ng	# 25
57) 2,4-Dinitrotoluene	9.786	165	60078	6.502	ng	# 23
67) 4-Bromophenyl-phenylether	10.575	248	36340	3.967	ng	# 1
77) Benizidine	12.863	184	32163	3.142	ng	# 91

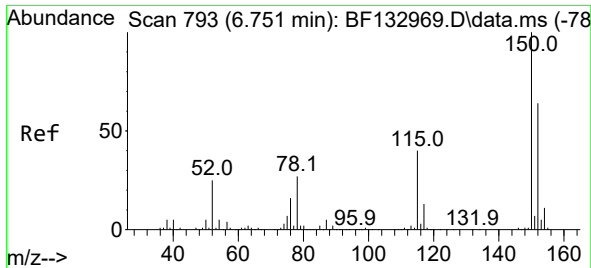
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
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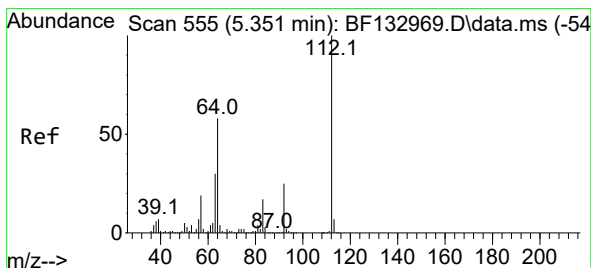
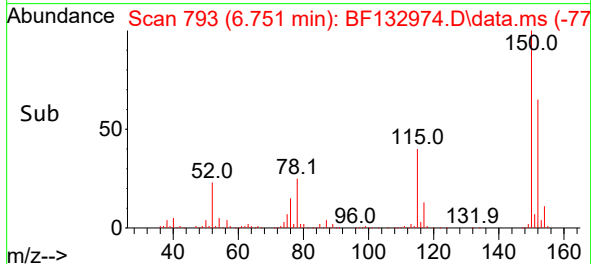
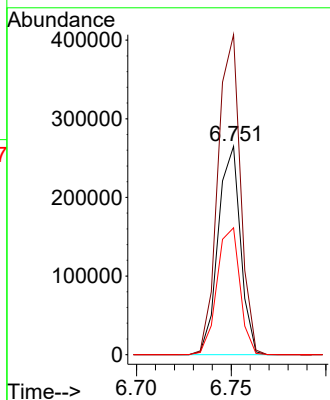
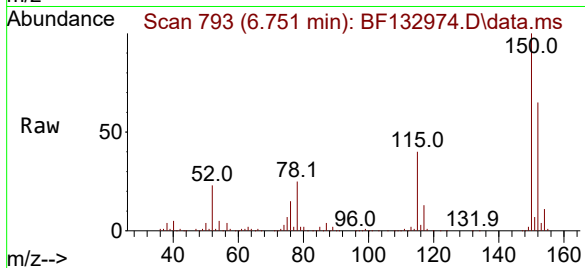




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

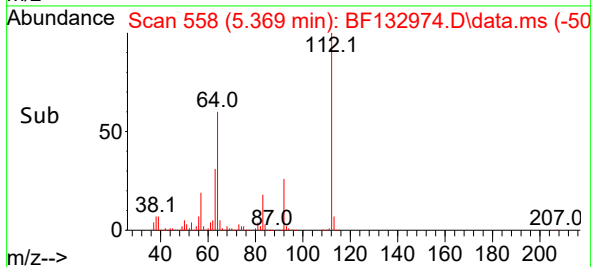
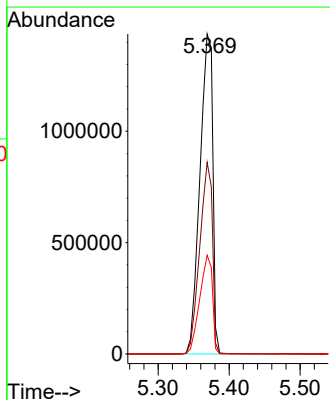
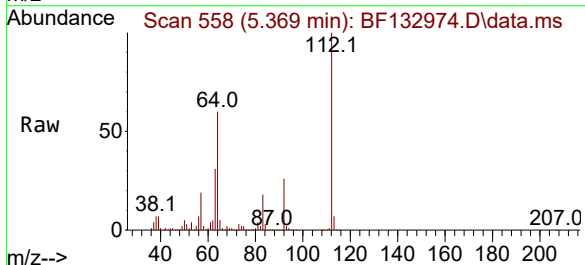
Instrument :
BNA_F
ClientSampleId :
PB152259BL

Tgt Ion:152 Resp: 217000
Ion Ratio Lower Upper
152 100
150 153.6 124.8 187.2
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 126.231 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.018 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

Tgt Ion:112 Resp: 1813321
Ion Ratio Lower Upper
112 100
64 59.8 46.8 70.2
63 30.9 23.8 35.8

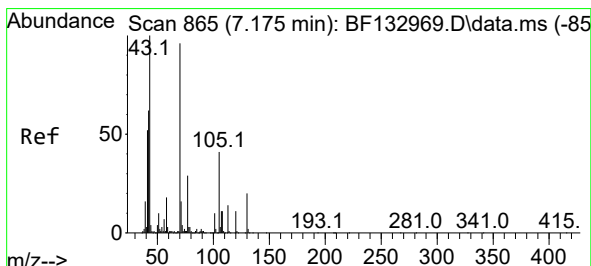
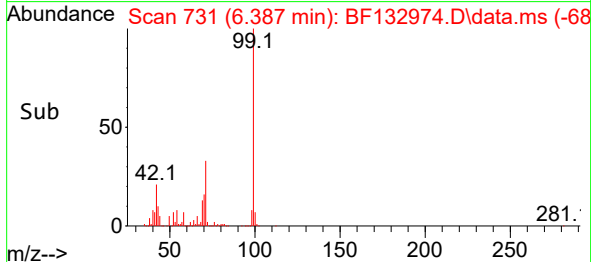
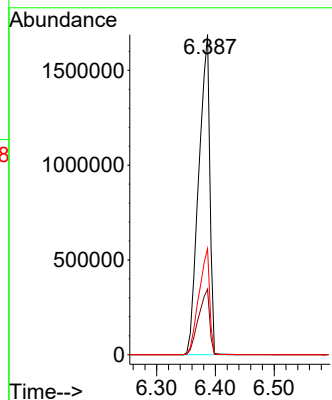
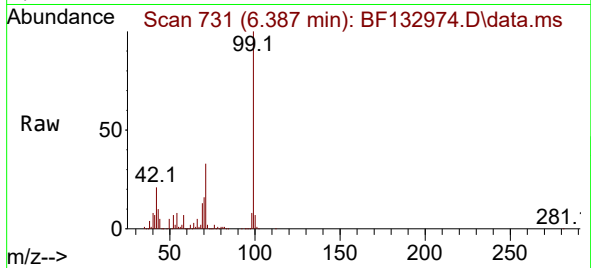




#7
Phenol-d6
Concen: 123.348 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

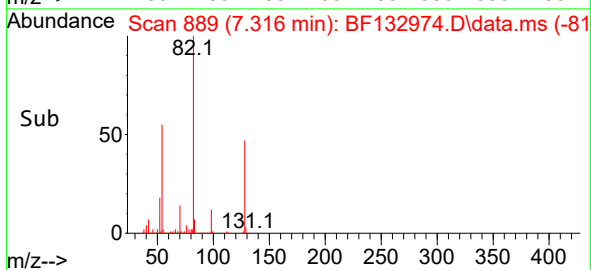
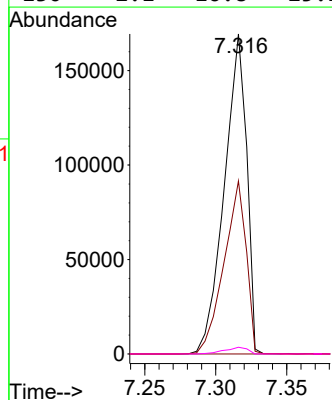
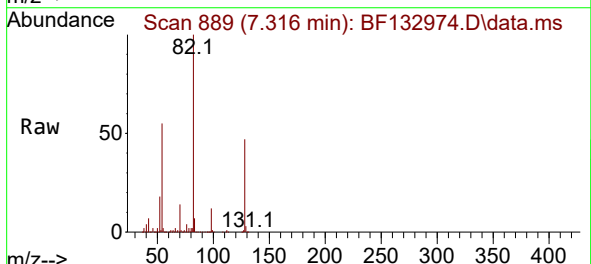
Instrument :
BNA_F
ClientSampleId :
PB152259BL

Tgt Ion: 99 Resp: 2199306
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 33.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.672 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

Tgt Ion: 70 Resp: 185059
Ion Ratio Lower Upper
70 100
42 54.1 51.8 77.6
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#



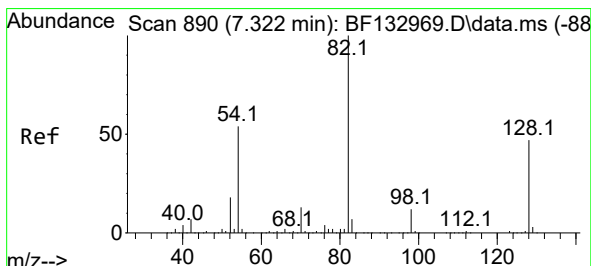
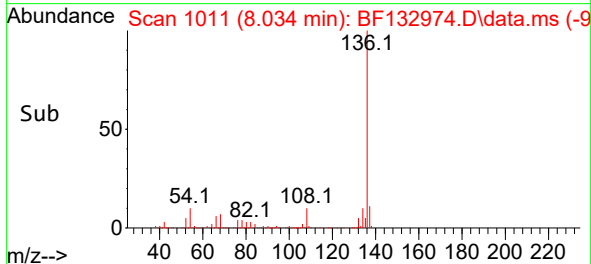
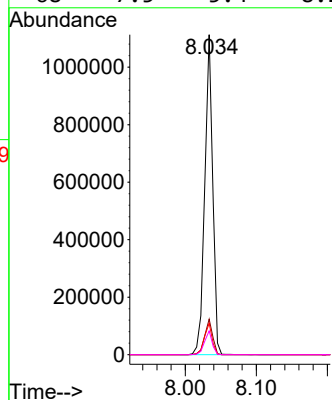
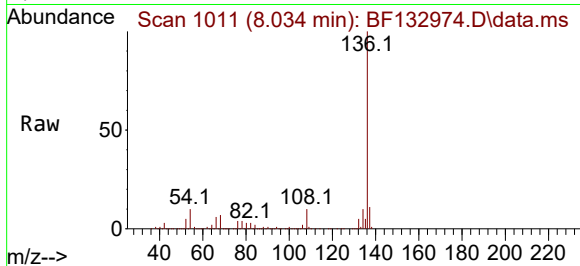


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

Instrument :
BNA_F
ClientSampleId :
PB152259BL

Tgt Ion:136 Resp: 870104

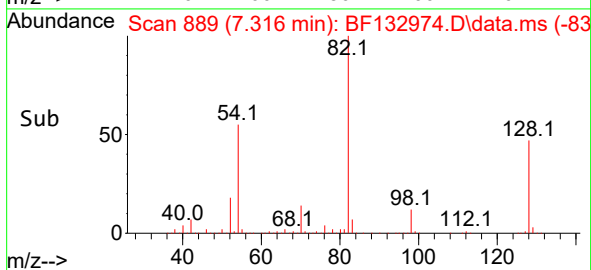
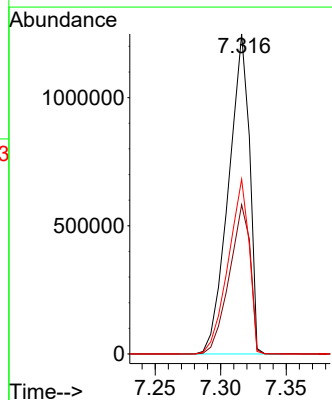
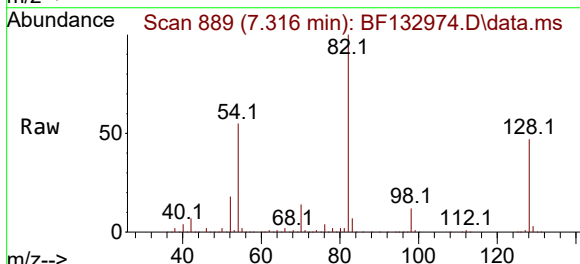
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.8	7.0	10.4
68	7.5	5.4	8.2

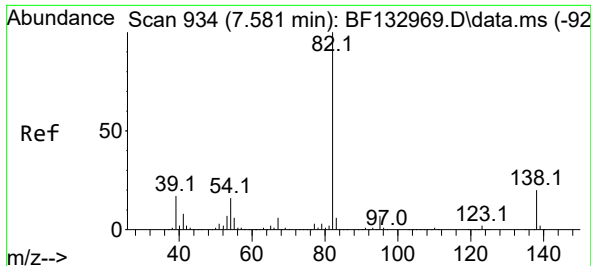


#23
Nitrobenzene-d5
Concen: 85.966 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

Tgt Ion: 82 Resp: 1385774

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.7	56.5
54	54.6	43.0	64.4

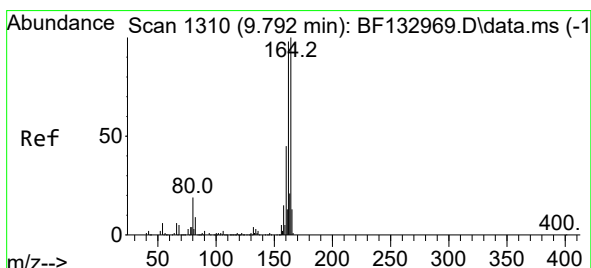
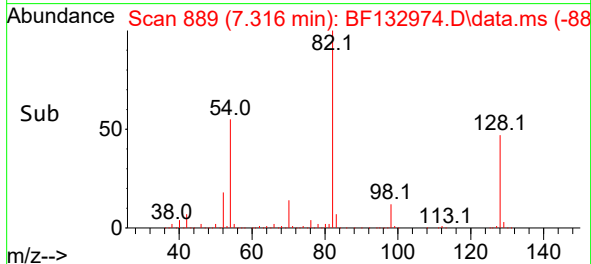
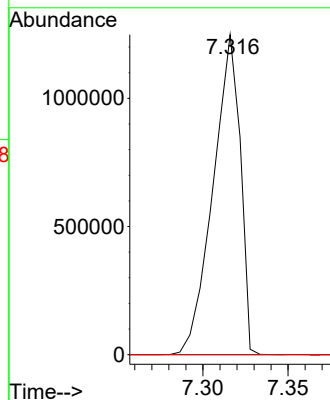
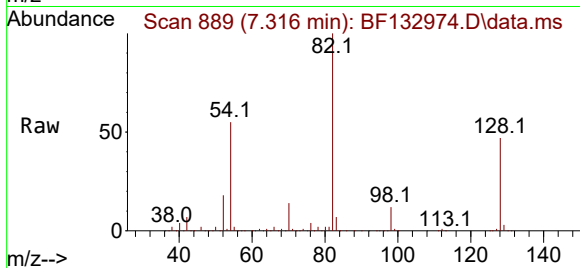




#25
Isophorone
Concen: 45.133 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

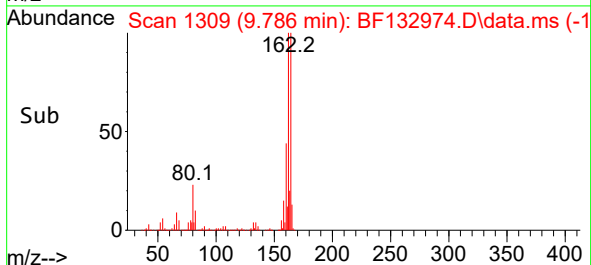
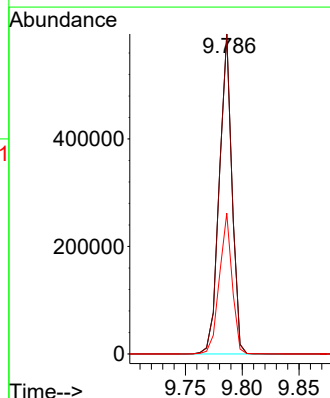
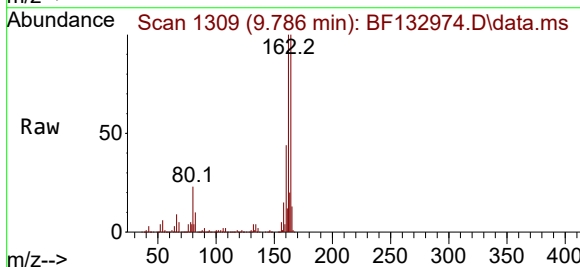
Instrument :
BNA_F
ClientSampleId :
PB152259BL

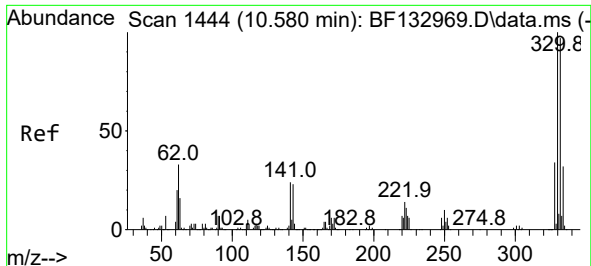
Tgt Ion: 82 Resp: 1381339
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

Tgt Ion:164 Resp: 461674
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 44.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 132.492 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF132974.D

Acq: 21 Apr 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB152259BL

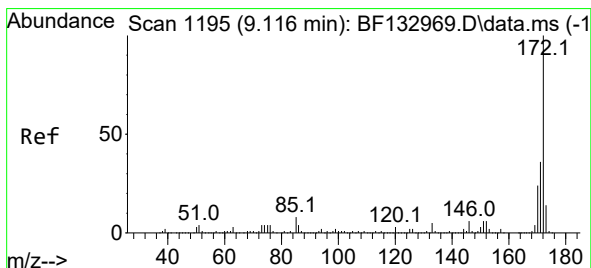
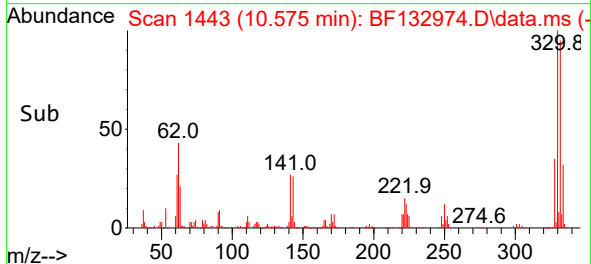
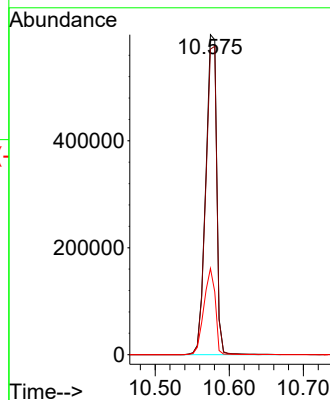
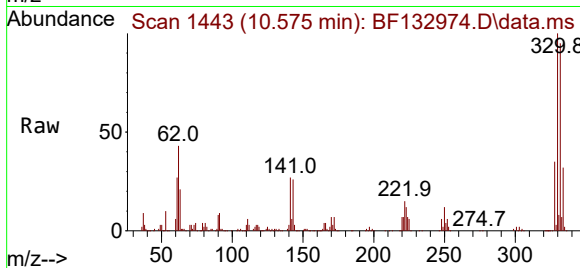
Tgt Ion:330 Resp: 615162

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 28.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 80.313 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF132974.D

Acq: 21 Apr 2023 17:53

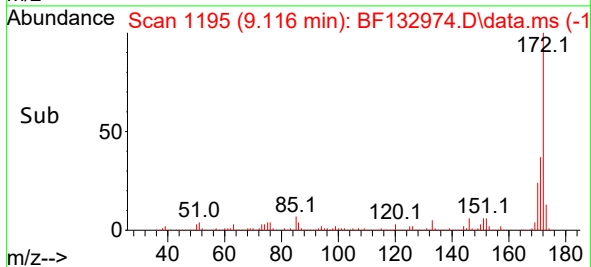
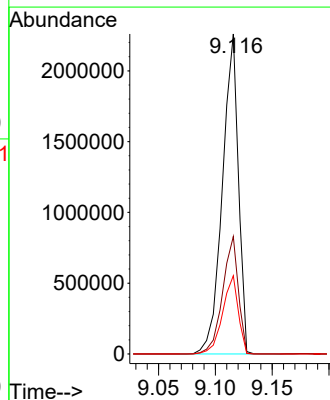
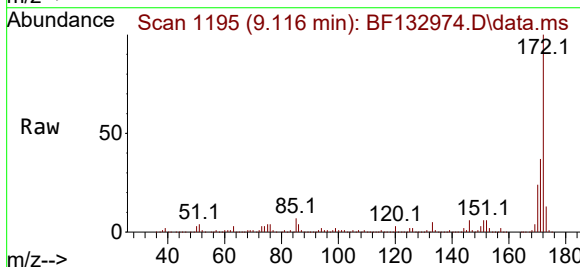
Tgt Ion:172 Resp: 2216289

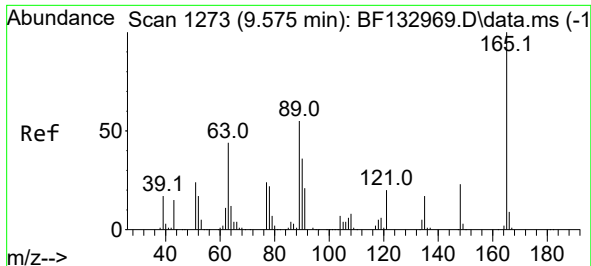
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.5 19.4 29.2

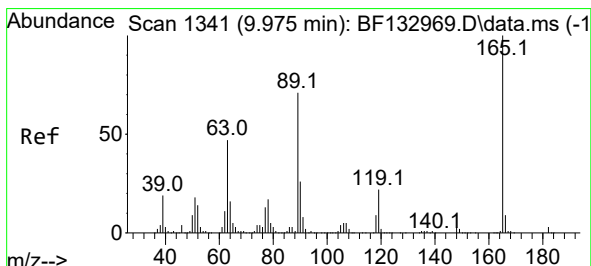
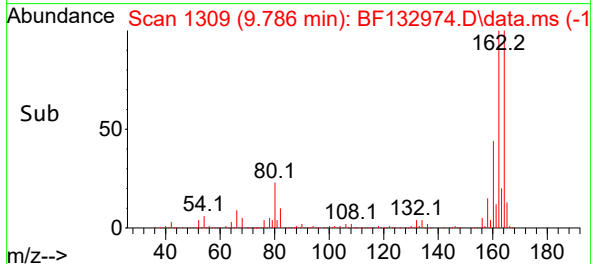
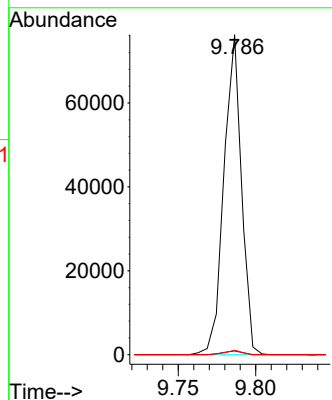
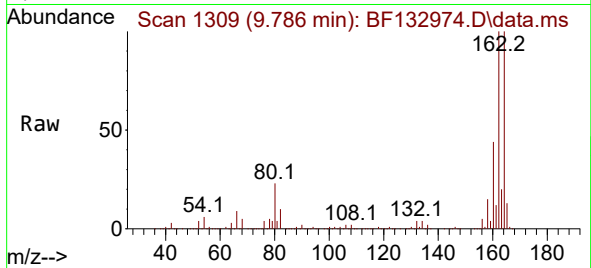




#51
2,6-Dinitrotoluene
Concen: 8.292 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

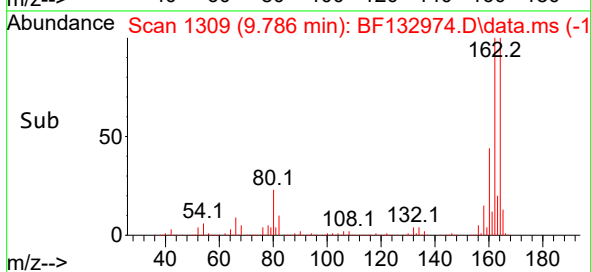
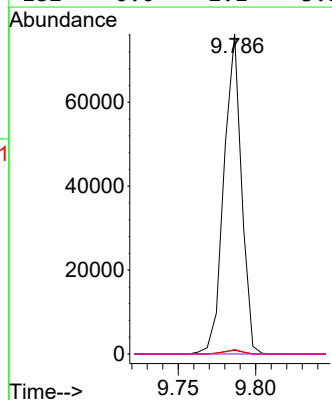
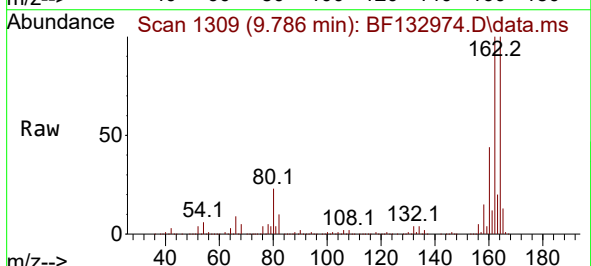
Instrument :
BNA_F
ClientSampleId :
PB152259BL

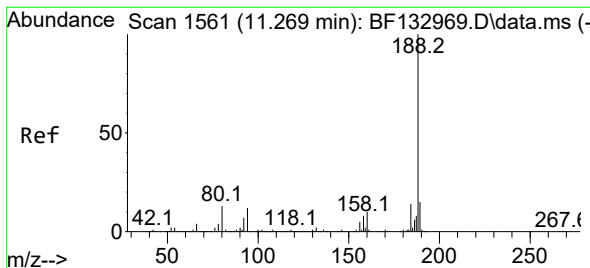
Tgt Ion:165 Resp: 60078
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.4 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.502 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.188 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

Tgt Ion:165 Resp: 60078
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.4 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: BF132974.D

Acq: 21 Apr 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB152259BL

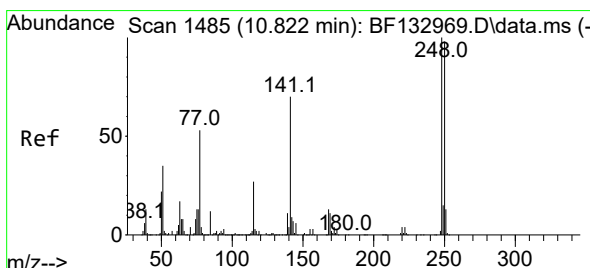
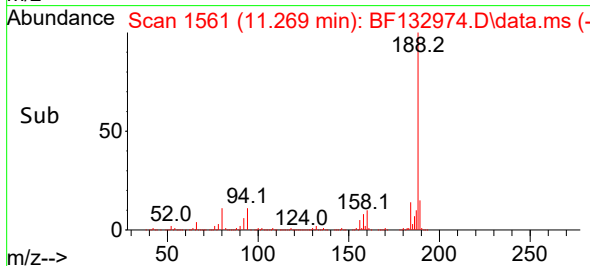
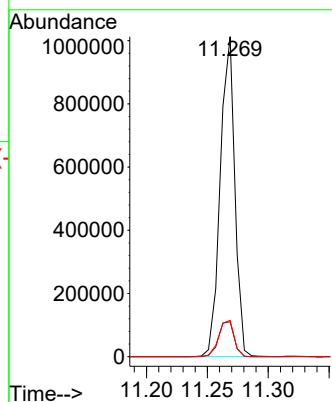
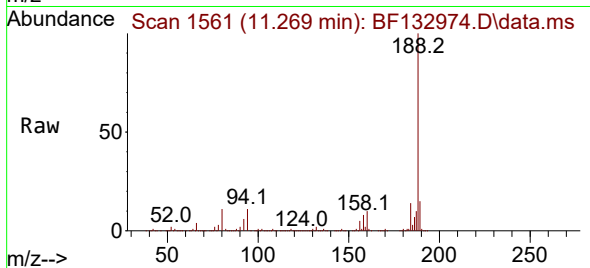
Tgt Ion:188 Resp: 844702

Ion Ratio Lower Upper

188 100

94 10.9 9.7 14.5

80 11.3 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.967 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF132974.D

Acq: 21 Apr 2023 17:53

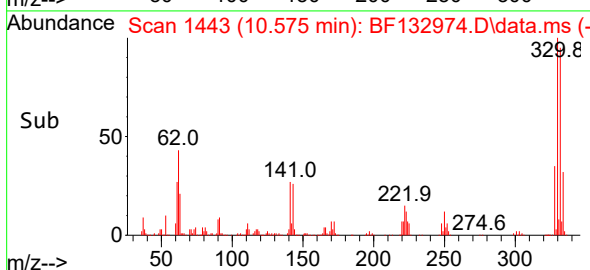
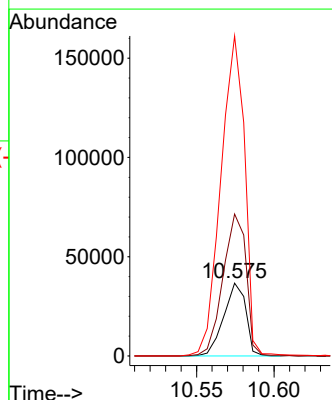
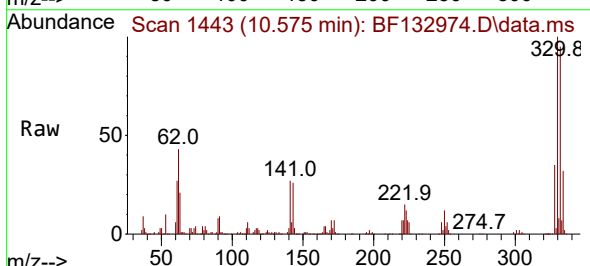
Tgt Ion:248 Resp: 36340

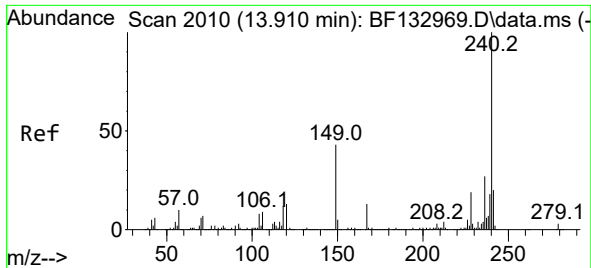
Ion Ratio Lower Upper

248 100

250 195.0 78.7 118.1#

141 439.7 56.3 84.5#

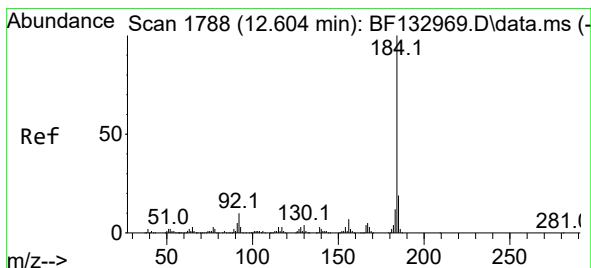
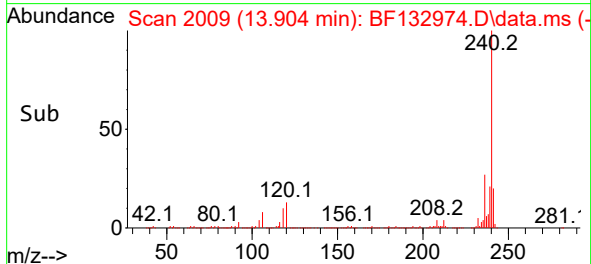
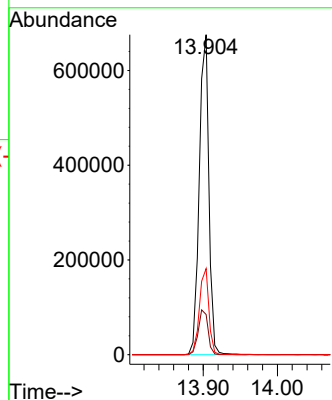
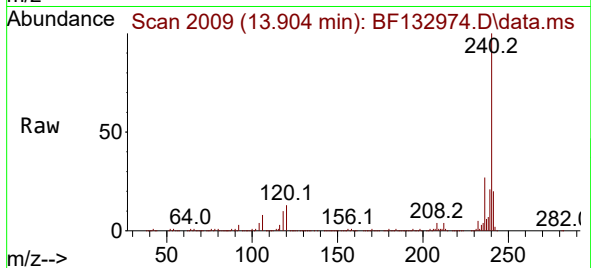




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.904 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

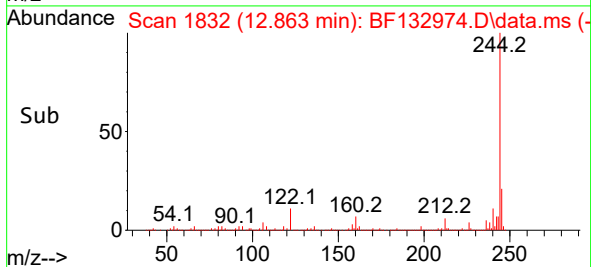
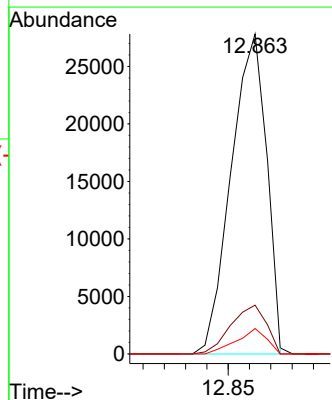
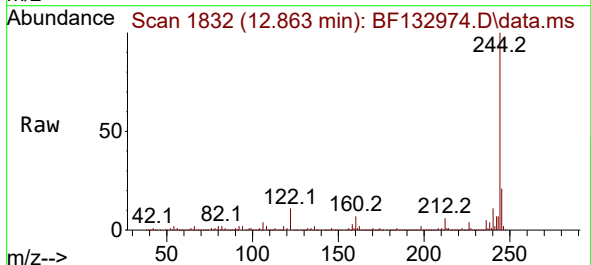
Instrument :
BNA_F
ClientSampleId :
PB152259BL

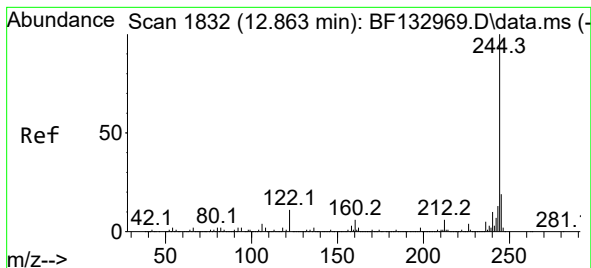
Tgt Ion:240 Resp: 605281
Ion Ratio Lower Upper
240 100
120 12.5 10.5 15.7
236 26.9 21.5 32.3



#77
Benzidine
Concen: 3.142 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.259 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

Tgt Ion:184 Resp: 32163
Ion Ratio Lower Upper
184 100
185 15.2 15.4 23.2#
183 8.0 9.4 14.0#





#79

Terphenyl-d14

Concen: 77.001 ng

RT: 12.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132974.D

Acq: 21 Apr 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB152259BL

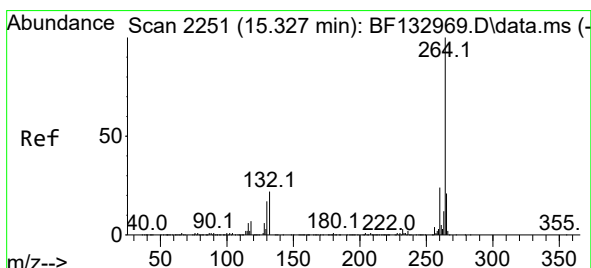
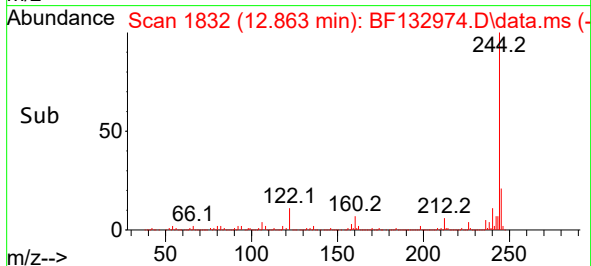
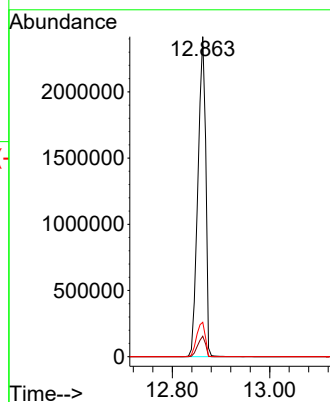
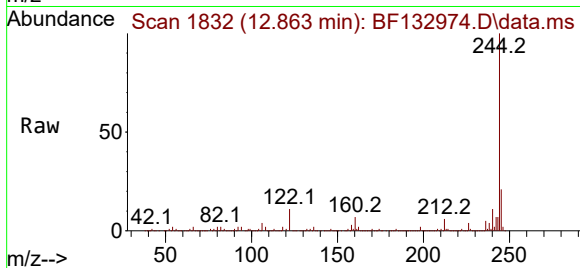
Tgt Ion:244 Resp: 2702387

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 10.7 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: BF132974.D

Acq: 21 Apr 2023 17:53

Tgt Ion:264 Resp: 582263

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.3 17.0 25.4

