

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136467.D
 Acq On : 08 Dec 2023 15:01
 Operator : CG\JU
 Sample : PB157576TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157576TB

Quant Time: Dec 08 15:19:25 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)

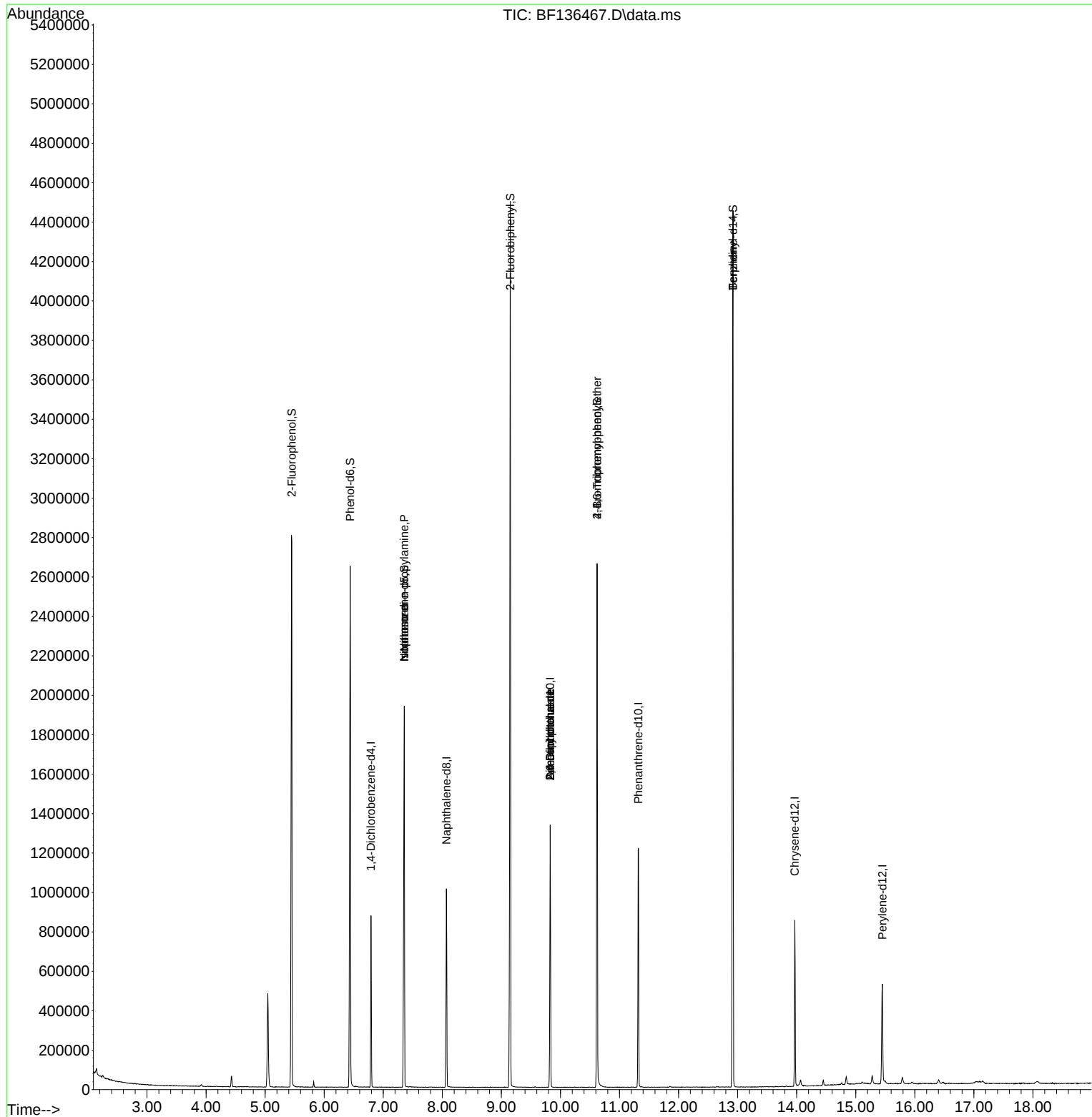
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	117122	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	477598	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	255485	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	478541	20.000	ng	0.00
76) Chrysene-d12	13.968	240	269435	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	238643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	915458	115.433	ng	0.02
7) Phenol-d6	6.439	99	1121425	113.336	ng	0.00
23) Nitrobenzene-d5	7.357	82	690268	78.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	363046	115.247	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1462947	78.133	ng	-0.01
79) Terphenyl-d14	12.921	244	1655212	80.971	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	1408	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	90266	15.814	ng	# 76
25) Isophorone	7.357	82	690262	43.489	ng	# 65
50) Dimethylphthalate	9.827	163	50408	2.680	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	31845	7.525	ng	# 28
57) 2,4-Dinitrotoluene	9.827	165	31845	5.689	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	21770	3.913	ng	# 1
77) Benzidine	12.921	184	17783	3.256	ng	# 91

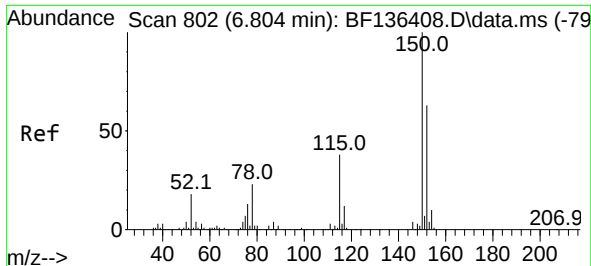
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
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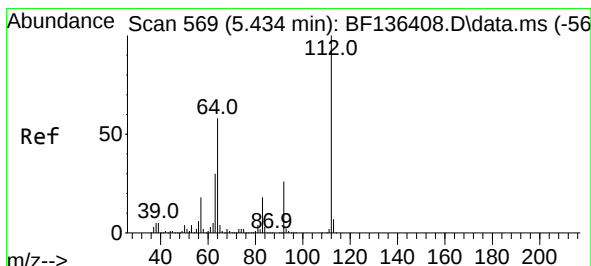
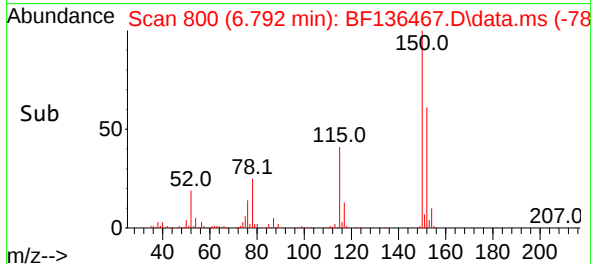
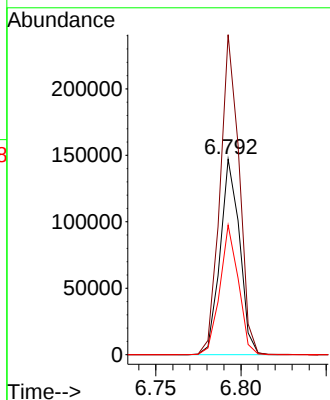
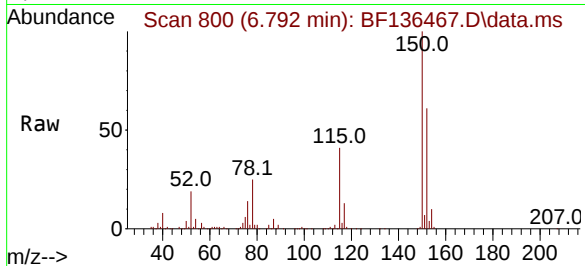




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 802
 Delta R.T. -0.012 min
 Lab File: BF136467.D
 Acq: 08 Dec 2023 15:01

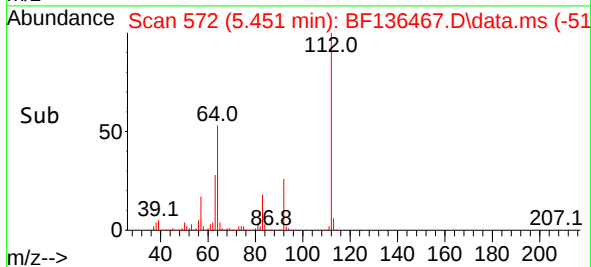
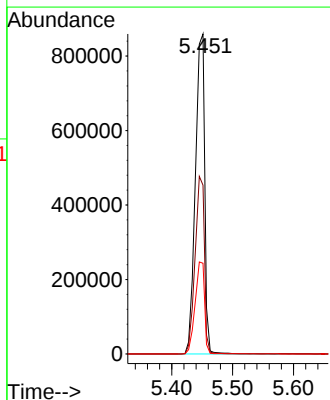
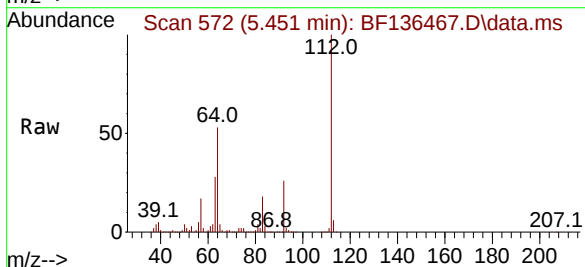
Instrument :
 BNA_F
 ClientSampleId :
 PB157576TB

Tgt Ion:152 Resp: 117122
 Ion Ratio Lower Upper
 152 100
 150 163.6 126.4 189.6
 115 66.3 48.2 72.4



#5
 2-Fluorophenol
 Concen: 115.433 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.018 min
 Lab File: BF136467.D
 Acq: 08 Dec 2023 15:01

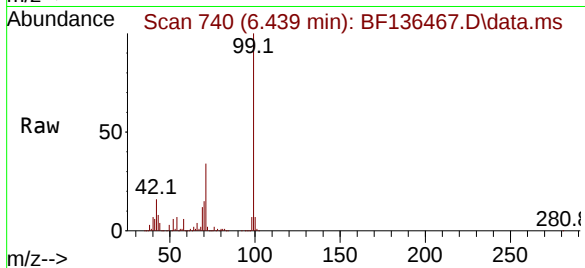
Tgt Ion:112 Resp: 915458
 Ion Ratio Lower Upper
 112 100
 64 52.8 46.5 69.7
 63 28.4 23.9 35.9





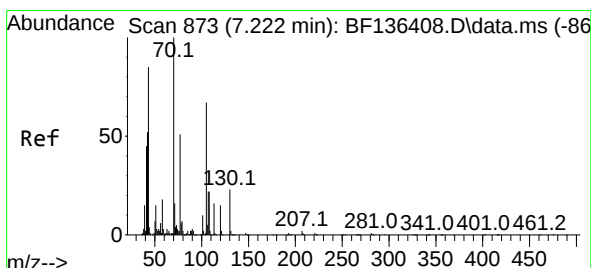
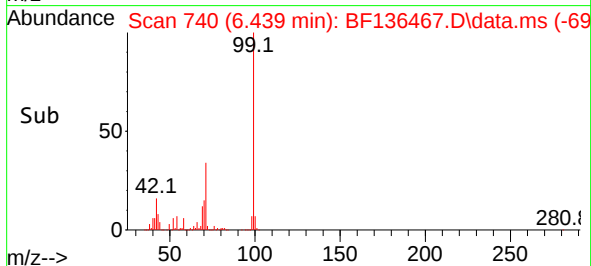
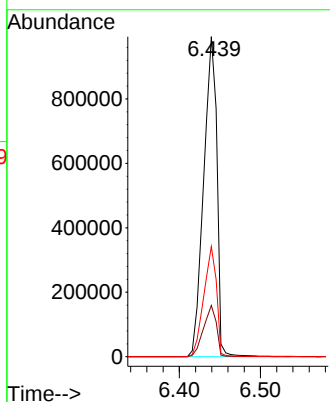
#7
Phenol-d6
Concen: 113.336 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

Instrument :
BNA_F
ClientSampleId :
PB157576TB



Tgt Ion: 99 Resp: 1121425

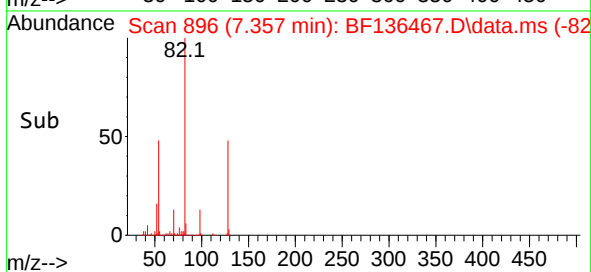
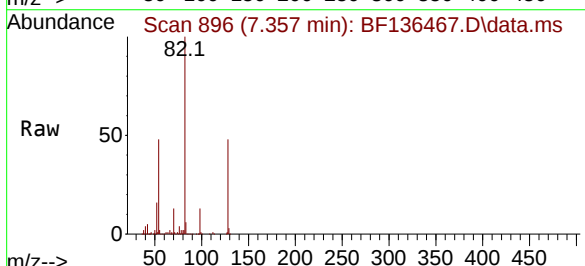
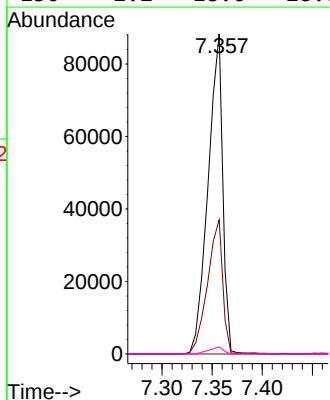
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.8	19.2
71	34.4	27.0	40.4

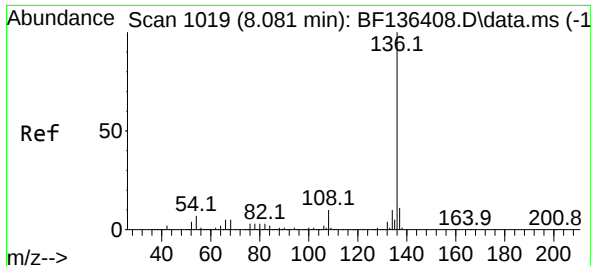


#19
n-Nitroso-di-n-propylamine
Concen: 15.814 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

Tgt Ion: 70 Resp: 90266

Ion	Ratio	Lower	Upper
70	100		
42	41.9	41.4	62.0
101	0.0	8.2	12.4#
130	2.2	18.6	28.0#

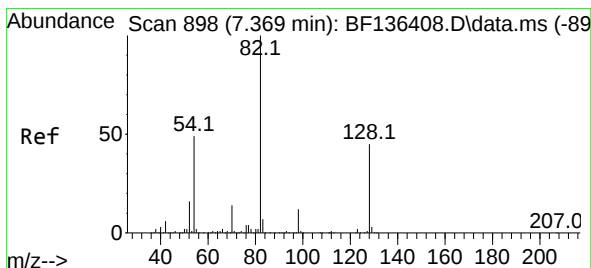
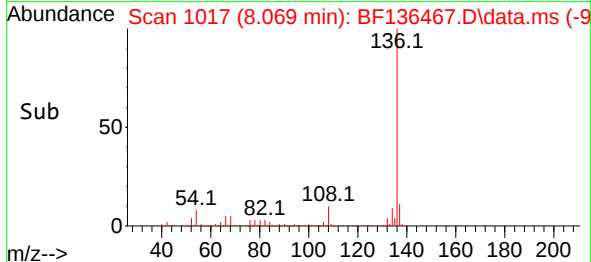
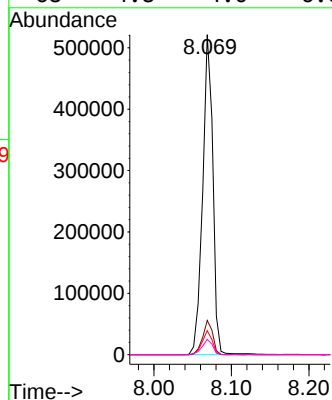
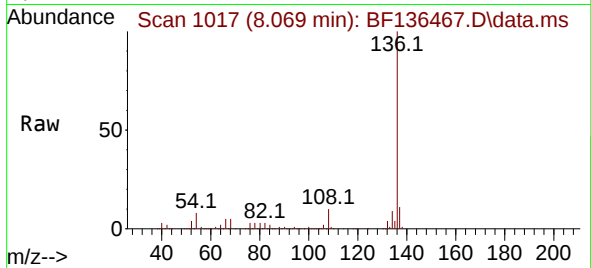




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

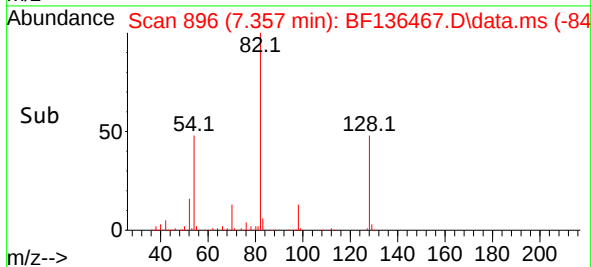
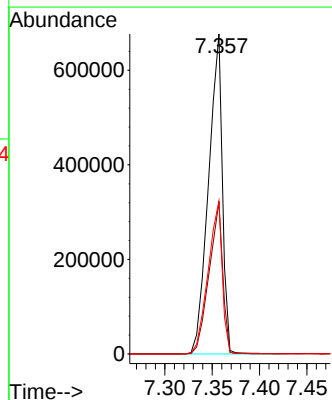
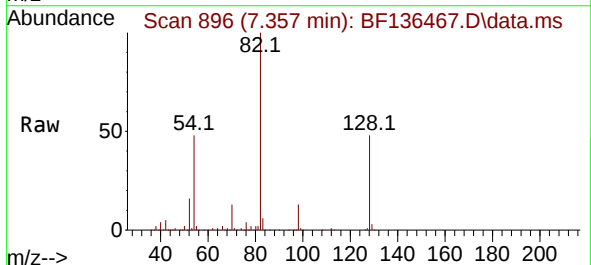
Instrument :
BNA_F
ClientSampleId :
PB157576TB

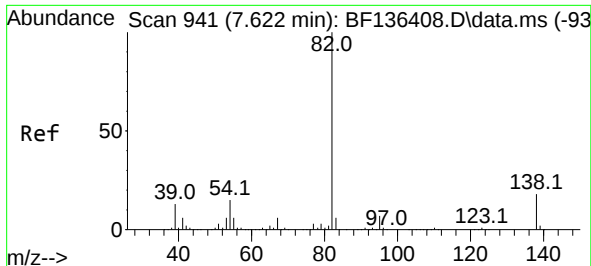
Tgt Ion:136 Resp: 477598
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.5 5.7 8.5
68 4.8 4.0 6.0



#23
Nitrobenzene-d5
Concen: 78.133 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

Tgt Ion: 82 Resp: 690268
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 47.8 39.0 58.6

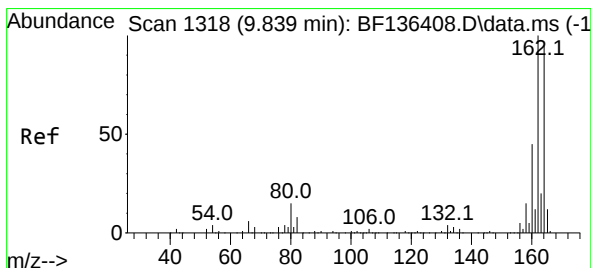
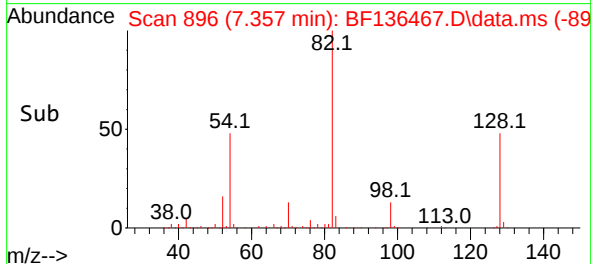
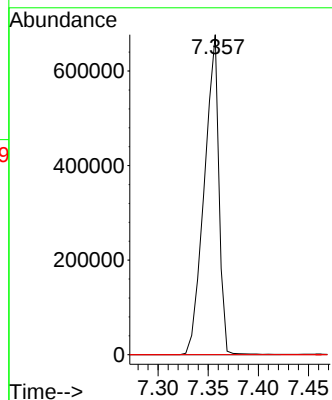
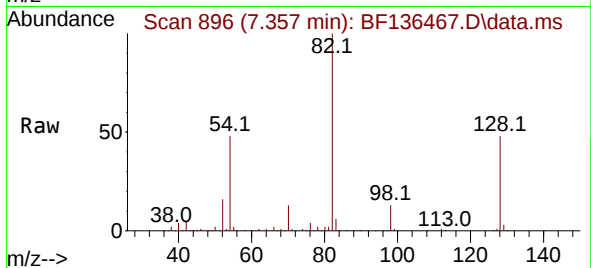




#25
Isophorone
Concen: 43.489 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

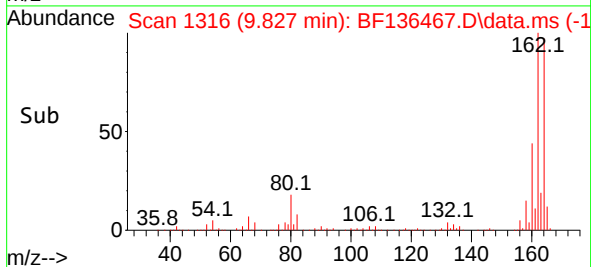
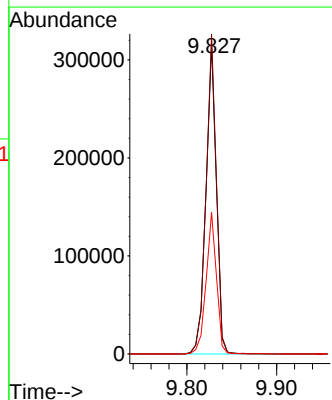
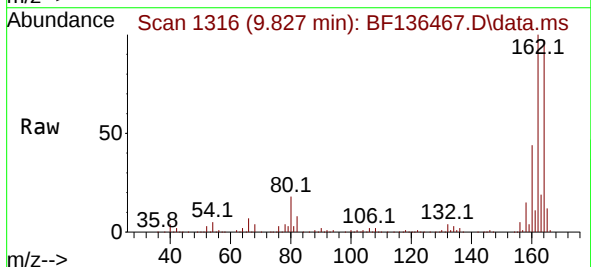
Instrument :
BNA_F
ClientSampleId :
PB157576TB

Tgt Ion: 82 Resp: 690262
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: BF136467.D
Acq: 08 Dec 2023 15:01

Tgt Ion:164 Resp: 255485
Ion Ratio Lower Upper
164 100
162 103.4 84.4 126.6
160 45.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 115.247 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136467.D

Acq: 08 Dec 2023 15:01

Instrument :

BNA_F

ClientSampleId :

PB157576TB

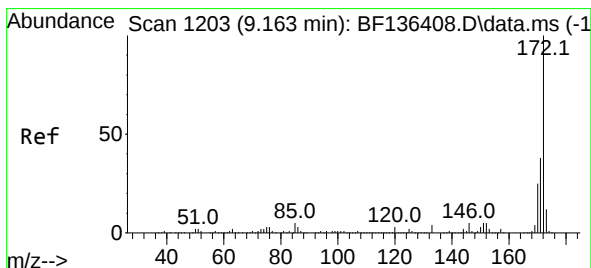
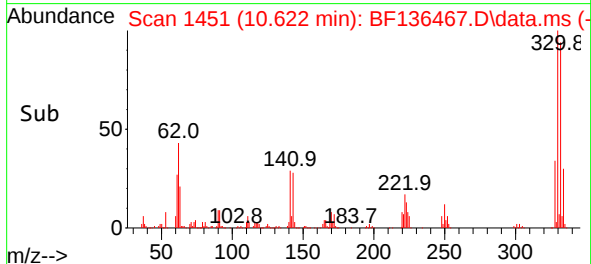
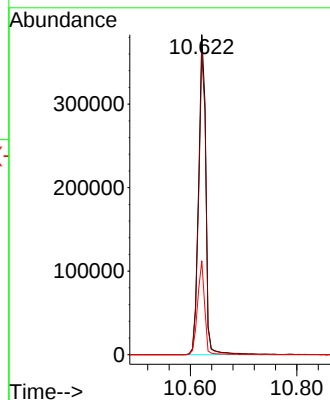
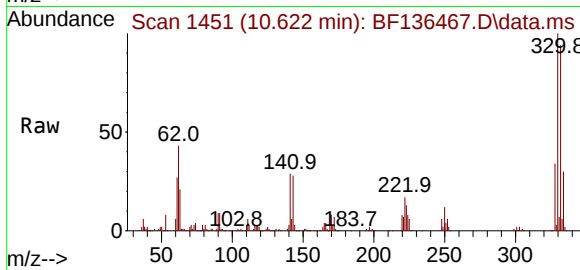
Tgt Ion:330 Resp: 363046

Ion Ratio Lower Upper

330 100

332 94.7 76.4 114.6

141 28.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 78.133 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136467.D

Acq: 08 Dec 2023 15:01

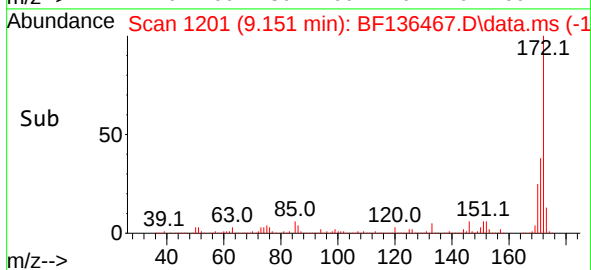
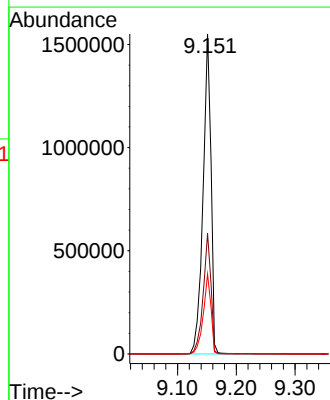
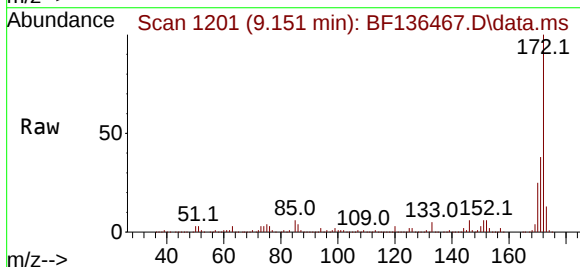
Tgt Ion:172 Resp: 1462947

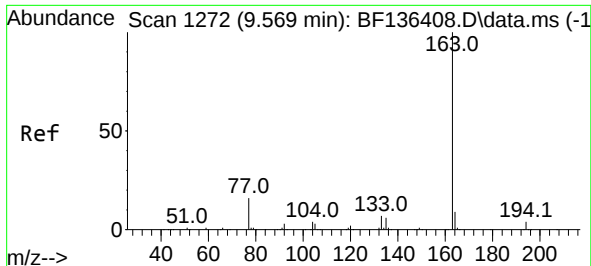
Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

170 25.0 19.9 29.9

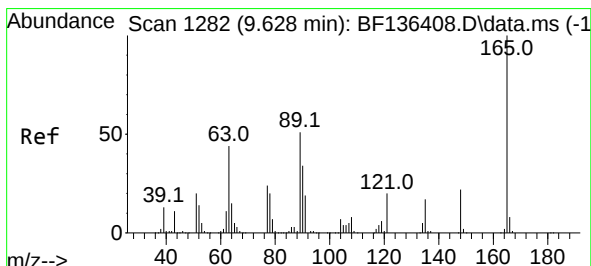
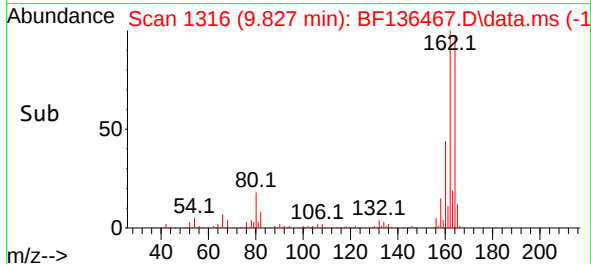
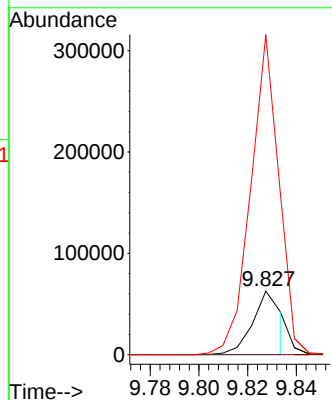
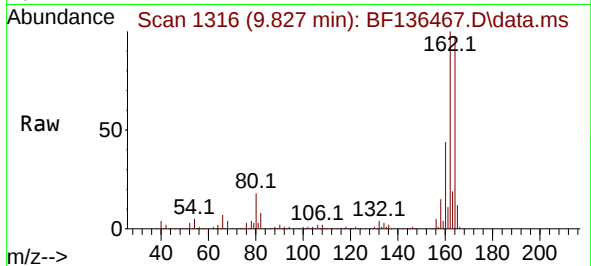




#50
Dimethylphthalate
Concen: 2.680 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

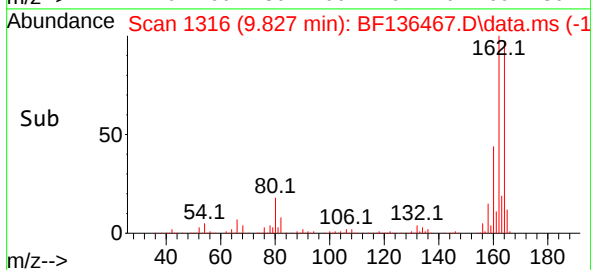
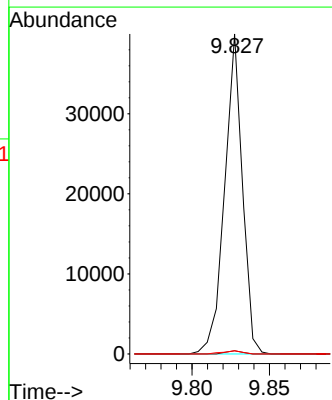
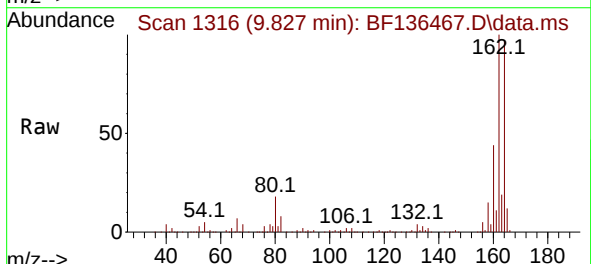
Instrument :
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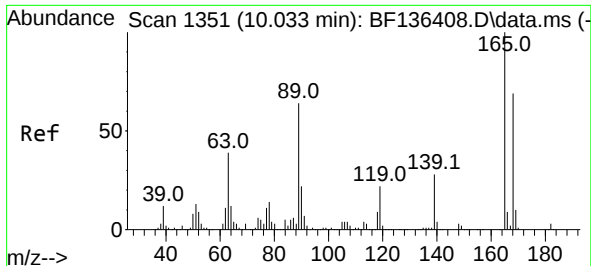
Tgt Ion:163 Resp: 50408
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 503.4 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.525 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

Tgt Ion:165 Resp: 31845
Ion Ratio Lower Upper
165 100
63 1.0 40.4 60.6#
89 1.0 40.6 60.8#

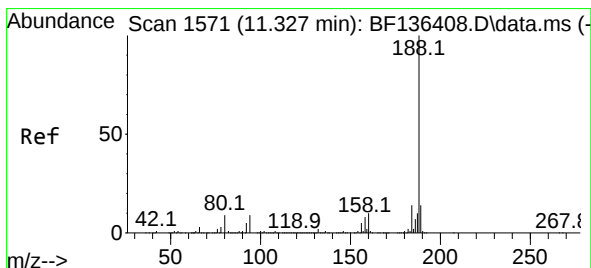
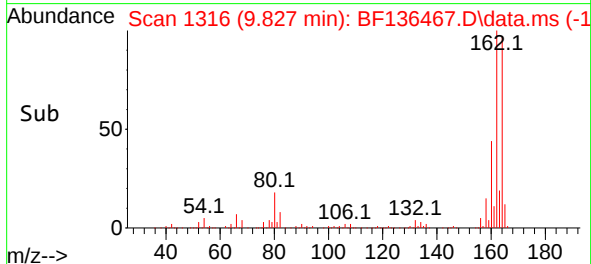
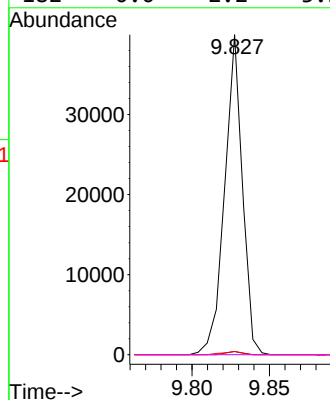
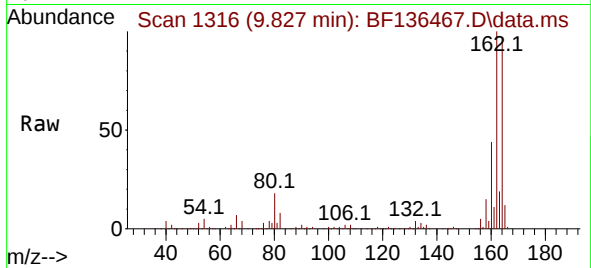




#57
2,4-Dinitrotoluene
Concen: 5.689 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

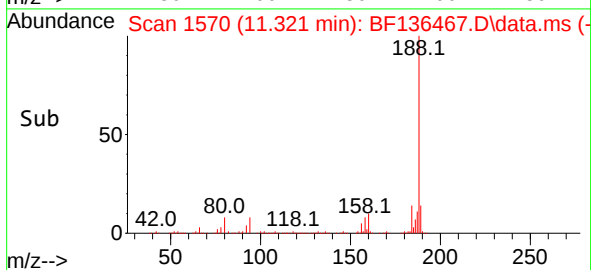
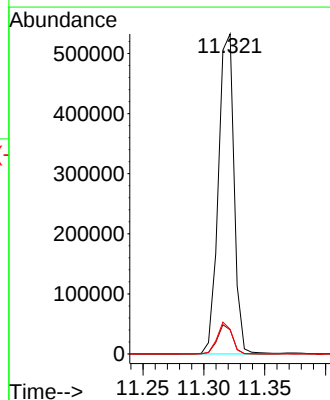
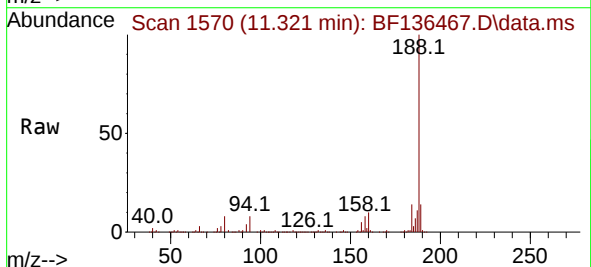
Instrument :
BNA_F
ClientSampleId :
PB157576TB

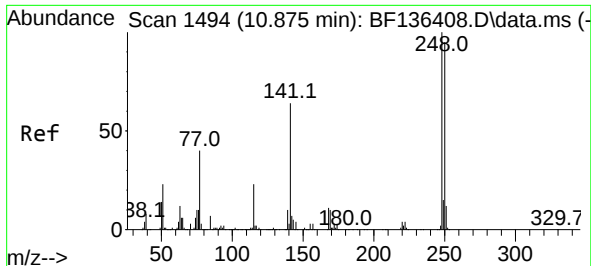
Tgt Ion:165 Resp: 31845
Ion Ratio Lower Upper
165 100
63 1.0 31.4 47.2#
89 1.0 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

Tgt Ion:188 Resp: 478541
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 7.7 7.2 10.8

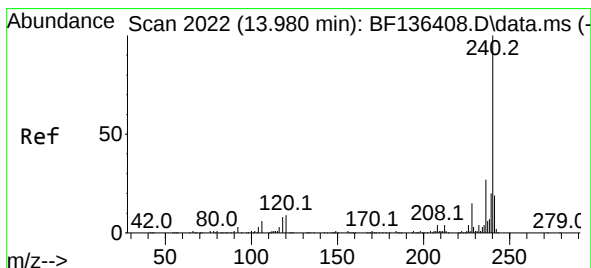
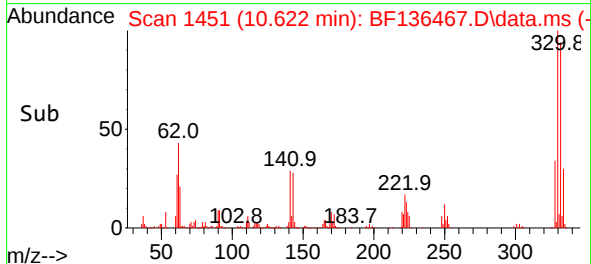
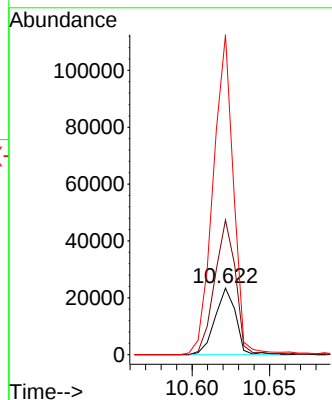
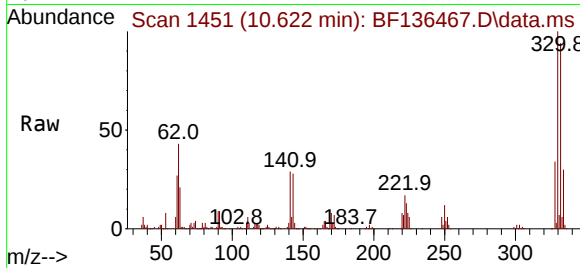




#67
4-Bromophenyl-phenylether
Concen: 3.913 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

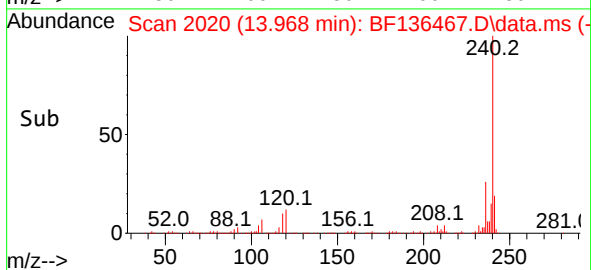
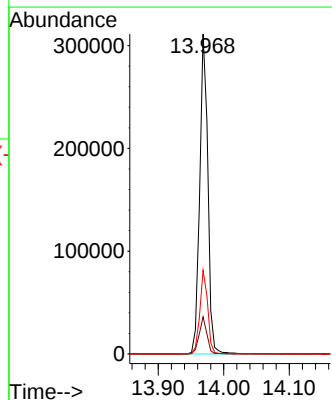
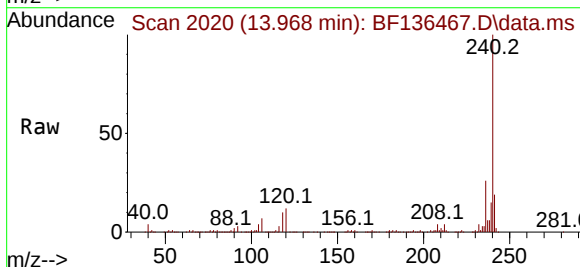
Instrument :
BNA_F
ClientSampleId :
PB157576TB

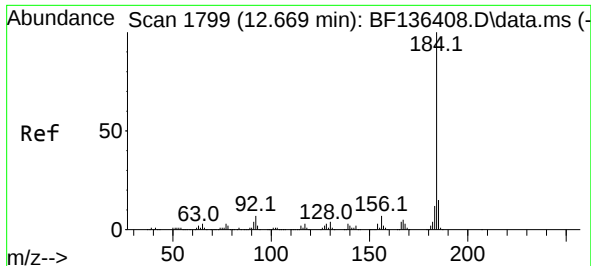
Tgt Ion:248 Resp: 21770
Ion Ratio Lower Upper
248 100
250 202.3 76.2 114.2#
141 480.6 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

Tgt Ion:240 Resp: 269435
Ion Ratio Lower Upper
240 100
120 11.6 7.3 10.9#
236 26.1 21.3 31.9

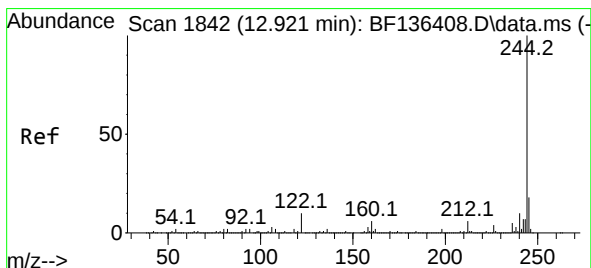
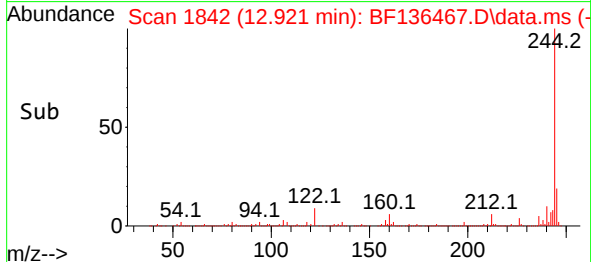
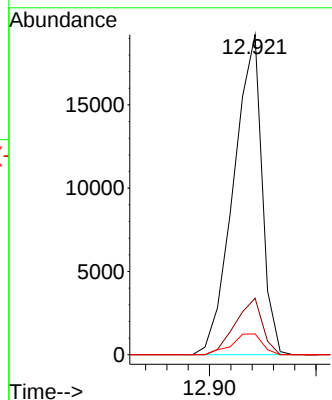
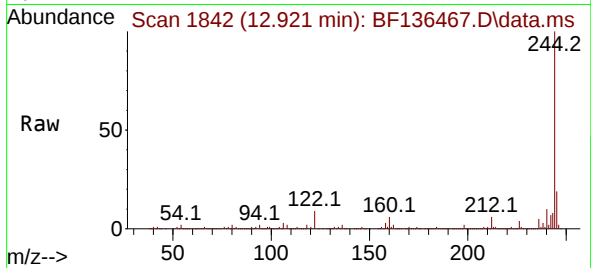




#77
Benzidine
Concen: 3.256 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.252 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

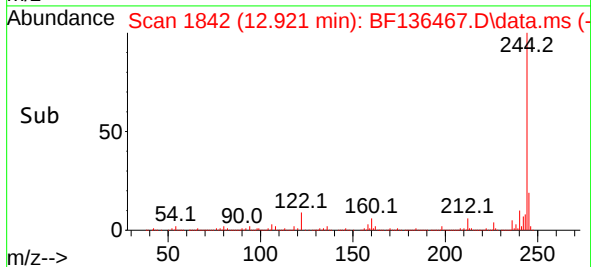
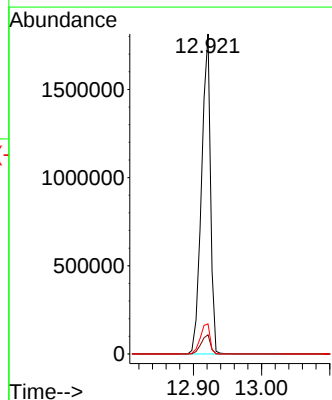
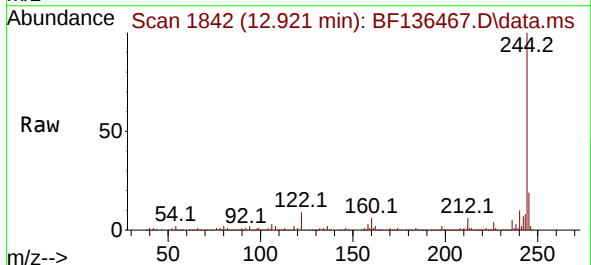
Instrument :
BNA_F
ClientSampleId :
PB157576TB

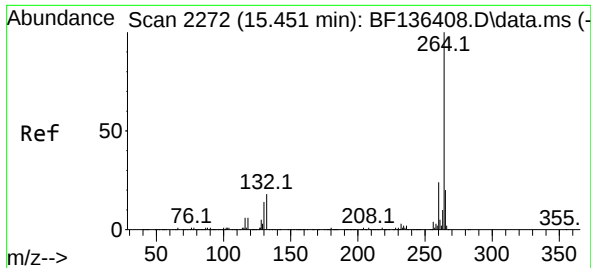
Tgt Ion:184 Resp: 17783
Ion Ratio Lower Upper
184 100
185 17.6 12.0 18.0
183 6.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 80.971 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

Tgt Ion:244 Resp: 1655212
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 9.4 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136467.D
 Acq: 08 Dec 2023 15:01

Instrument :
 BNA_F
 ClientSampleId :
 PB157576TB

Tgt Ion:264 Resp: 238643
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.8 15.9 23.9

