

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136465.D
 Acq On : 08 Dec 2023 13:58
 Operator : CG\JU
 Sample : PB157617BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157617BL

Quant Time: Dec 08 14:21:59 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

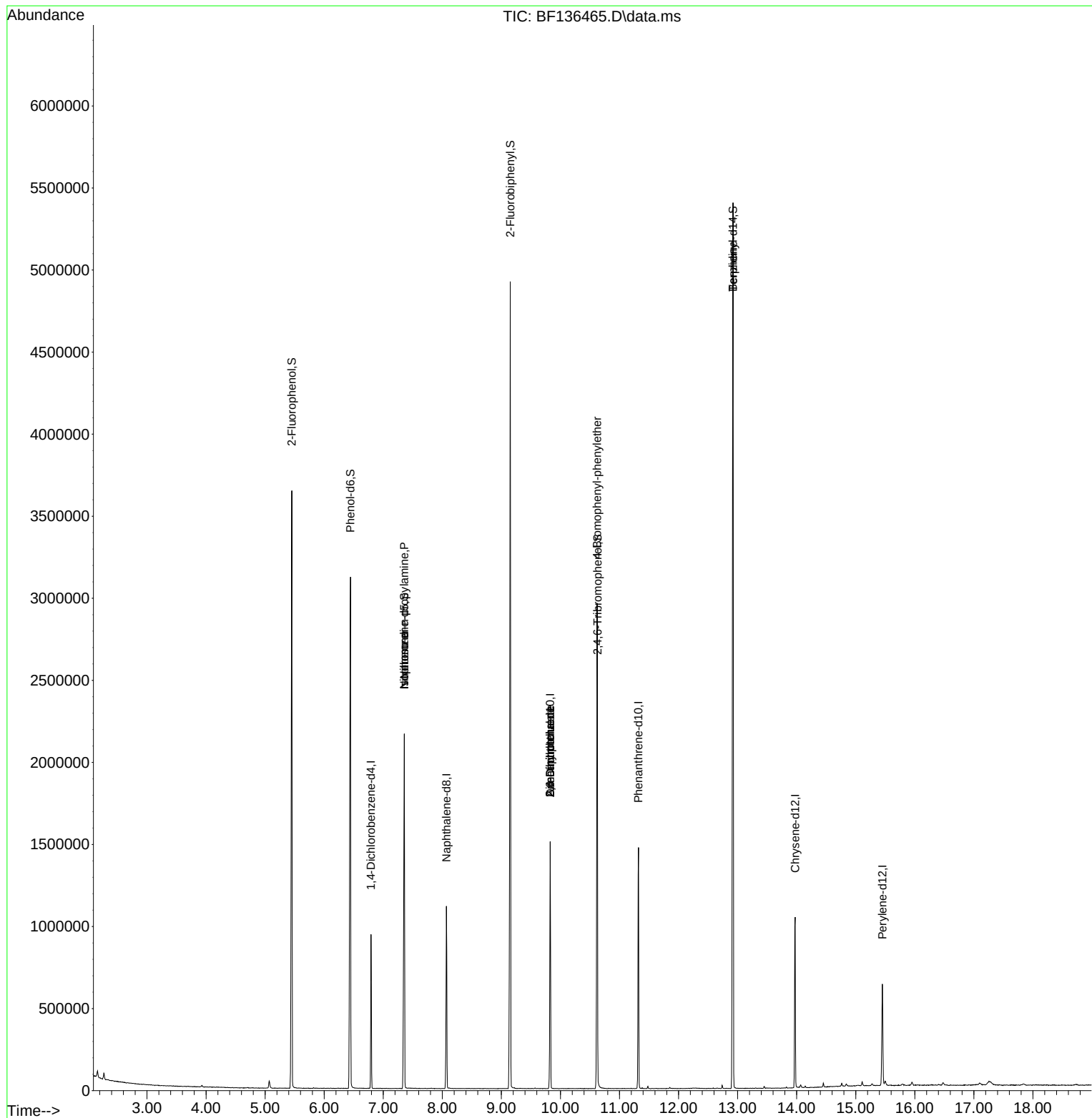
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	130472	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	546395	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	284278	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	554994	20.000	ng	0.00
76) Chrysene-d12	13.974	240	363937	20.000	ng	0.00
86) Perylene-d12	15.451	264	292426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1081243	122.387	ng	0.02
7) Phenol-d6	6.445	99	1345148	122.036	ng	0.00
23) Nitrobenzene-d5	7.357	82	804820	79.629	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	428220	122.168	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1680597	80.667	ng	-0.01
79) Terphenyl-d14	12.921	244	2083193	75.446	ng	0.00
Target Compounds						
9) Benzaldehyde	6.445	77	1913	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.357	70	106036	16.677	ng	# 76
25) Isophorone	7.357	82	804812	44.322	ng	# 65
50) Dimethylphthalate	9.827	163	59196	2.828	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	36524	7.757	ng	# 28
57) 2,4-Dinitrotoluene	9.827	165	36524	5.864	ng	# 28
67) 4-Bromophenyl-phenylether	10.621	248	25706	3.984	ng	# 1
77) Benzidine	12.921	184	22777	2.812	ng	# 93

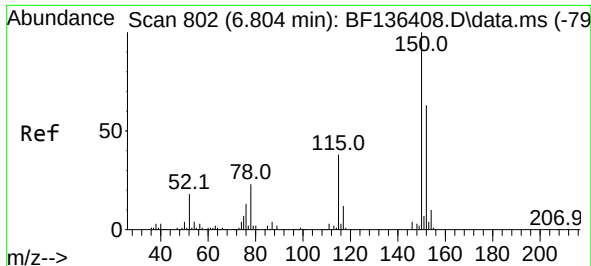
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
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Quant Time: Dec 08 14:21:59 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

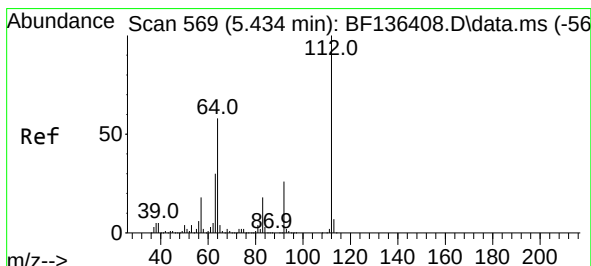
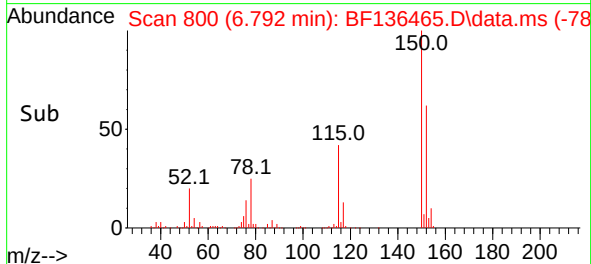
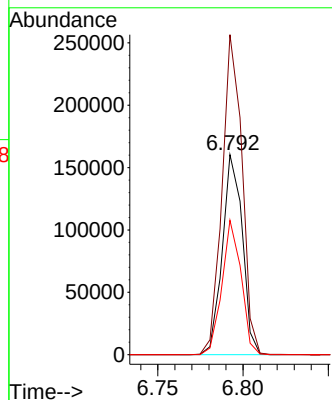
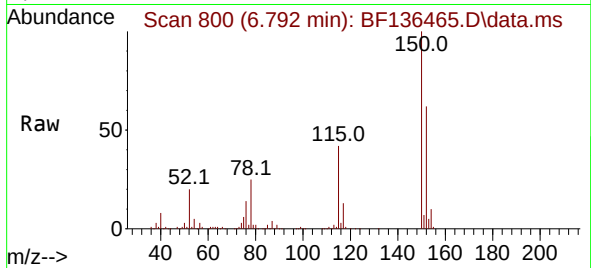




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 802
 Delta R.T. -0.012 min
 Lab File: BF136465.D
 Acq: 08 Dec 2023 13:58

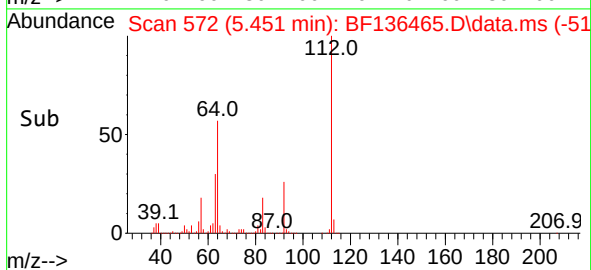
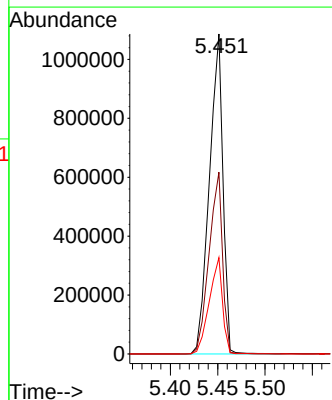
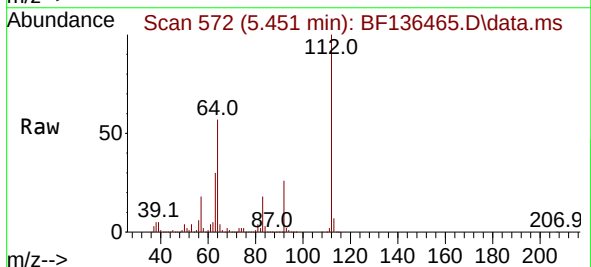
Instrument :
 BNA_F
 ClientSampleId :
 PB157617BL

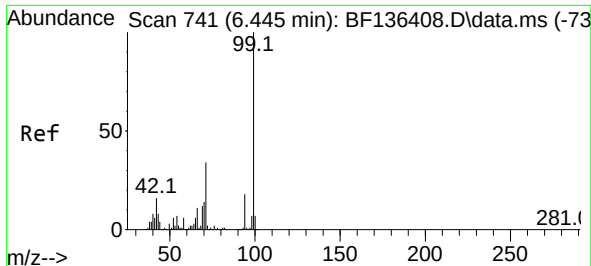
Tgt Ion:152 Resp: 130472
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.4 189.6
 115 67.2 48.2 72.4



#5
 2-Fluorophenol
 Concen: 122.387 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.018 min
 Lab File: BF136465.D
 Acq: 08 Dec 2023 13:58

Tgt Ion:112 Resp: 1081243
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.5 69.7
 63 30.1 23.9 35.9

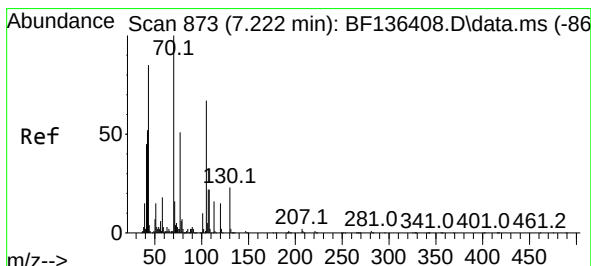
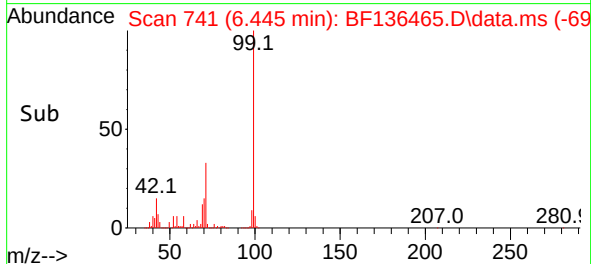
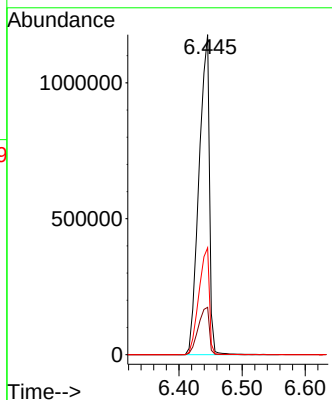
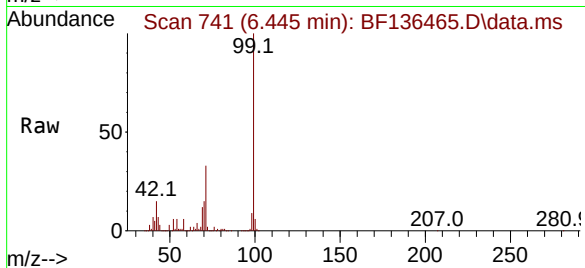




#7
Phenol-d6
Concen: 122.036 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

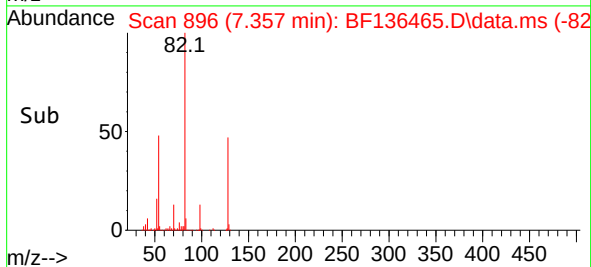
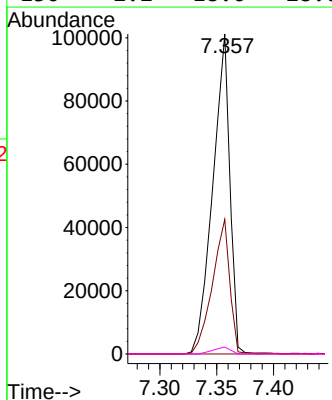
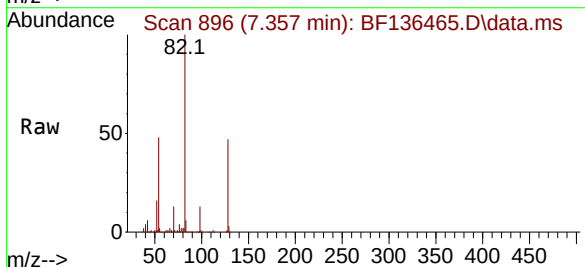
Instrument :
BNA_F
ClientSampleId :
PB157617BL

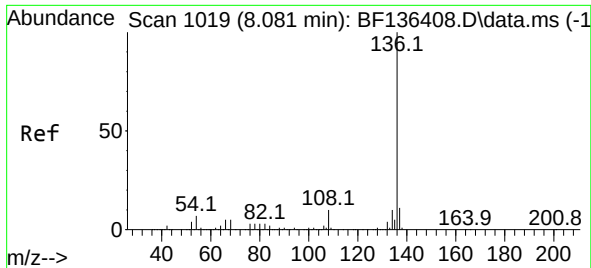
Tgt Ion: 99 Resp: 1345148
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 33.4 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.677 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

Tgt Ion: 70 Resp: 106036
Ion Ratio Lower Upper
70 100
42 42.0 41.4 62.0
101 0.0 8.2 12.4#
130 2.2 18.6 28.0#

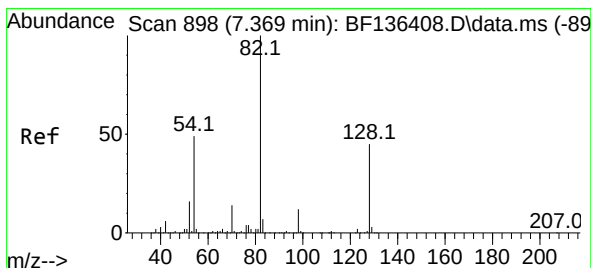
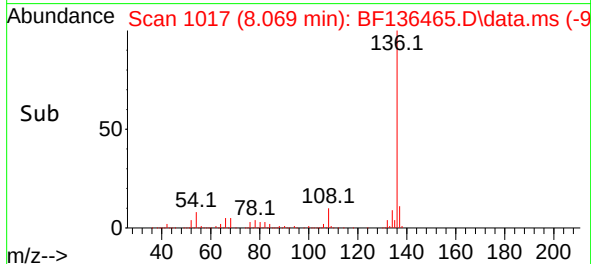
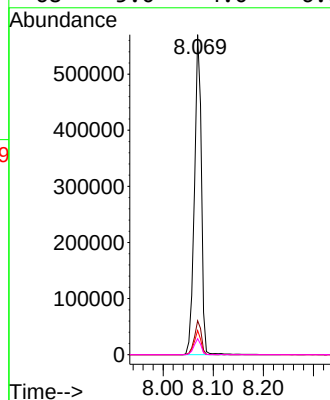
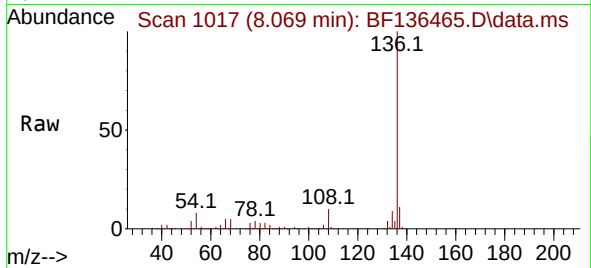




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

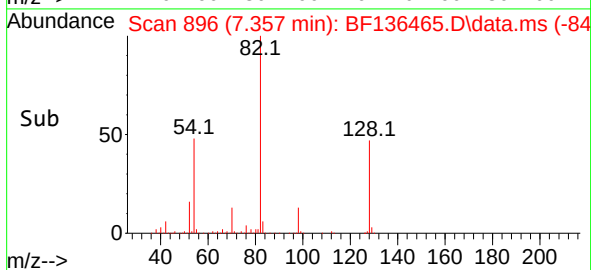
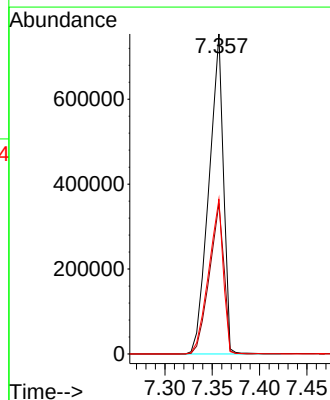
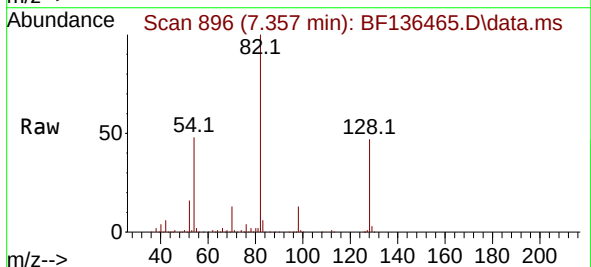
Instrument :
BNA_F
ClientSampleId :
PB157617BL

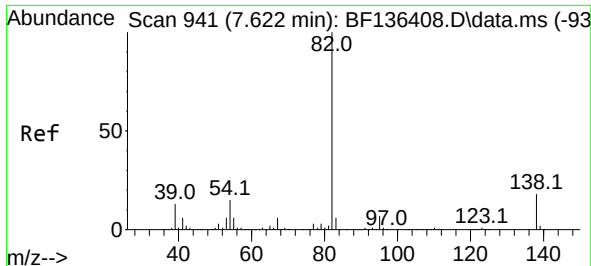
Tgt Ion:136 Resp: 546395
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.6 5.7 8.5
68 5.0 4.0 6.0



#23
Nitrobenzene-d5
Concen: 79.629 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

Tgt Ion: 82 Resp: 804820
Ion Ratio Lower Upper
82 100
128 47.0 36.3 54.5
54 48.4 39.0 58.6

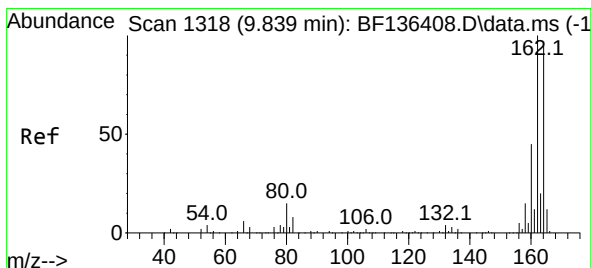
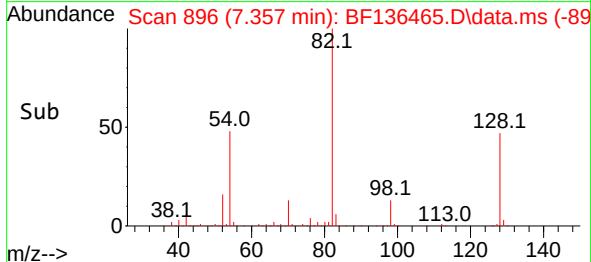
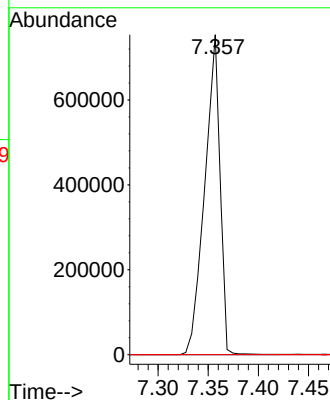
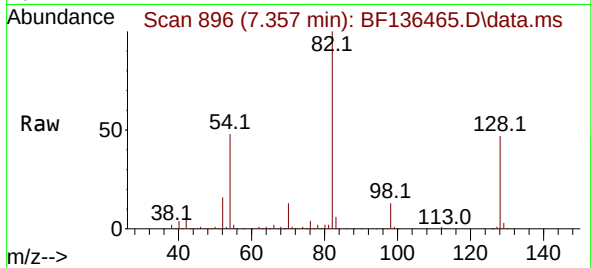




#25
Isophorone
Concen: 44.322 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

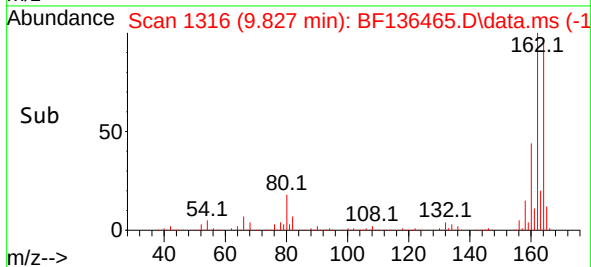
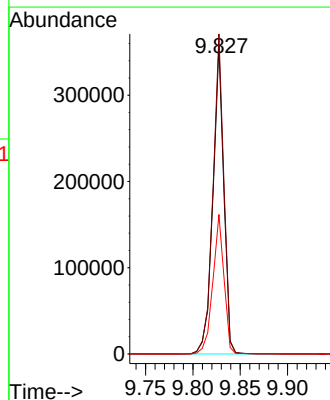
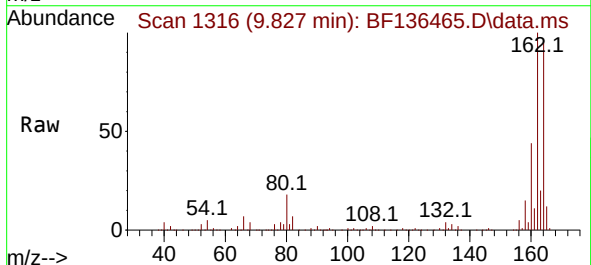
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BNA_F
ClientSampleId :
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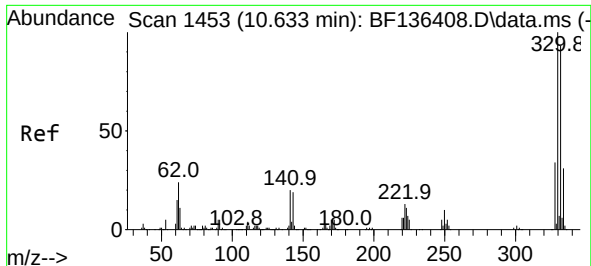
Tgt Ion: 82 Resp: 804812
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

Tgt Ion:164 Resp: 284278
Ion Ratio Lower Upper
164 100
162 103.9 84.4 126.6
160 45.3 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 122.168 ng

RT: 10.627 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136465.D

Acq: 08 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157617BL

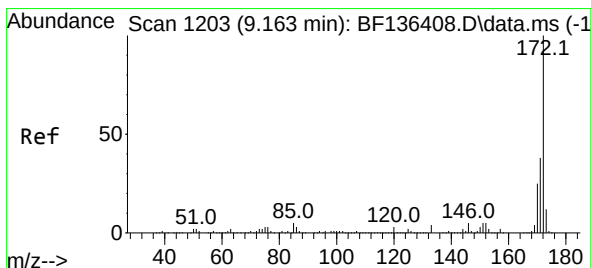
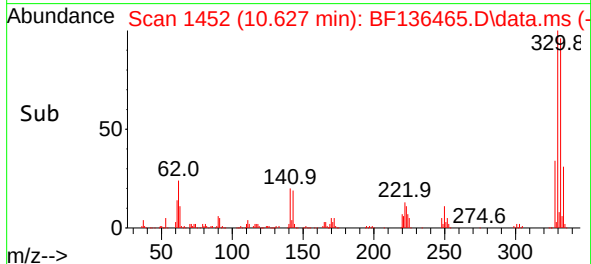
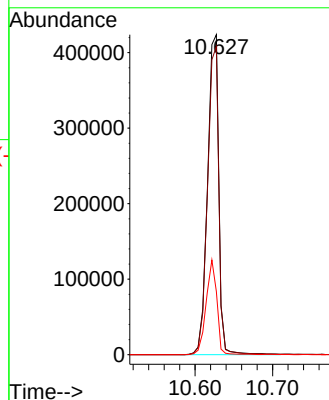
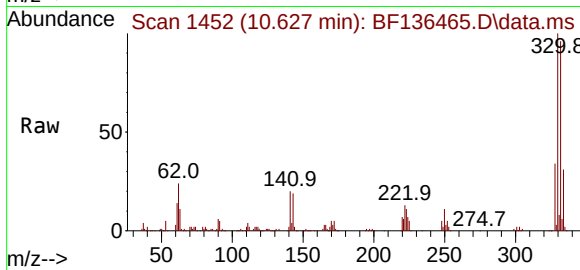
Tgt Ion:330 Resp: 428220

Ion Ratio Lower Upper

330 100

332 96.5 76.4 114.6

141 28.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 80.667 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136465.D

Acq: 08 Dec 2023 13:58

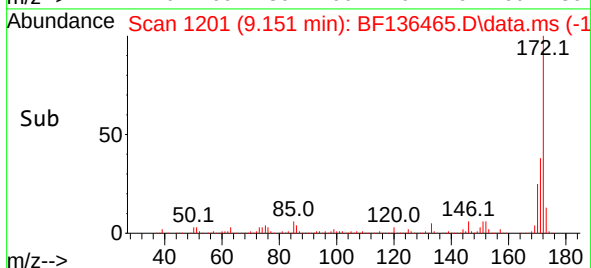
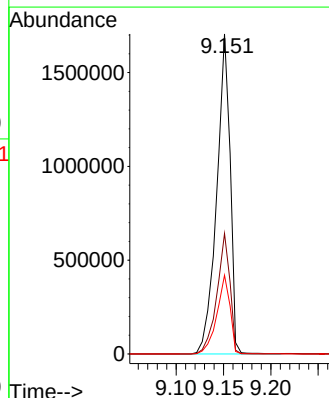
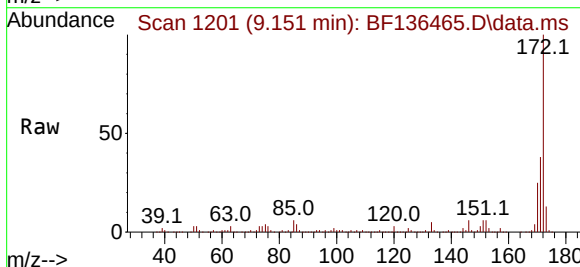
Tgt Ion:172 Resp: 1680597

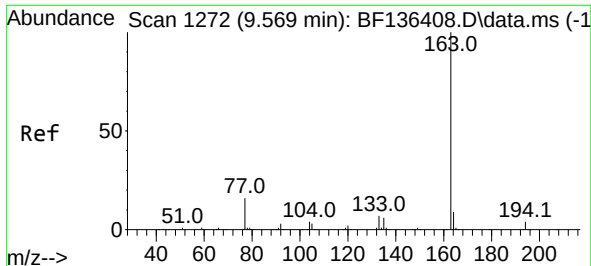
Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

170 24.6 19.9 29.9

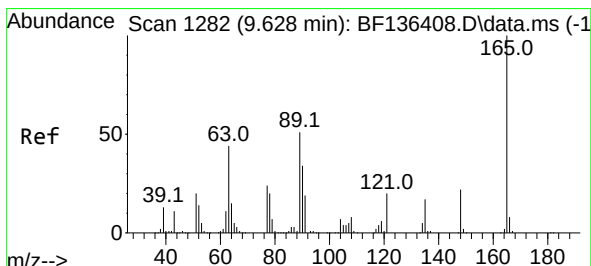
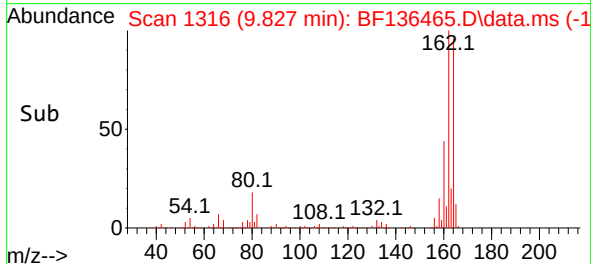
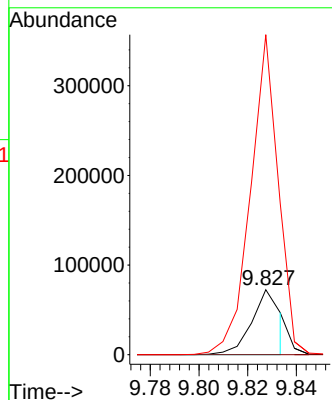
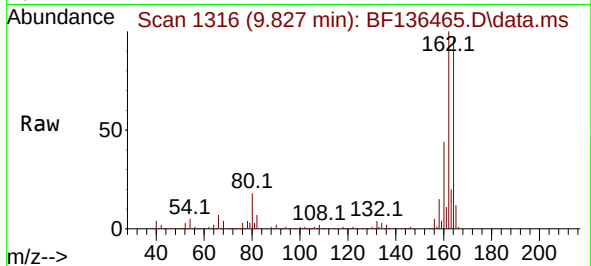




#50
Dimethylphthalate
Concen: 2.828 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

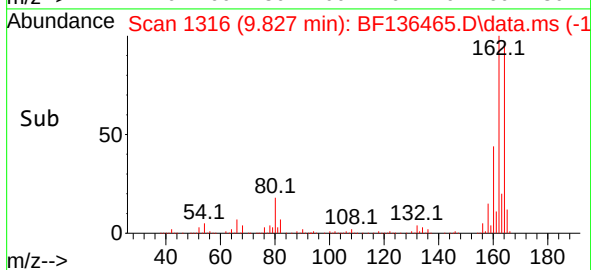
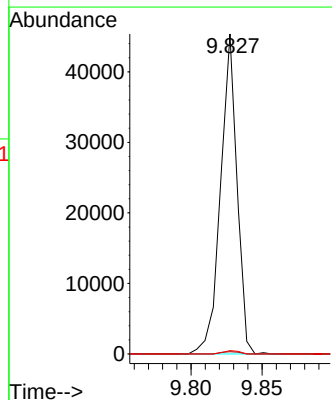
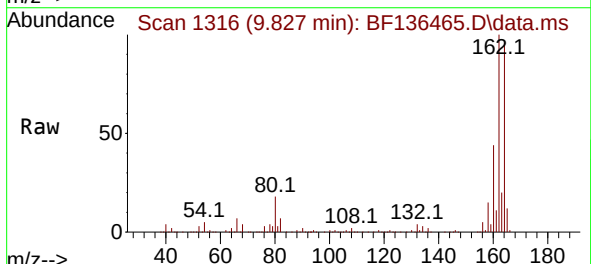
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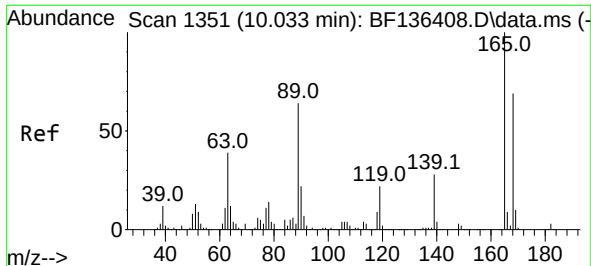
Tgt Ion:163 Resp: 59196
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 492.0 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.757 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

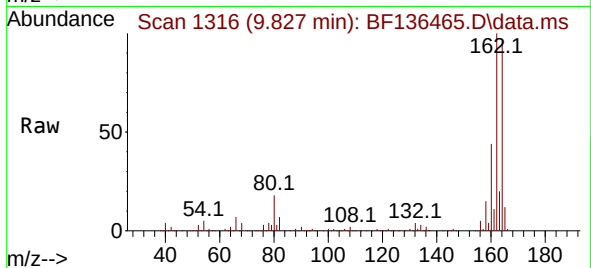
Tgt Ion:165 Resp: 36524
Ion Ratio Lower Upper
165 100
63 0.7 40.4 60.6#
89 1.0 40.6 60.8#



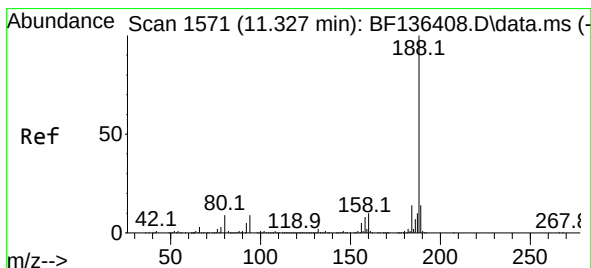
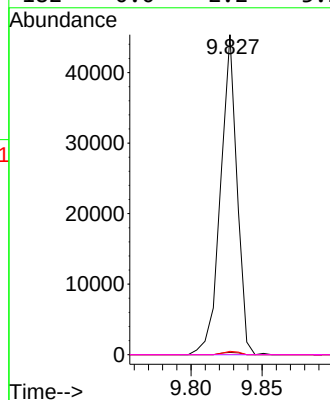
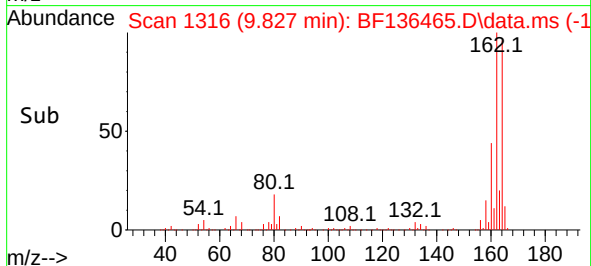


#57
2,4-Dinitrotoluene
Concen: 5.864 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

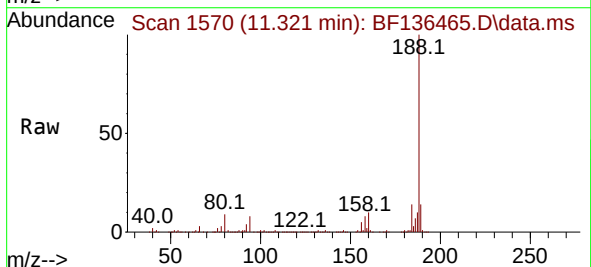
Instrument :
BNA_F
ClientSampleId :
PB157617BL



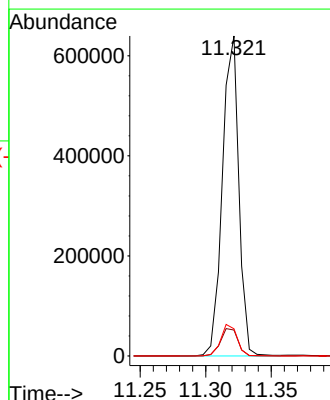
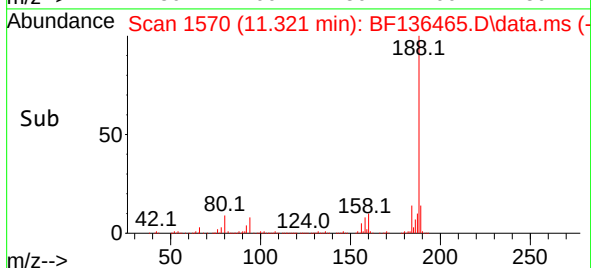
Tgt Ion:165 Resp: 36524
Ion Ratio Lower Upper
165 100
63 0.7 31.4 47.2#
89 1.0 51.7 77.5#
182 0.0 2.2 3.2#

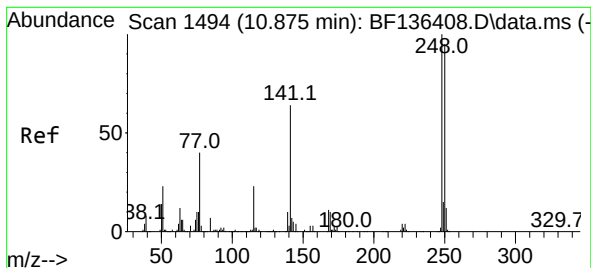


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58



Tgt Ion:188 Resp: 554994
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.5 7.2 10.8

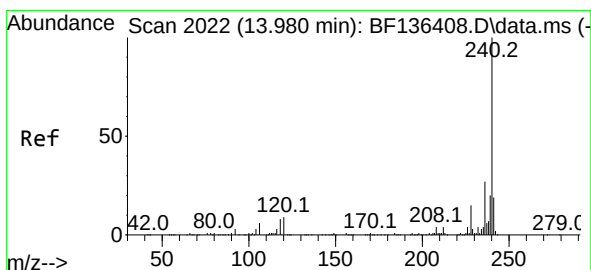
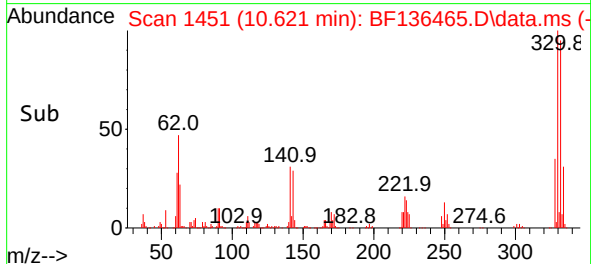
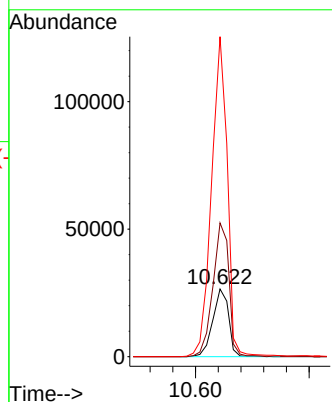
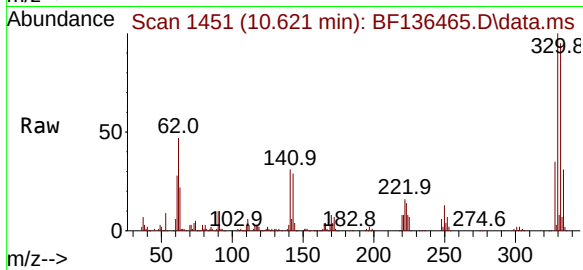




#67
4-Bromophenyl-phenylether
Concen: 3.984 ng
RT: 10.621 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

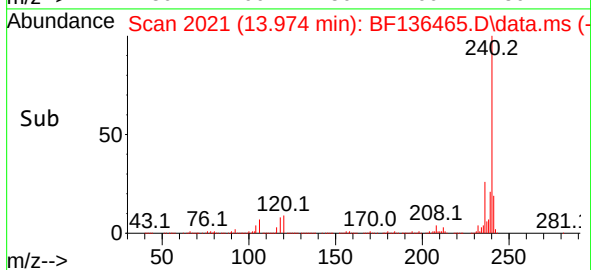
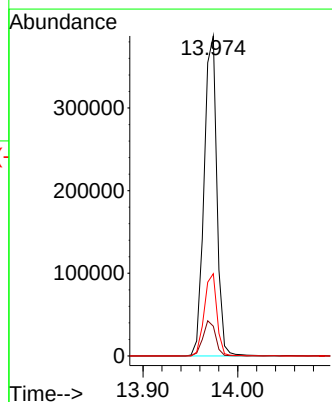
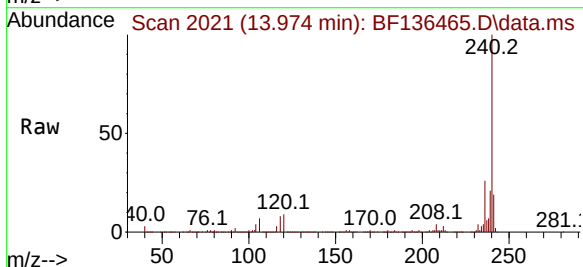
Instrument :
BNA_F
ClientSampleId :
PB157617BL

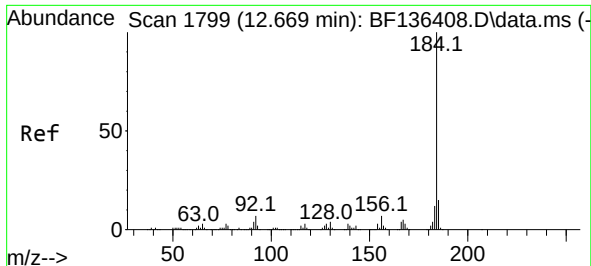
Tgt Ion:248 Resp: 25706
Ion Ratio Lower Upper
248 100
250 197.5 76.2 114.2#
141 472.7 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

Tgt Ion:240 Resp: 363937
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.7 21.3 31.9

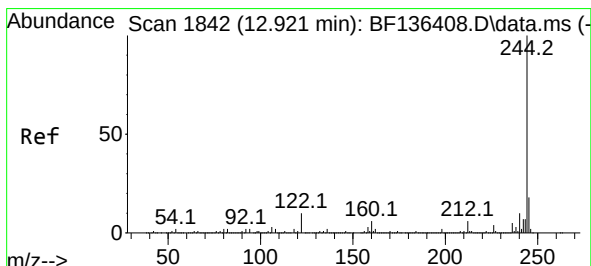
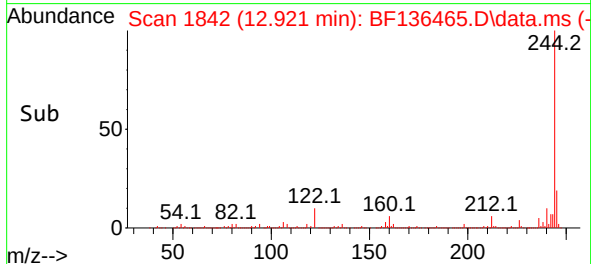
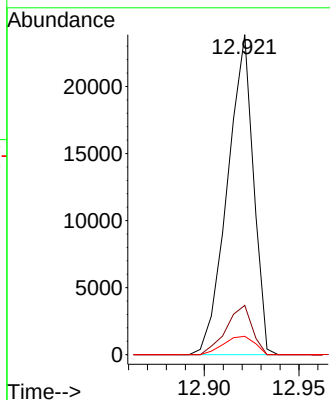
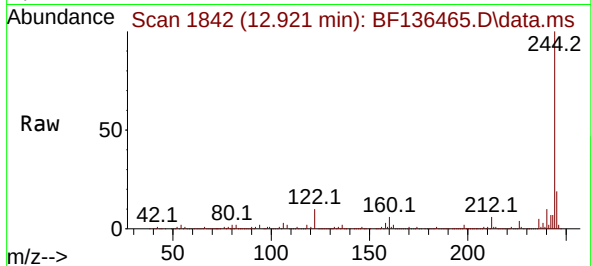




#77
Benzidine
Concen: 2.812 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.252 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

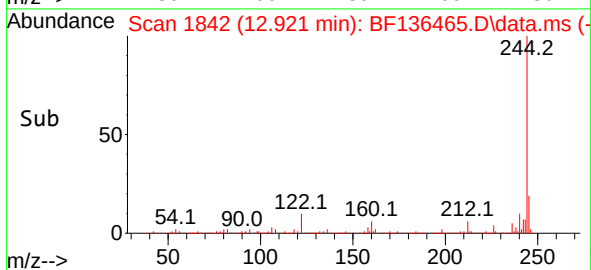
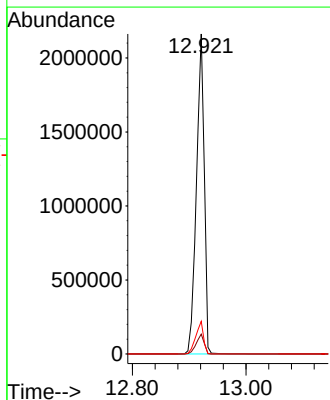
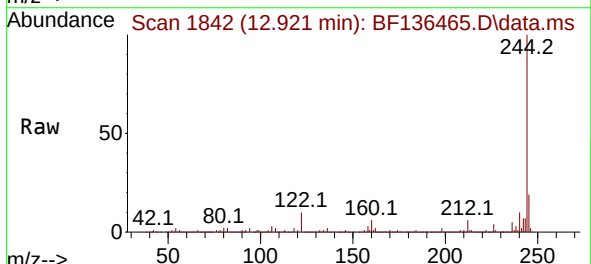
Instrument :
BNA_F
ClientSampleId :
PB157617BL

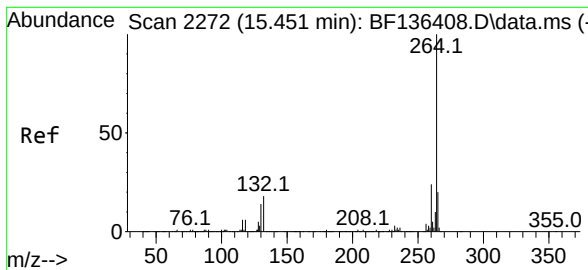
Tgt Ion:184 Resp: 22777
Ion Ratio Lower Upper
184 100
185 15.4 12.0 18.0
183 5.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 75.446 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136465.D
Acq: 08 Dec 2023 13:58

Tgt Ion:244 Resp: 2083193
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.2 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: BF136465.D
Acq: 08 Dec 2023 13:58

Instrument :
BNA_F
ClientSampleId :
PB157617BL

Tgt Ion:264	Resp:	292426
Ion	Ratio	Lower Upper
264	100	
260	22.8	19.2 28.8
265	20.9	15.9 23.9

