

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136984.D
 Acq On : 05 Jan 2024 19:32
 Operator : CG\JU
 Sample : 05967-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 22:52:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

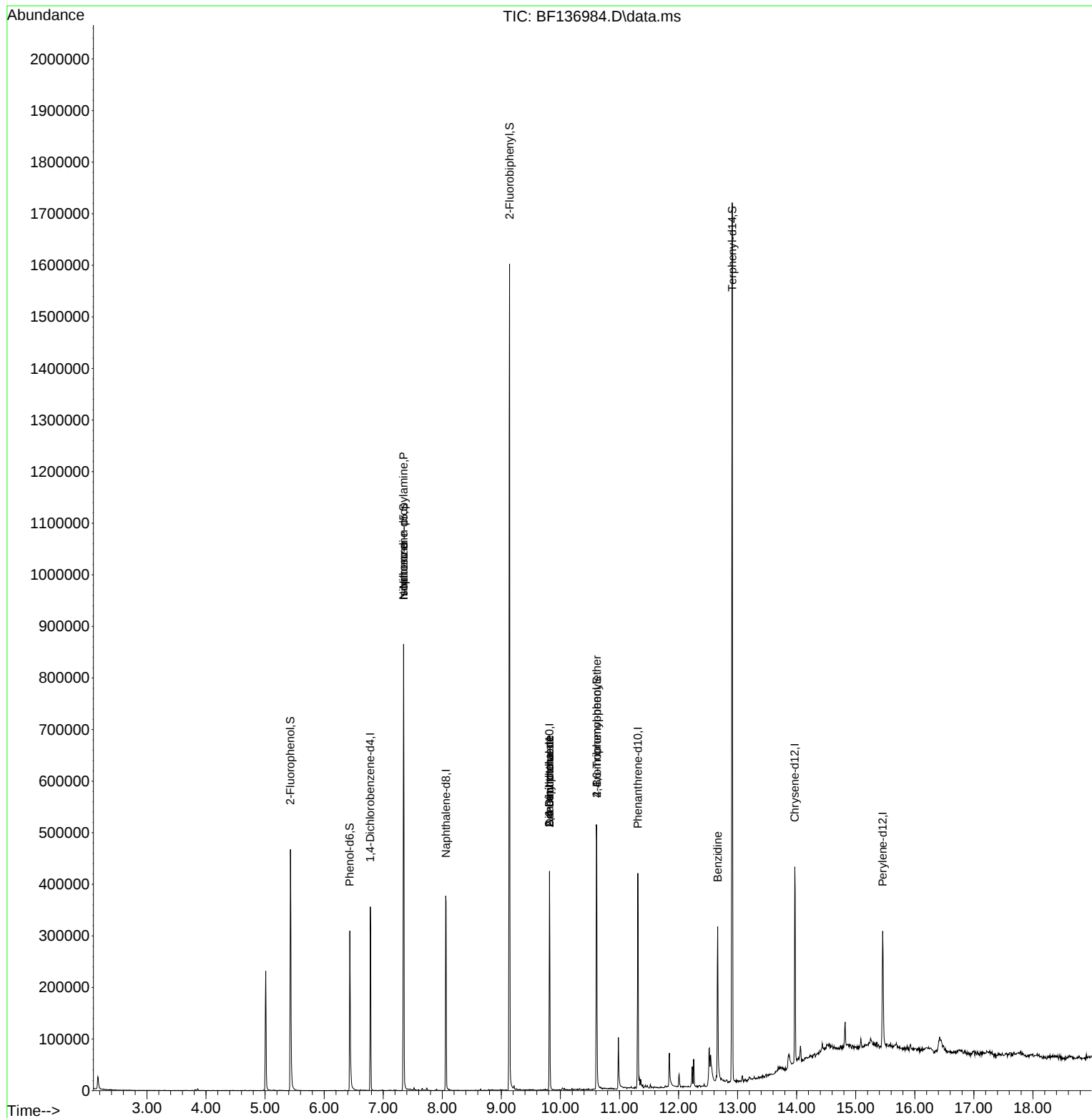
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	52551	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	177415	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	80056	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	146272	20.000	ng	0.00
76) Chrysene-d12	13.969	240	131571	20.000	ng	0.00
86) Perylene-d12	15.457	264	108735	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	135236	40.153	ng	0.00
7) Phenol-d6	6.434	99	107335	24.595	ng	0.00
23) Nitrobenzene-d5	7.345	82	256847	74.081	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	71214	75.532	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	497450	83.574	ng	-0.01
79) Terphenyl-d14	12.910	244	575659	61.143	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	33958	12.836	ng	# 70
25) Isophorone	7.345	82	256845	40.713	ng	# 65
50) Dimethylphthalate	9.816	163	14878	2.544	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	10400	7.837	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	10400	6.037	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	4147	2.553	ng	# 1
77) Benzidine	12.663	184	132196	34.076	ng	99

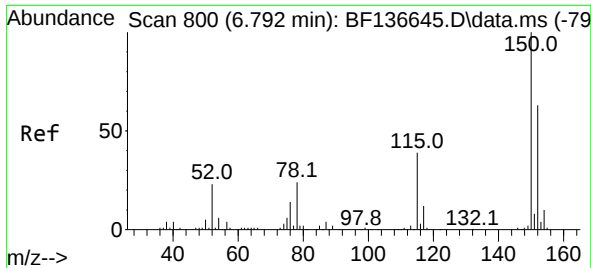
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
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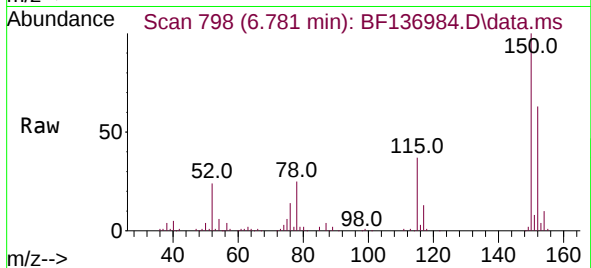
Quant Time: Jan 05 22:52:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



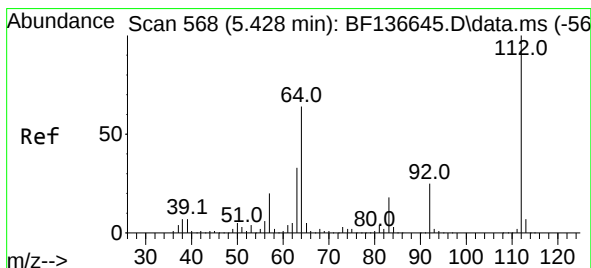
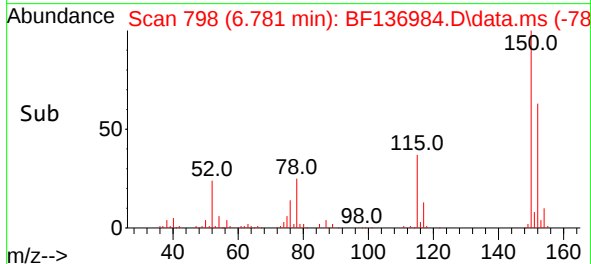
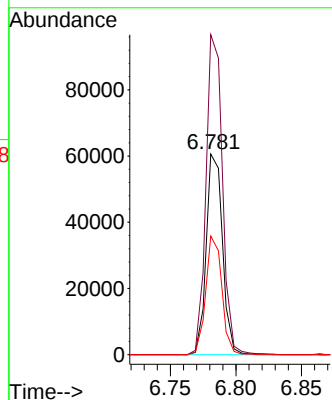


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

Instrument :
BNA_F
ClientSampleId :

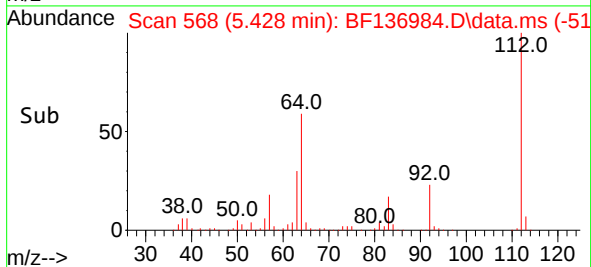
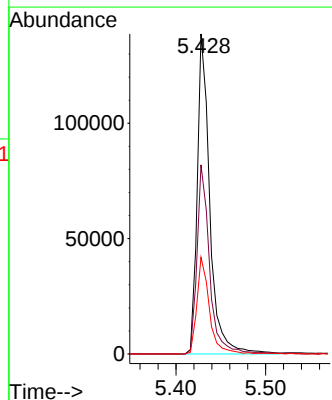
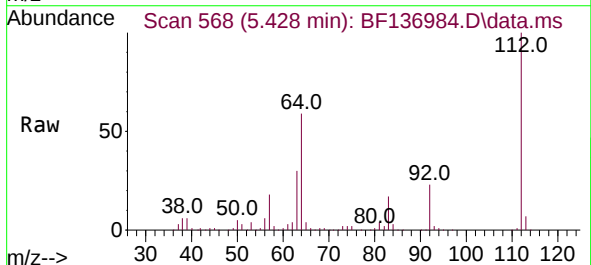


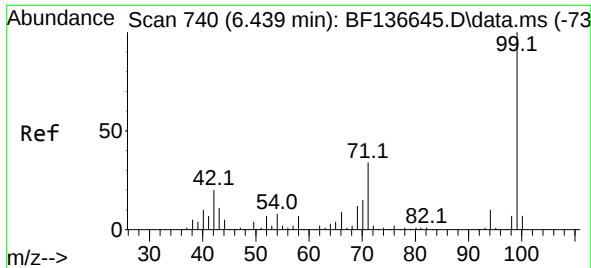
Tgt Ion:152 Resp: 52551
Ion Ratio Lower Upper
152 100
150 159.5 127.0 190.6
115 59.1 49.0 73.4



#5
2-Fluorophenol
Concen: 40.153 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

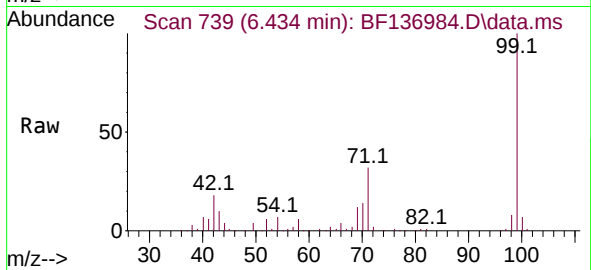
Tgt Ion:112 Resp: 135236
Ion Ratio Lower Upper
112 100
64 59.1 51.1 76.7
63 30.2 26.1 39.1



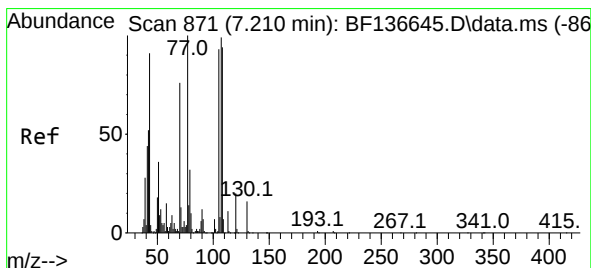
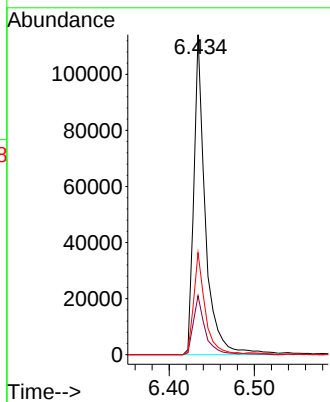
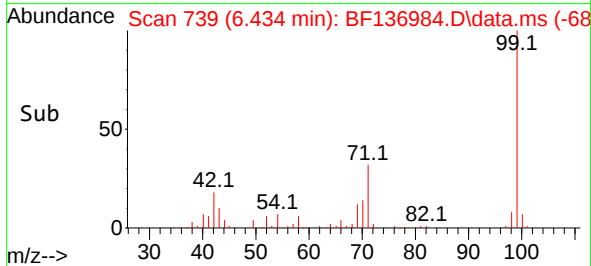


#7
Phenol-d6
Concen: 24.595 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

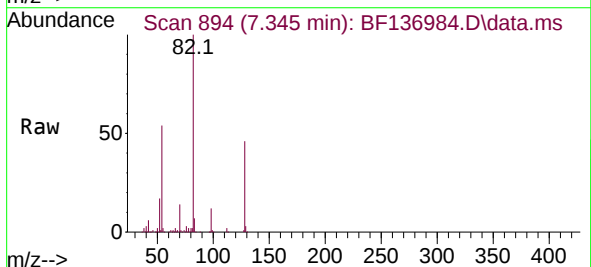
Instrument :
BNA_F
ClientSampleId :



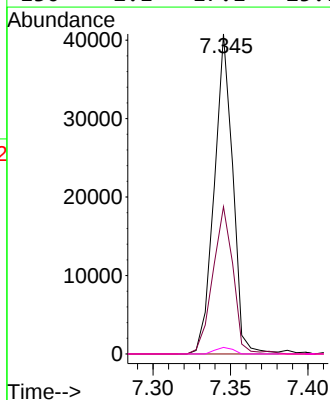
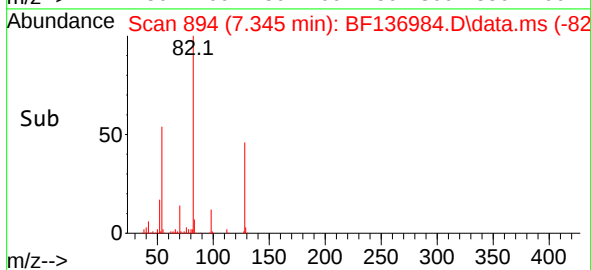
Tgt Ion: 99 Resp: 107335
Ion Ratio Lower Upper
99 100
42 18.5 16.1 24.1
71 31.9 27.4 41.2

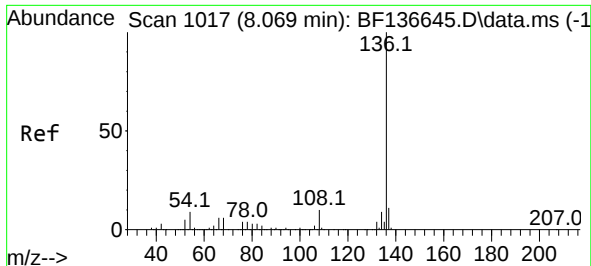


#19
n-Nitroso-di-n-propylamine
Concen: 12.836 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32



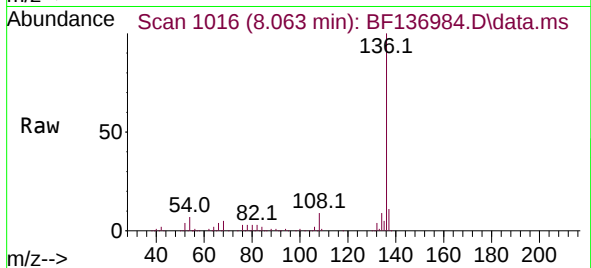
Tgt Ion: 70 Resp: 33958
Ion Ratio Lower Upper
70 100
42 46.0 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



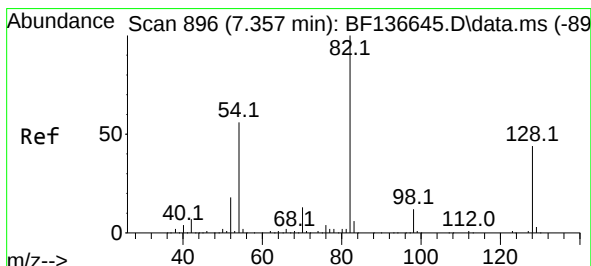
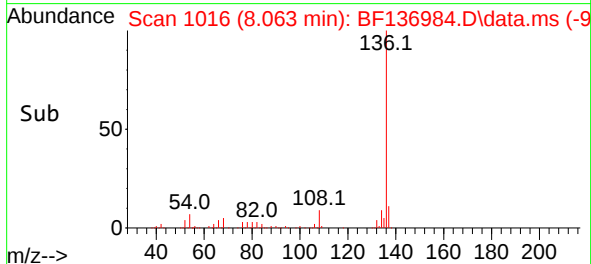
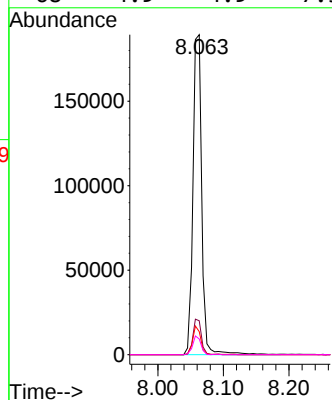


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

Instrument :
BNA_F
ClientSampleId :

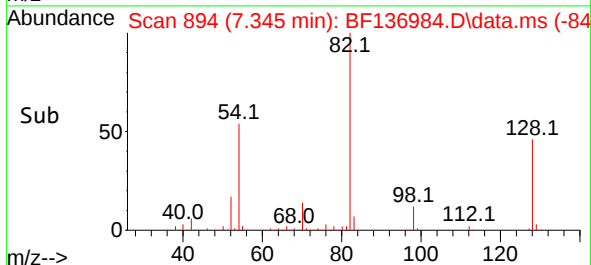
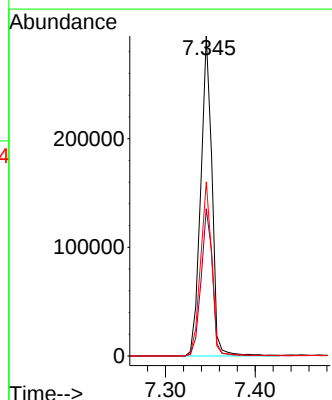
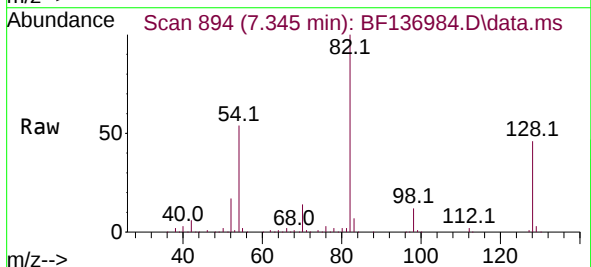


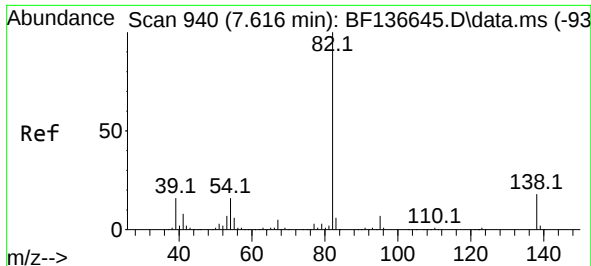
Tgt Ion:136 Resp: 177415
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 7.2 7.2 10.8#
68 4.9 4.9 7.3



#23
Nitrobenzene-d5
Concen: 74.081 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

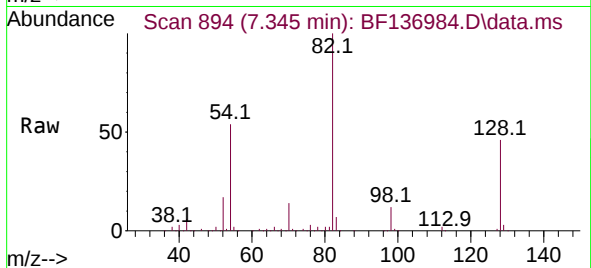
Tgt Ion: 82 Resp: 256847
Ion Ratio Lower Upper
82 100
128 46.0 35.3 52.9
54 54.4 44.5 66.7



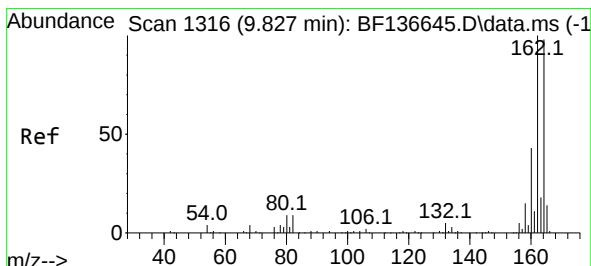
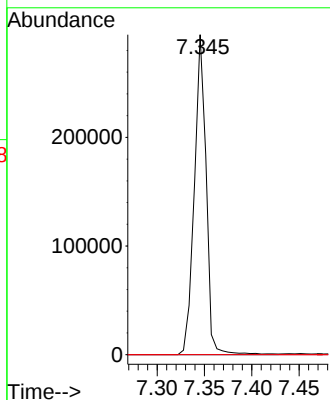
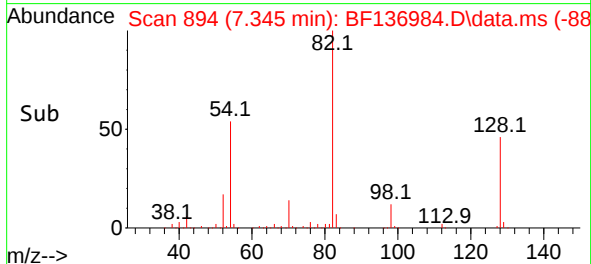


#25
Isophorone
Concen: 40.713 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

Instrument :
BNA_F
ClientSampleId :

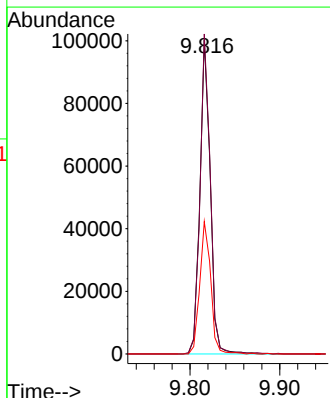
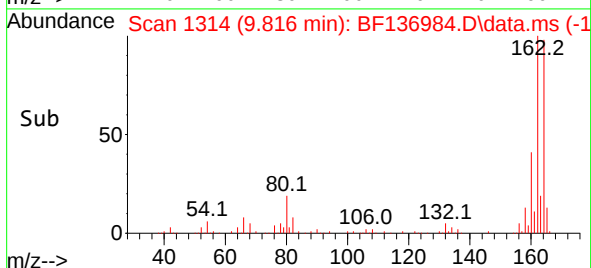
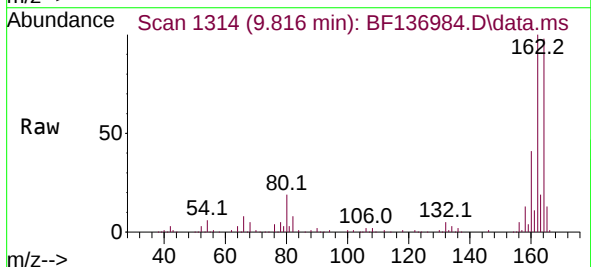


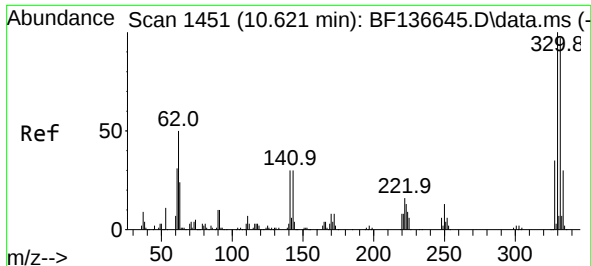
Tgt Ion: 82 Resp: 256845
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

Tgt Ion:164 Resp: 80056
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 42.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 75.532 ng

RT: 10.616 min Scan# 1199

Delta R.T. -0.006 min

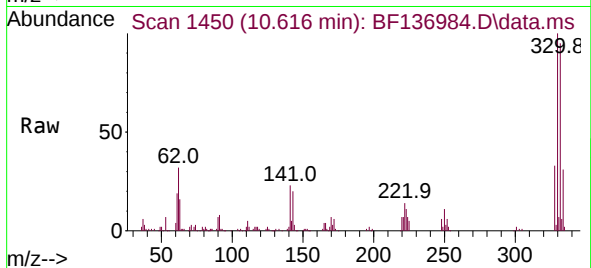
Lab File: BF136984.D

Acq: 05 Jan 2024 19:32

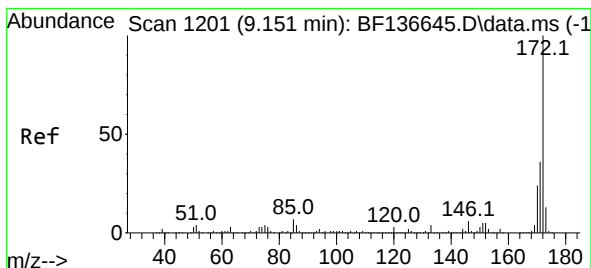
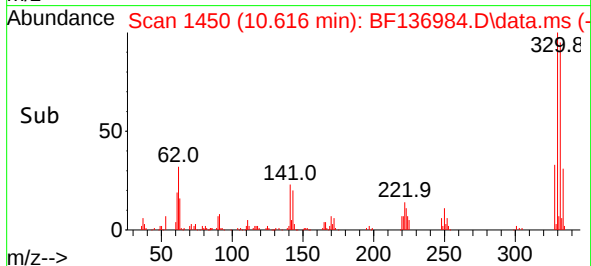
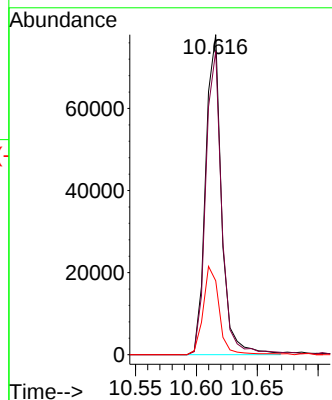
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	330	Resp:	71214
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.4	116.0
141	27.9	23.4	35.2



#45

2-Fluorobiphenyl

Concen: 83.574 ng

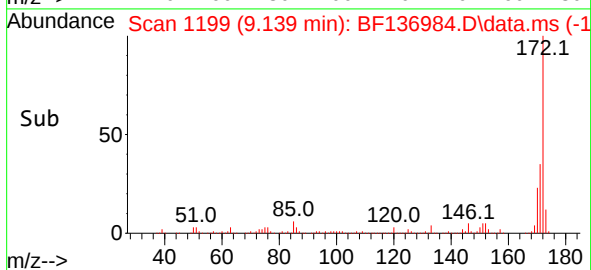
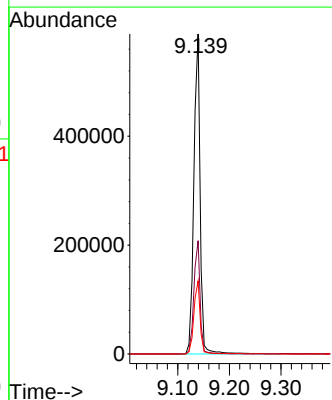
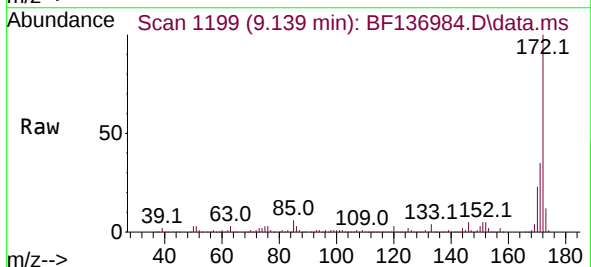
RT: 9.139 min Scan# 1199

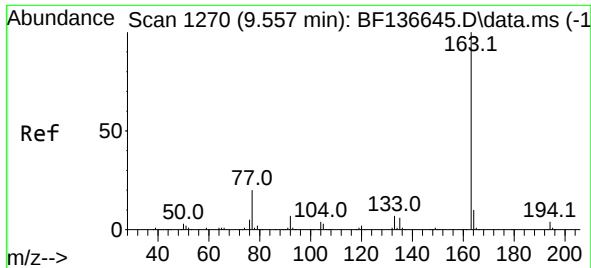
Delta R.T. -0.012 min

Lab File: BF136984.D

Acq: 05 Jan 2024 19:32

Tgt Ion:	172	Resp:	497450
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.0	43.6
170	22.9	19.0	28.4

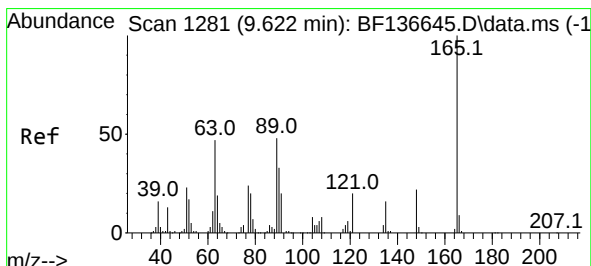
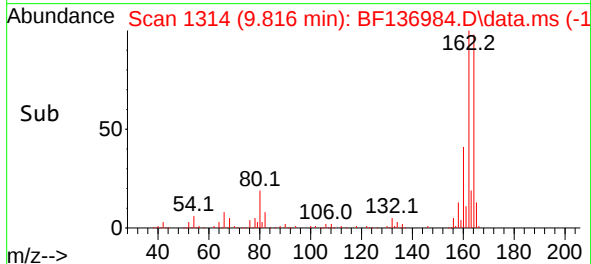
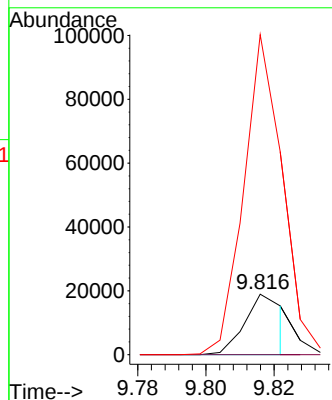
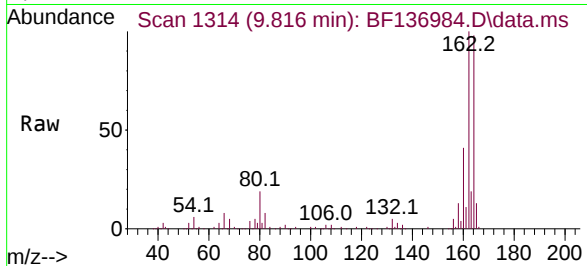




#50
Dimethylphthalate
Concen: 2.544 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

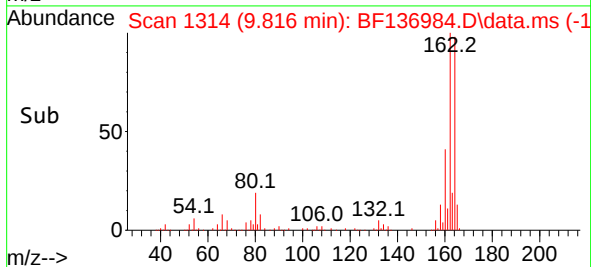
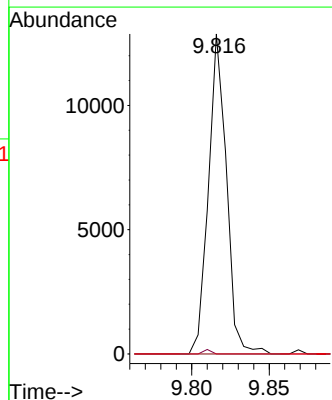
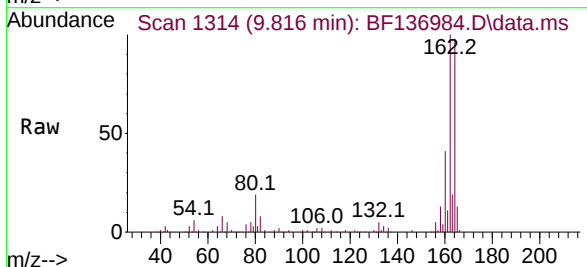
Instrument :
BNA_F
ClientSampleId :

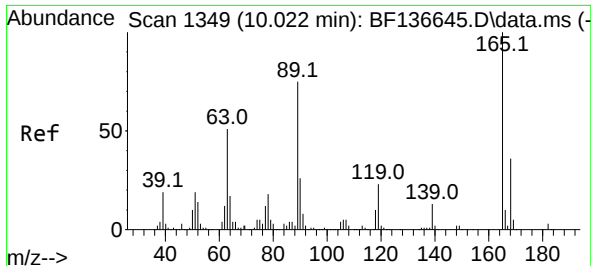
Tgt Ion:163 Resp: 14878
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 528.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.837 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

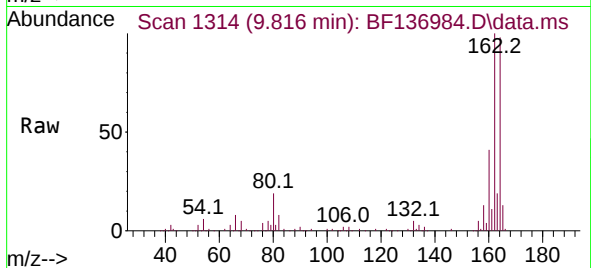
Tgt Ion:165 Resp: 10400
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 38.8 58.2#



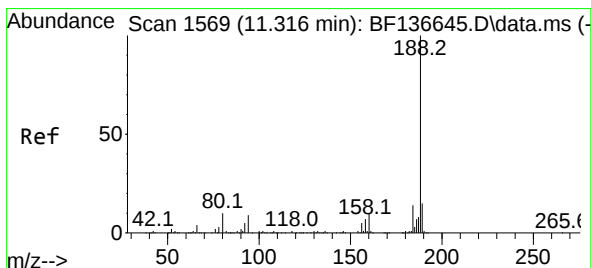
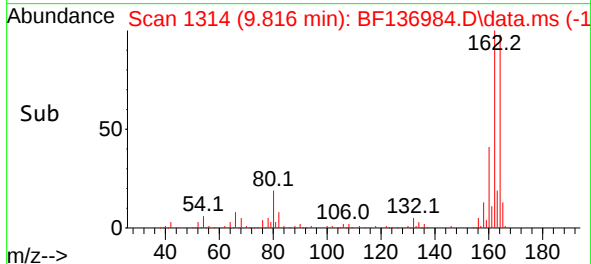
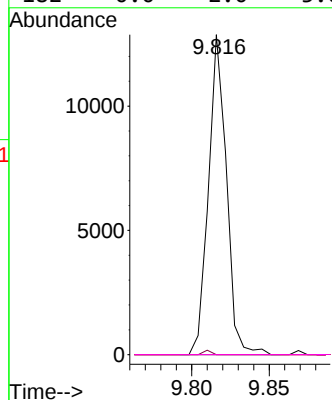


#57
2,4-Dinitrotoluene
Concen: 6.037 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

Instrument :
BNA_F
ClientSampleId :

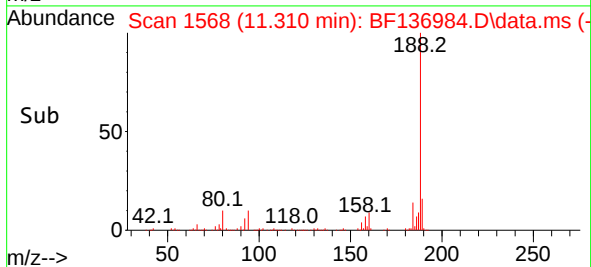
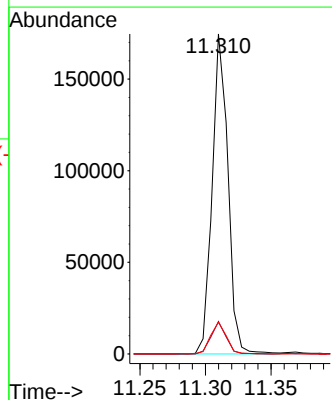
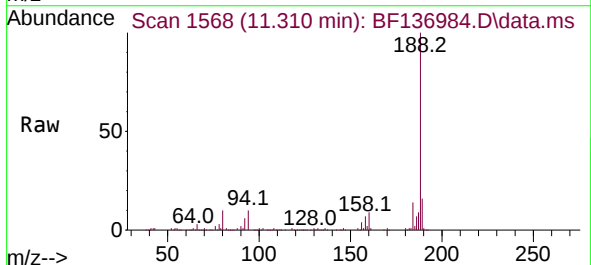


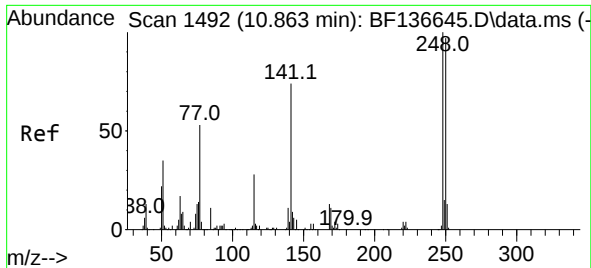
Tgt Ion:165 Resp: 10400
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

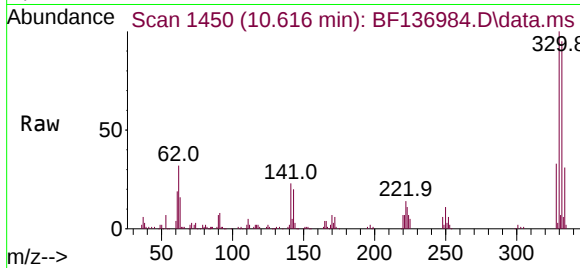
Tgt Ion:188 Resp: 146272
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 9.9 8.1 12.1



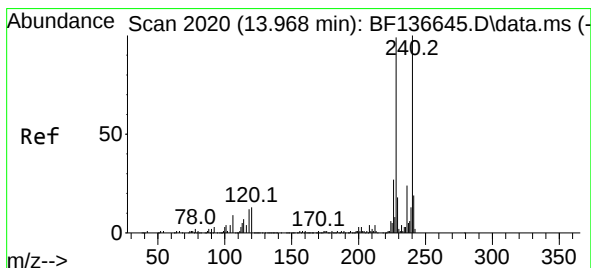
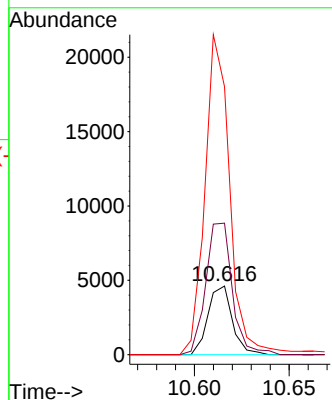
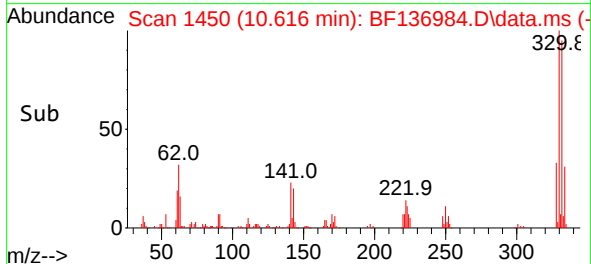


#67
4-Bromophenyl-phenylether
Concen: 2.553 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

Instrument :
BNA_F
ClientSampleId :

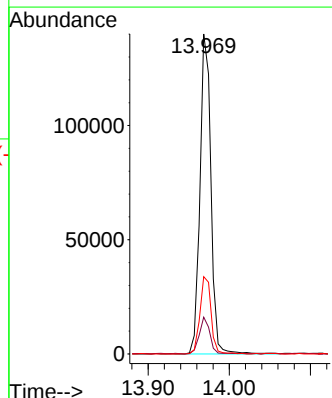
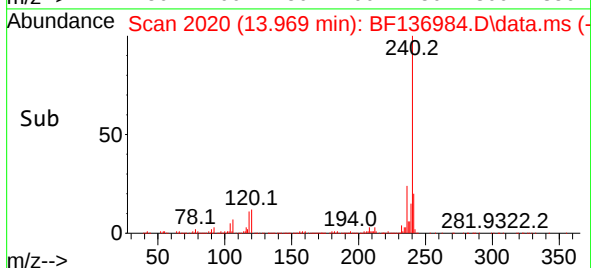
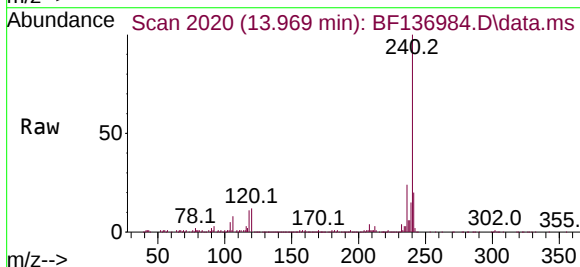


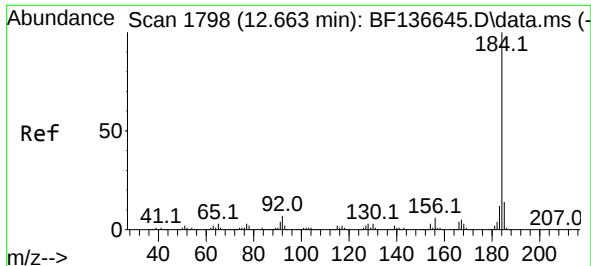
Tgt Ion:248 Resp: 4147
Ion Ratio Lower Upper
248 100
250 191.4 77.8 116.6#
141 390.1 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

Tgt Ion:240 Resp: 131571
Ion Ratio Lower Upper
240 100
120 11.5 10.3 15.5
236 24.2 19.4 29.2

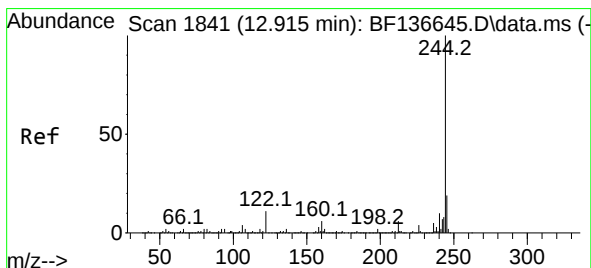
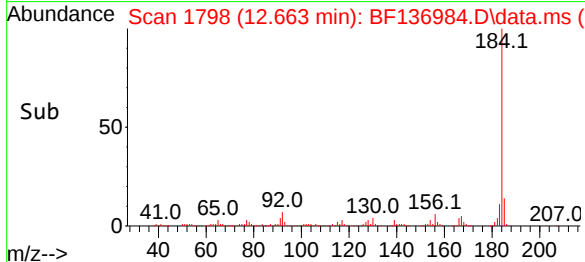
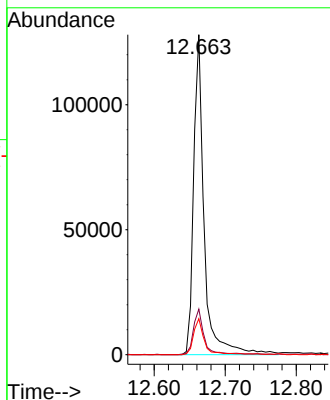
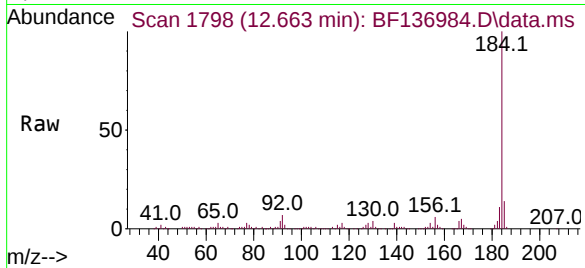




#77
Benzidine
Concen: 34.076 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

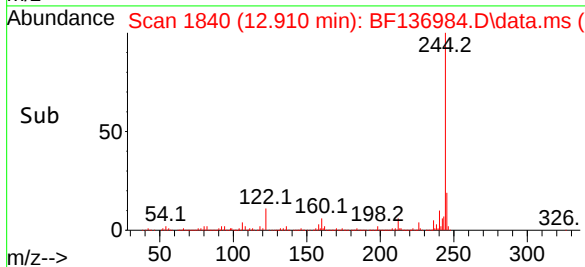
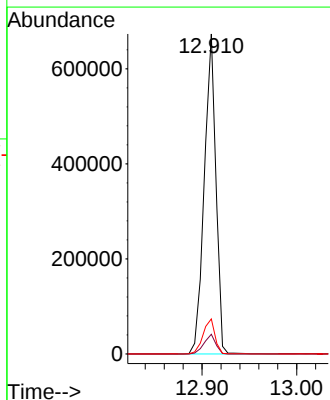
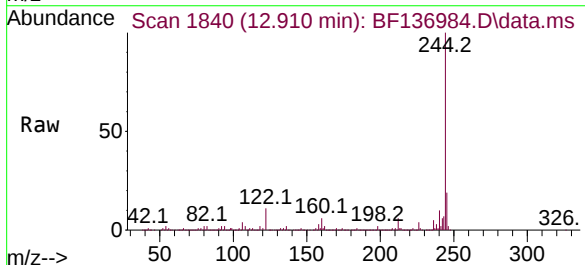
Instrument :
BNA_F
ClientSampleId :

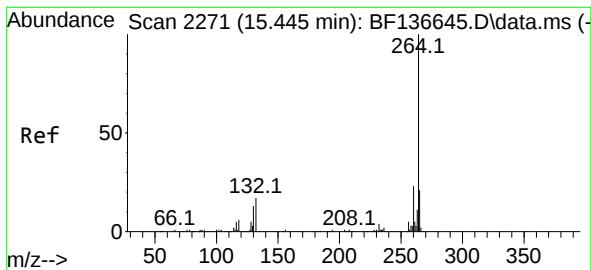
Tgt Ion:184 Resp: 132196
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.3 9.3 13.9



#79
Terphenyl-d14
Concen: 61.143 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF136984.D
Acq: 05 Jan 2024 19:32

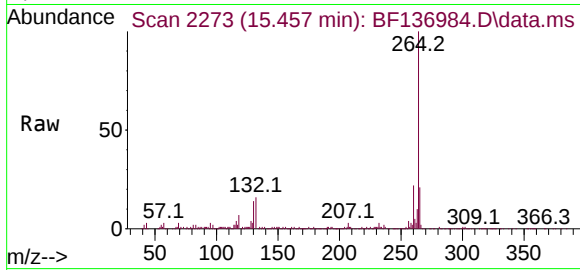
Tgt Ion:244 Resp: 575659
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF136984.D
 Acq: 05 Jan 2024 19:32

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 108735
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.3 27.5
 265 20.8 17.0 25.6

