

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136502.D
 Acq On : 11 Dec 2023 21:24
 Operator : CG\JU
 Sample : 05639-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E8965C-CC-001

Quant Time: Dec 11 23:47:10 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)

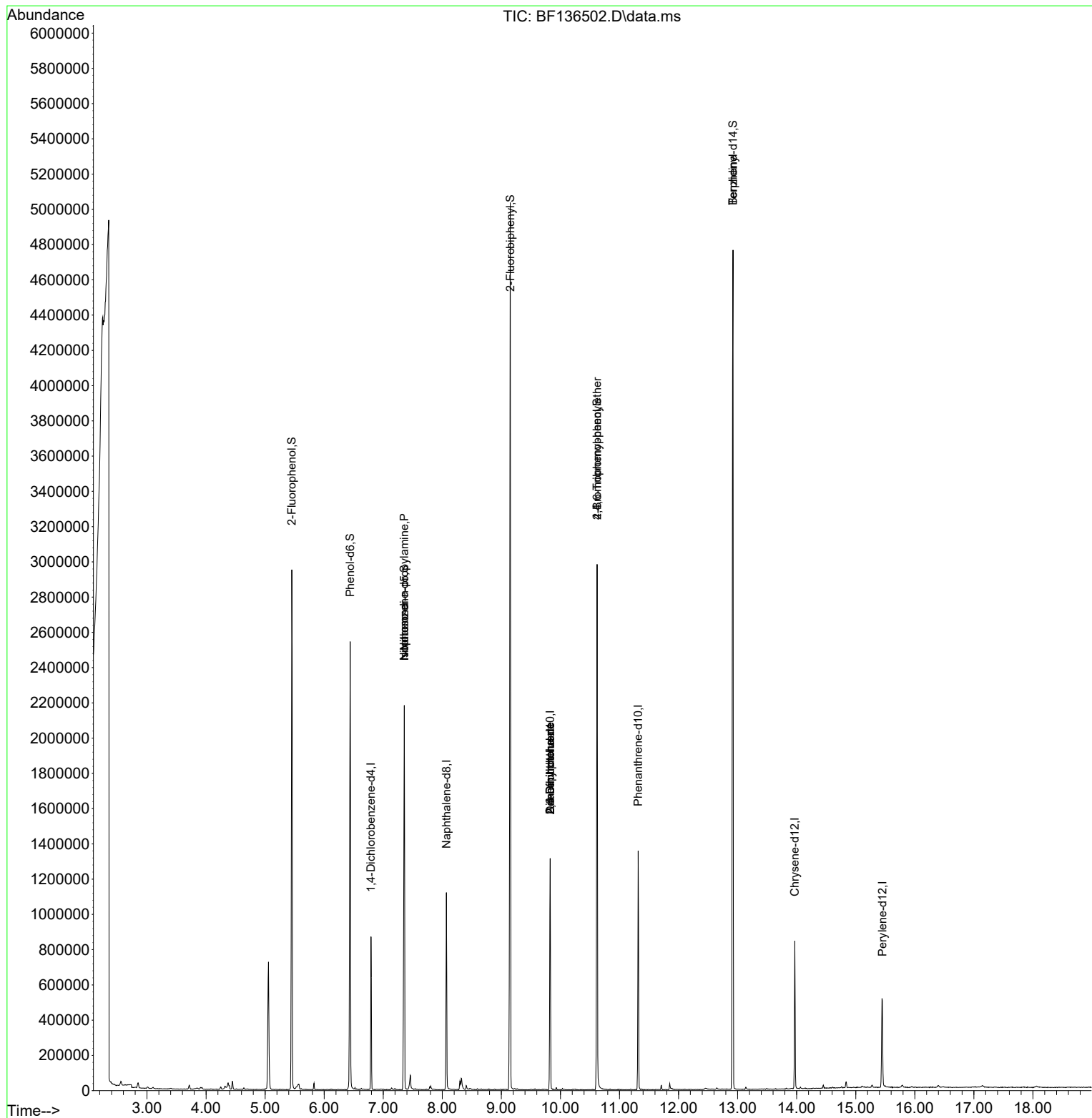
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	123448	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	500700	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	265475	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	488051	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	260774	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	252290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	931216	111.403	ng	0.02
7) Phenol-d6	6.439	99	1008110	96.663	ng	0.00
23) Nitrobenzene-d5	7.357	82	812527	87.728	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	424157	129.580	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1632913	83.929	ng	-0.01
79) Terphenyl-d14	12.921	244	1860034	94.013	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	1546	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	108116	17.971	ng	# 75
25) Isophorone	7.357	82	812516	48.829	ng	# 65
50) Dimethylphthalate	9.827	163	55202	2.824	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	33349	7.584	ng	# 28
57) 2,4-Dinitrotoluene	9.827	165	33349	5.733	ng	# 28
67) 4-Bromophenyl-phenylether	10.621	248	25906	4.565	ng	# 1
77) Benzidine	12.921	184	21763	5.263	ng	# 93

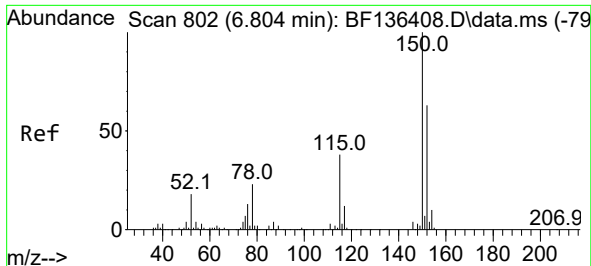
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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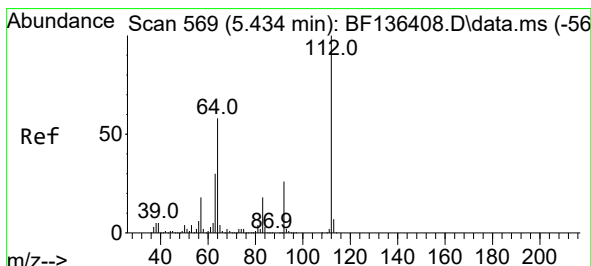
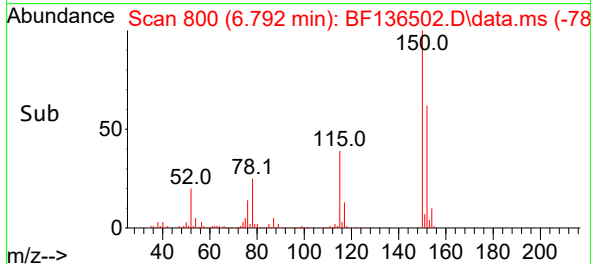
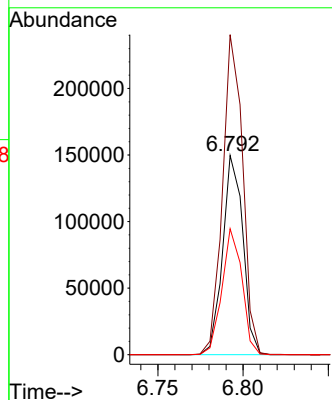
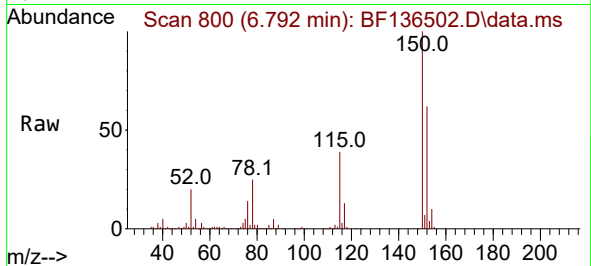




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

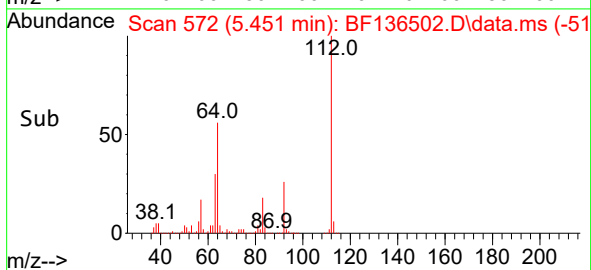
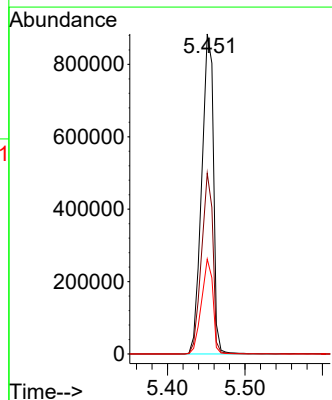
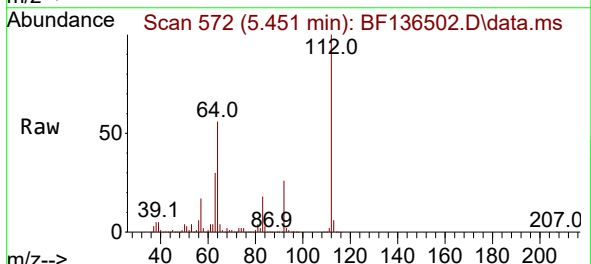
Instrument :
BNA_F
ClientSampleId :
E8965C-CC-001

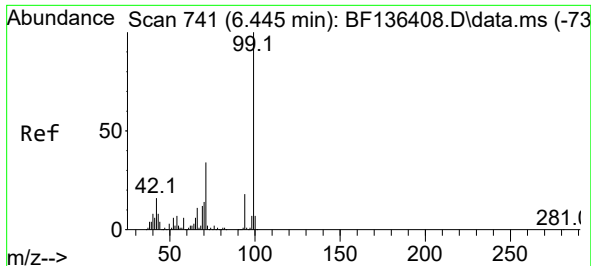
Tgt Ion:152 Resp: 123448
Ion Ratio Lower Upper
152 100
150 160.7 126.4 189.6
115 63.3 48.2 72.4



#5
2-Fluorophenol
Concen: 111.403 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

Tgt Ion:112 Resp: 931216
Ion Ratio Lower Upper
112 100
64 56.5 46.5 69.7
63 29.6 23.9 35.9

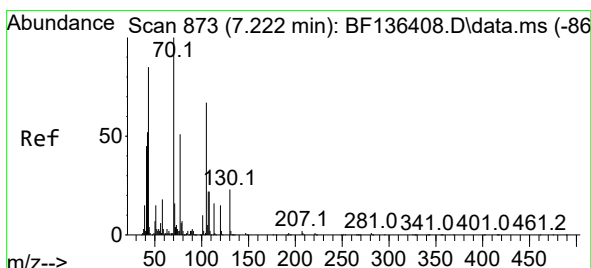
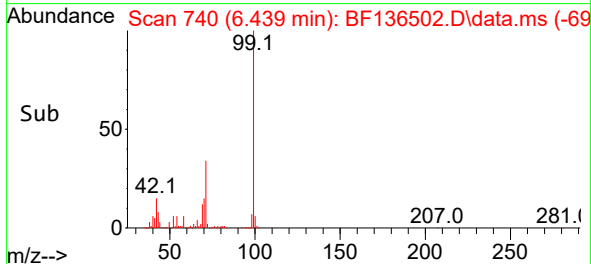
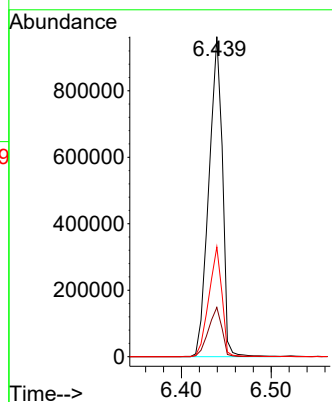
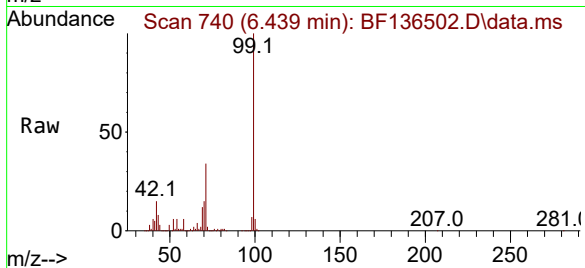




#7
Phenol-d6
Concen: 96.663 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

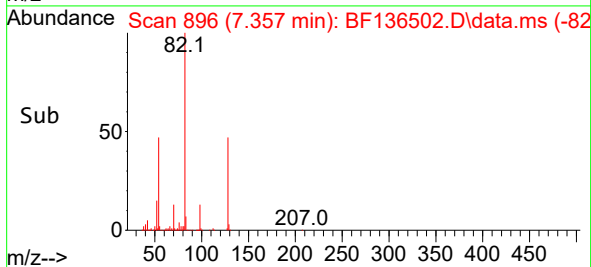
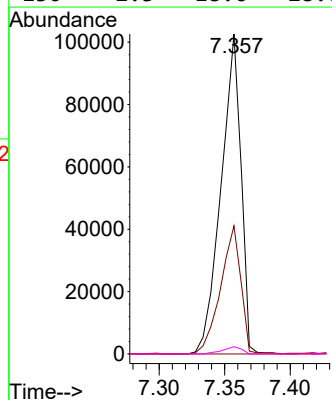
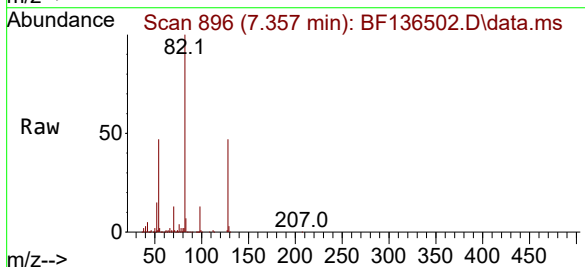
Instrument :
BNA_F
ClientSampleId :
E8965C-CC-001

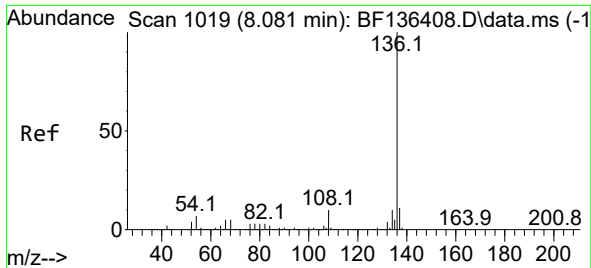
Tgt Ion: 99 Resp: 1008110
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 34.3 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.971 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

Tgt Ion: 70 Resp: 108116
Ion Ratio Lower Upper
70 100
42 40.1 41.4 62.0#
101 0.0 8.2 12.4#
130 2.3 18.6 28.0#

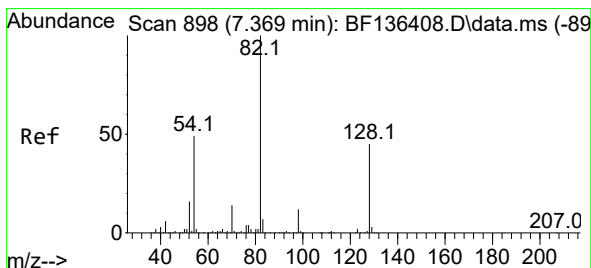
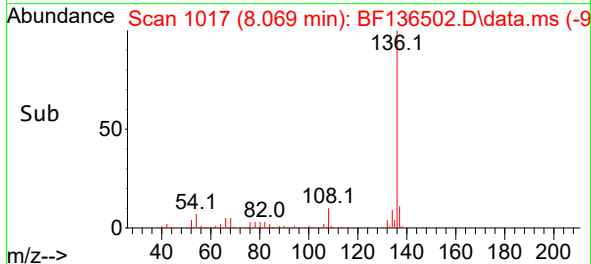
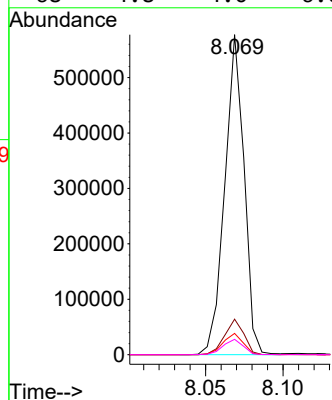
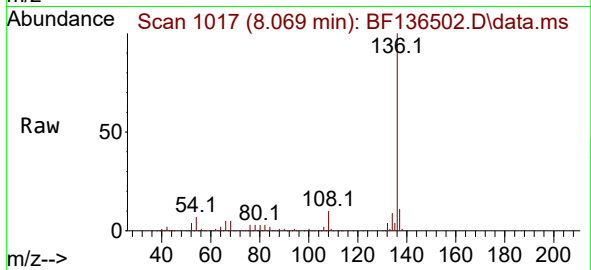




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

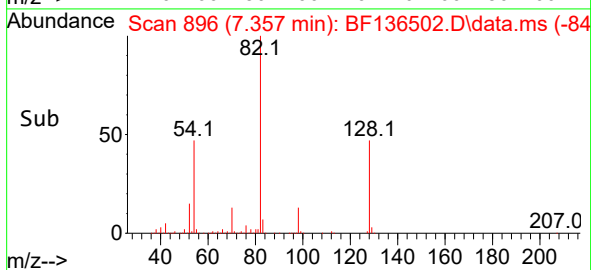
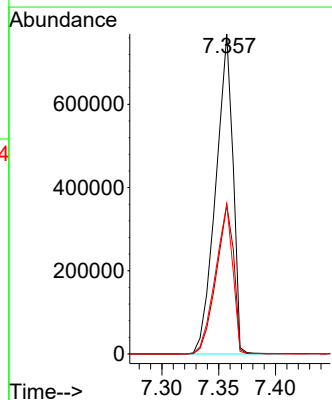
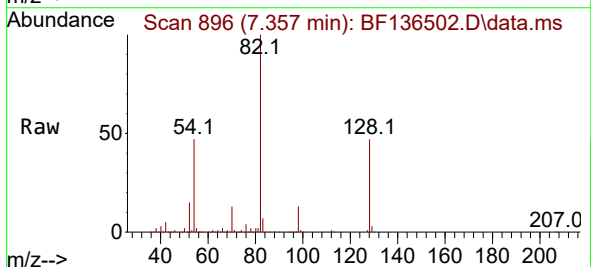
Instrument :
BNA_F
ClientSampleId :
E8965C-CC-001

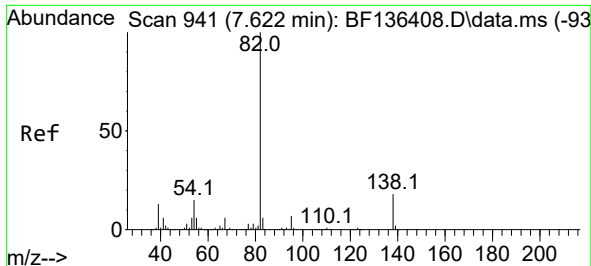
Tgt Ion:136 Resp: 500700
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.7 5.7 8.5
68 4.8 4.0 6.0



#23
Nitrobenzene-d5
Concen: 87.728 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

Tgt Ion: 82 Resp: 812527
Ion Ratio Lower Upper
82 100
128 46.6 36.3 54.5
54 46.9 39.0 58.6

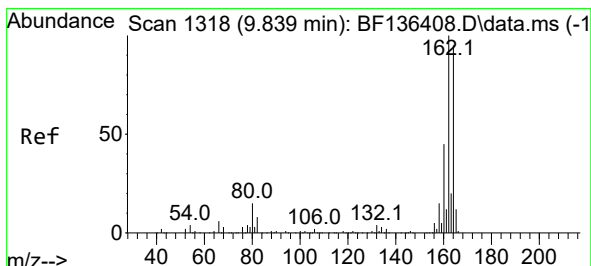
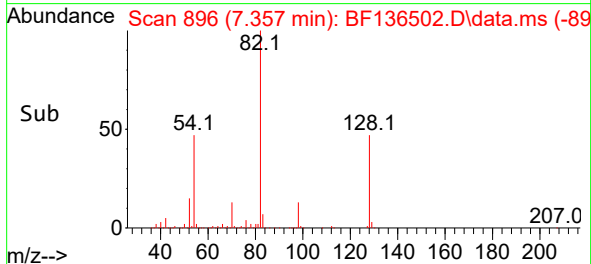
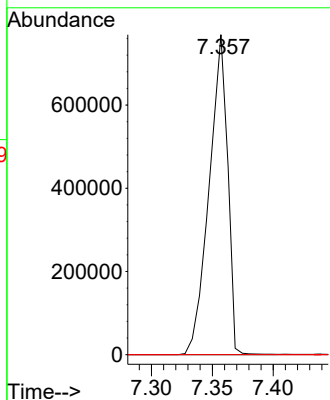
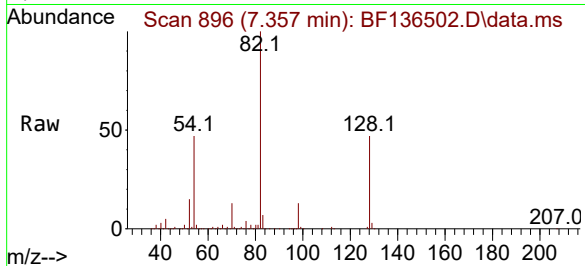




#25
Isophorone
Concen: 48.829 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

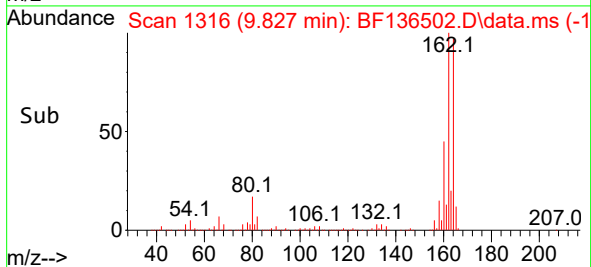
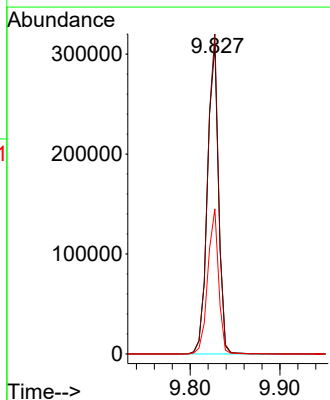
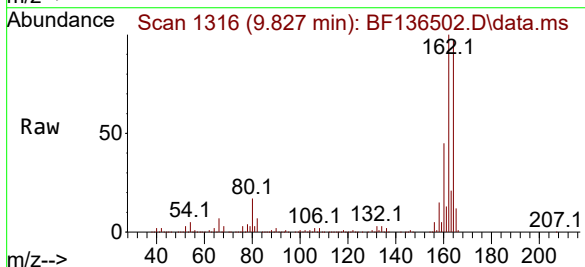
Instrument :
BNA_F
ClientSampleId :
E8965C-CC-001

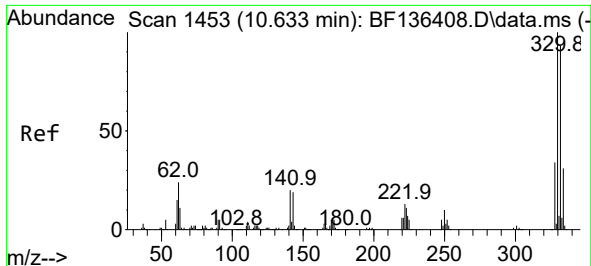
Tgt Ion: 82 Resp: 812516
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

Tgt Ion:164 Resp: 265475
Ion Ratio Lower Upper
164 100
162 103.6 84.4 126.6
160 47.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 129.580 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136502.D

Acq: 11 Dec 2023 21:24

Instrument :

BNA_F

ClientSampleId :

E8965C-CC-001

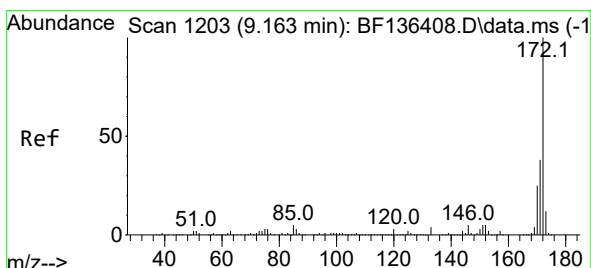
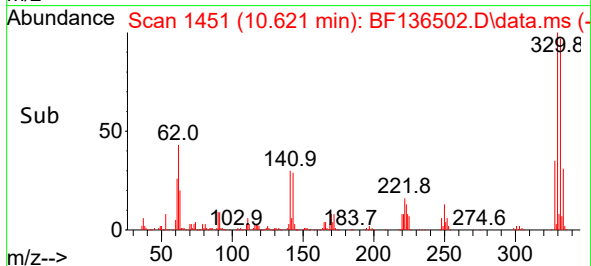
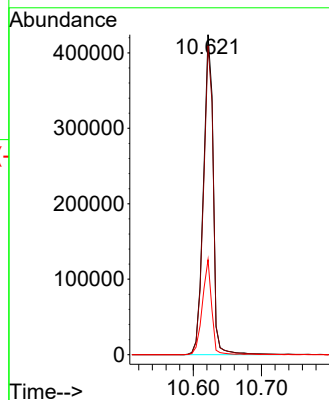
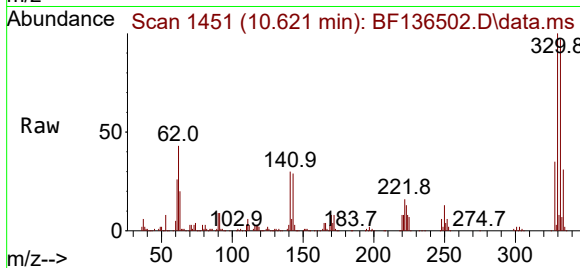
Tgt Ion:330 Resp: 424157

Ion Ratio Lower Upper

330 100

332 96.6 76.4 114.6

141 28.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.929 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136502.D

Acq: 11 Dec 2023 21:24

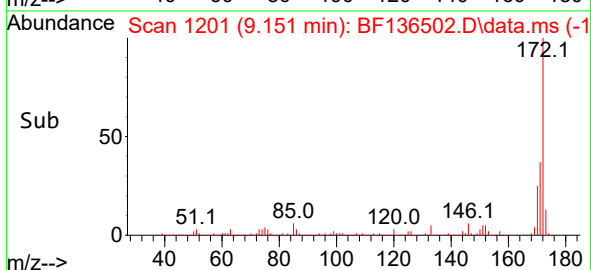
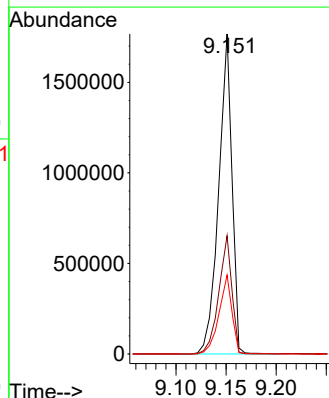
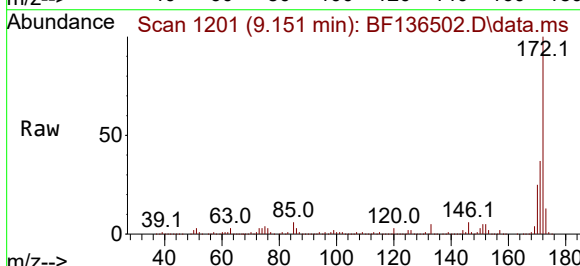
Tgt Ion:172 Resp: 1632913

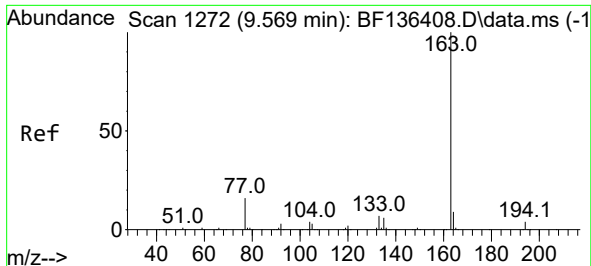
Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

170 24.7 19.9 29.9

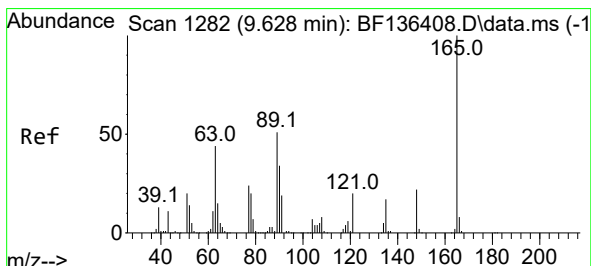
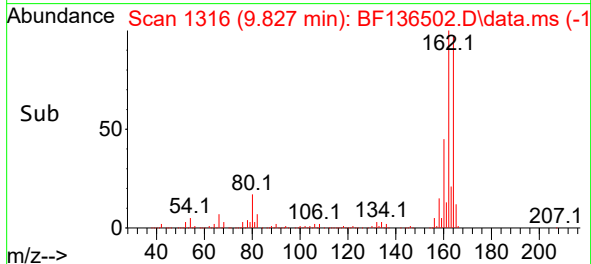
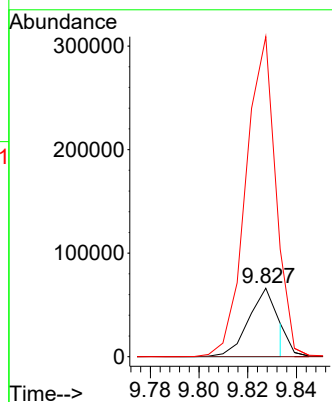
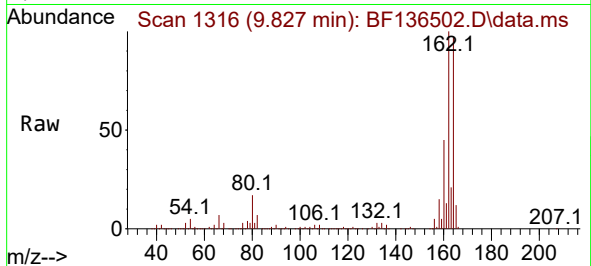




#50
Dimethylphthalate
Concen: 2.824 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

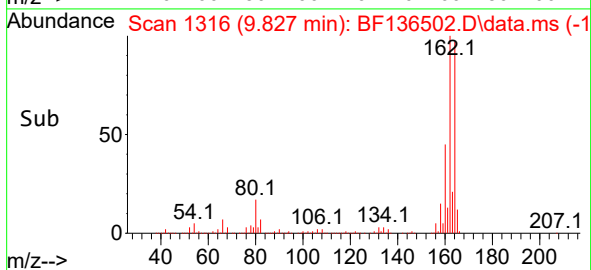
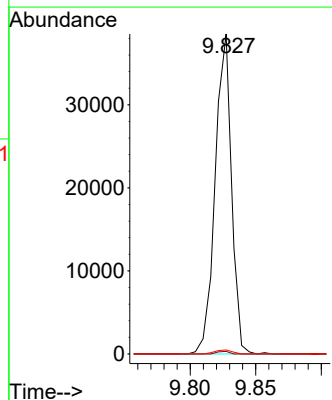
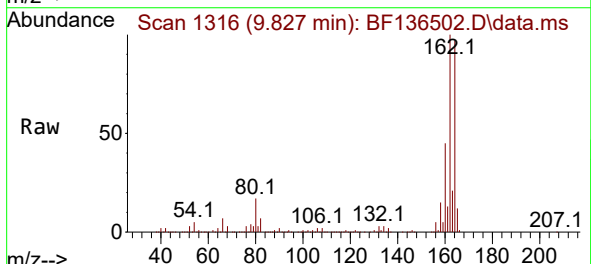
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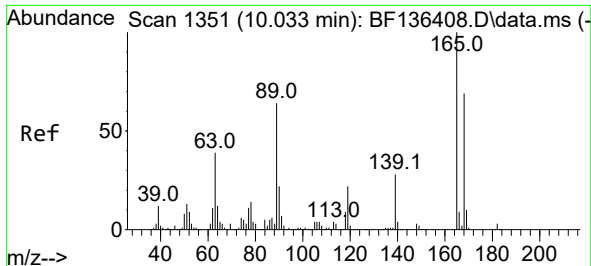
Tgt Ion:163 Resp: 55202
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 466.9 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.584 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

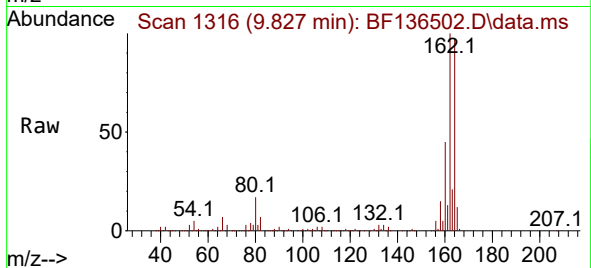
Tgt Ion:165 Resp: 33349
Ion Ratio Lower Upper
165 100
63 0.8 40.4 60.6#
89 1.3 40.6 60.8#



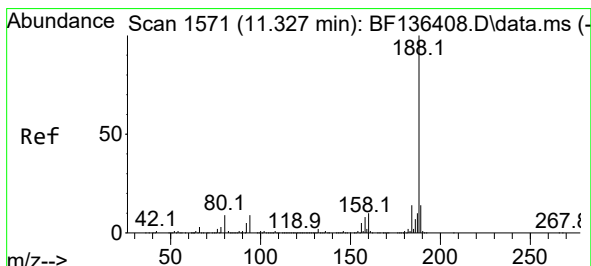
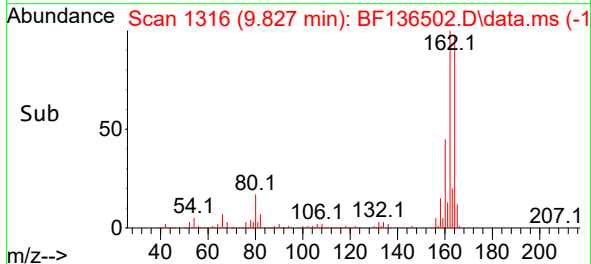
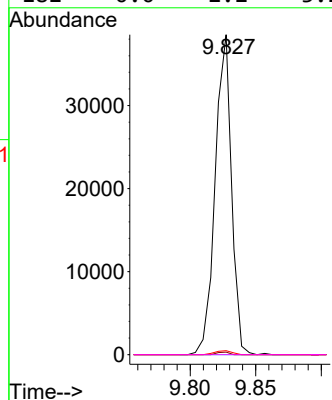


#57
2,4-Dinitrotoluene
Concen: 5.733 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

Instrument :
BNA_F
ClientSampleId :
E8965C-CC-001

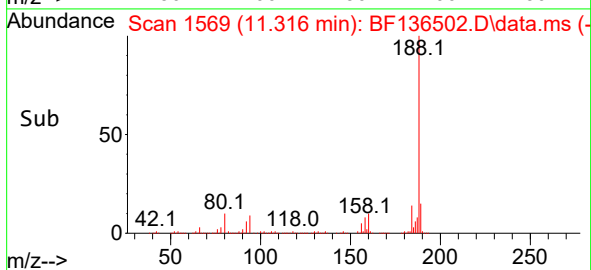
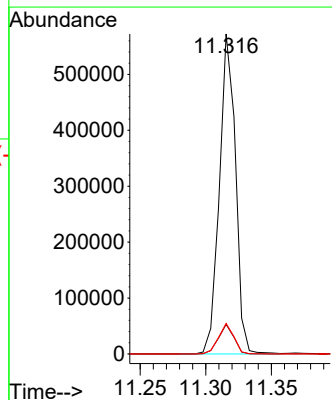
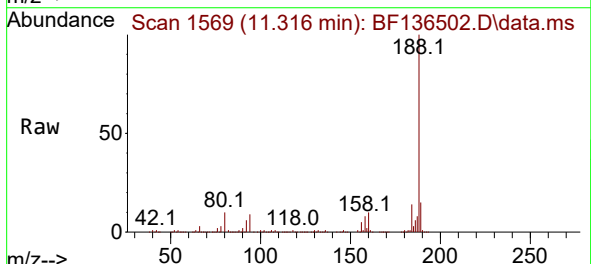


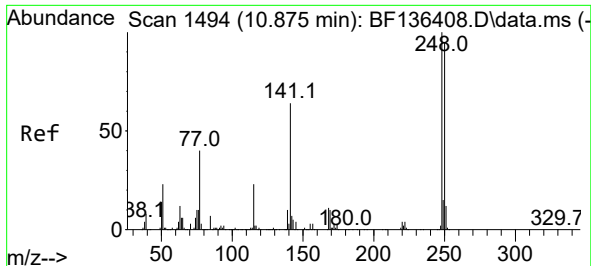
Tgt Ion:165 Resp: 33349
Ion Ratio Lower Upper
165 100
63 0.8 31.4 47.2#
89 1.3 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

Tgt Ion:188 Resp: 488051
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.6 7.2 10.8

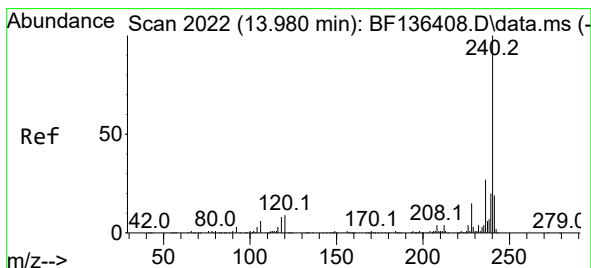
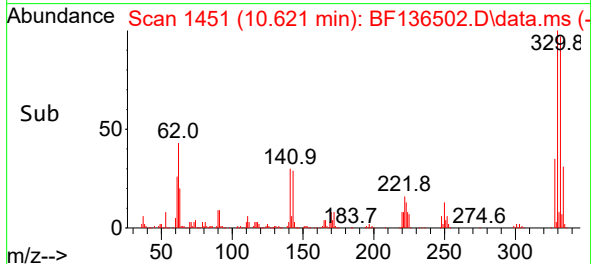
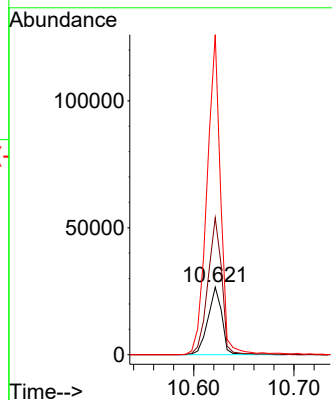
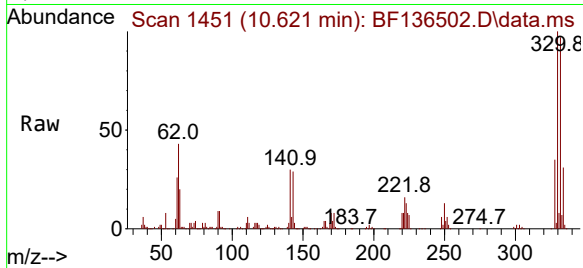




#67
4-Bromophenyl-phenylether
Concen: 4.565 ng
RT: 10.621 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

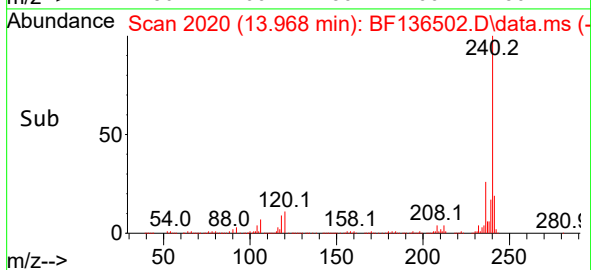
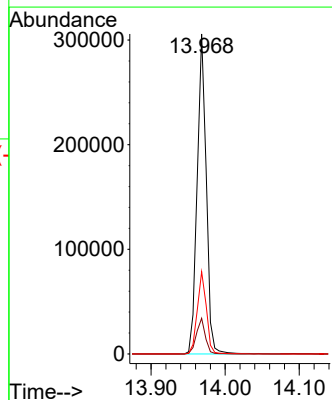
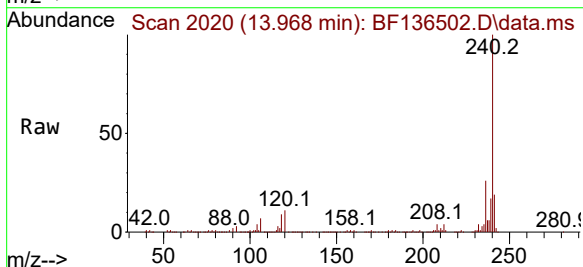
Instrument :
BNA_F
ClientSampleId :
E8965C-CC-001

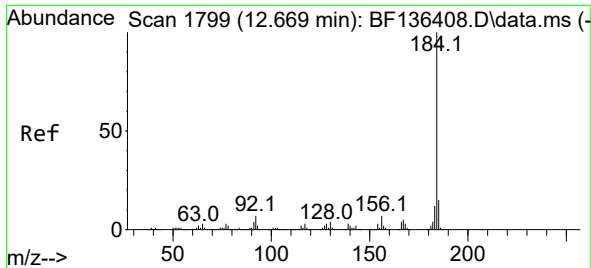
Tgt Ion:248 Resp: 25906
Ion Ratio Lower Upper
248 100
250 202.9 76.2 114.2#
141 474.2 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

Tgt Ion:240 Resp: 260774
Ion Ratio Lower Upper
240 100
120 11.1 7.3 10.9#
236 25.7 21.3 31.9

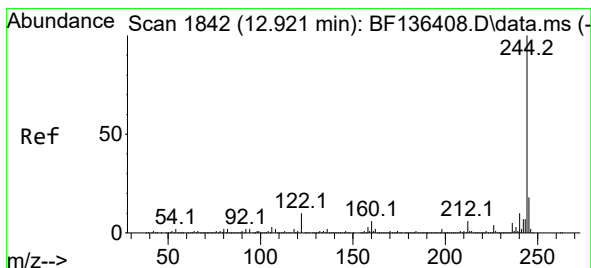
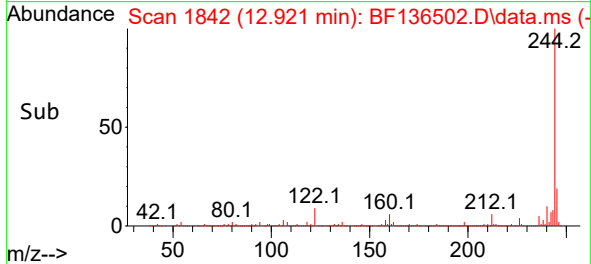
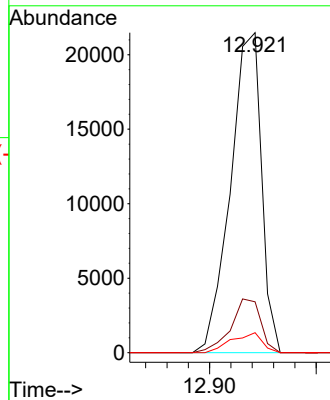
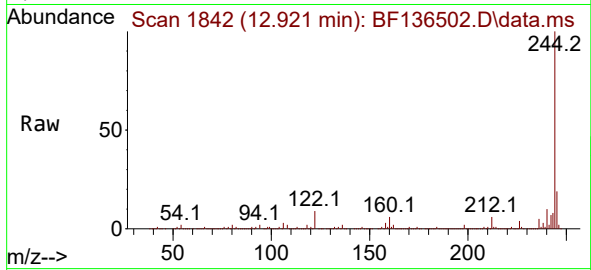




#77
Benzidine
Concen: 5.263 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.252 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

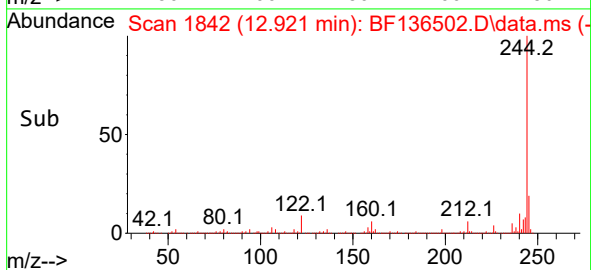
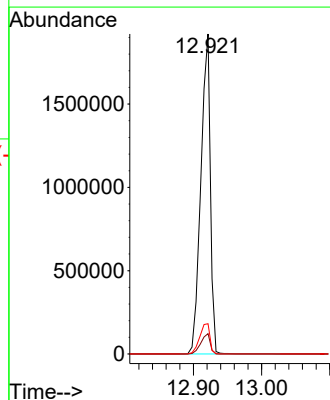
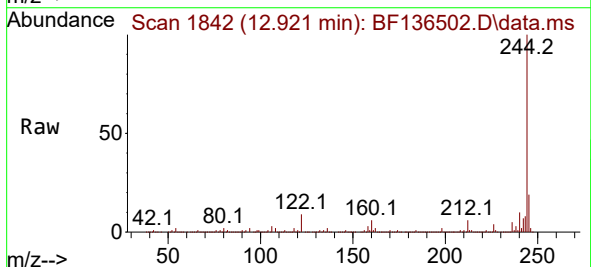
Instrument :
BNA_F
ClientSampleId :
E8965C-CC-001

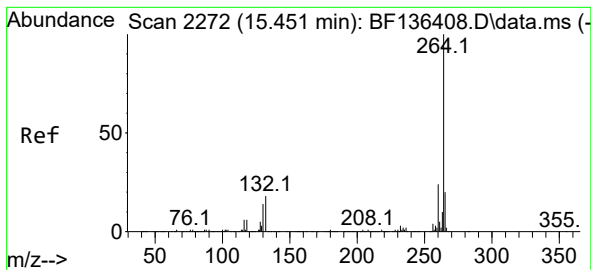
Tgt Ion:184 Resp: 21763
Ion Ratio Lower Upper
184 100
185 15.9 12.0 18.0
183 6.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 94.013 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136502.D
Acq: 11 Dec 2023 21:24

Tgt Ion:244 Resp: 1860034
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 9.5 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: BF136502.D
Acq: 11 Dec 2023 21:24

Instrument :
BNA_F
ClientSampleId :
E8965C-CC-001

Tgt Ion:264 Resp: 252290

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.9	15.9	23.9

