

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137272.D
 Acq On : 05 Feb 2024 12:12
 Operator : CG\JU
 Sample : P1337-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 12:31:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

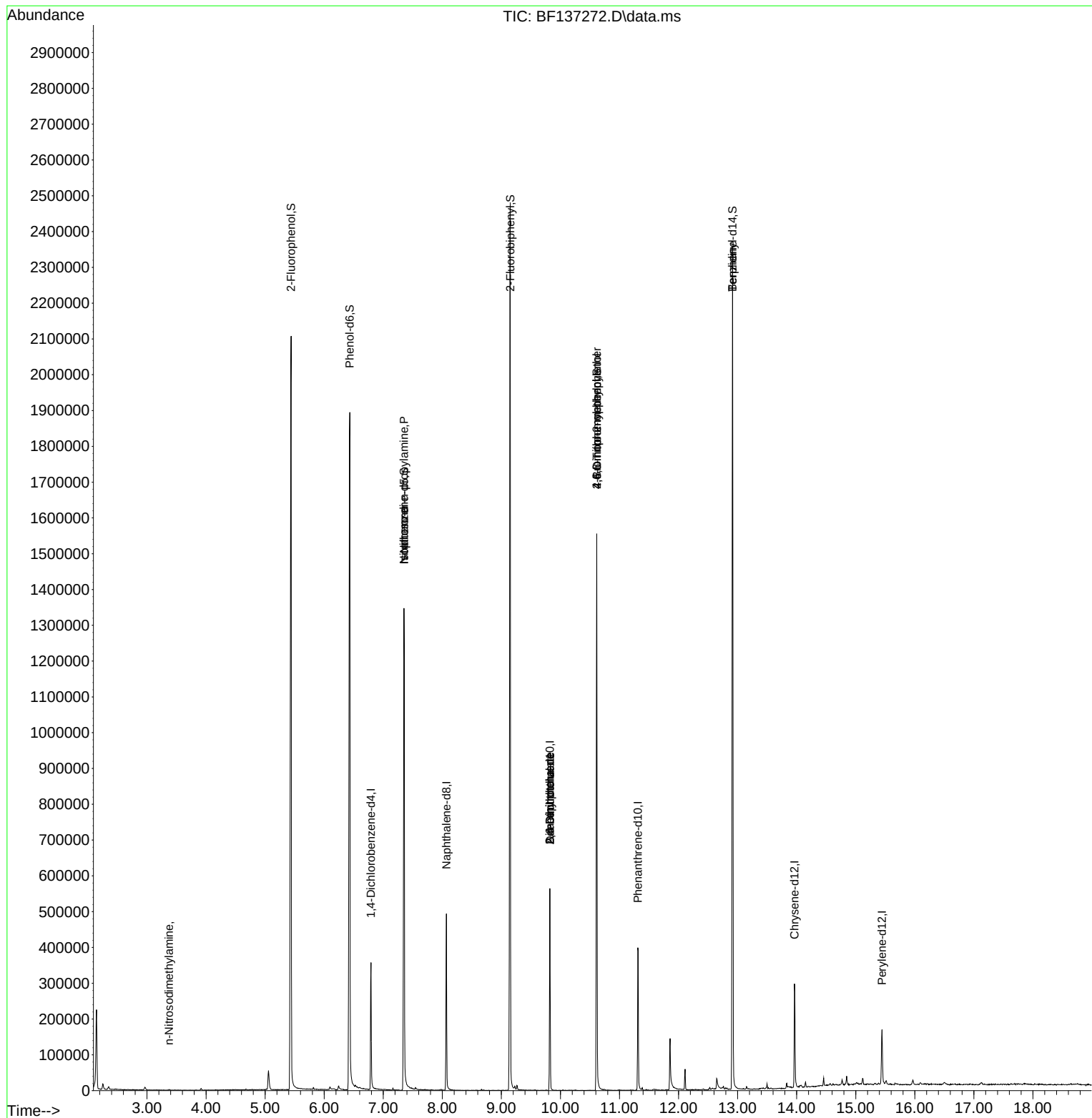
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	52853	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	202919	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	103970	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	166465	20.000	ng	0.00
76) Chrysene-d12	13.963	240	112555	20.000	ng	-0.01
86) Perylene-d12	15.445	264	79675	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	621279	193.965	ng	0.02
7) Phenol-d6	6.434	99	809536	177.099	ng	0.00
23) Nitrobenzene-d5	7.351	82	535573	118.168	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	185091	157.633	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	860254	113.741	ng	0.00
79) Terphenyl-d14	12.916	244	843681	101.900	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.375	42	122	6.121	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	73574	23.475	ng	# 75
25) Isophorone	7.351	82	535569	64.019	ng	# 67
50) Dimethylphthalate	9.822	163	18170	2.587	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	12865	8.589	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	12865	6.620	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	442	5.899	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	12043	6.579	ng	# 1
77) Benzidine	12.916	184	10663	5.291	ng	# 95

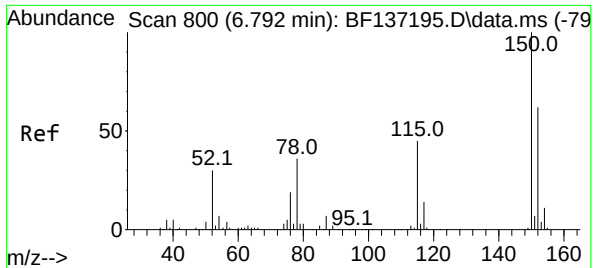
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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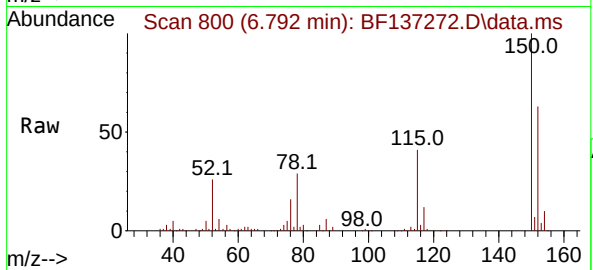
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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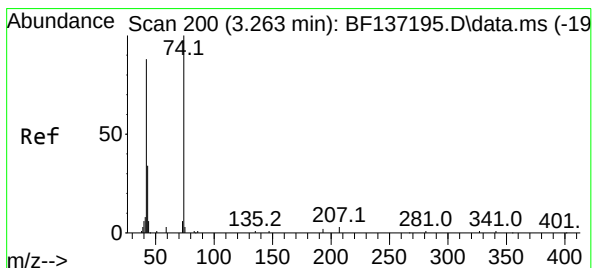
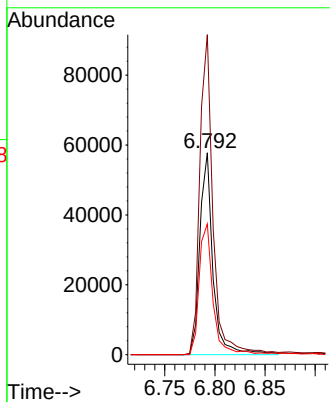
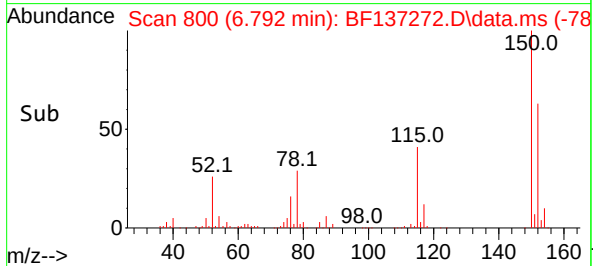


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF137272.D
 Acq: 05 Feb 2024 12:12

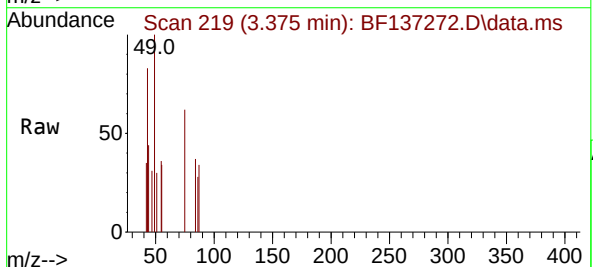
Instrument :
 BNA_F
 ClientSampleId :



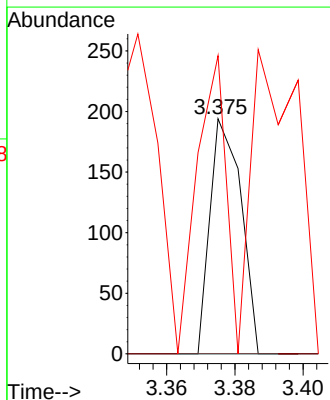
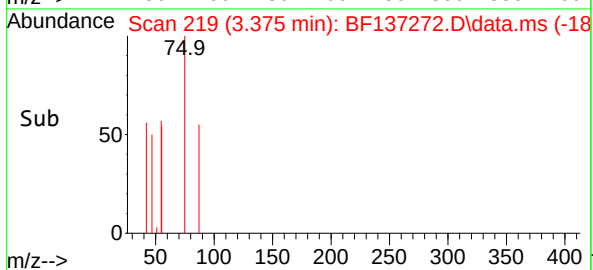
Tgt Ion:152 Resp: 52853
 Ion Ratio Lower Upper
 152 100
 150 158.5 129.8 194.8
 115 64.7 58.5 87.7

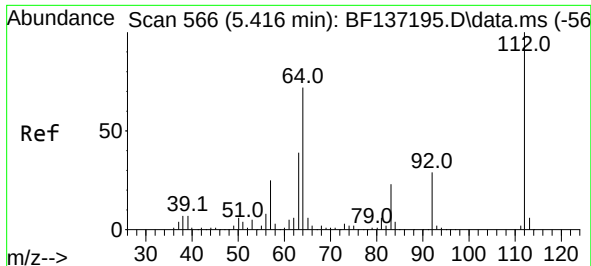


#4
 n-Nitrosodimethylamine
 Concen: 6.121 ng
 RT: 3.375 min Scan# 219
 Delta R.T. 0.112 min
 Lab File: BF137272.D
 Acq: 05 Feb 2024 12:12



Tgt Ion: 42 Resp: 122
 Ion Ratio Lower Upper
 42 100
 74 0.0 90.5 135.7#
 44 126.8 6.1 9.1#

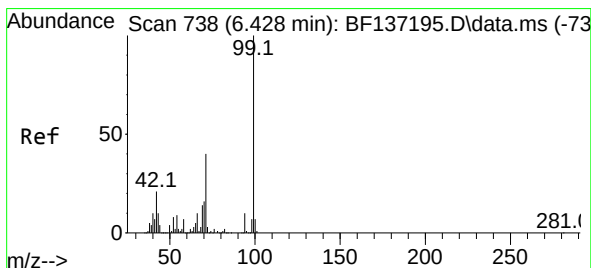
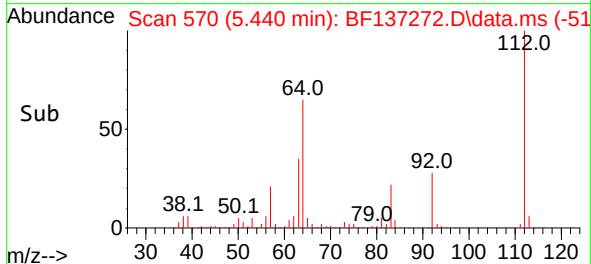
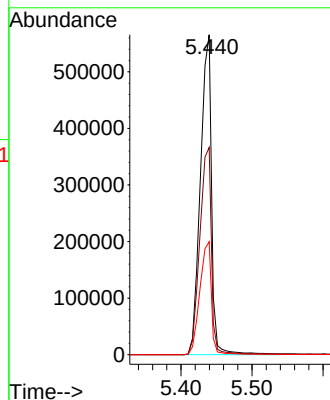
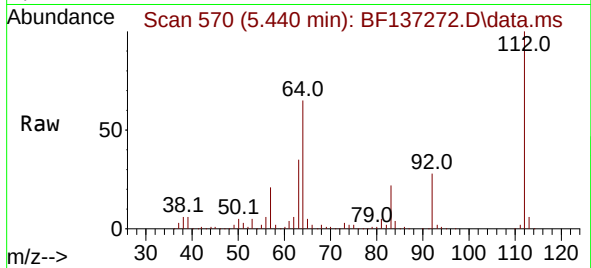




#5
2-Fluorophenol
Concen: 193.965 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

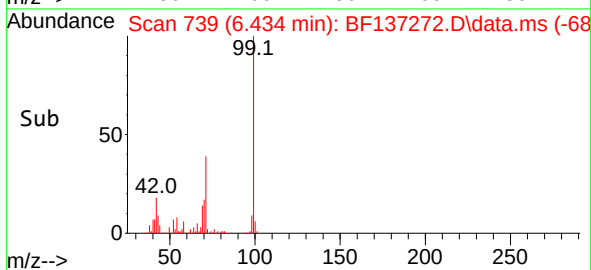
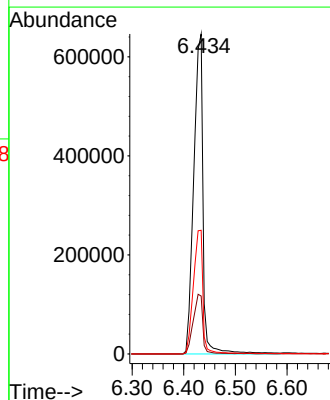
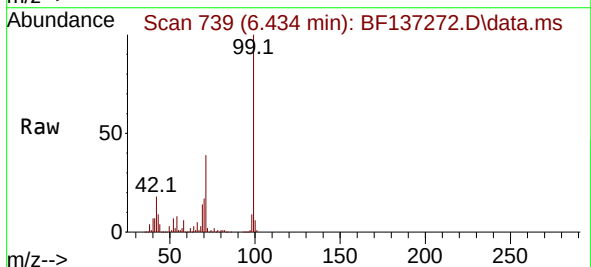
Instrument :
BNA_F
ClientSampleId :

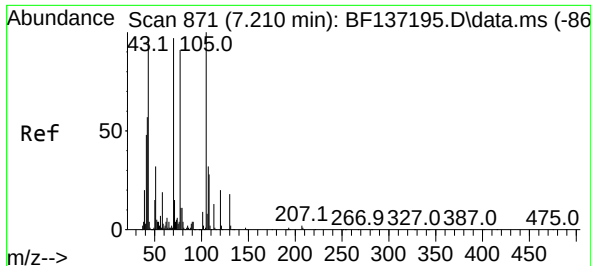
Tgt Ion:112 Resp: 621279
Ion Ratio Lower Upper
112 100
64 64.7 57.8 86.6
63 35.3 31.4 47.0



#7
Phenol-d6
Concen: 177.099 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

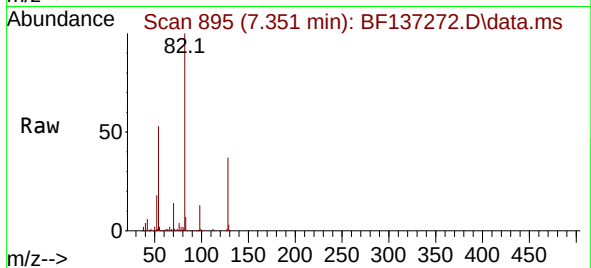
Tgt Ion: 99 Resp: 809536
Ion Ratio Lower Upper
99 100
42 18.1 16.4 24.6
71 38.6 32.4 48.6



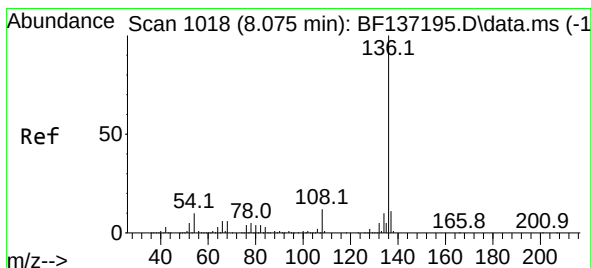
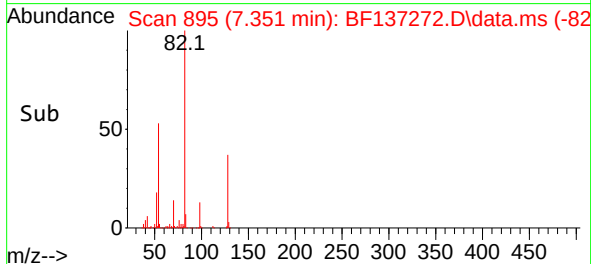
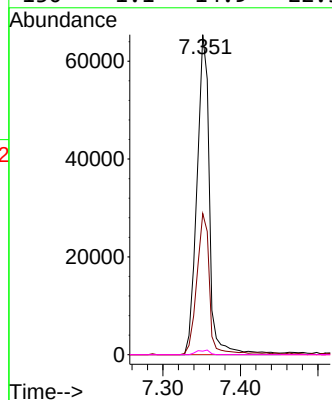


#19
n-Nitroso-di-n-propylamine
Concen: 23.475 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

Instrument :
BNA_F
ClientSampleId :

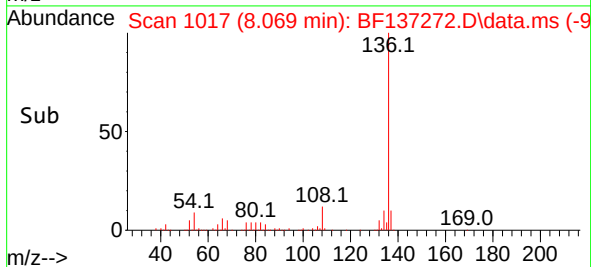
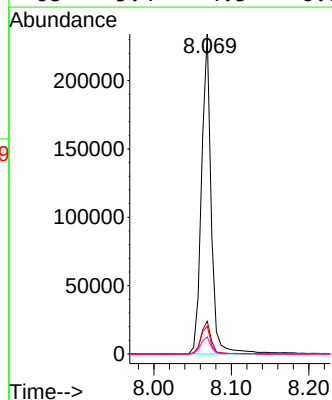
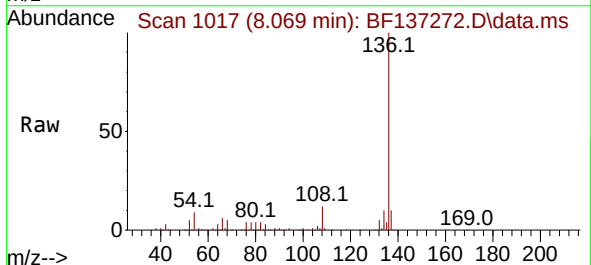


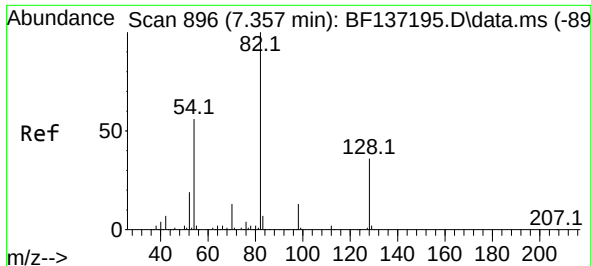
Tgt Ion: 70 Resp: 73574
Ion Ratio Lower Upper
70 100
42 44.1 47.2 70.8#
101 0.0 7.4 11.0#
130 1.1 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

Tgt Ion: 136 Resp: 202919
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 8.7 7.8 11.8
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 118.168 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

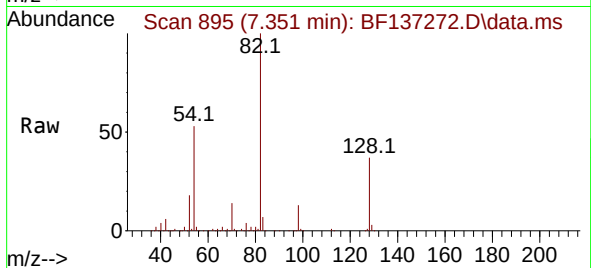
Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

Instrument :

BNA_F

ClientSampleId :



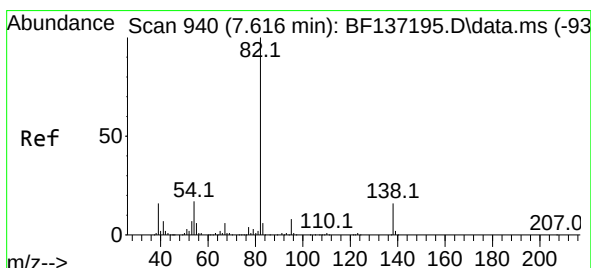
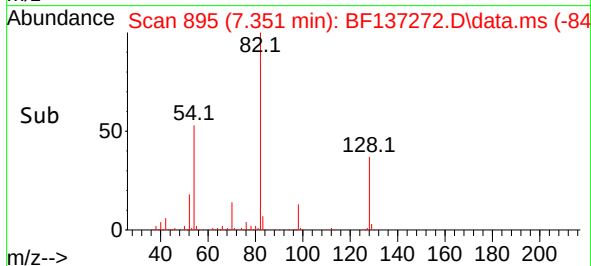
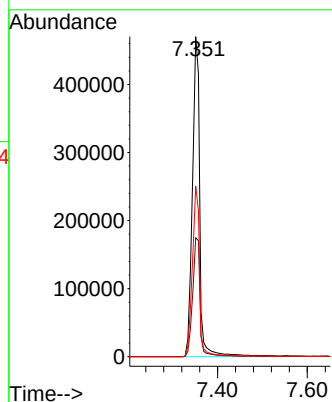
Tgt Ion: 82 Resp: 535573

Ion Ratio Lower Upper

82 100

128 37.1 29.1 43.7

54 53.2 45.0 67.6



#25

Isophorone

Concen: 64.019 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

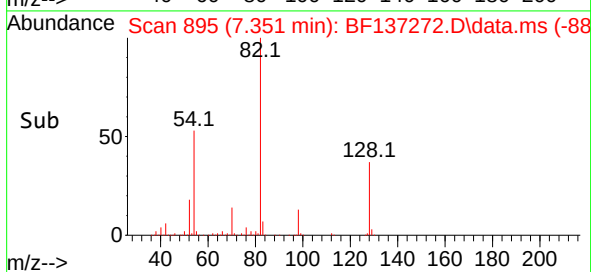
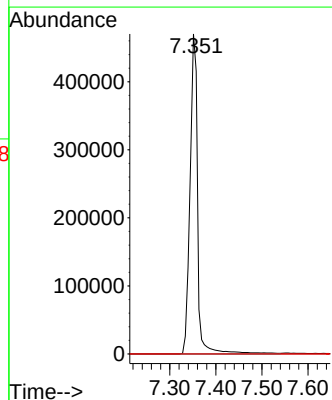
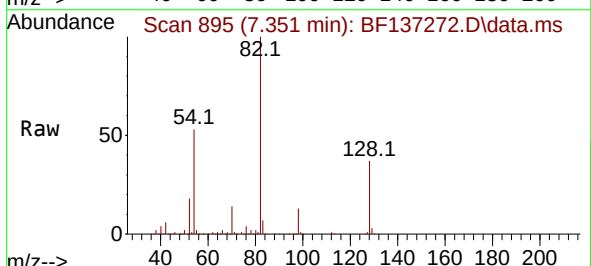
Tgt Ion: 82 Resp: 535569

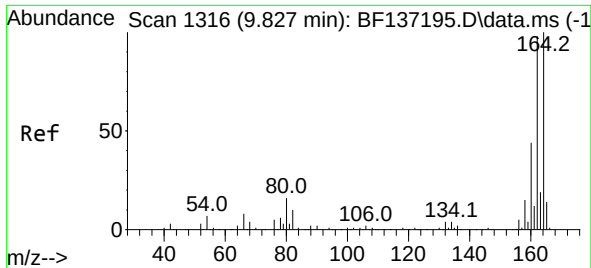
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 12.7 19.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1

Delta R.T. -0.005 min

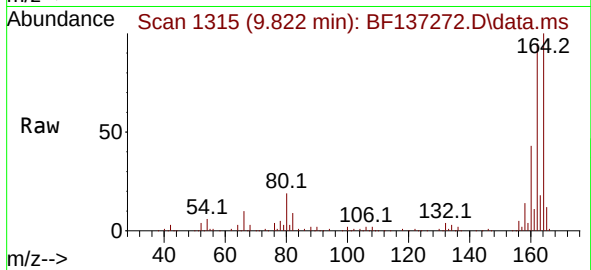
Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

Instrument :

BNA_F

ClientSampleId :



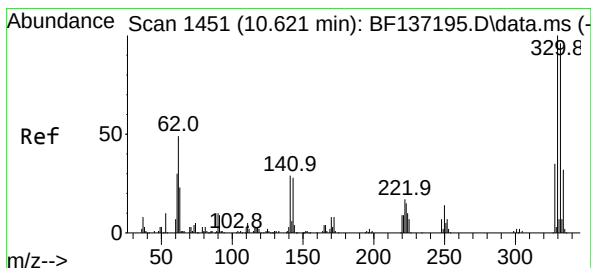
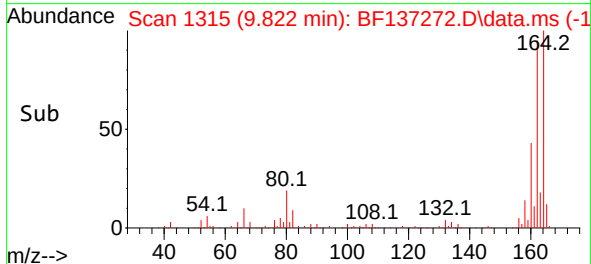
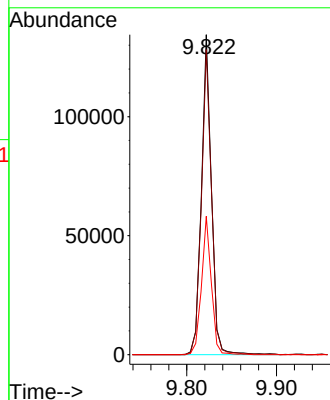
Tgt Ion:164 Resp: 103970

Ion Ratio Lower Upper

164 100

162 95.3 78.3 117.5

160 43.2 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 157.633 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

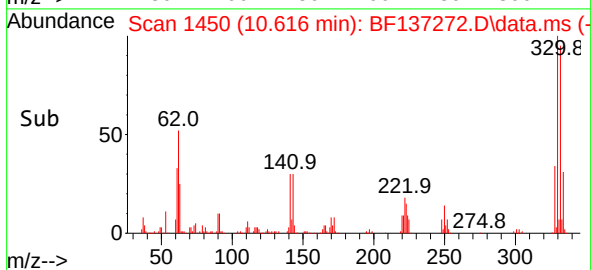
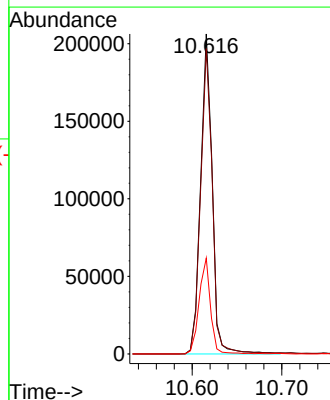
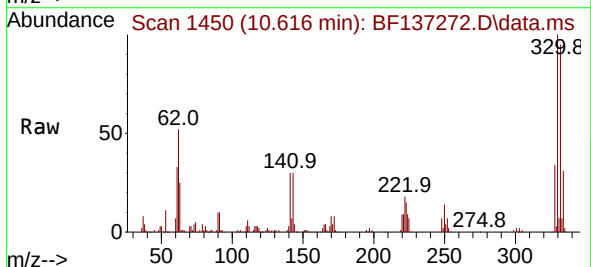
Tgt Ion:330 Resp: 185091

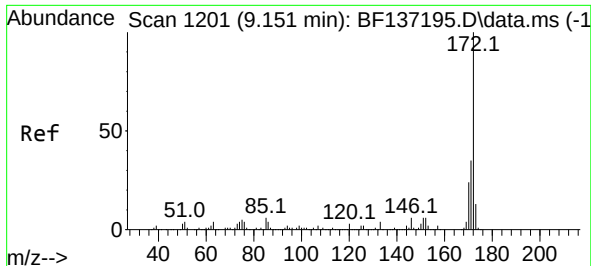
Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 29.6 25.2 37.8

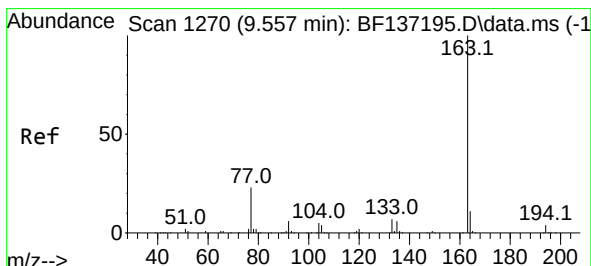
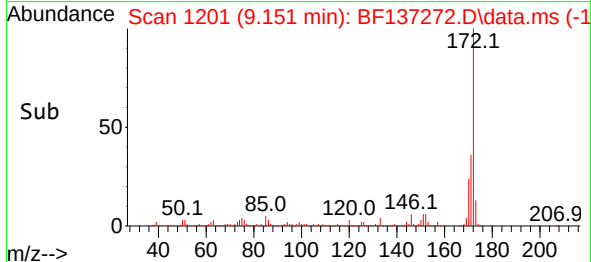
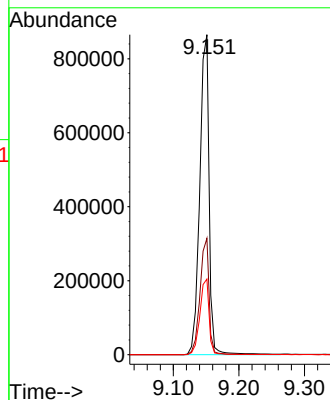
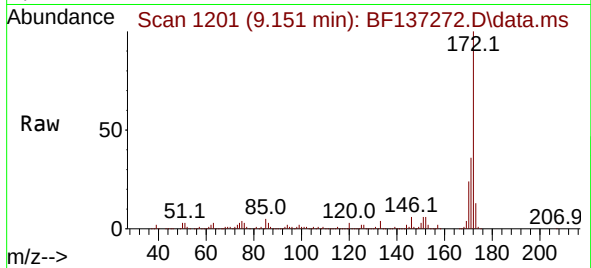




#45
2-Fluorobiphenyl
Concen: 113.741 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

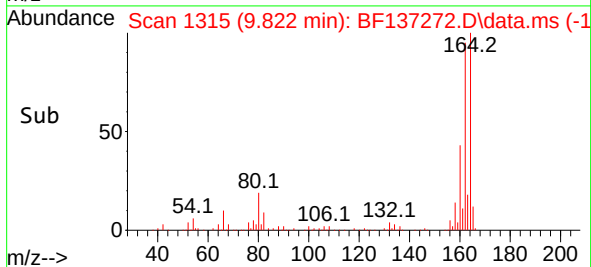
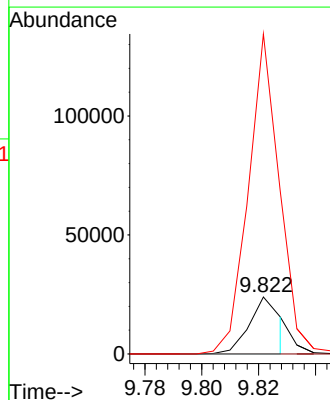
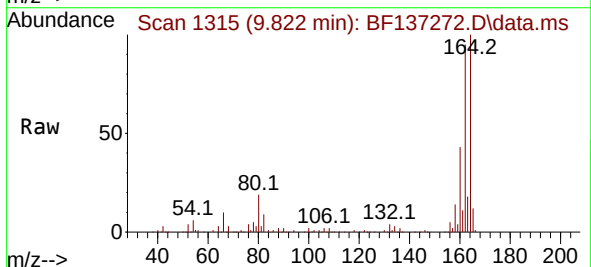
Instrument :
BNA_F
ClientSampleId :

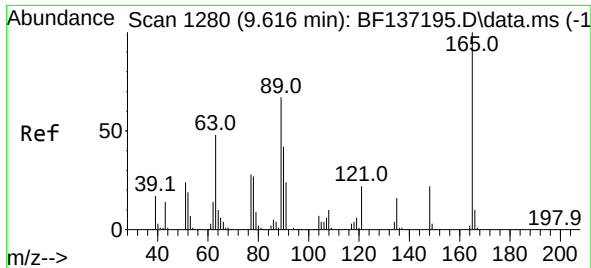
Tgt Ion:172 Resp: 860254
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 2.587 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

Tgt Ion:163 Resp: 18170
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 562.3 8.6 13.0#

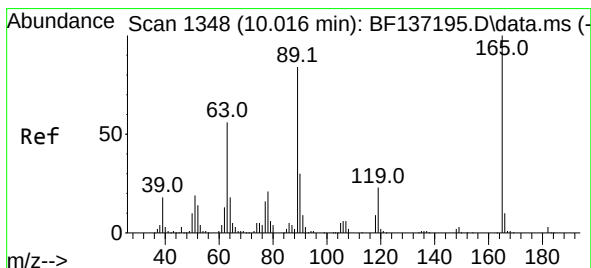
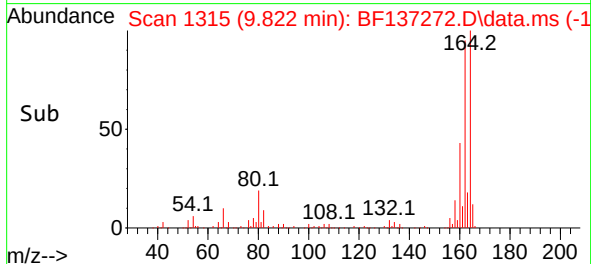
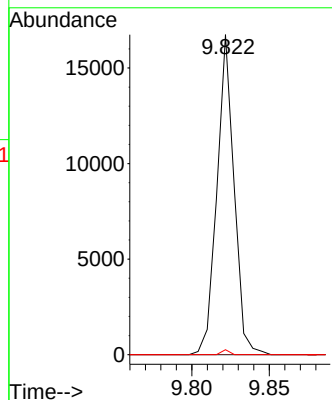
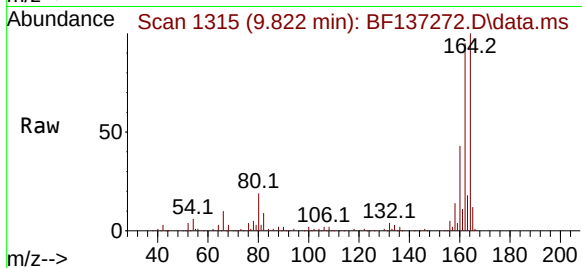




#51
2,6-Dinitrotoluene
Concen: 8.589 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

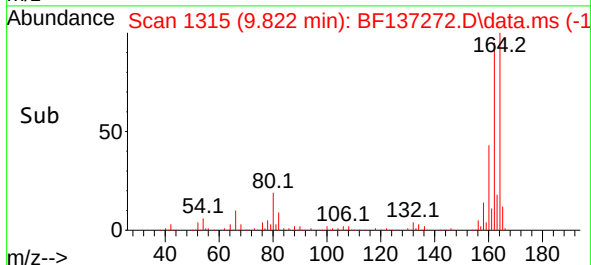
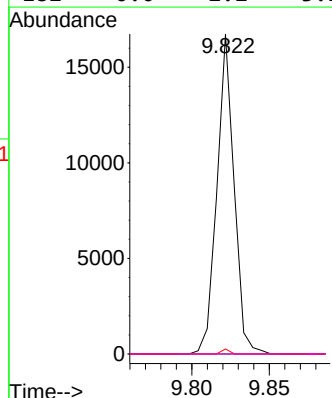
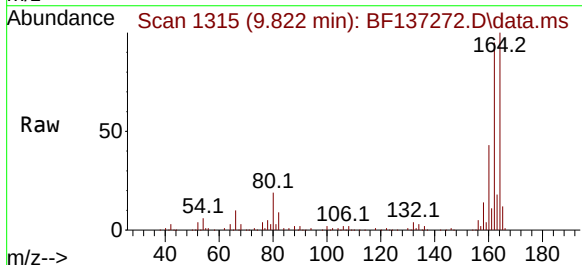
Instrument :
BNA_F
ClientSampleId :

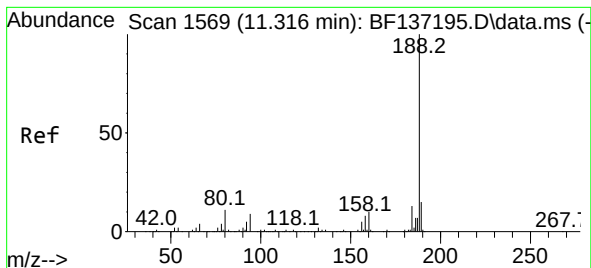
Tgt Ion:165 Resp: 12865
Ion Ratio Lower Upper
165 100
63 0.0 55.1 82.7#
89 1.5 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.620 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

Tgt Ion:165 Resp: 12865
Ion Ratio Lower Upper
165 100
63 0.0 46.1 69.1#
89 1.5 67.5 101.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

Instrument :

BNA_F

ClientSampleId :

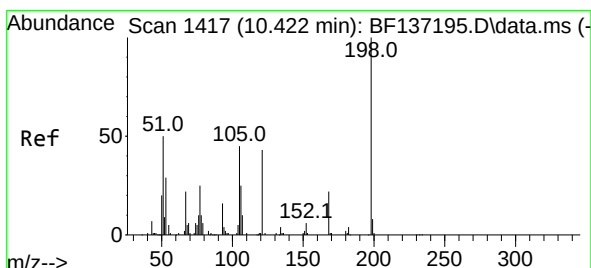
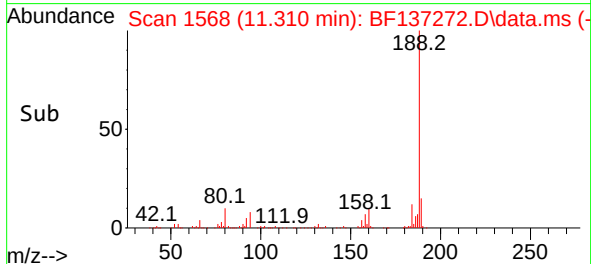
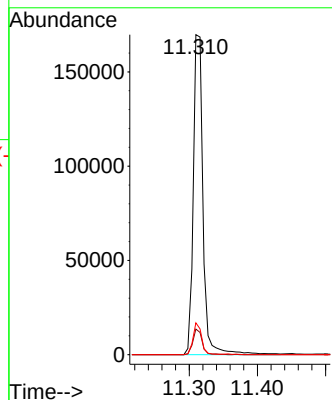
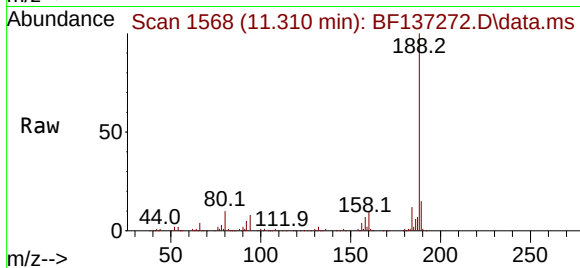
Tgt Ion:188 Resp: 166465

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

80 9.9 8.8 13.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.899 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF137272.D

Acq: 05 Feb 2024 12:12

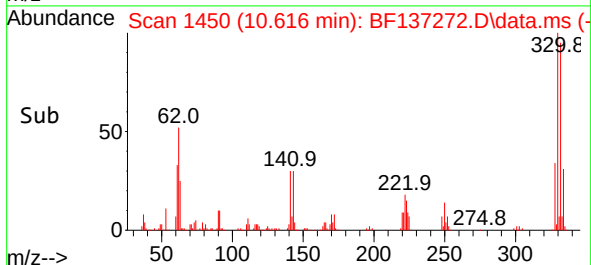
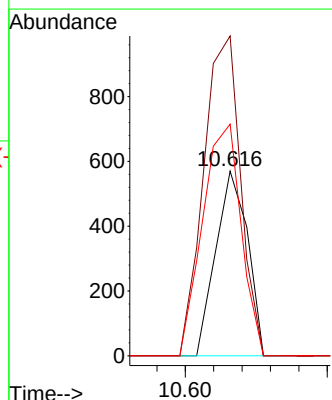
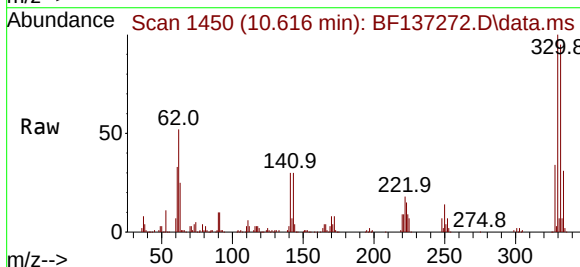
Tgt Ion:198 Resp: 442

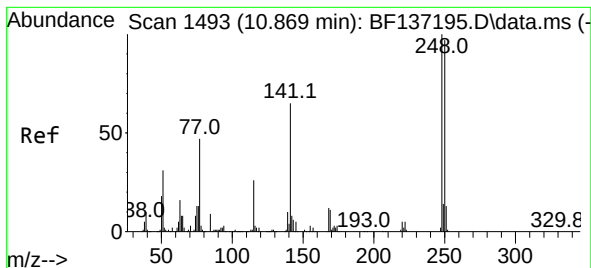
Ion Ratio Lower Upper

198 100

51 173.2 40.9 80.9#

105 125.4 26.5 66.5#

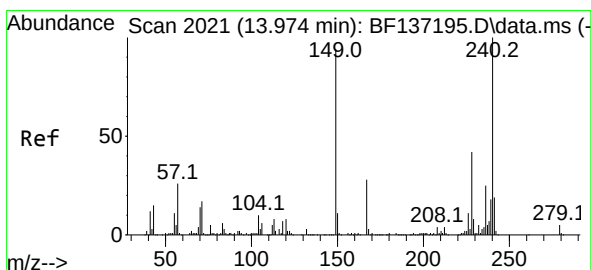
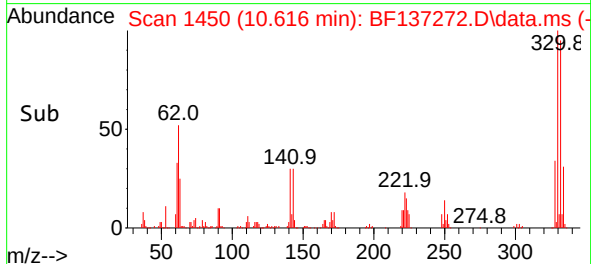
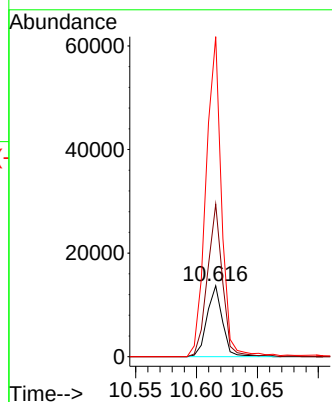
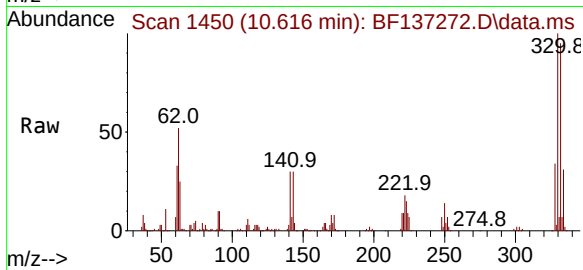




#67
4-Bromophenyl-phenylether
Concen: 6.579 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

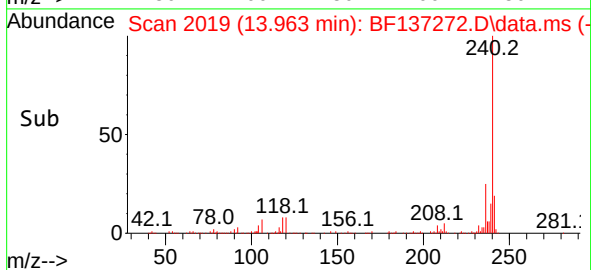
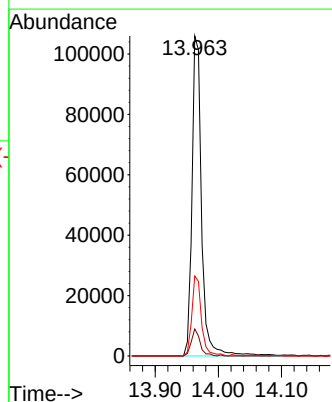
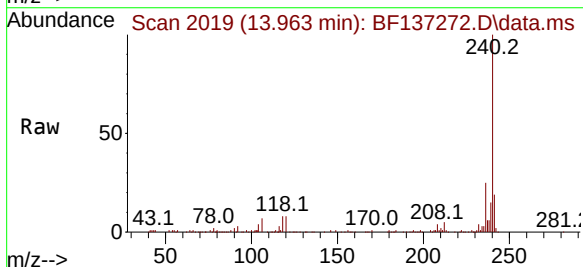
Instrument :
BNA_F
ClientSampleId :

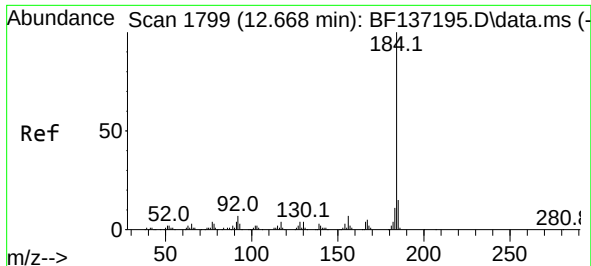
Tgt Ion:248 Resp: 12043
Ion Ratio Lower Upper
248 100
250 215.3 77.7 116.5#
141 451.9 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

Tgt Ion:240 Resp: 112555
Ion Ratio Lower Upper
240 100
120 8.5 6.3 9.5
236 25.0 20.3 30.5

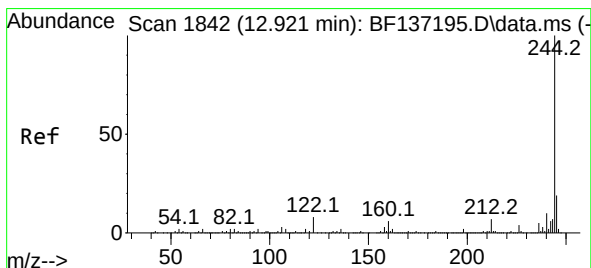
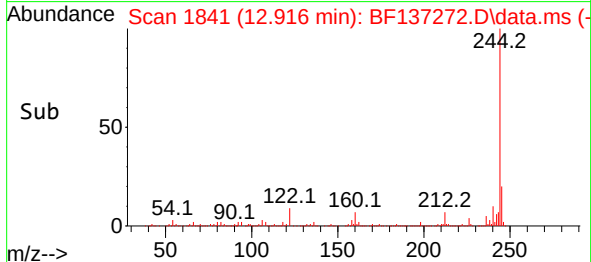
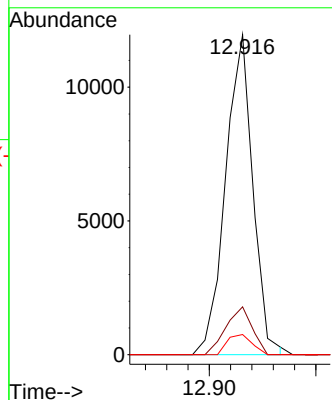
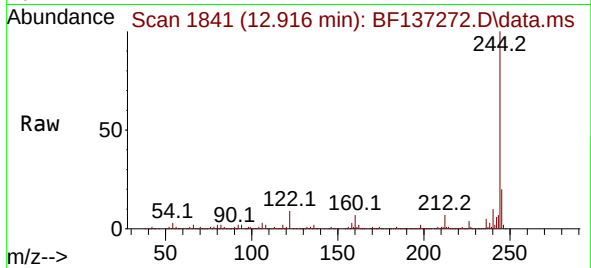




#77
Benzidine
Concen: 5.291 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.248 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

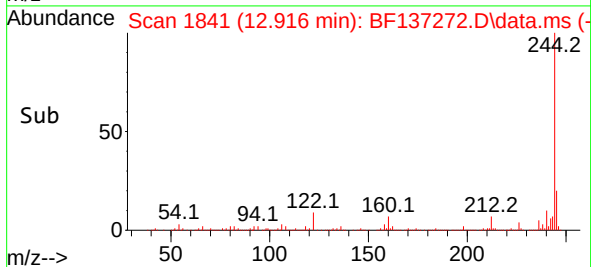
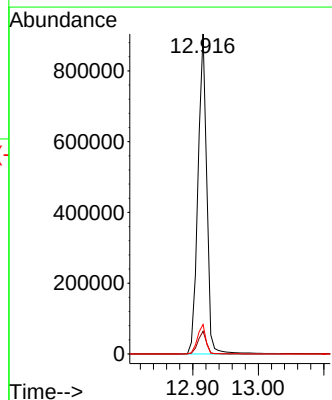
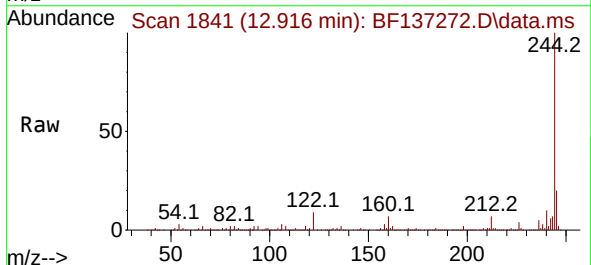
Instrument :
BNA_F
ClientSampleId :

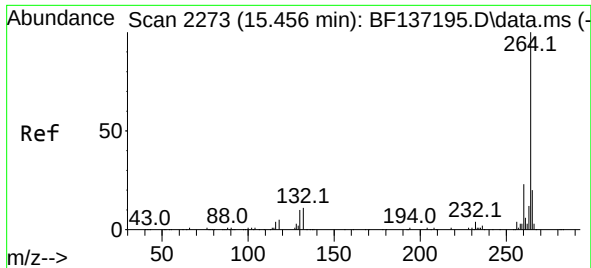
Tgt Ion:184 Resp: 10663
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 6.3 8.8 13.2#



#79
Terphenyl-d14
Concen: 101.900 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

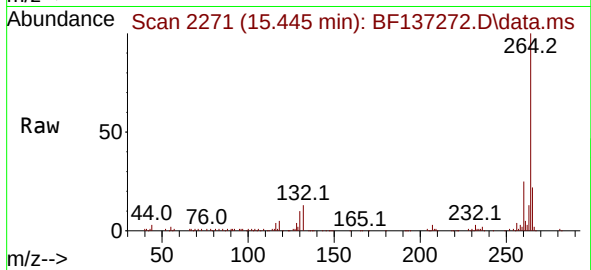
Tgt Ion:244 Resp: 843681
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 9.2 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137272.D
Acq: 05 Feb 2024 12:12

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:	264	Resp:	79675
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.2	27.4
265	21.7	16.2	24.2

