

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136567.D
 Acq On : 14 Dec 2023 14:31
 Operator : CG\JU
 Sample : PB157494BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 14:50:20 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)

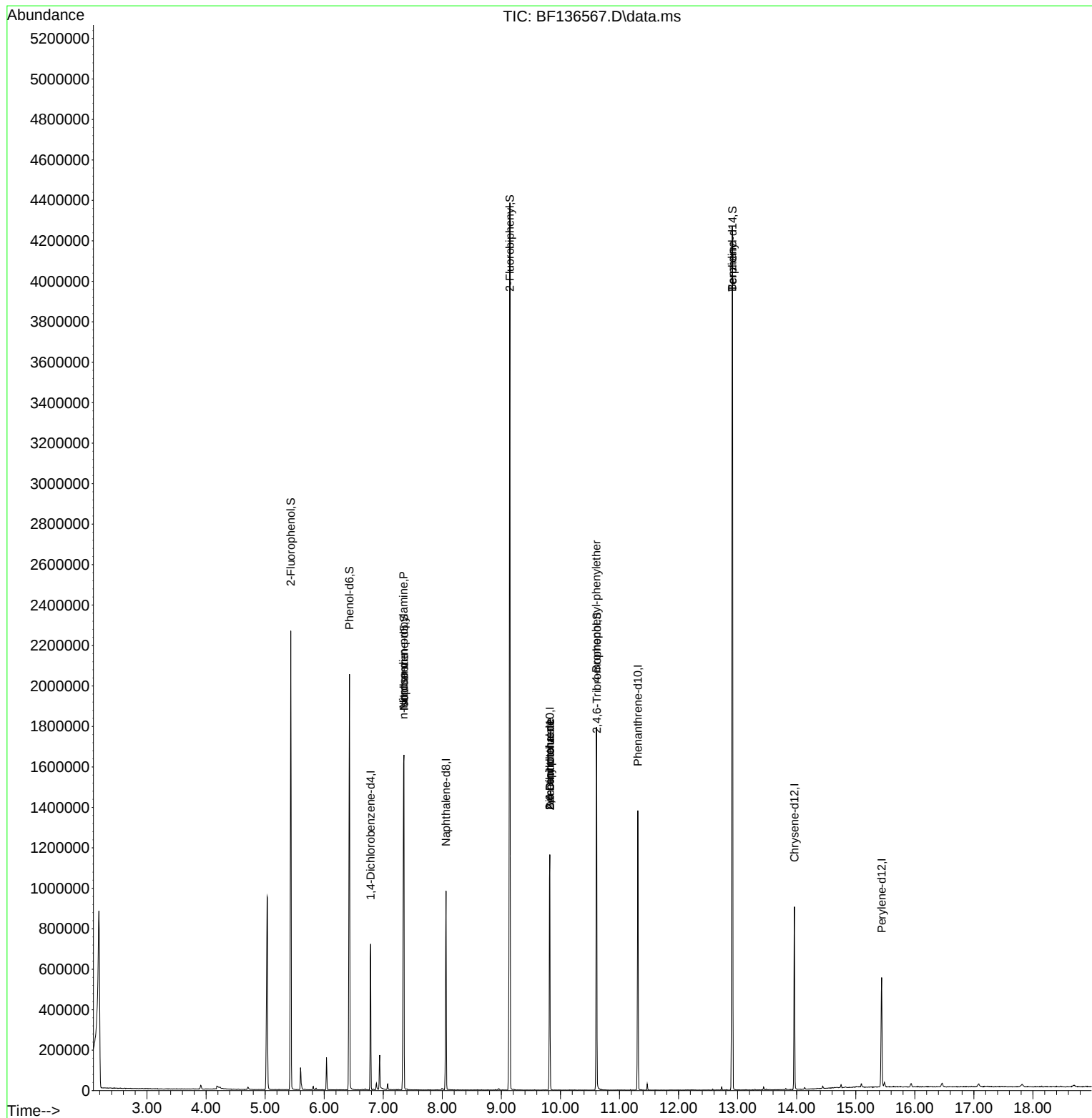
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	109730	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	452454	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	242131	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	485541	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	303596	20.000	ng	-0.02
86) Perylene-d12	15.439	264	247302	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	629894	84.776	ng	0.00
7) Phenol-d6	6.428	99	769489	83.007	ng	-0.02
23) Nitrobenzene-d5	7.351	82	676498	80.830	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	242531	81.236	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1434169	80.821	ng	-0.02
79) Terphenyl-d14	12.916	244	1839254	79.850	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	1162	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	88630	16.574	ng	# 77
25) Isophorone	7.351	82	674807	44.878	ng	# 65
50) Dimethylphthalate	9.822	163	51102	2.867	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	31551	7.867	ng	# 28
57) 2,4-Dinitrotoluene	9.822	165	31551	5.947	ng	# 28
67) 4-Bromophenyl-phenylether	10.610	248	14487	2.566	ng	# 1
77) Benzidine	12.910	184	21127	3.702	ng	# 91

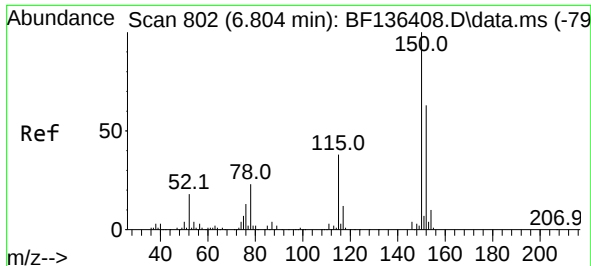
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136567.D
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Operator : CG\JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

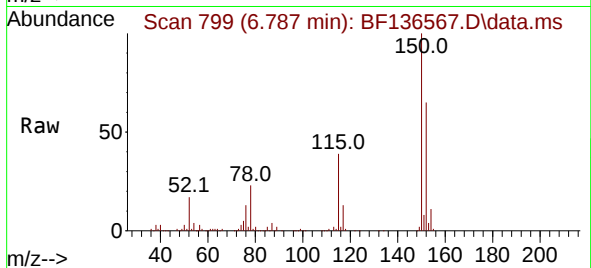
Quant Time: Dec 14 14:50:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration



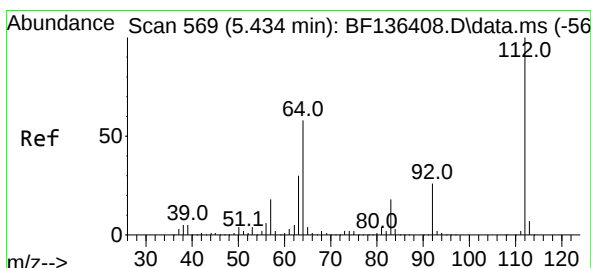
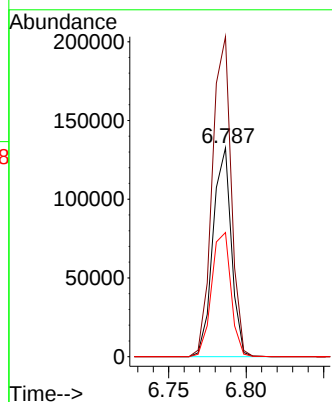
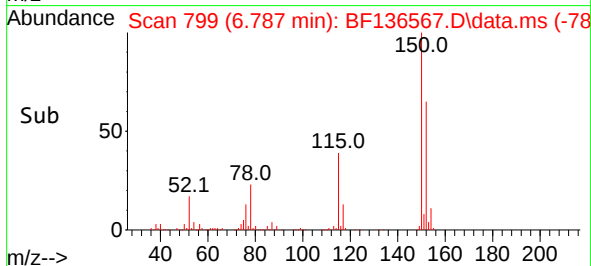


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

Instrument :
BNA_F
ClientSampleId :

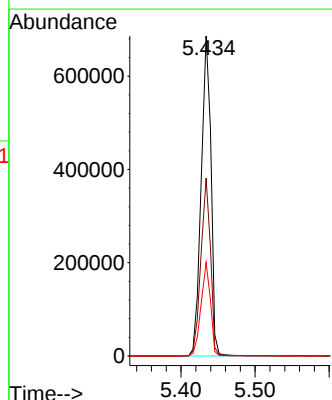
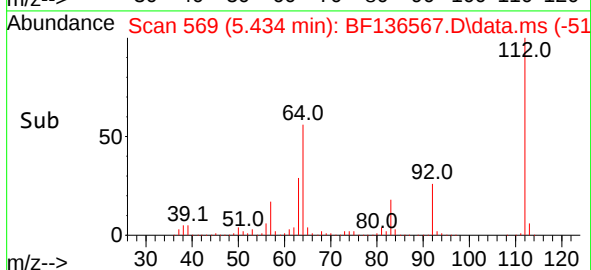
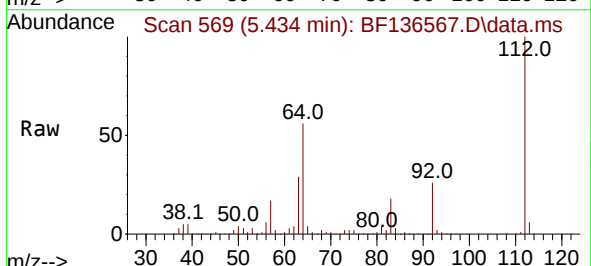


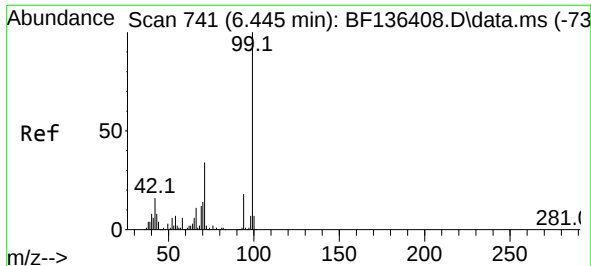
Tgt Ion:152 Resp: 109730
Ion Ratio Lower Upper
152 100
150 153.3 126.4 189.6
115 59.5 48.2 72.4



#5
2-Fluorophenol
Concen: 84.776 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

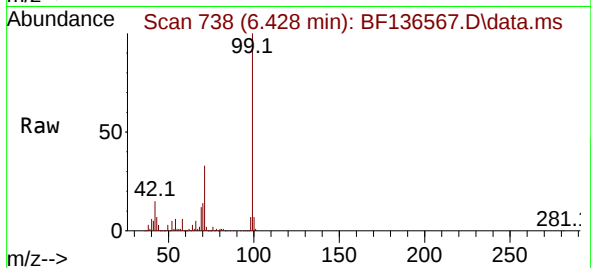
Tgt Ion:112 Resp: 629894
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 29.3 23.9 35.9



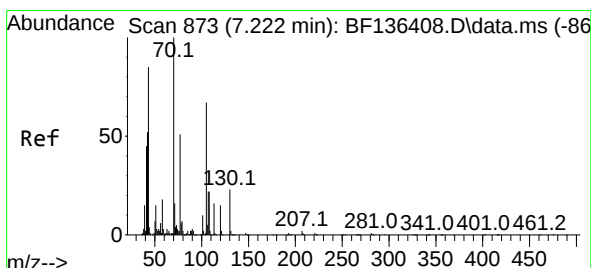
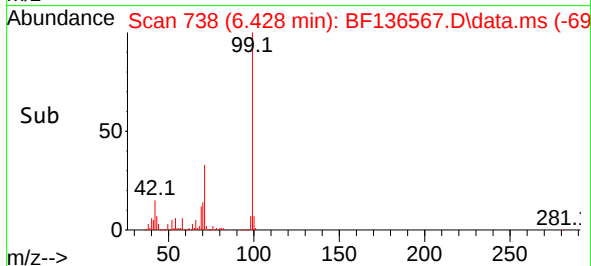
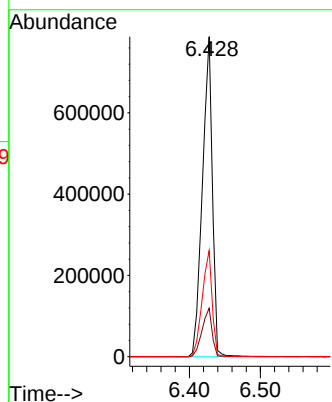


#7
Phenol-d6
Concen: 83.007 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

Instrument :
BNA_F
ClientSampleId :

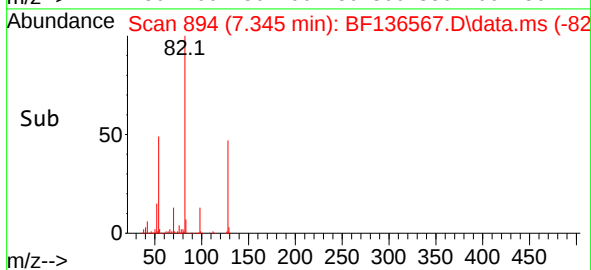
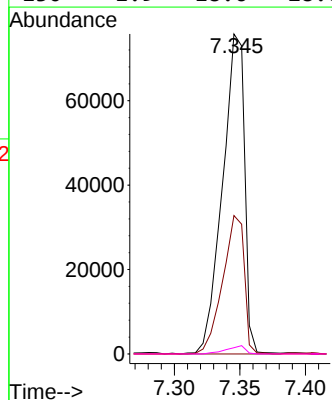
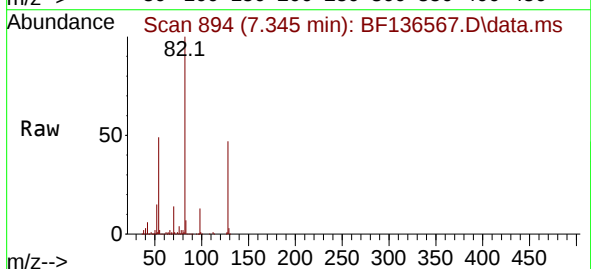


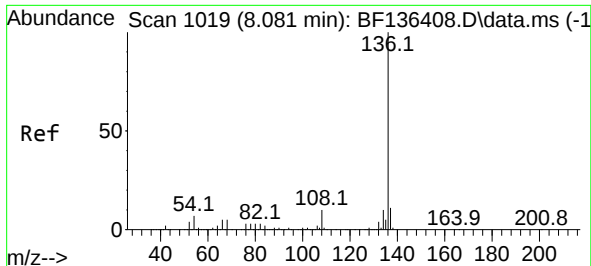
Tgt Ion: 99 Resp: 769489
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.1 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.574 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.124 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

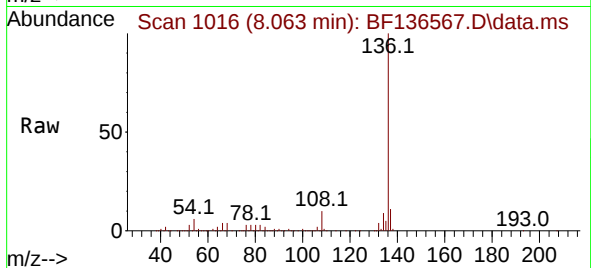
Tgt Ion: 70 Resp: 88630
Ion Ratio Lower Upper
70 100
42 43.2 41.4 62.0
101 0.0 8.2 12.4#
130 1.9 18.6 28.0#



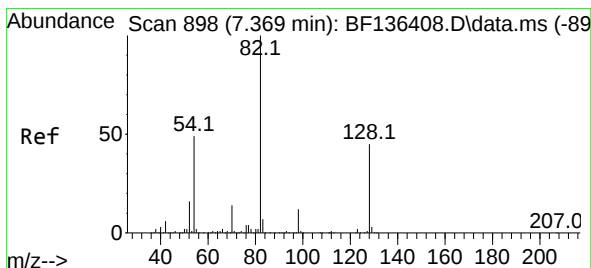
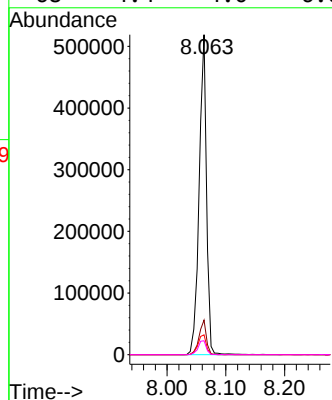
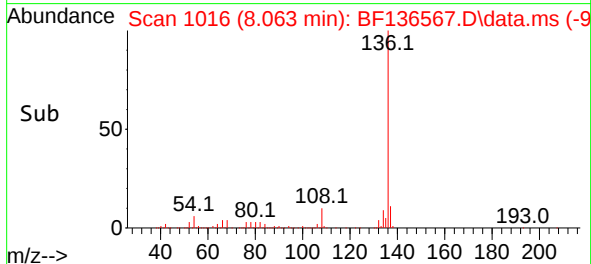


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

Instrument :
BNA_F
ClientSampleId :

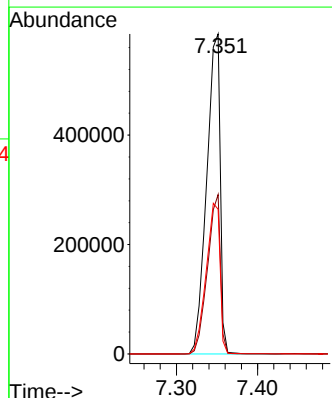
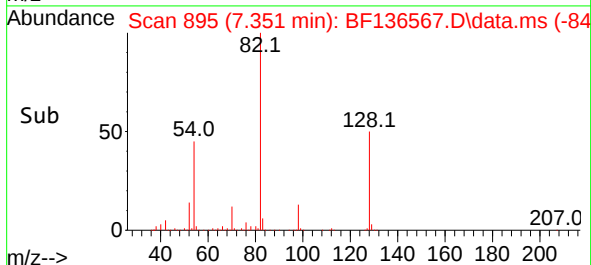
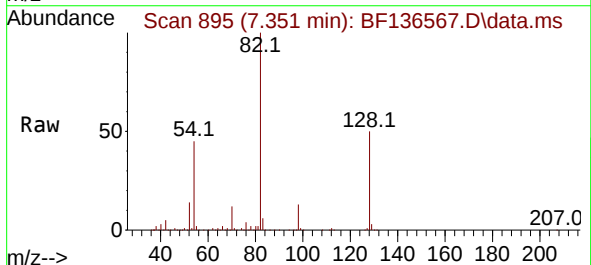


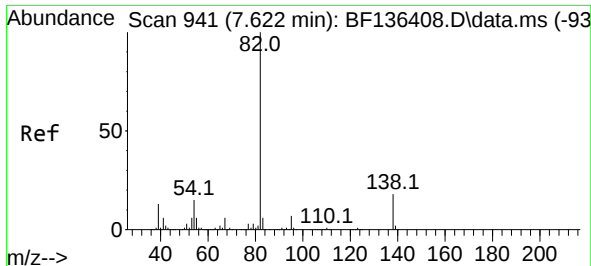
Tgt Ion:136 Resp: 452454
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.2 5.7 8.5
68 4.4 4.0 6.0



#23
Nitrobenzene-d5
Concen: 80.830 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

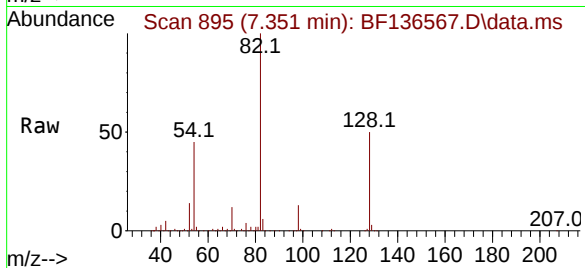
Tgt Ion: 82 Resp: 676498
Ion Ratio Lower Upper
82 100
128 49.8 36.3 54.5
54 45.2 39.0 58.6



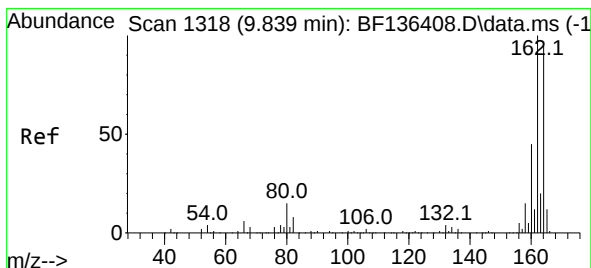
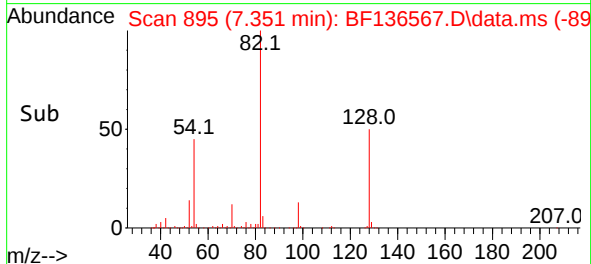
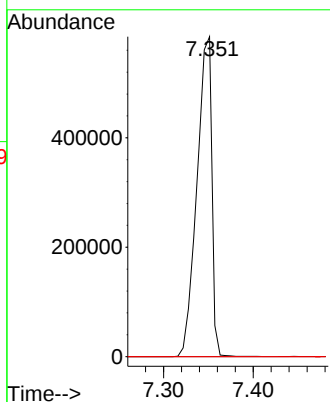


#25
Isophorone
Concen: 44.878 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

Instrument :
BNA_F
ClientSampleId :

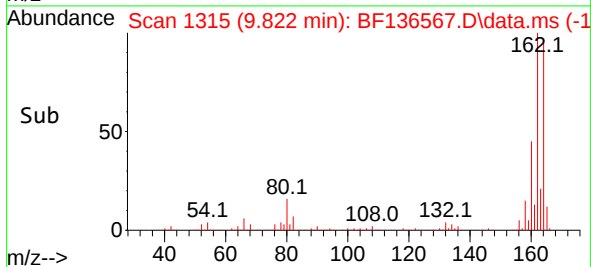
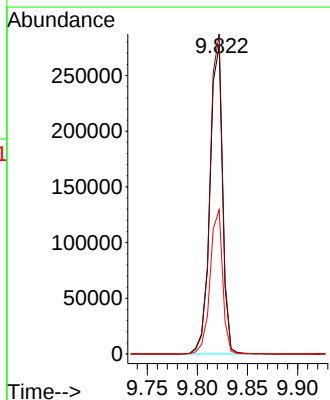
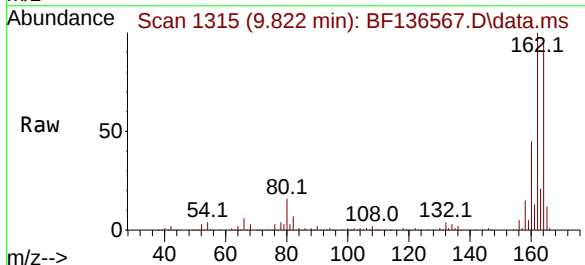


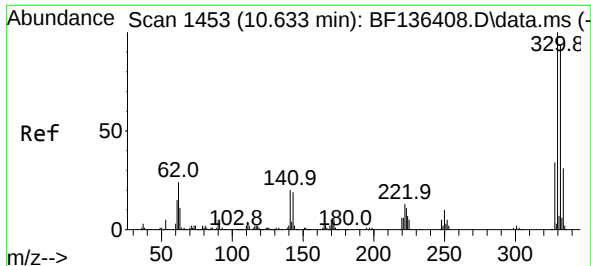
Tgt Ion: 82 Resp: 674807
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

Tgt Ion:164 Resp: 242131
Ion Ratio Lower Upper
164 100
162 103.9 84.4 126.6
160 46.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 81.236 ng

RT: 10.616 min Scan# 1453

Delta R.T. -0.018 min

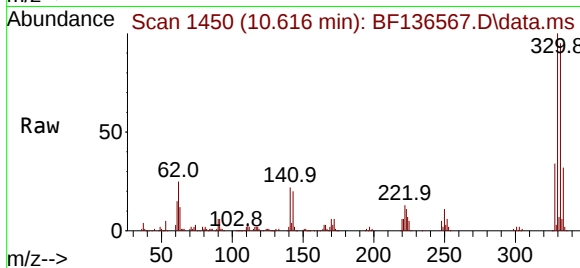
Lab File: BF136567.D

Acq: 14 Dec 2023 14:31

Instrument :

BNA_F

ClientSampleId :



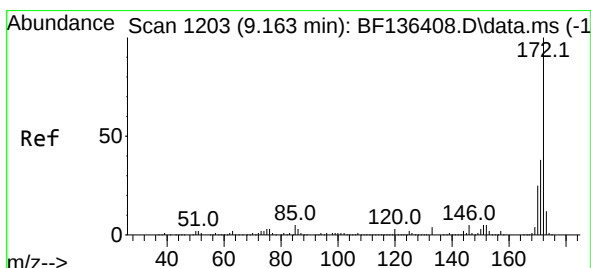
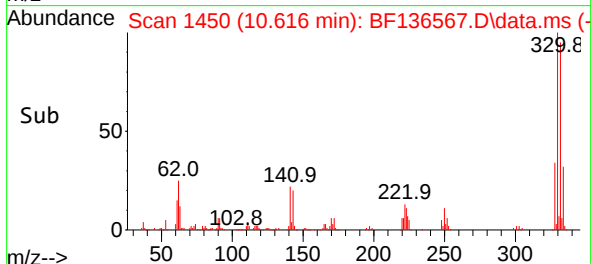
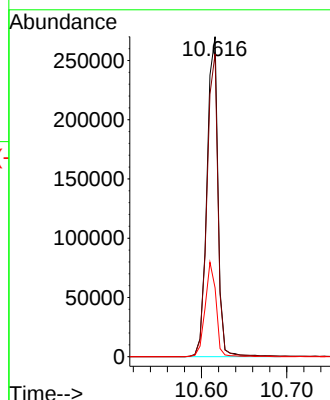
Tgt Ion:330 Resp: 242531

Ion Ratio Lower Upper

330 100

332 94.9 76.4 114.6

141 29.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 80.821 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF136567.D

Acq: 14 Dec 2023 14:31

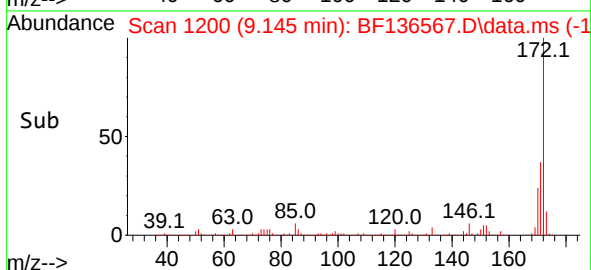
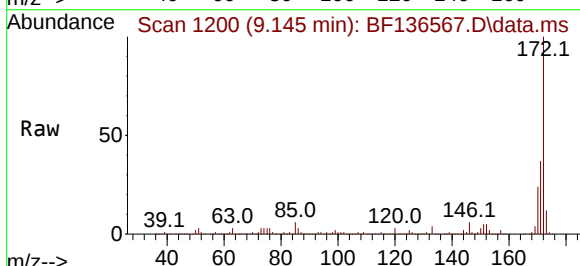
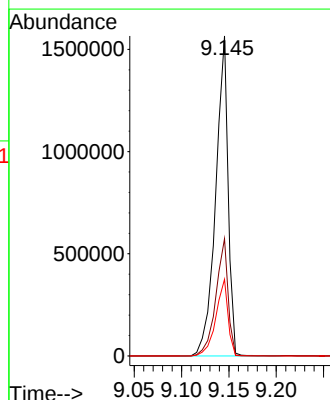
Tgt Ion:172 Resp: 1434169

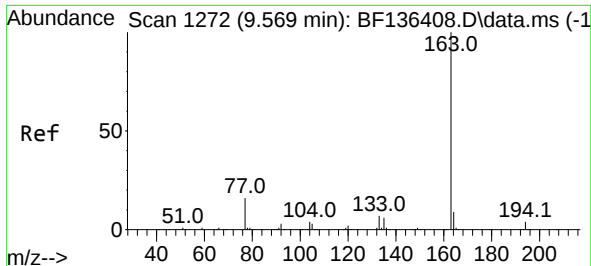
Ion Ratio Lower Upper

172 100

171 36.7 30.5 45.7

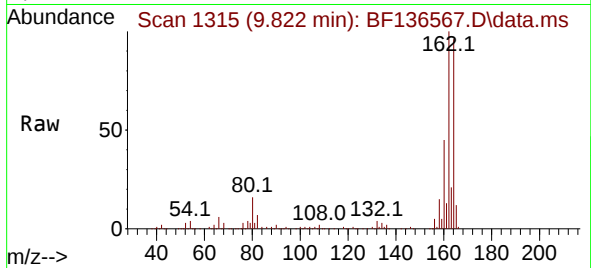
170 23.9 19.9 29.9



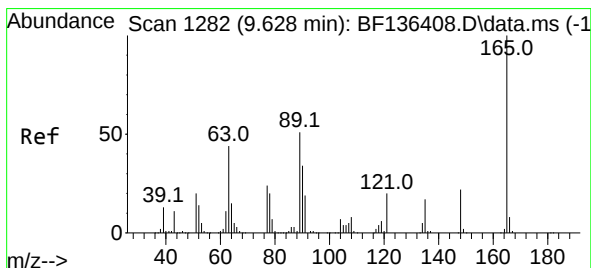
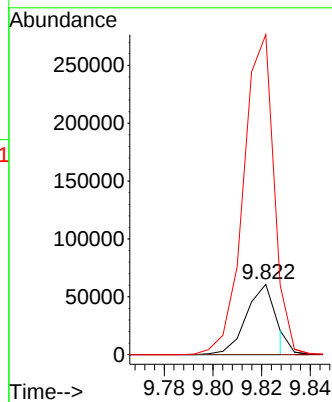
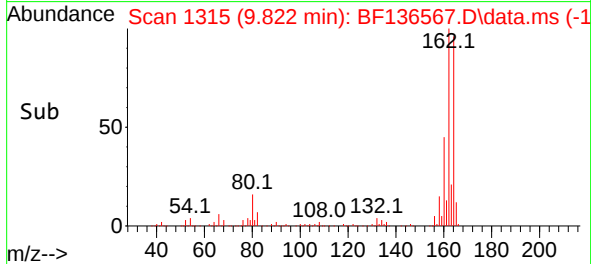


#50
Dimethylphthalate
Concen: 2.867 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.253 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

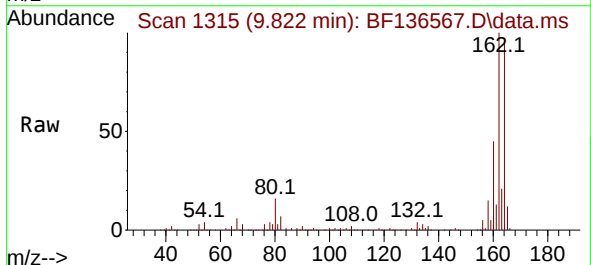
Instrument :
BNA_F
ClientSampleId :



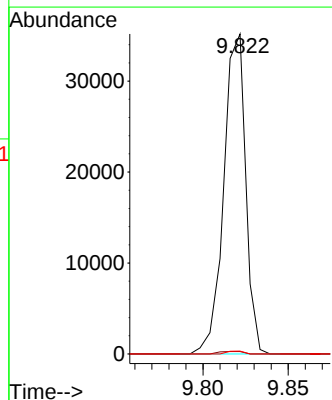
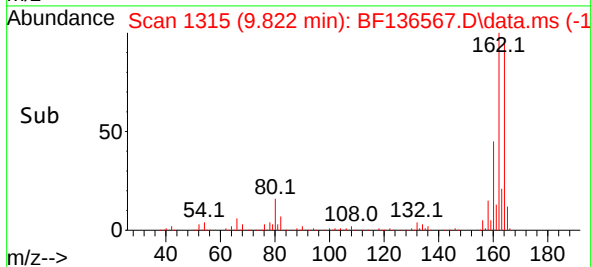
Tgt Ion:163 Resp: 51102
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 454.6 7.4 11.2#

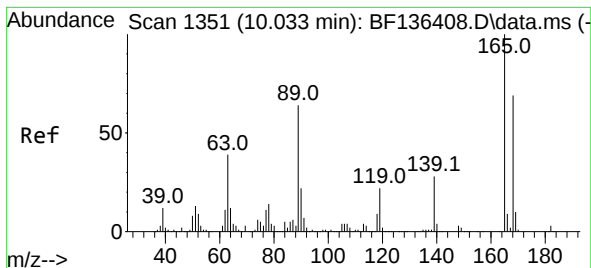


#51
2,6-Dinitrotoluene
Concen: 7.867 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31



Tgt Ion:165 Resp: 31551
Ion Ratio Lower Upper
165 100
63 0.7 40.4 60.6#
89 0.9 40.6 60.8#

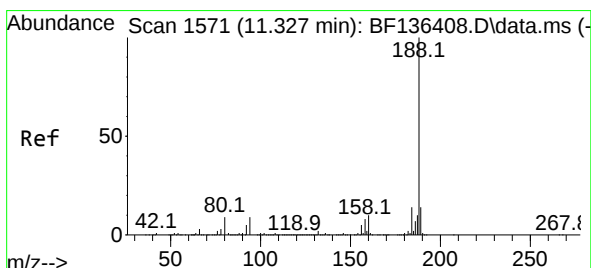
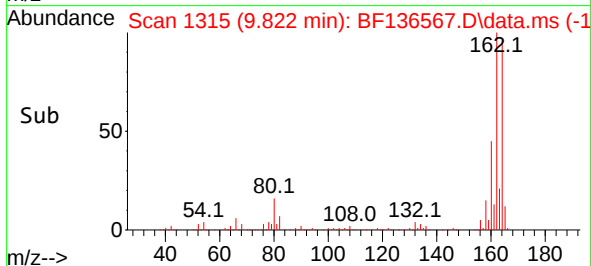
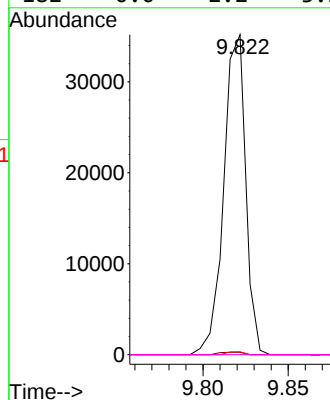
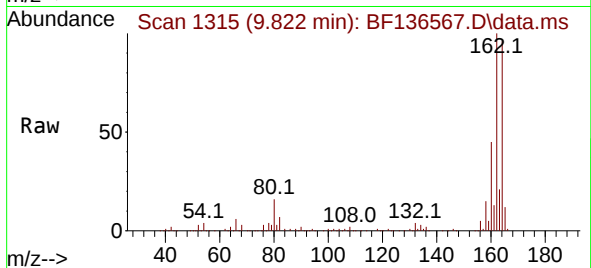




#57
2,4-Dinitrotoluene
Concen: 5.947 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

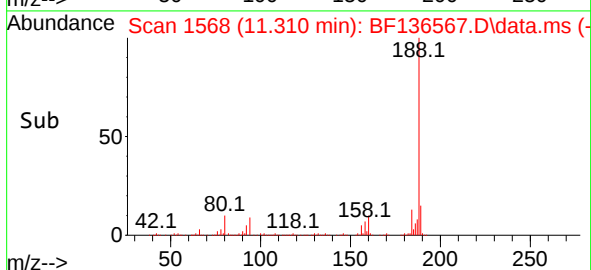
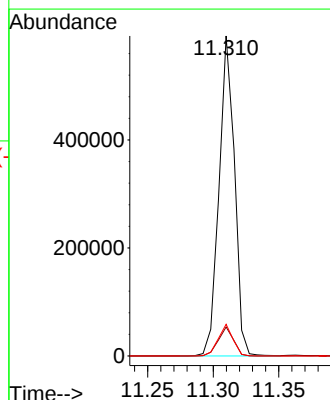
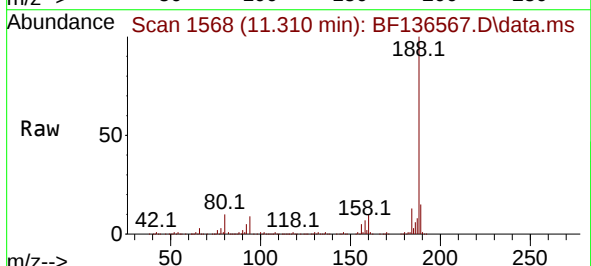
Instrument :
BNA_F
ClientSampleId :

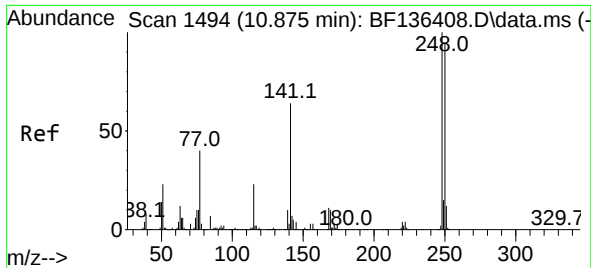
Tgt Ion:165 Resp: 31551
Ion Ratio Lower Upper
165 100
63 0.7 31.4 47.2#
89 0.9 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

Tgt Ion:188 Resp: 485541
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.9 7.2 10.8

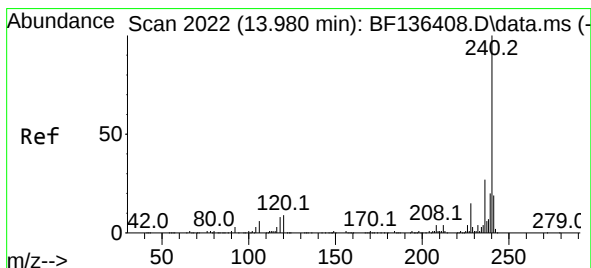
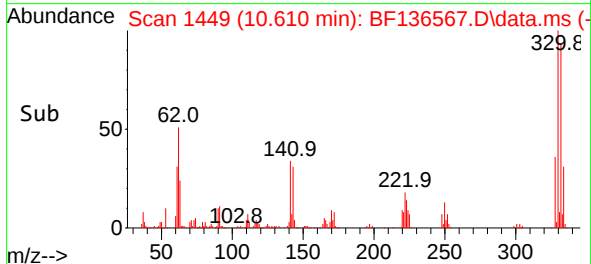
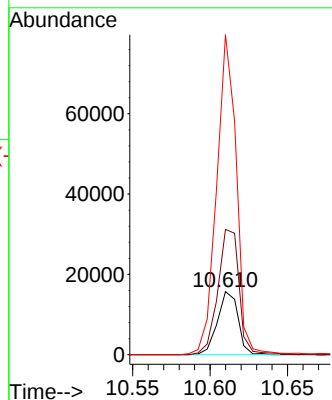
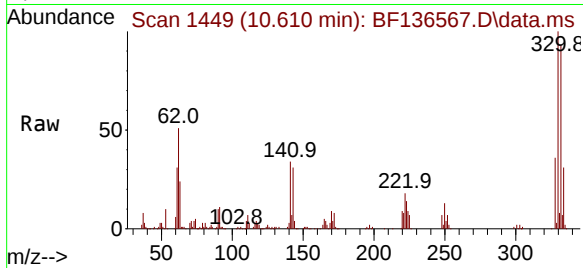




#67
4-Bromophenyl-phenylether
Concen: 2.566 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.265 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

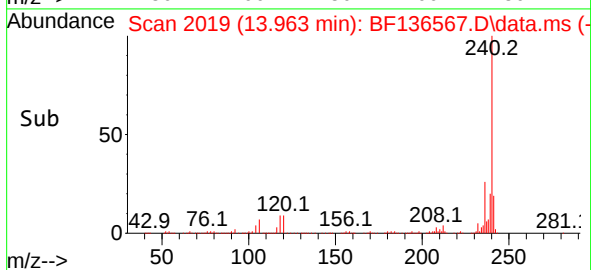
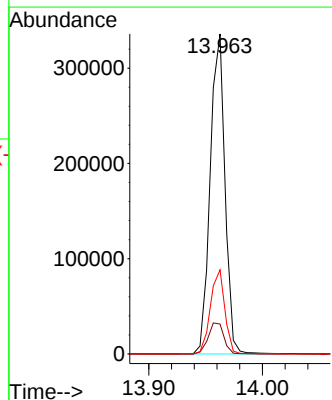
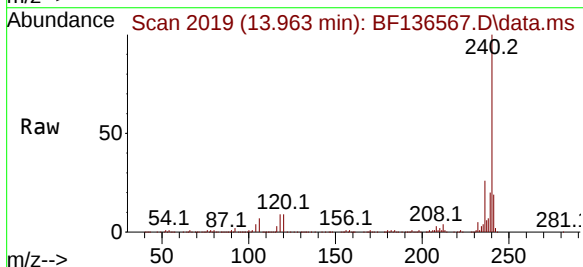
Instrument :
BNA_F
ClientSampleId :

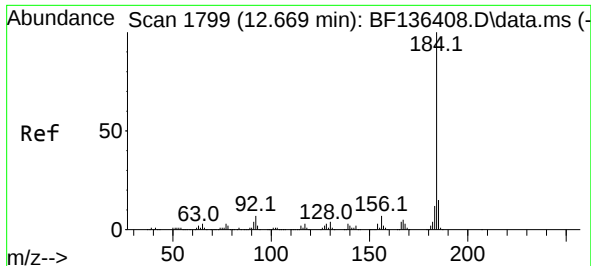
Tgt Ion:248 Resp: 14487
Ion Ratio Lower Upper
248 100
250 198.7 76.2 114.2#
141 507.6 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

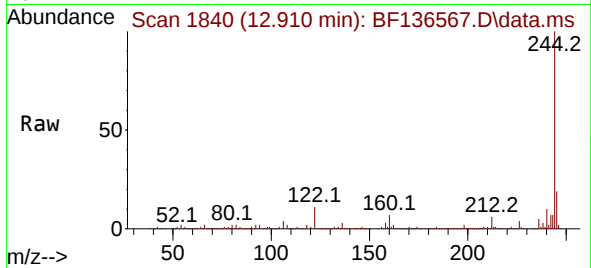
Tgt Ion:240 Resp: 303596
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 26.3 21.3 31.9



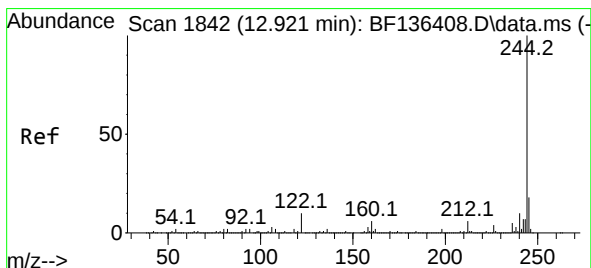
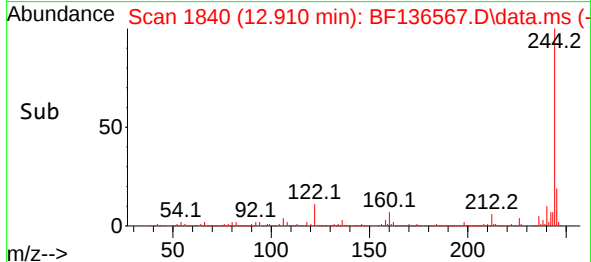
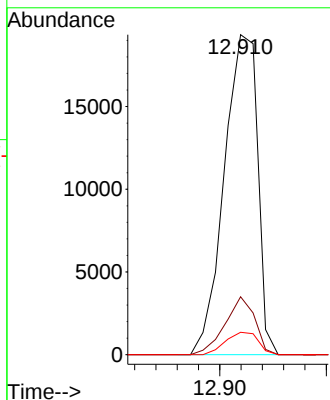


#77
Benzidine
Concen: 3.702 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.241 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

Instrument :
BNA_F
ClientSampleId :

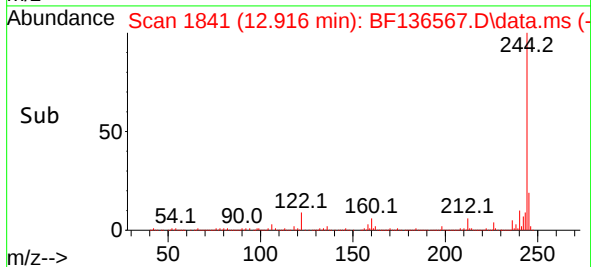
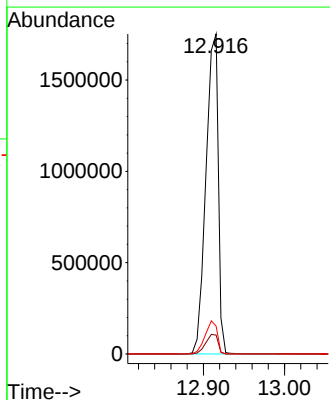
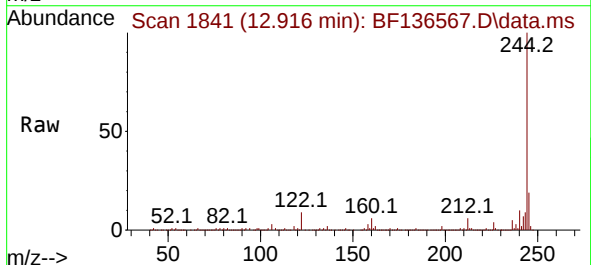


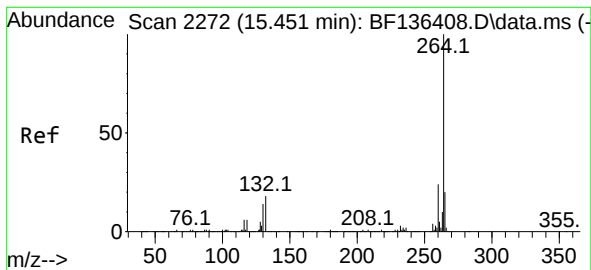
Tgt Ion:184 Resp: 21127
Ion Ratio Lower Upper
184 100
185 18.1 12.0 18.0#
183 7.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 79.850 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136567.D
Acq: 14 Dec 2023 14:31

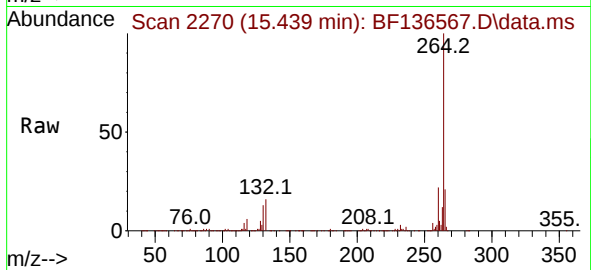
Tgt Ion:244 Resp: 1839254
Ion Ratio Lower Upper
244 100
212 5.9 5.0 7.4
122 8.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF136567.D
 Acq: 14 Dec 2023 14:31

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 247302
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 21.2 15.9 23.9

