

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136532.D
 Acq On : 13 Dec 2023 11:54
 Operator : CG\JU
 Sample : PB157609BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157507BL

Quant Time: Dec 13 12:14:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

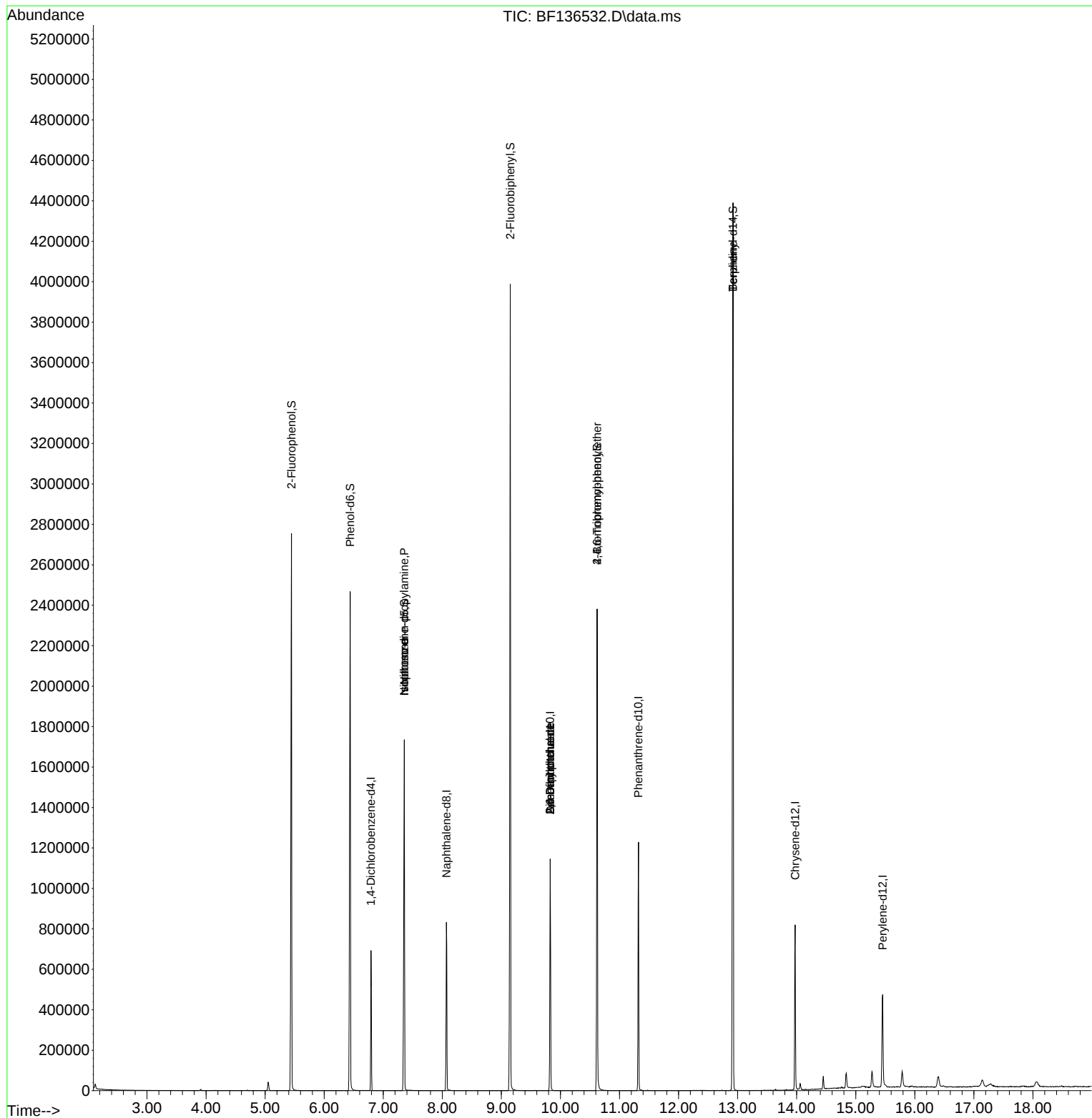
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	99714	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	409052	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	222616	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	438328	20.000	ng	0.00
76) Chrysene-d12	13.974	240	285742	20.000	ng	0.00
86) Perylene-d12	15.456	264	239442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	796309	117.938	ng	0.01
7) Phenol-d6	6.439	99	983430	116.741	ng	0.00
23) Nitrobenzene-d5	7.357	82	597167	78.922	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	321481	117.121	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1293381	79.276	ng	-0.01
79) Terphenyl-d14	12.921	244	1627564	75.075	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.439	77	1421	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	77070	15.860	ng	# 74
25) Isophorone	7.357	82	597158	43.928	ng	# 65
50) Dimethylphthalate	9.827	163	44171	2.695	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	28125	7.628	ng	# 29
57) 2,4-Dinitrotoluene	9.827	165	28125	5.766	ng	# 28
67) 4-Bromophenyl-phenylether	10.621	248	19769	3.879	ng	# 1
77) Benzidine	12.921	184	18395	3.047	ng	# 90

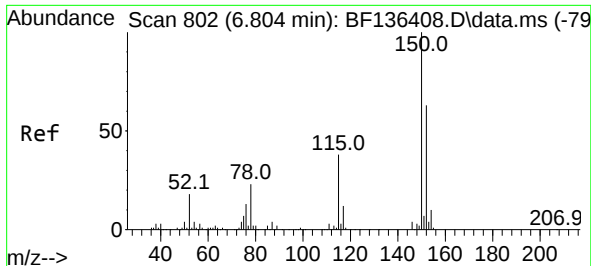
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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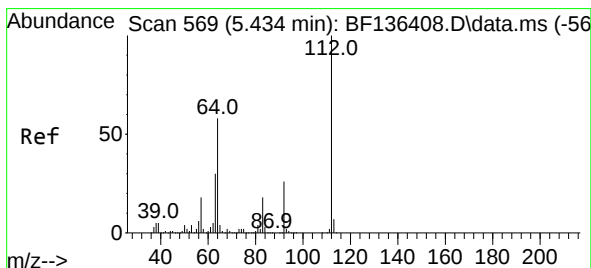
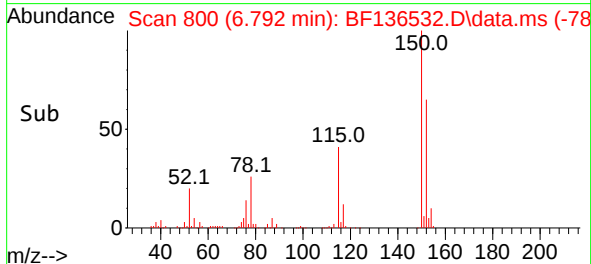
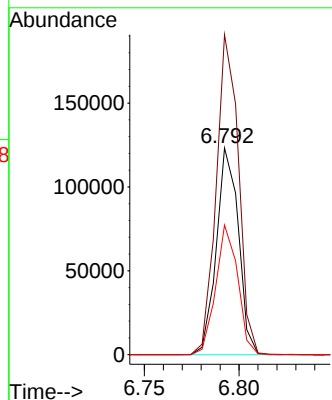
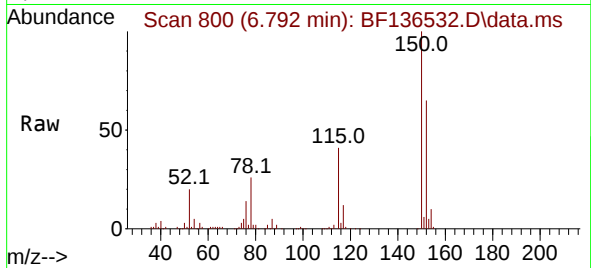




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

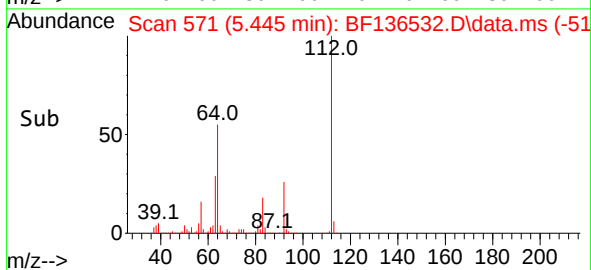
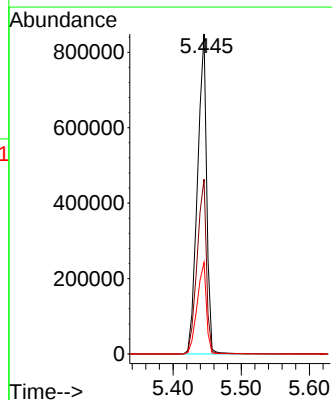
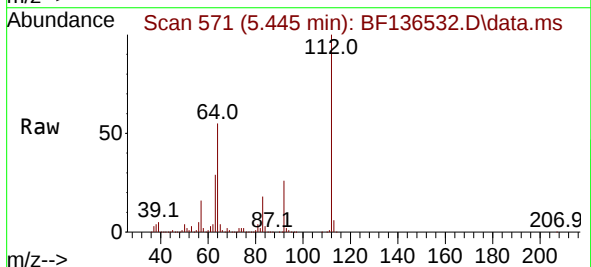
Instrument :
BNA_F
ClientSampleId :
PB157507BL

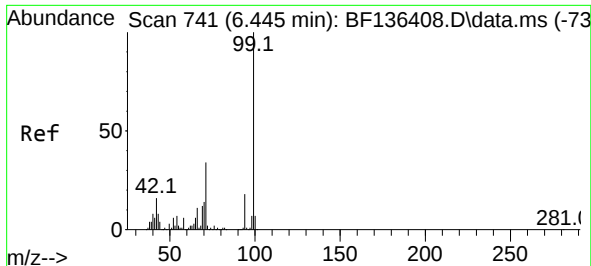
Tgt Ion:152 Resp: 99714
Ion Ratio Lower Upper
152 100
150 154.7 126.4 189.6
115 62.7 48.2 72.4



#5
2-Fluorophenol
Concen: 117.938 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

Tgt Ion:112 Resp: 796309
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 28.5 23.9 35.9

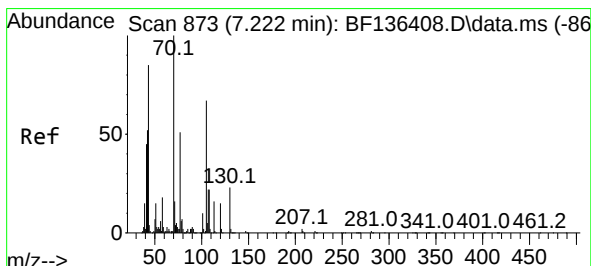
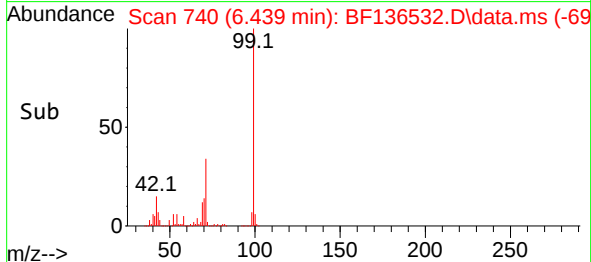
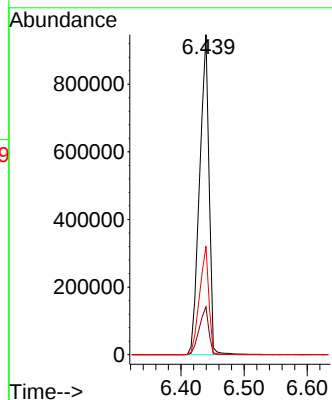
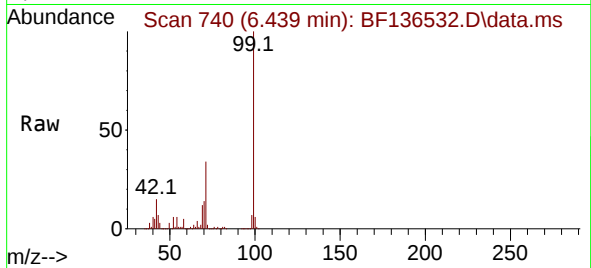




#7
Phenol-d6
Concen: 116.741 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

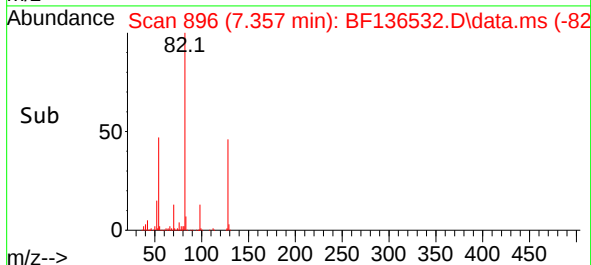
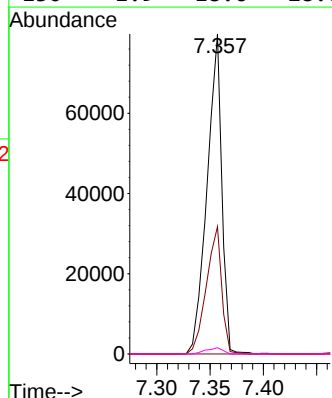
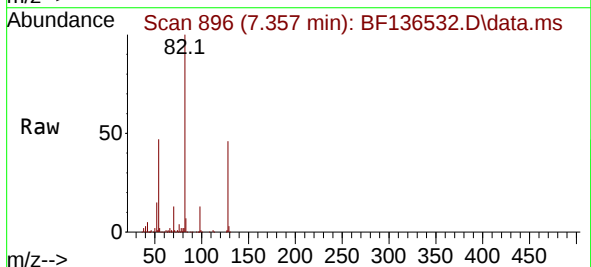
Instrument :
BNA_F
ClientSampleId :
PB157507BL

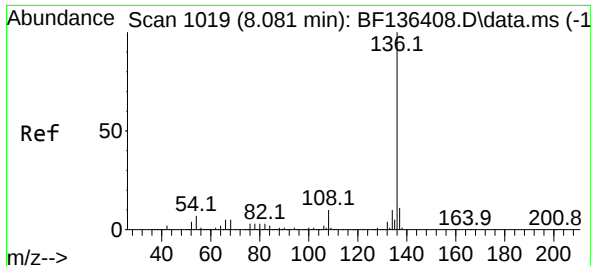
Tgt Ion: 99 Resp: 983430
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 33.9 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.860 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

Tgt Ion: 70 Resp: 77070
Ion Ratio Lower Upper
70 100
42 39.8 41.4 62.0#
101 0.0 8.2 12.4#
130 1.9 18.6 28.0#



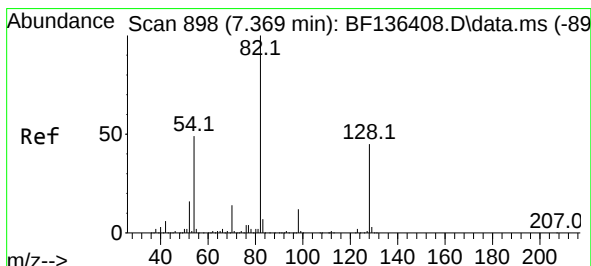
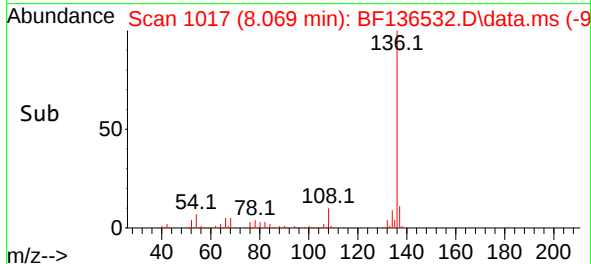
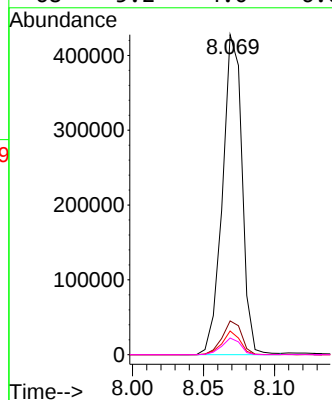
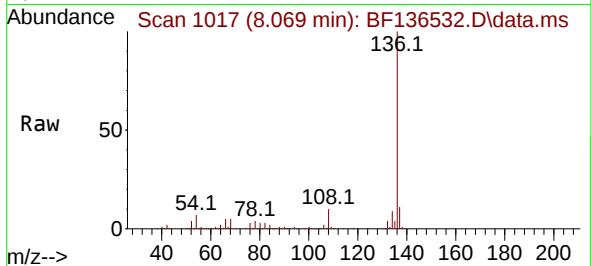


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

Instrument :
BNA_F
ClientSampleId :
PB157507BL

Tgt Ion:136 Resp: 409052

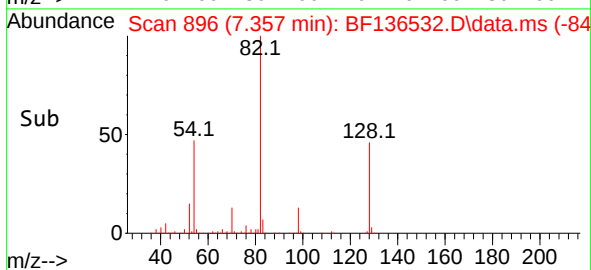
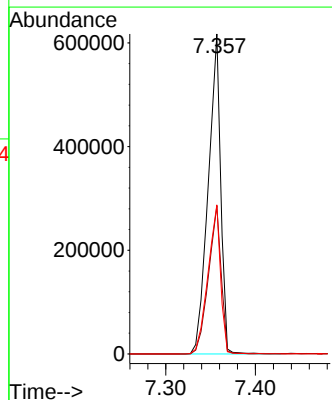
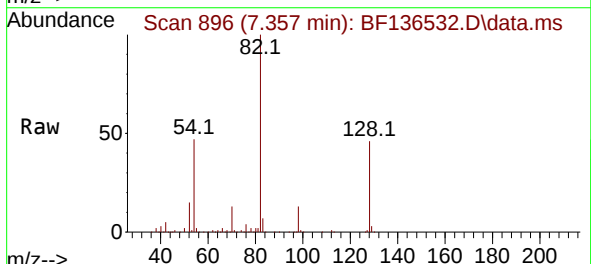
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	7.4	5.7	8.5
68	5.2	4.0	6.0

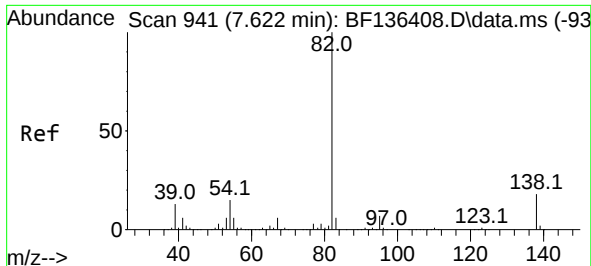


#23
Nitrobenzene-d5
Concen: 78.922 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

Tgt Ion: 82 Resp: 597167

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	46.6	39.0	58.6

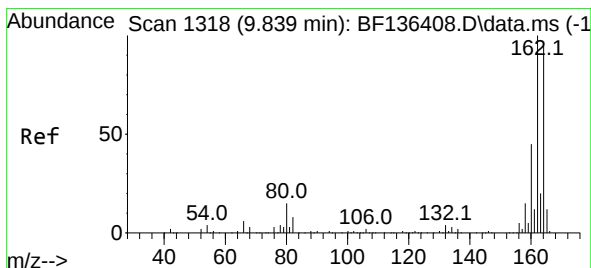
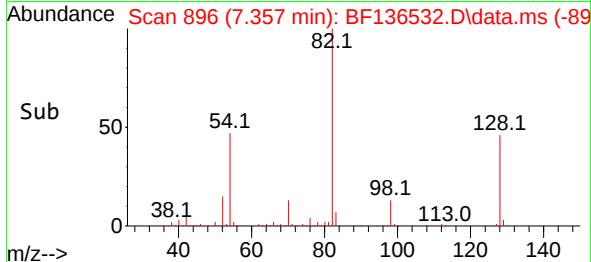
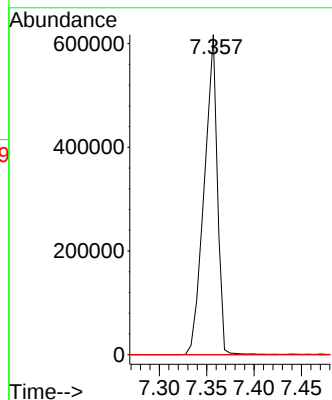
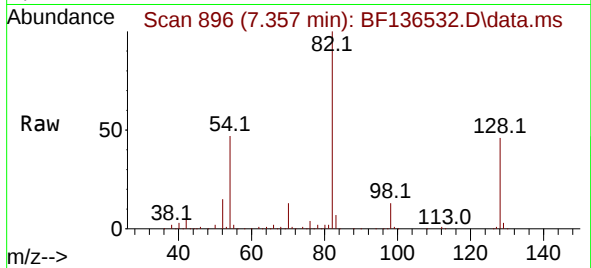




#25
Isophorone
Concen: 43.928 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

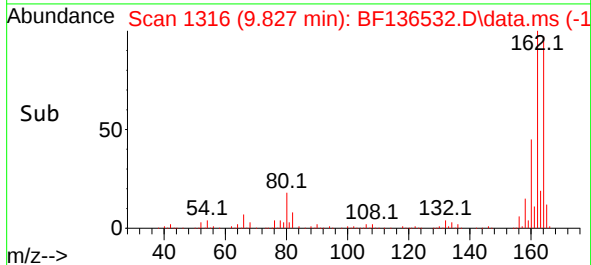
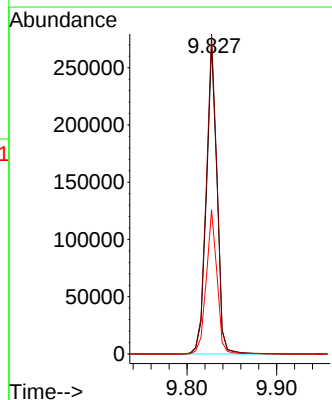
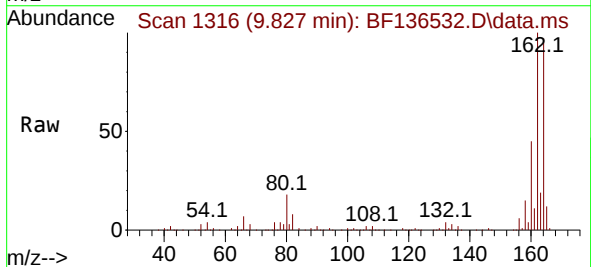
Instrument :
BNA_F
ClientSampleId :
PB157507BL

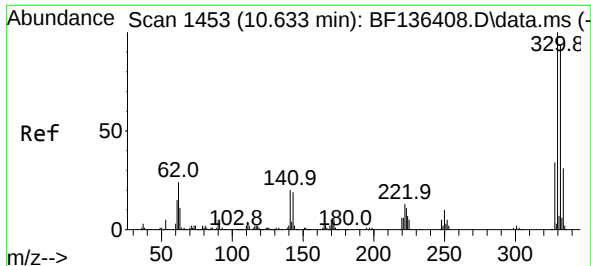
Tgt Ion: 82 Resp: 597158
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

Tgt Ion:164 Resp: 222616
Ion Ratio Lower Upper
164 100
162 103.5 84.4 126.6
160 46.6 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 117.121 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136532.D

Acq: 13 Dec 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB157507BL

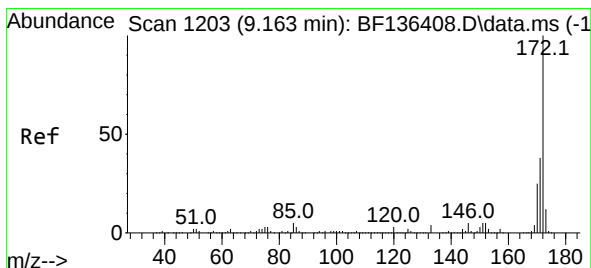
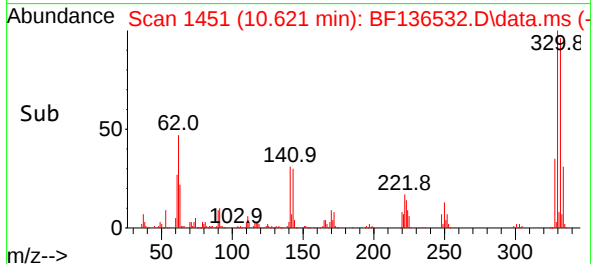
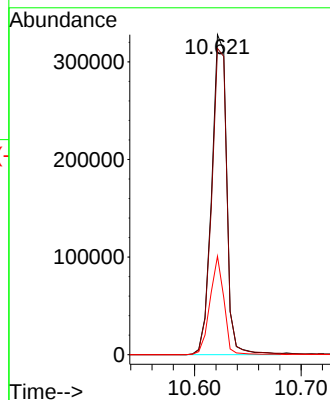
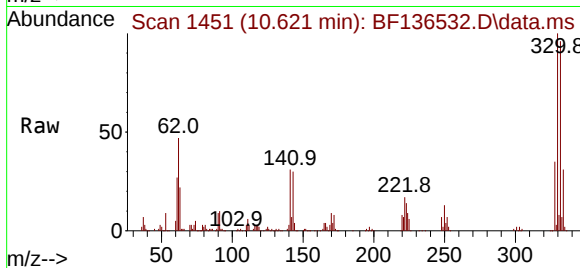
Tgt Ion:330 Resp: 321481

Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

141 28.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 79.276 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136532.D

Acq: 13 Dec 2023 11:54

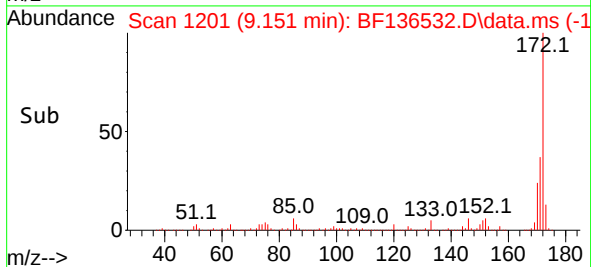
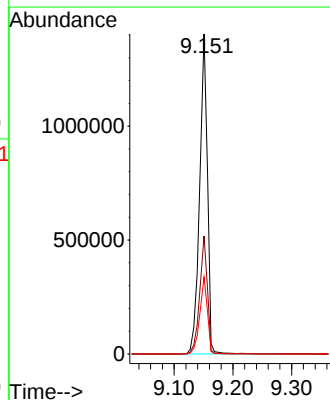
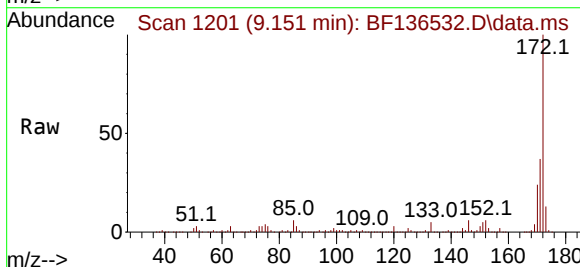
Tgt Ion:172 Resp: 1293381

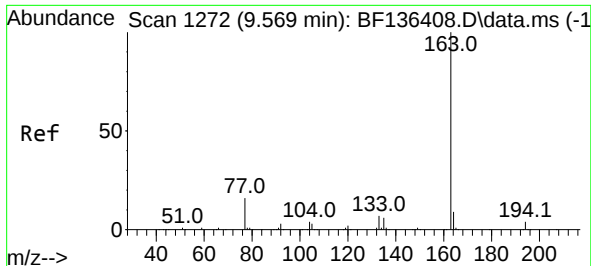
Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

170 24.0 19.9 29.9

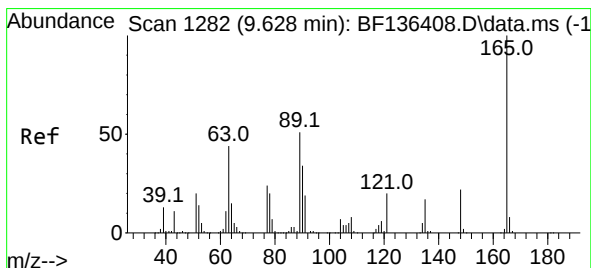
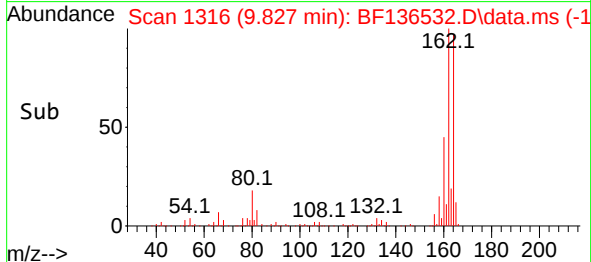
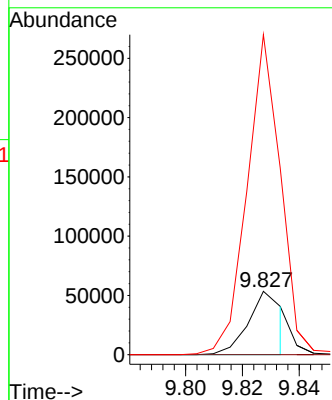
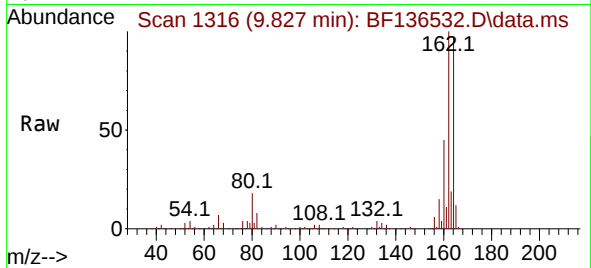




#50
Dimethylphthalate
Concen: 2.695 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

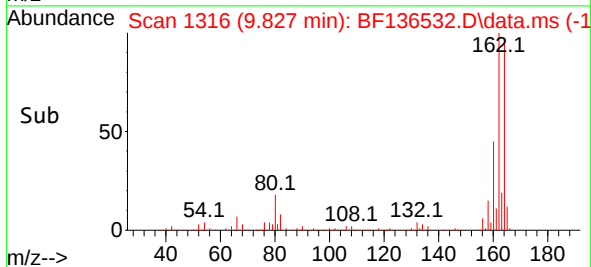
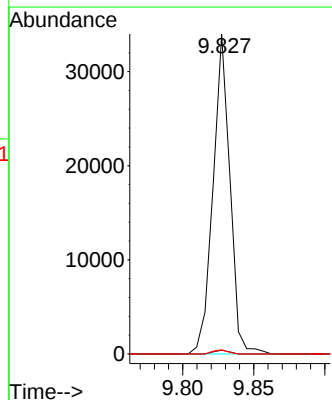
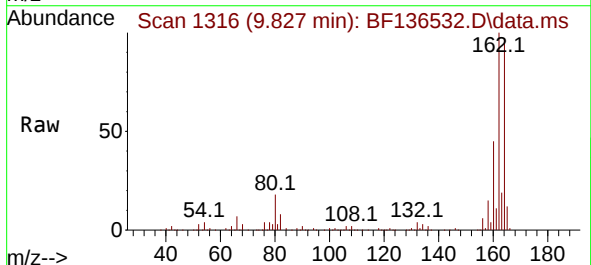
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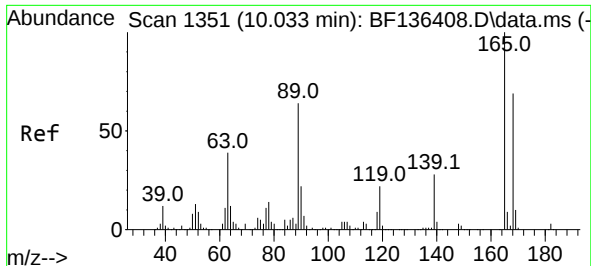
Tgt Ion:163 Resp: 44171
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 505.3 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.628 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

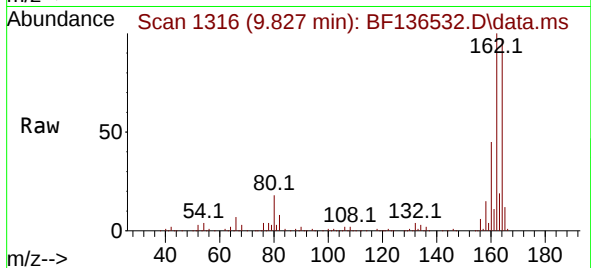
Tgt Ion:165 Resp: 28125
Ion Ratio Lower Upper
165 100
63 1.2 40.4 60.6#
89 1.3 40.6 60.8#



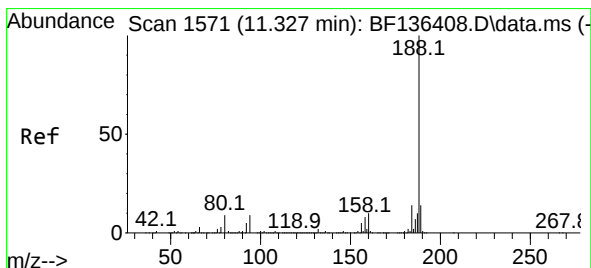
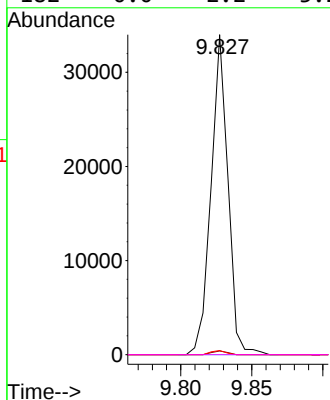
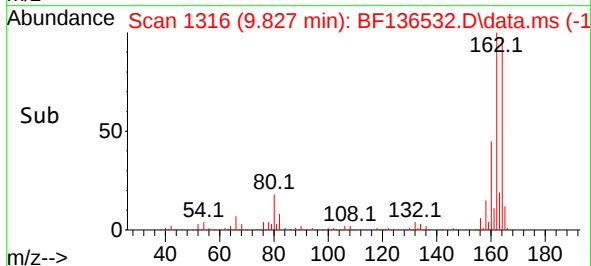


#57
2,4-Dinitrotoluene
Concen: 5.766 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

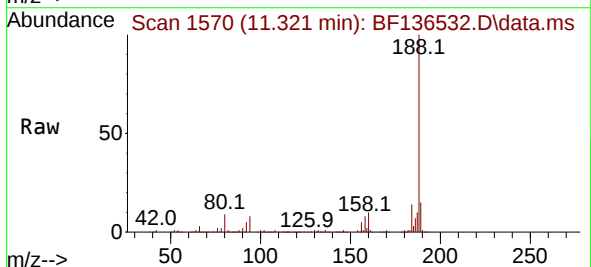
Instrument :
BNA_F
ClientSampleId :
PB157507BL



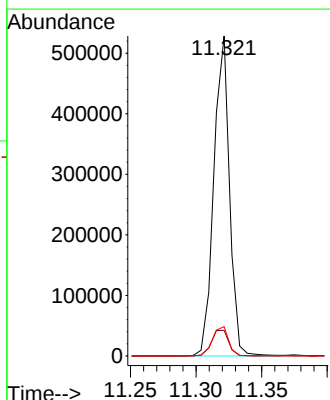
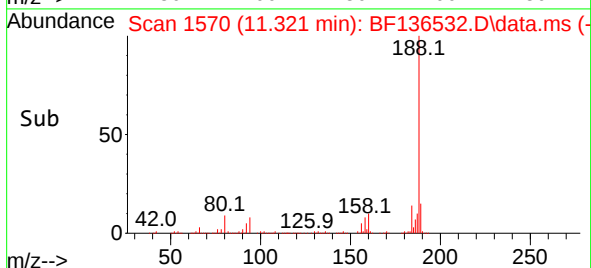
Tgt Ion:165 Resp: 28125
Ion Ratio Lower Upper
165 100
63 1.2 31.4 47.2#
89 1.3 51.7 77.5#
182 0.0 2.2 3.2#

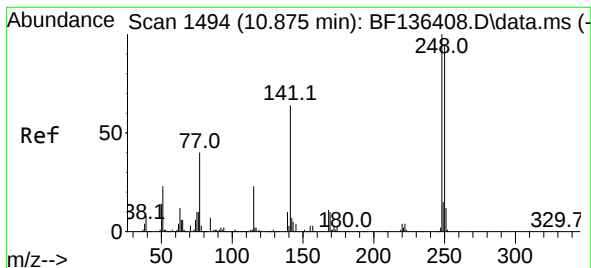


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54



Tgt Ion:188 Resp: 438328
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.2 7.2 10.8

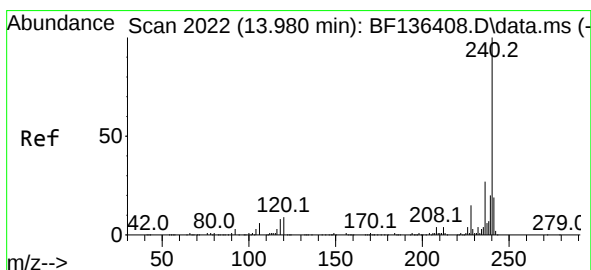
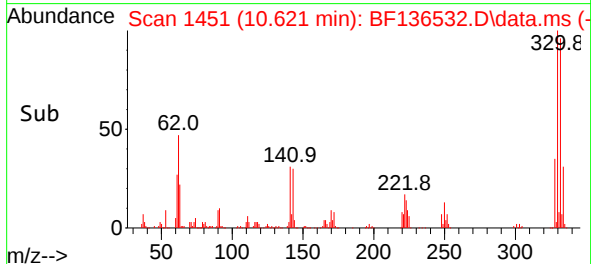
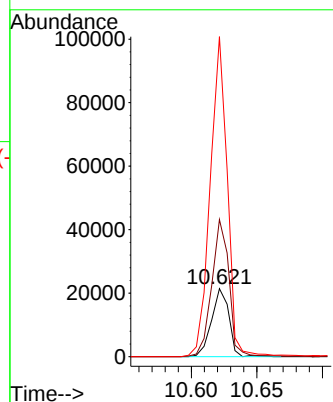
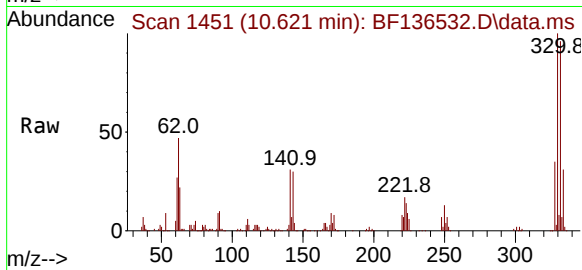




#67
4-Bromophenyl-phenylether
Concen: 3.879 ng
RT: 10.621 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

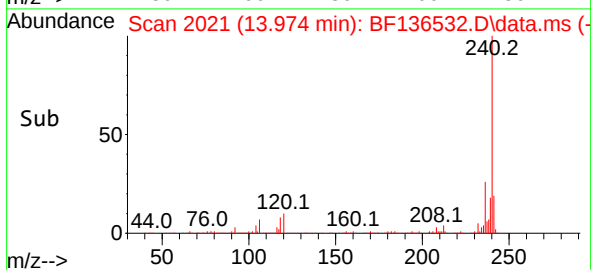
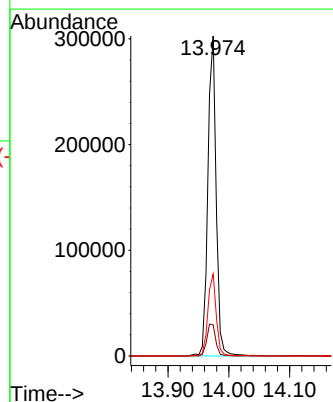
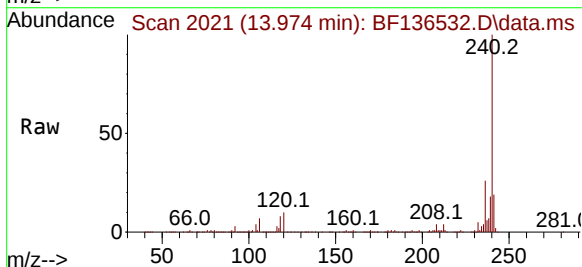
Instrument :
BNA_F
ClientSampleId :
PB157507BL

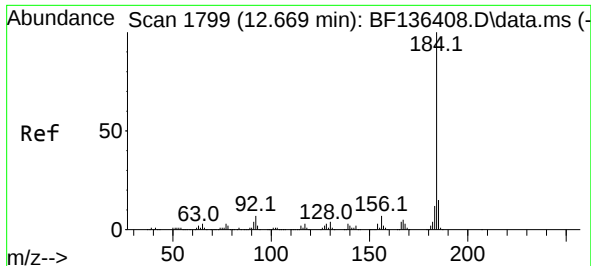
Tgt Ion:248 Resp: 19769
Ion Ratio Lower Upper
248 100
250 201.8 76.2 114.2#
141 470.6 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

Tgt Ion:240 Resp: 285742
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 25.6 21.3 31.9

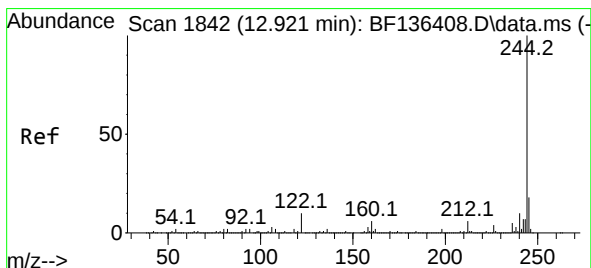
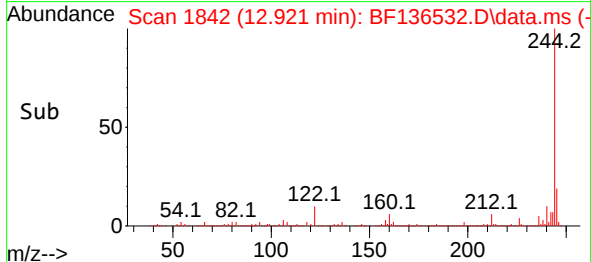
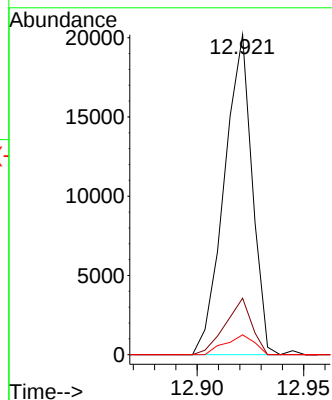
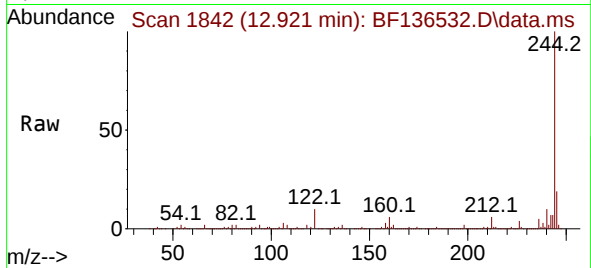




#77
Benzidine
Concen: 3.047 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.252 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

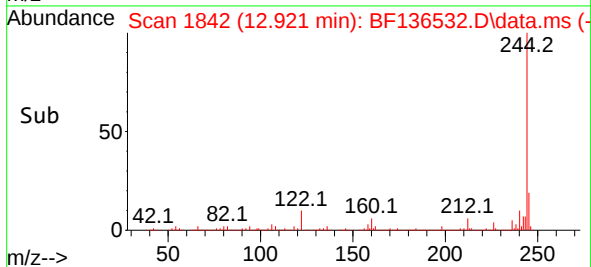
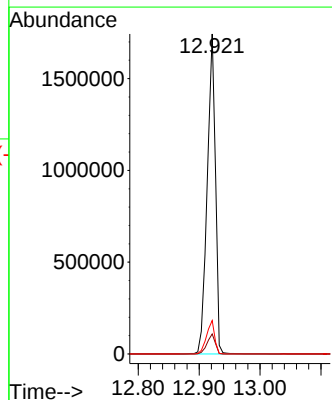
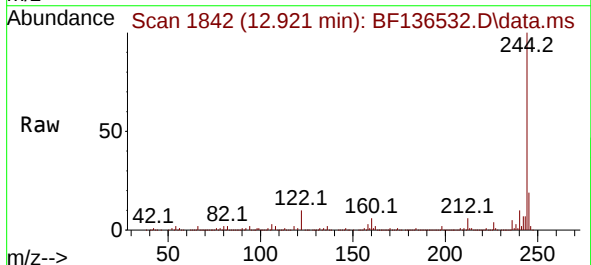
Instrument :
BNA_F
ClientSampleId :
PB157507BL

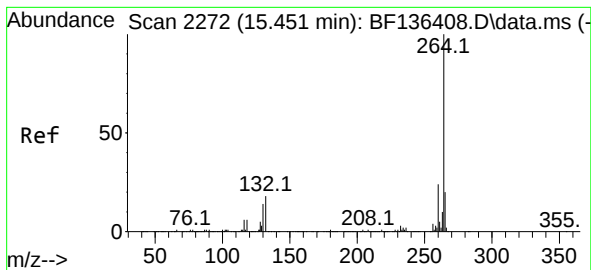
Tgt Ion:184 Resp: 18395
Ion Ratio Lower Upper
184 100
185 17.6 12.0 18.0
183 6.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 75.075 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

Tgt Ion:244 Resp: 1627564
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.5 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136532.D

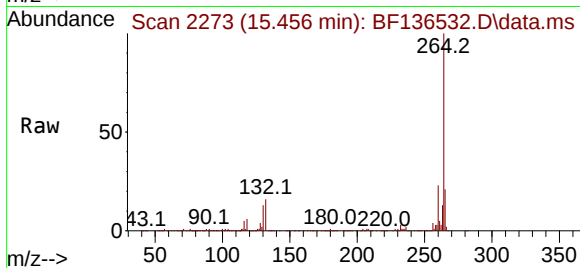
Acq: 13 Dec 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB157507BL



Tgt Ion:264 Resp: 239442

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.0 15.9 23.9

