

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136564.D
 Acq On : 14 Dec 2023 12:56
 Operator : CG\JU
 Sample : PB157480TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 13:22:04 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)

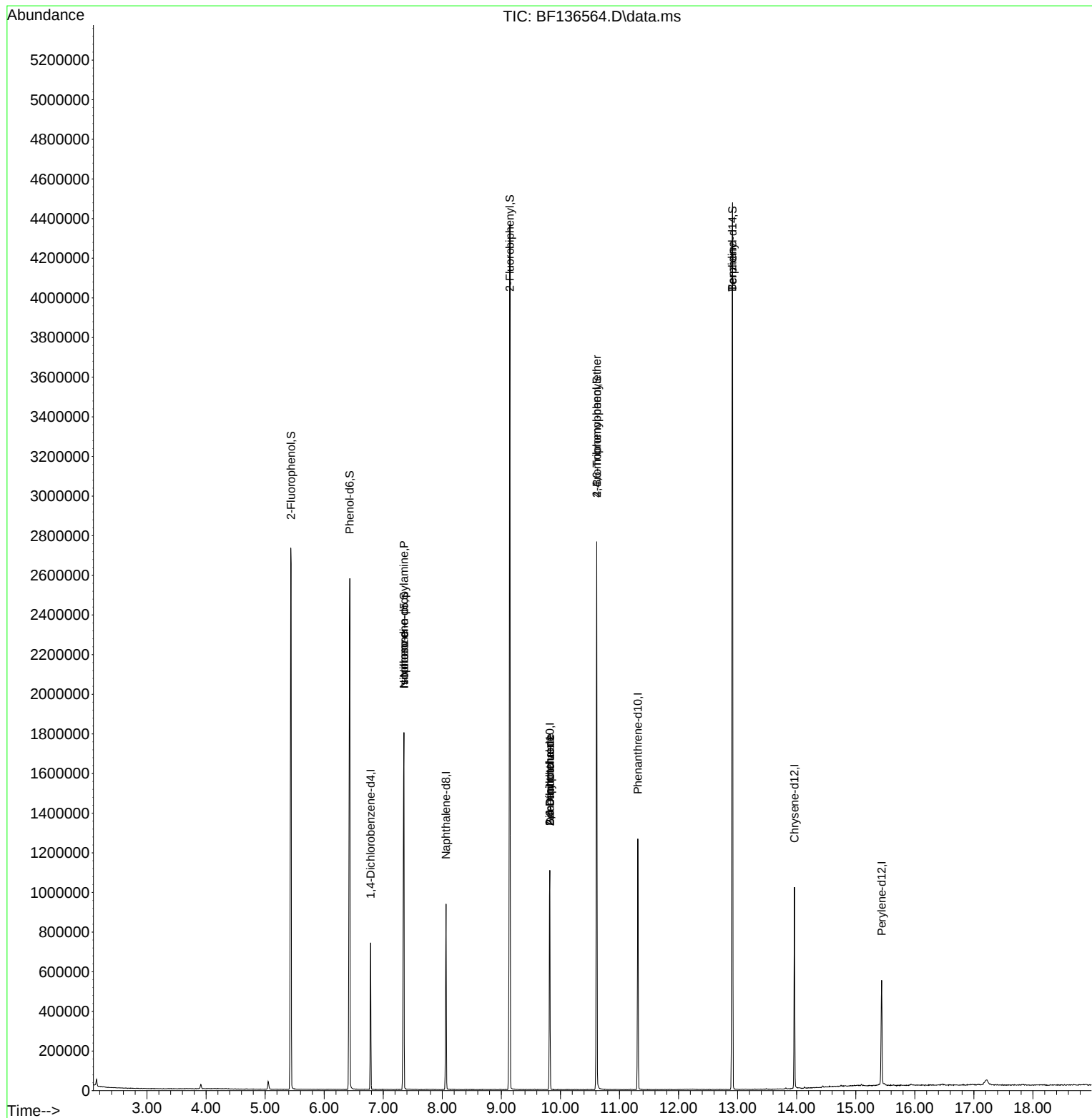
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	106151	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	427328	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	233510	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	458551	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	302091	20.000	ng	-0.02
86) Perylene-d12	15.439	264	243807	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	899353	125.123	ng	0.00
7) Phenol-d6	6.434	99	1099719	122.629	ng	-0.01
23) Nitrobenzene-d5	7.351	82	676371	85.566	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	367660	127.695	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1439951	84.143	ng	-0.02
79) Terphenyl-d14	12.915	244	1844335	80.470	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.434	77	1667	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	87811	16.974	ng	# 76
25) Isophorone	7.351	82	673415	47.419	ng	# 65
50) Dimethylphthalate	9.822	163	48569	2.825	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	29248	7.562	ng	# 29
57) 2,4-Dinitrotoluene	9.822	165	29248	5.716	ng	# 28
67) 4-Bromophenyl-phenylether	10.616	248	22404	4.202	ng	# 1
77) Benzidine	12.910	184	20591	3.527	ng	# 91

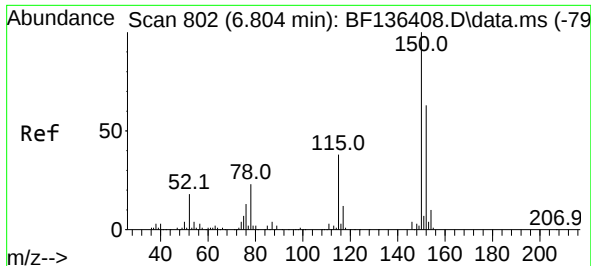
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136564.D
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Operator : CG\JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

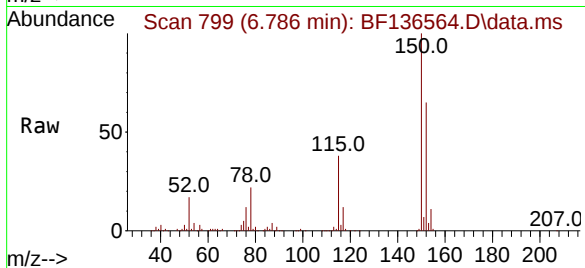
Quant Time: Dec 14 13:22:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration



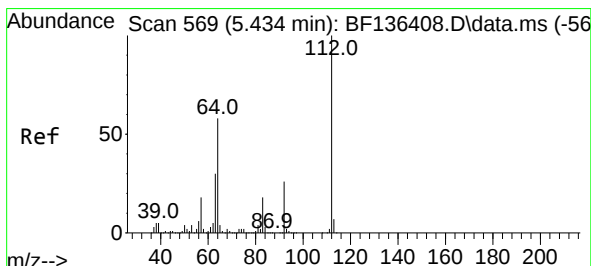
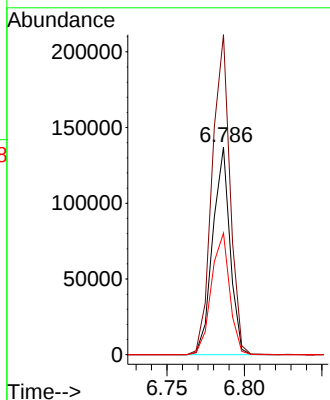
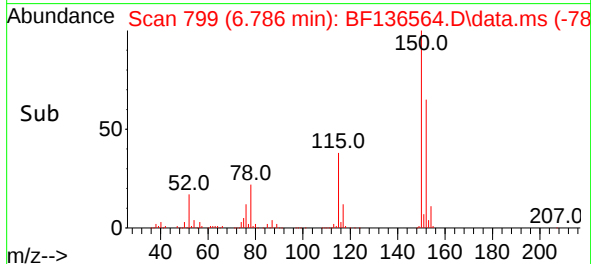


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.018 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

Instrument :
BNA_F
ClientSampleId :

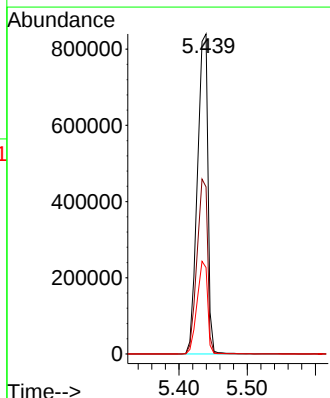
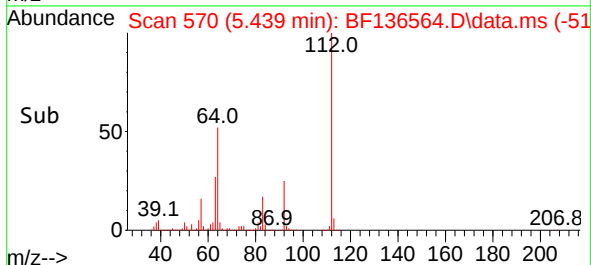
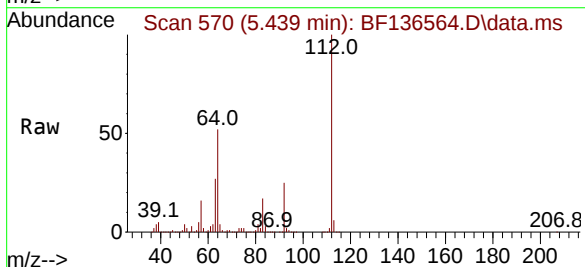


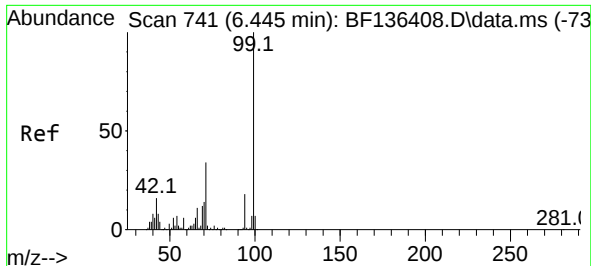
Tgt Ion:152 Resp: 106151
Ion Ratio Lower Upper
152 100
150 154.2 126.4 189.6
115 58.6 48.2 72.4



#5
2-Fluorophenol
Concen: 125.123 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

Tgt Ion:112 Resp: 899353
Ion Ratio Lower Upper
112 100
64 52.2 46.5 69.7
63 27.0 23.9 35.9



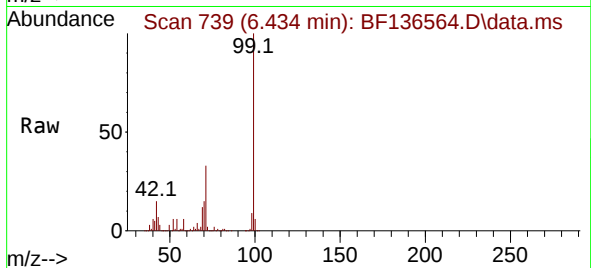


#7
Phenol-d6
Concen: 122.629 ng
RT: 6.434 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

Instrument :

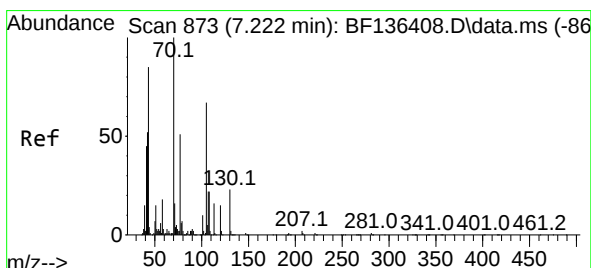
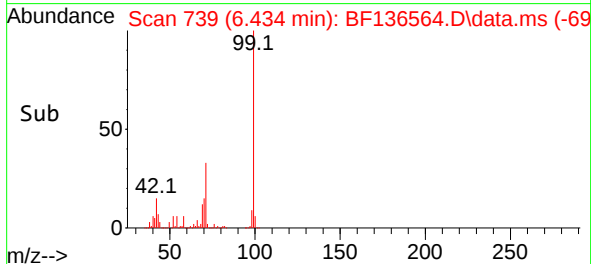
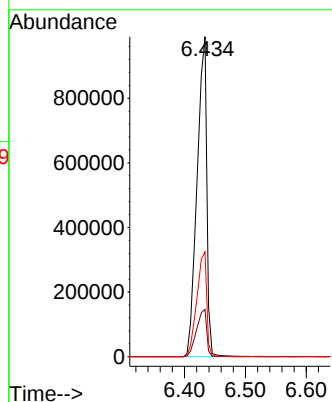
BNA_F

ClientSampleId :



Tgt Ion: 99 Resp: 1099719

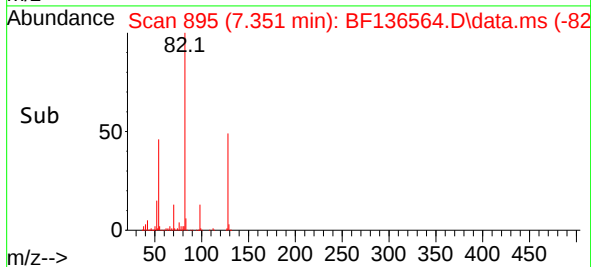
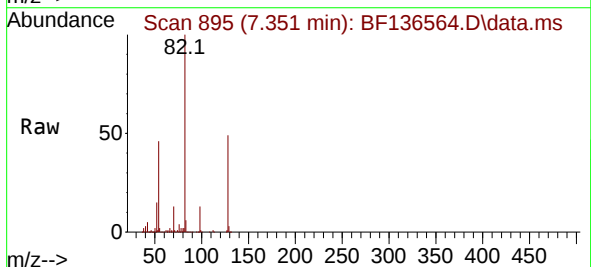
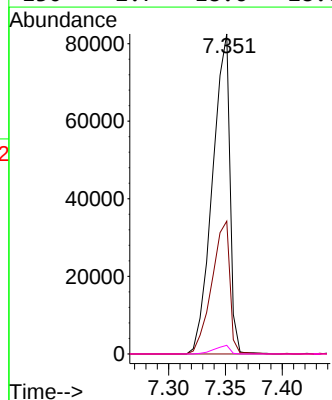
Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.8	19.2
71	32.8	27.0	40.4

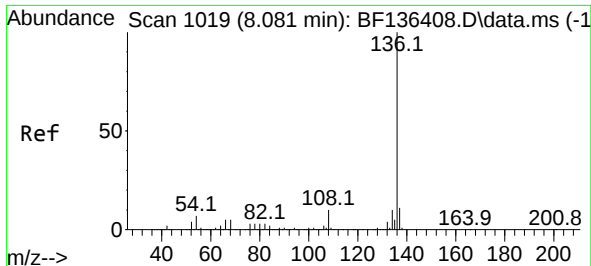


#19
n-Nitroso-di-n-propylamine
Concen: 16.974 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

Tgt Ion: 70 Resp: 87811

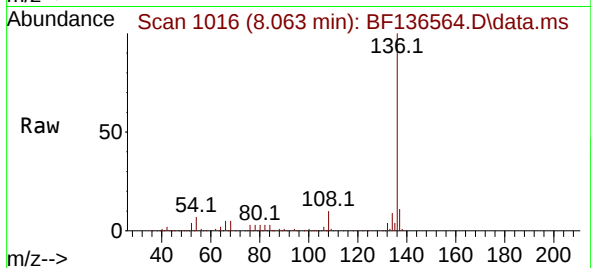
Ion	Ratio	Lower	Upper
70	100		
42	41.5	41.4	62.0
101	0.0	8.2	12.4#
130	2.7	18.6	28.0#



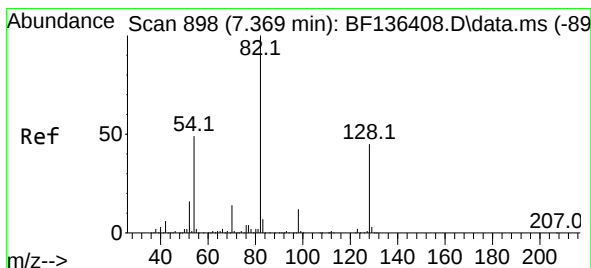
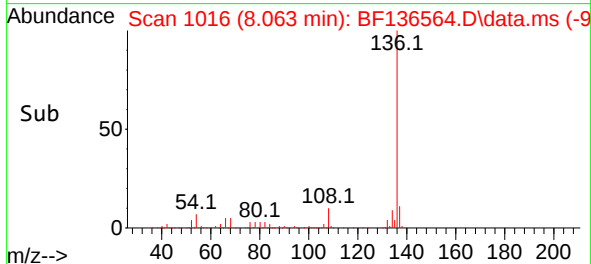
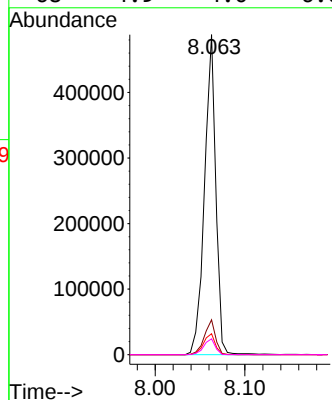


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

Instrument :
BNA_F
ClientSampleId :

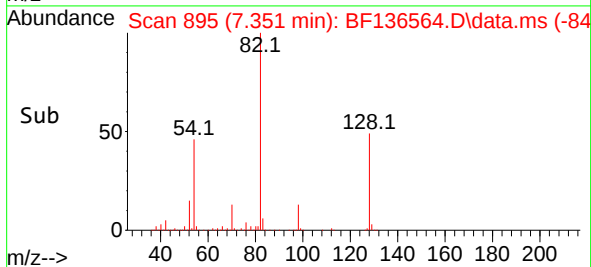
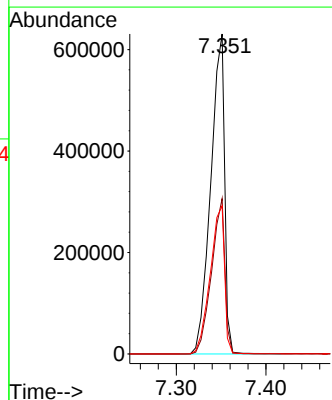
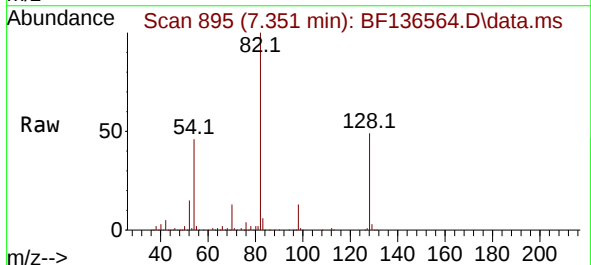


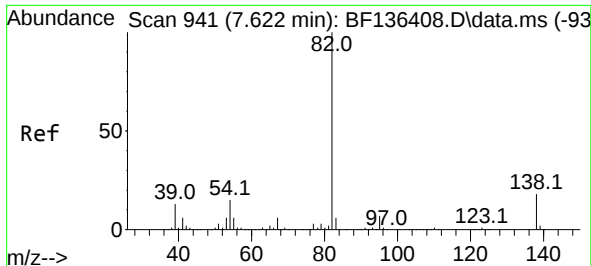
Tgt	Ion:136	Resp:	427328
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.6	5.7	8.5
68	4.9	4.0	6.0



#23
Nitrobenzene-d5
Concen: 85.566 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

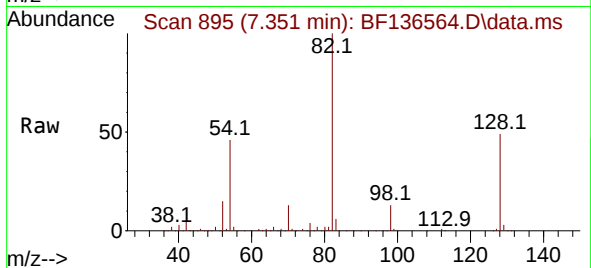
Tgt Ion: 82	Resp: 676371
Ion Ratio	Lower Upper
82 100	
128 48.5	36.3 54.5
54 46.3	39.0 58.6



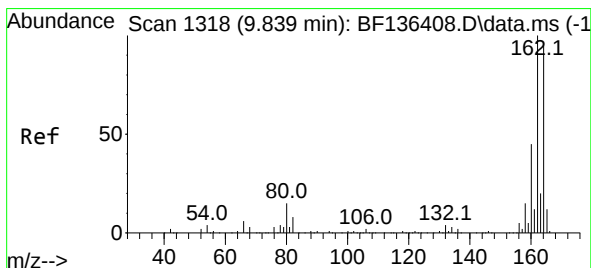
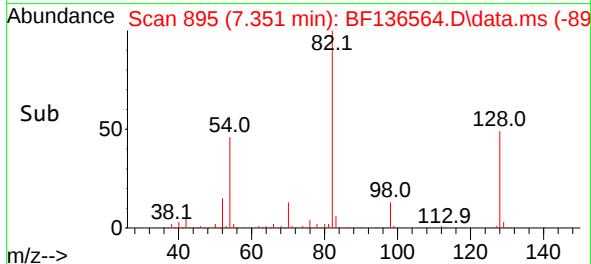
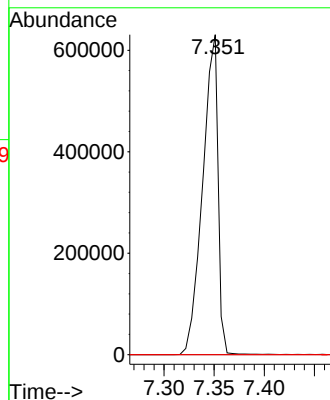


#25
Isophorone
Concen: 47.419 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

Instrument :
BNA_F
ClientSampleId :

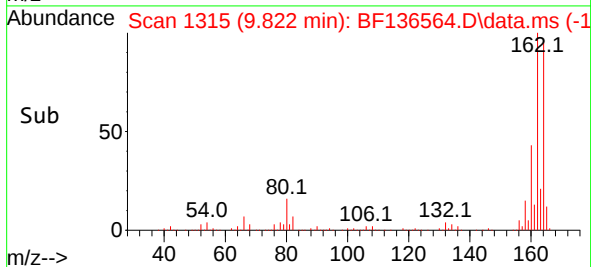
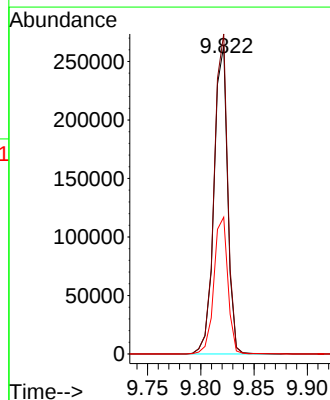
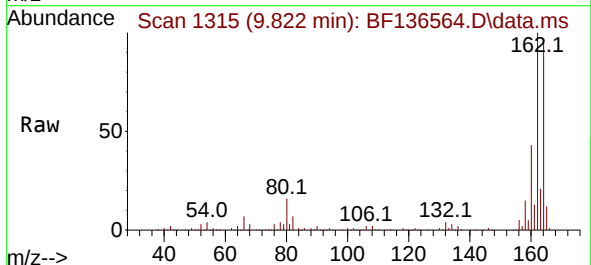


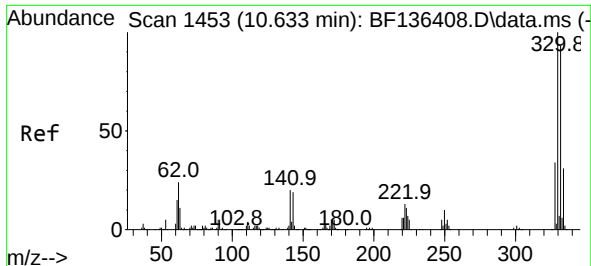
Tgt Ion: 82 Resp: 673415
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

Tgt Ion: 164 Resp: 233510
Ion Ratio Lower Upper
164 100
162 103.8 84.4 126.6
160 44.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 127.695 ng

RT: 10.616 min Scan# 1453

Delta R.T. -0.018 min

Lab File: BF136564.D

Acq: 14 Dec 2023 12:56

Instrument :

BNA_F

ClientSampleId :

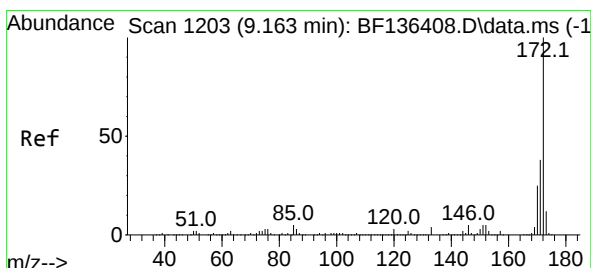
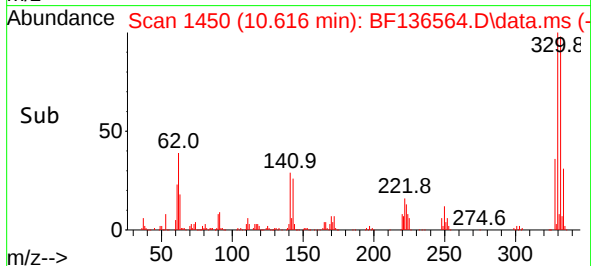
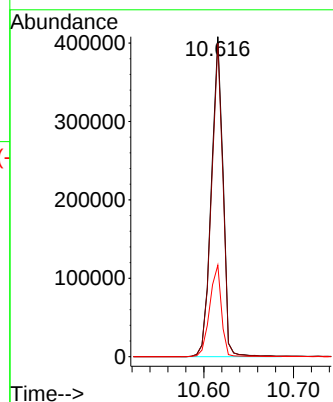
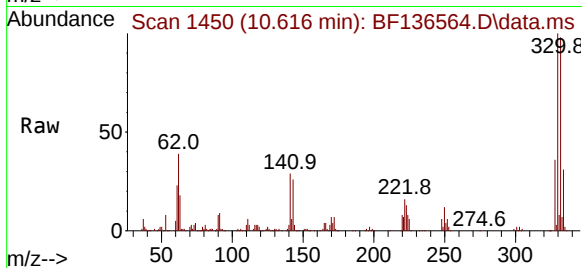
Tgt Ion:330 Resp: 367660

Ion Ratio Lower Upper

330 100

332 96.7 76.4 114.6

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 84.143 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF136564.D

Acq: 14 Dec 2023 12:56

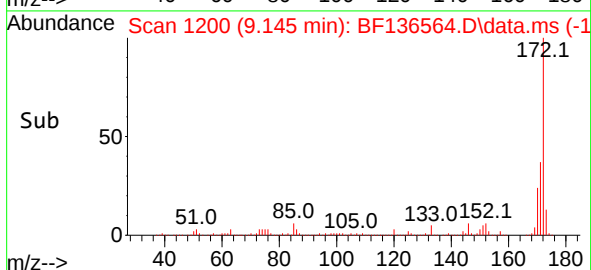
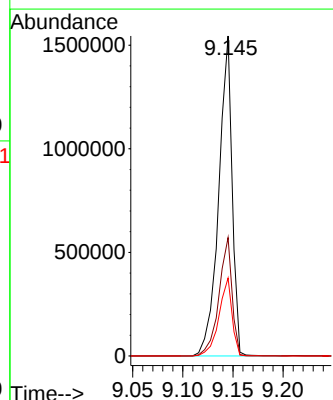
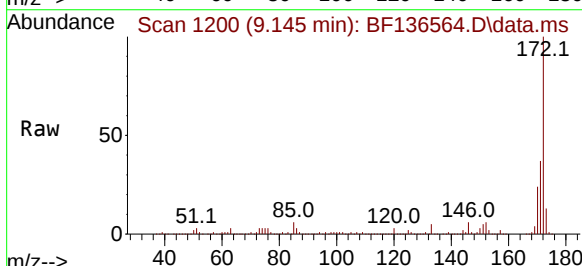
Tgt Ion:172 Resp: 1439951

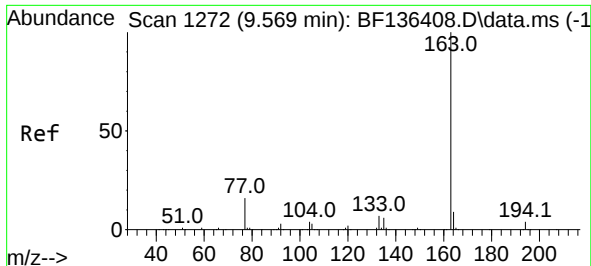
Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

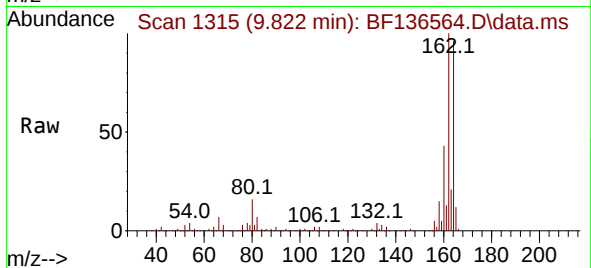
170 24.4 19.9 29.9



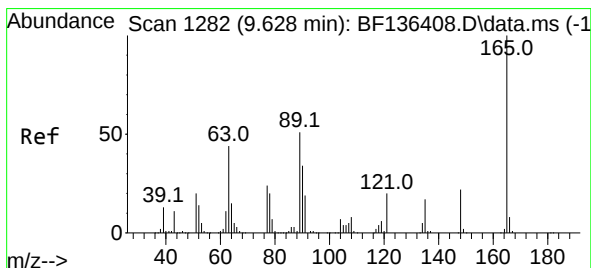
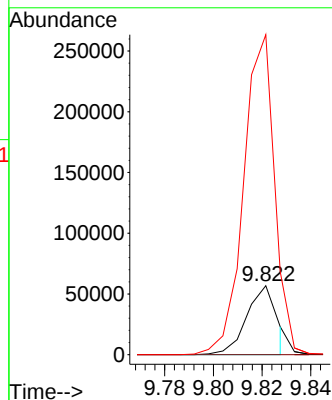
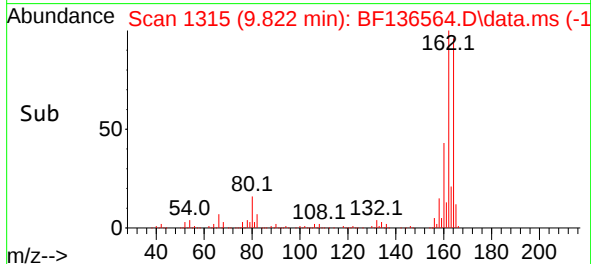


#50
Dimethylphthalate
Concen: 2.825 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

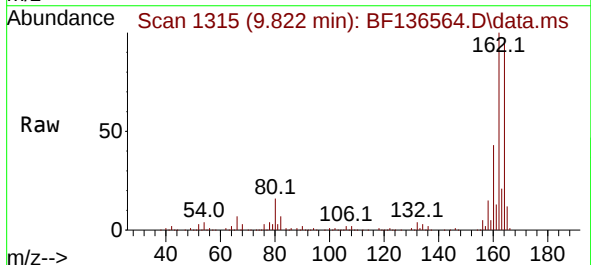
Instrument :
BNA_F
ClientSampleId :



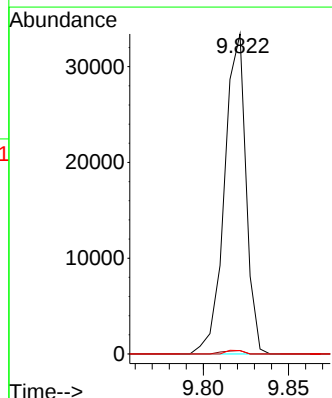
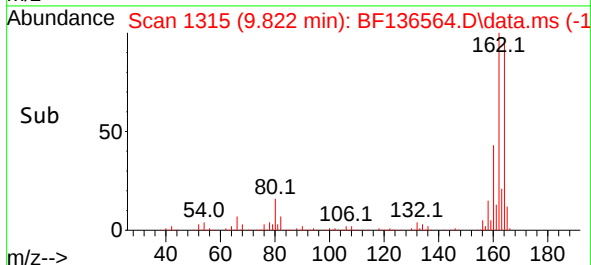
Tgt Ion:163 Resp: 48569
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 463.4 7.4 11.2#

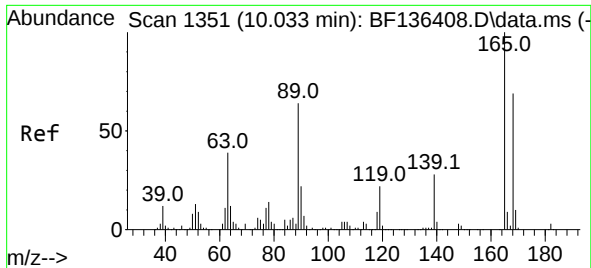


#51
2,6-Dinitrotoluene
Concen: 7.562 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56



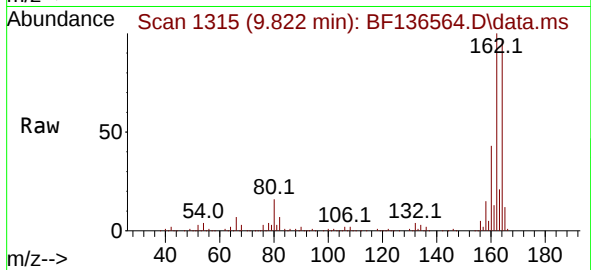
Tgt Ion:165 Resp: 29248
Ion Ratio Lower Upper
165 100
63 1.1 40.4 60.6#
89 1.1 40.6 60.8#



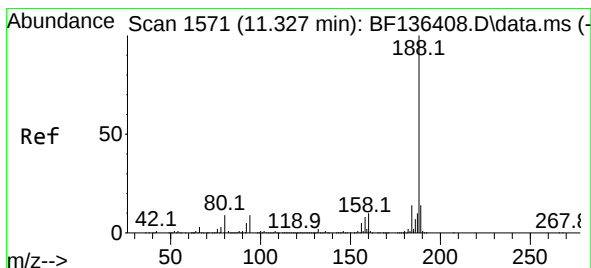
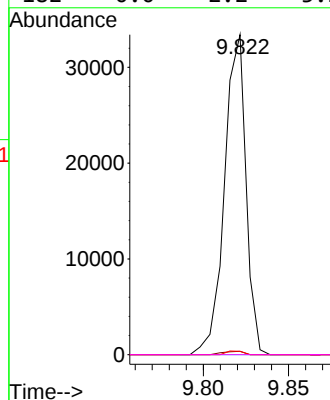
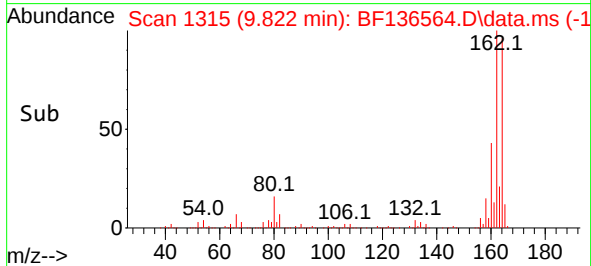


#57
2,4-Dinitrotoluene
Concen: 5.716 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

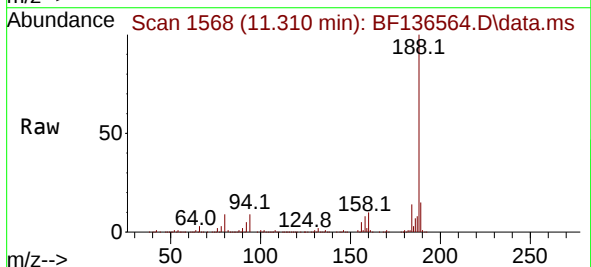
Instrument :
BNA_F
ClientSampleId :



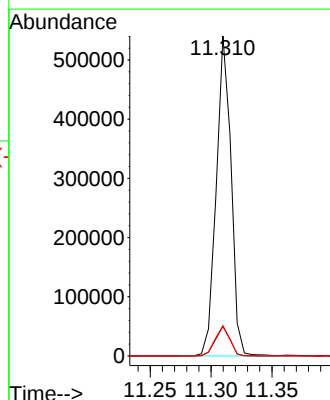
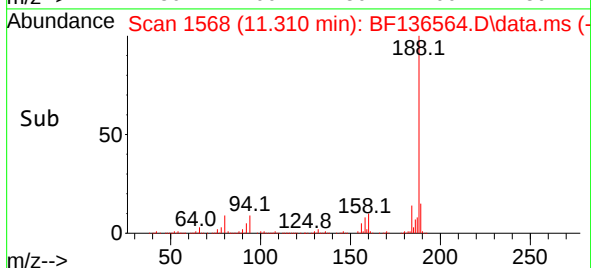
Tgt Ion:165 Resp: 29248
Ion Ratio Lower Upper
165 100
63 1.1 31.4 47.2#
89 1.1 51.7 77.5#
182 0.0 2.2 3.2#

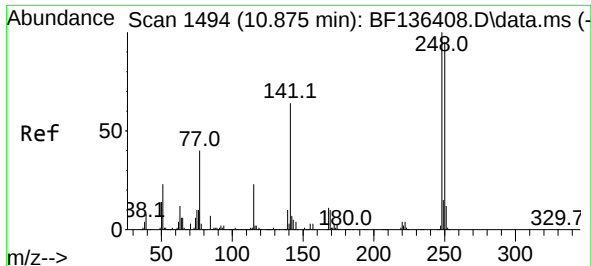


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56



Tgt Ion:188 Resp: 458551
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.4 7.2 10.8

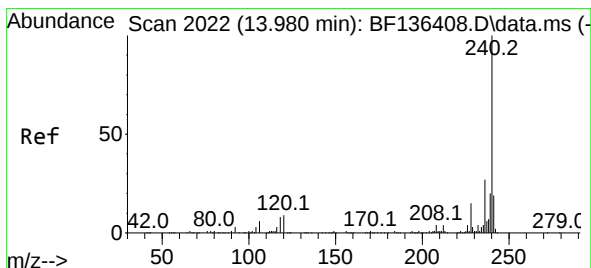
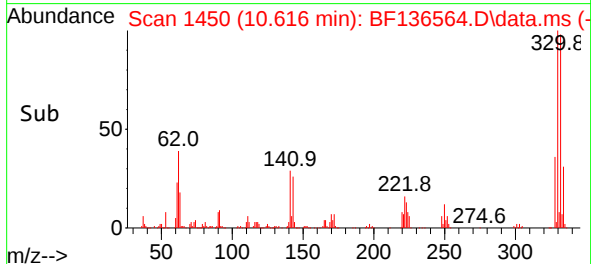
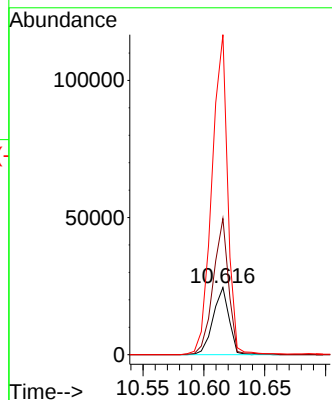
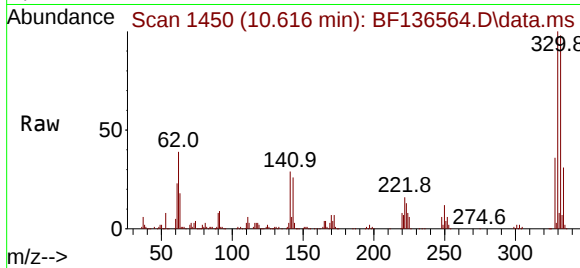




#67
4-Bromophenyl-phenylether
Concen: 4.202 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

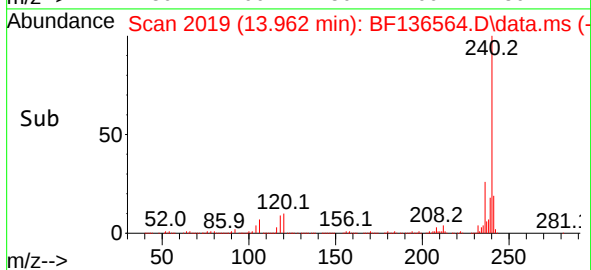
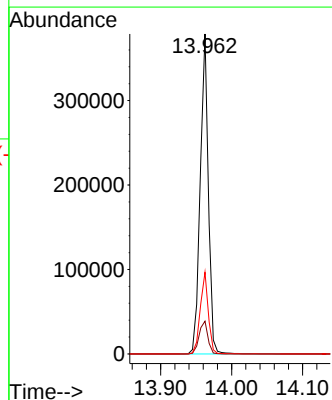
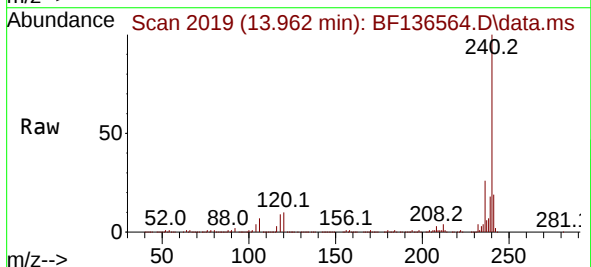
Instrument :
BNA_F
ClientSampleId :

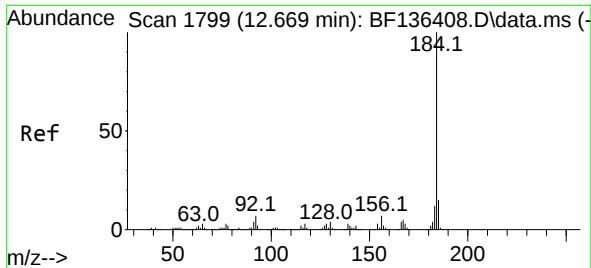
Tgt Ion:248 Resp: 22404
Ion Ratio Lower Upper
248 100
250 202.7 76.2 114.2#
141 476.2 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

Tgt Ion:240 Resp: 302091
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 25.6 21.3 31.9

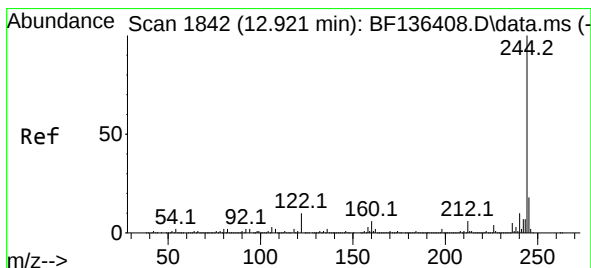
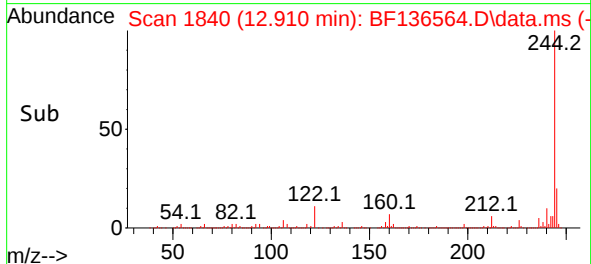
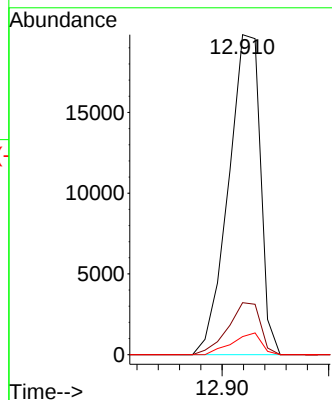
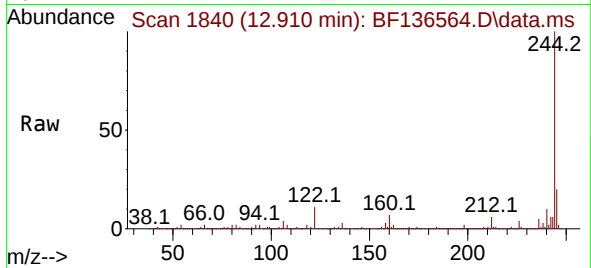




#77
Benzidine
Concen: 3.527 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.241 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

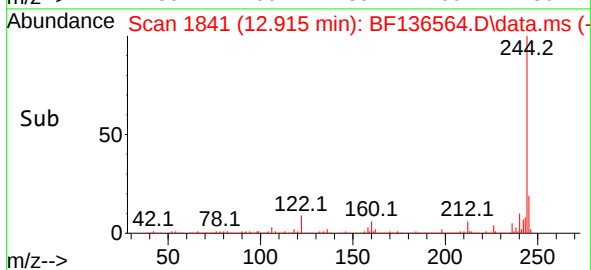
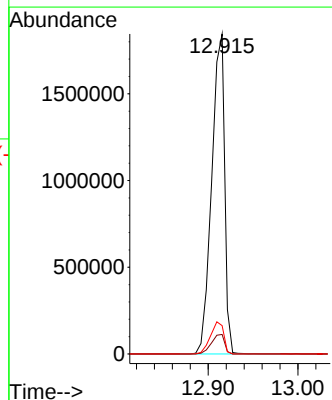
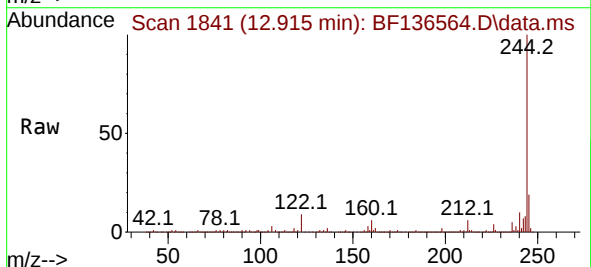
Instrument :
BNA_F
ClientSampleId :

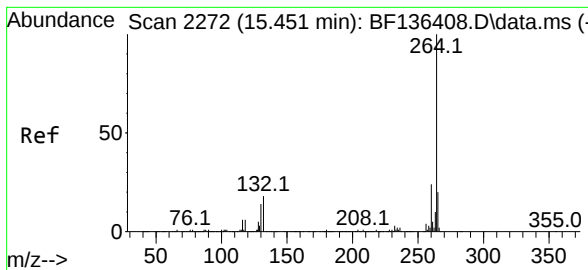
Tgt Ion:184 Resp: 20591
Ion Ratio Lower Upper
184 100
185 16.2 12.0 18.0
183 5.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 80.470 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

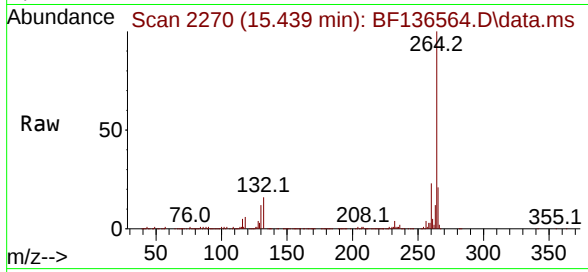
Tgt Ion:244 Resp: 1844335
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 8.9 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF136564.D
 Acq: 14 Dec 2023 12:56

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	264	Resp:	243807
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	21.3	15.9	23.9

