

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137270.D
 Acq On : 05 Feb 2024 11:06
 Operator : CG\JU
 Sample : PB158784BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 11:43:11 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)

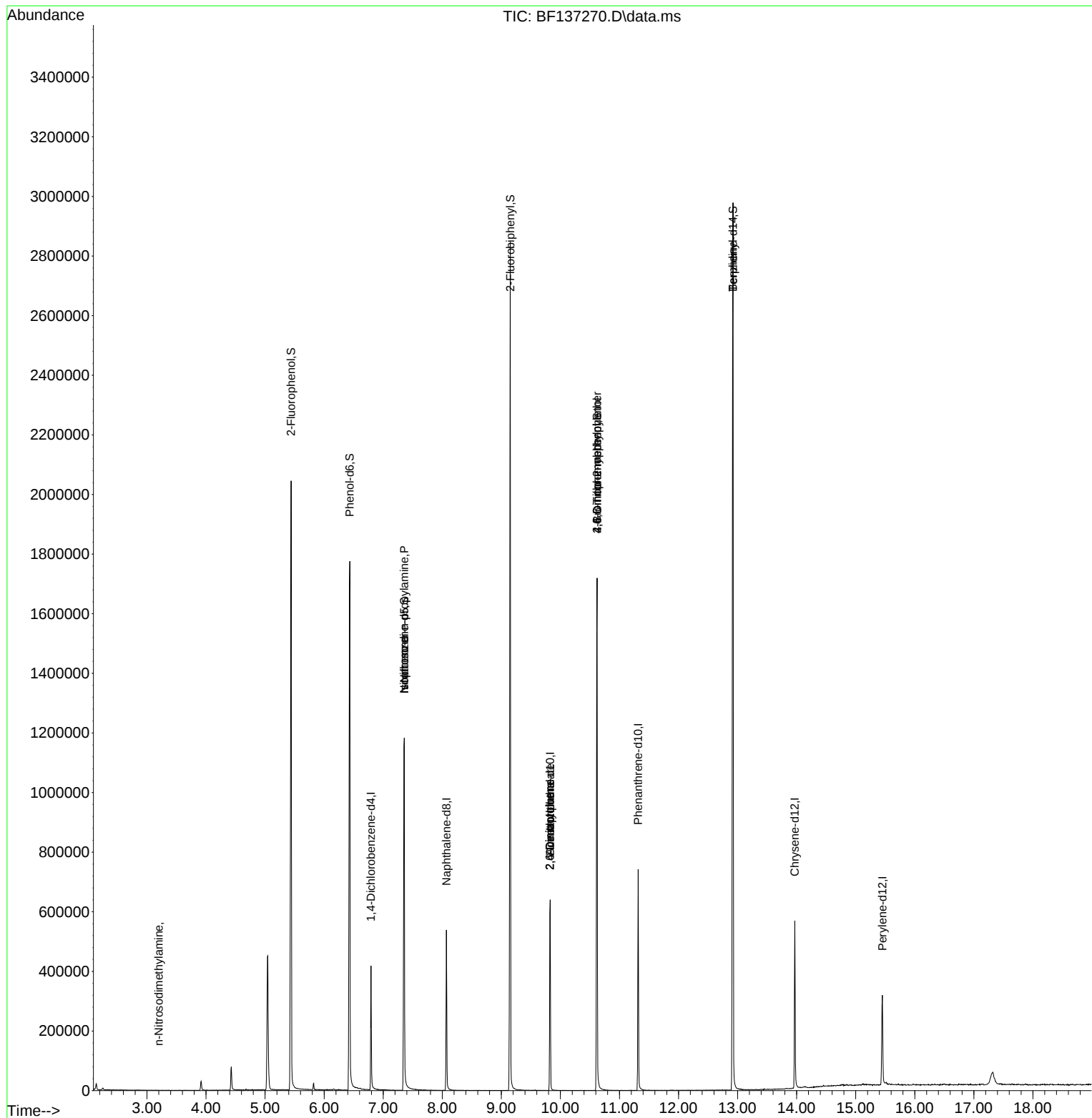
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	58179	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	226237	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	137860	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	266648	20.000	ng	0.00
76) Chrysene-d12	13.969	240	199223	20.000	ng	0.00
86) Perylene-d12	15.451	264	157103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	546743	155.068	ng	0.02
7) Phenol-d6	6.434	99	709136	140.933	ng	0.00
23) Nitrobenzene-d5	7.357	82	474053	93.814	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	223248	143.390	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	882908	88.039	ng	0.00
79) Terphenyl-d14	12.922	244	1165118	79.505	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.199	42	56	6.085	ng	# 1
19) n-Nitroso-di-n-propyla...	7.357	70	65950	19.116	ng	# 74
25) Isophorone	7.357	82	474050	50.825	ng	# 67
50) Dimethylphthalate	9.828	163	26164	2.809	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	17270	8.696	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	17270	6.702	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.622	198	373	5.689	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	14755	5.032	ng	# 1
77) Benzidine	12.922	184	14216	3.985	ng	# 95

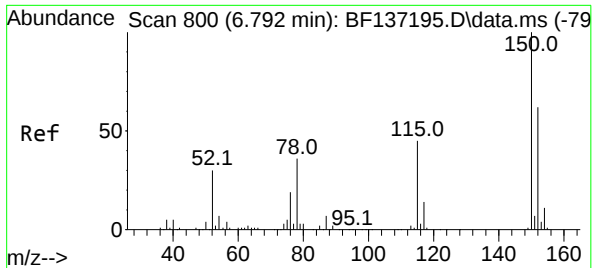
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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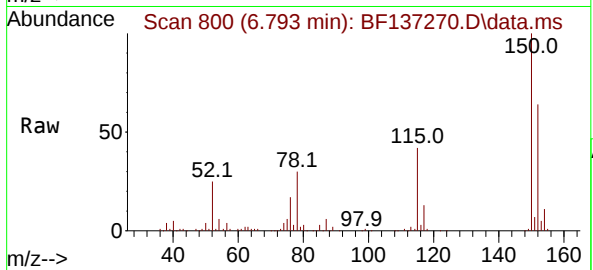
Quant Time: Feb 05 11:43:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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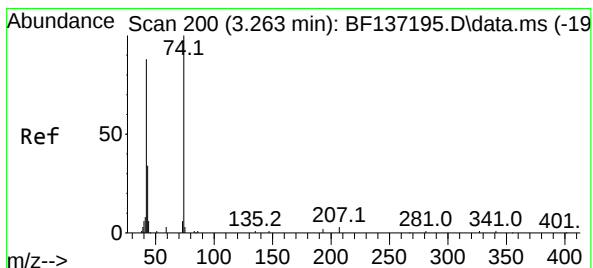
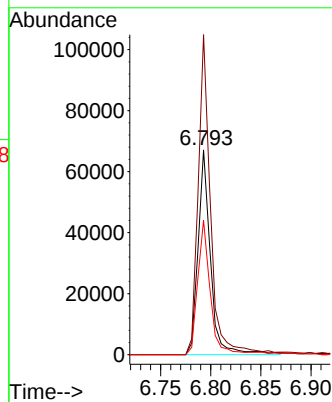
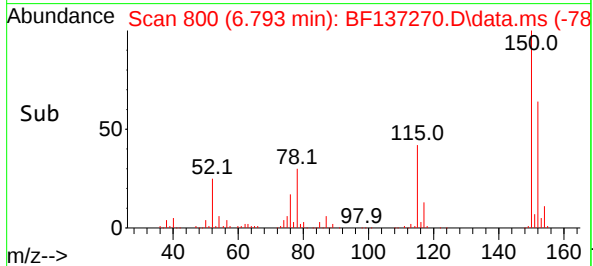


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

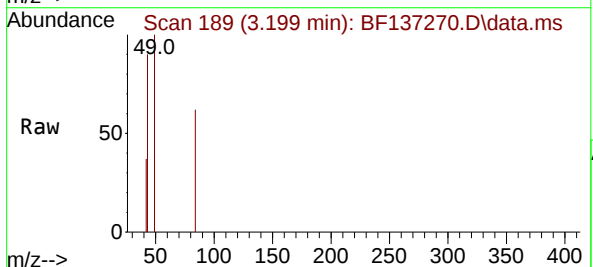
Instrument :
BNA_F
ClientSampleId :



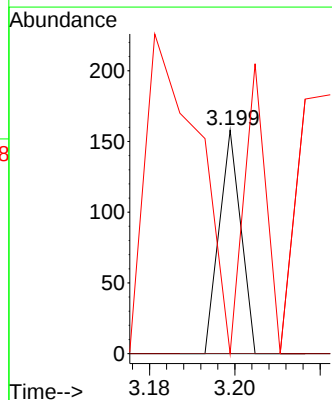
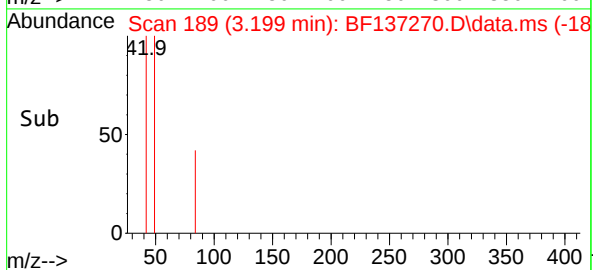
Tgt Ion:152 Resp: 58179
Ion Ratio Lower Upper
152 100
150 156.3 129.8 194.8
115 65.6 58.5 87.7

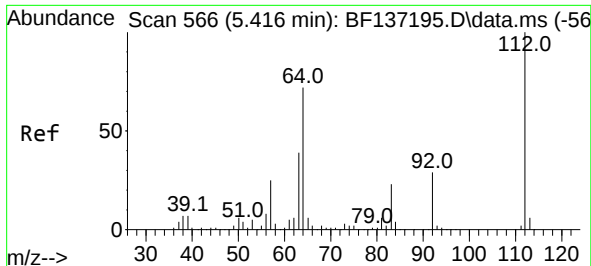


#4
n-Nitrosodimethylamine
Concen: 6.085 ng
RT: 3.199 min Scan# 189
Delta R.T. -0.064 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06



Tgt Ion: 42 Resp: 56
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 0.0 6.1 9.1#

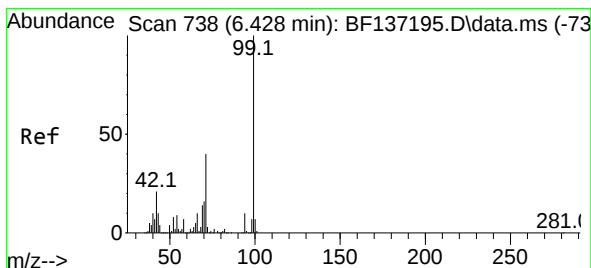
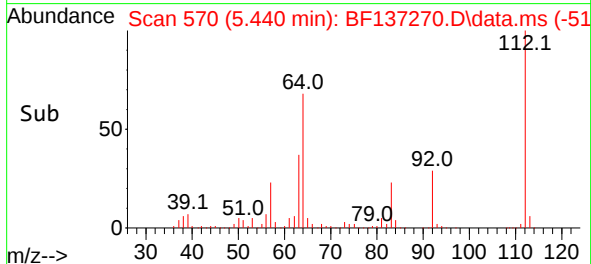
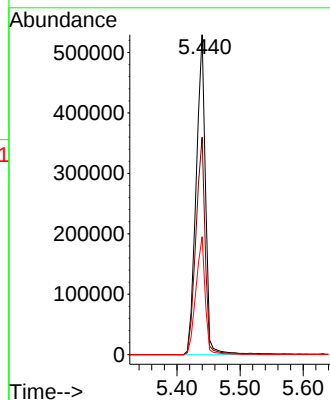
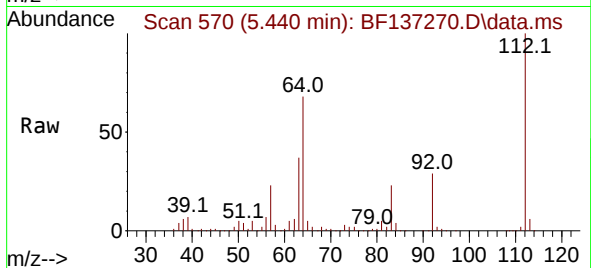




#5
2-Fluorophenol
Concen: 155.068 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

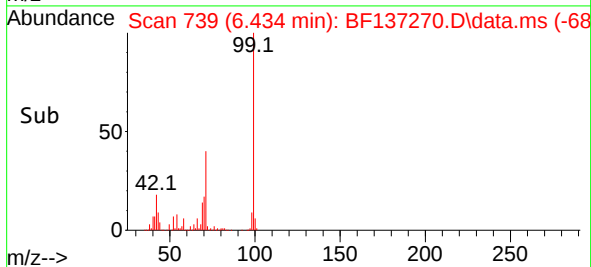
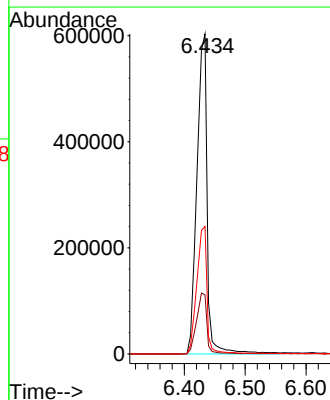
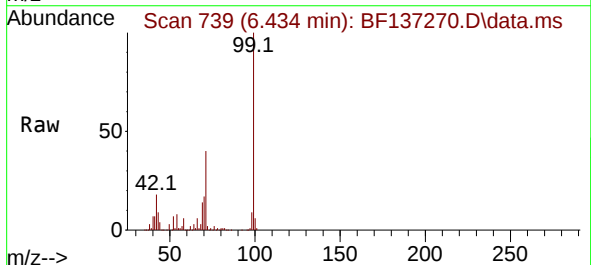
Instrument :
BNA_F
ClientSampleId :

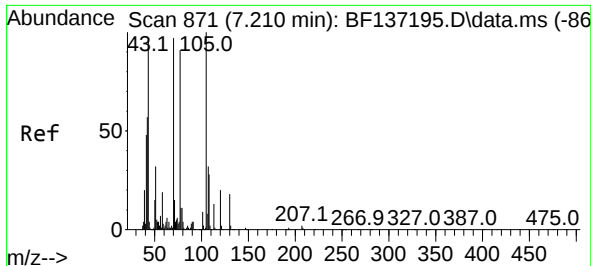
Tgt Ion:112 Resp: 546743
Ion Ratio Lower Upper
112 100
64 67.9 57.8 86.6
63 36.9 31.4 47.0



#7
Phenol-d6
Concen: 140.933 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

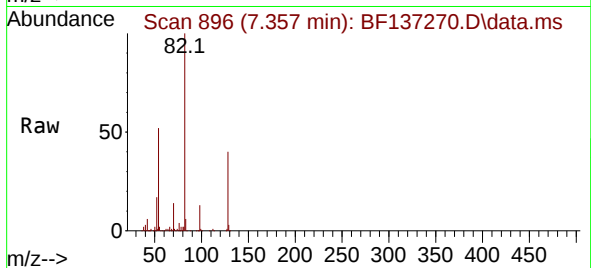
Tgt Ion: 99 Resp: 709136
Ion Ratio Lower Upper
99 100
42 18.5 16.4 24.6
71 39.9 32.4 48.6



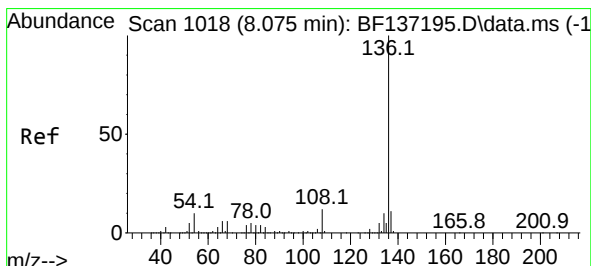
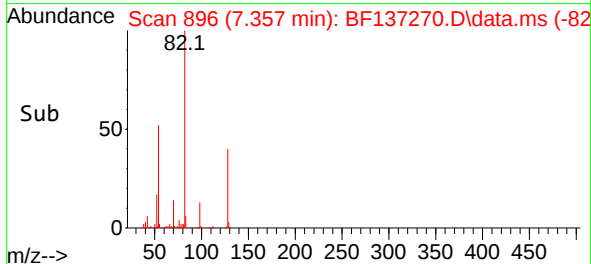
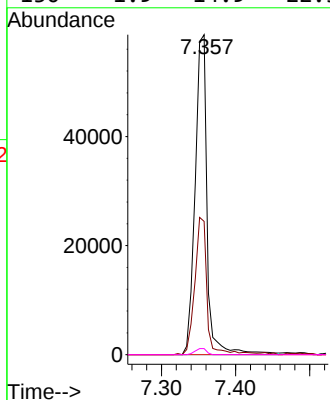


#19
n-Nitroso-di-n-propylamine
Concen: 19.116 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

Instrument :
BNA_F
ClientSampleId :

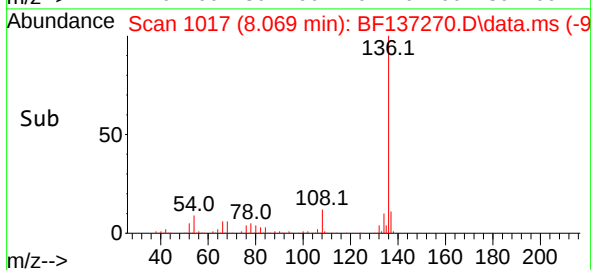
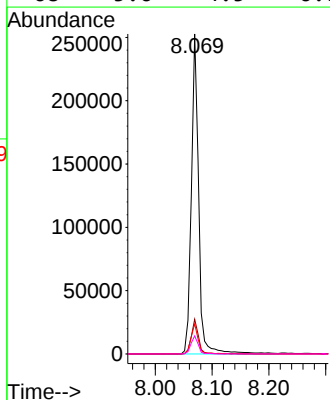
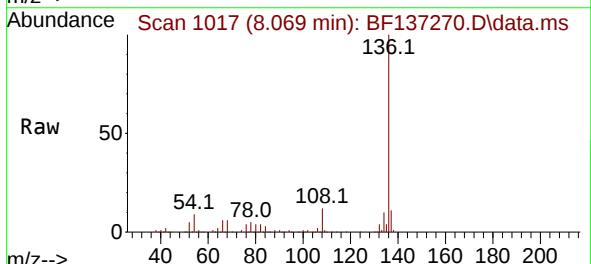


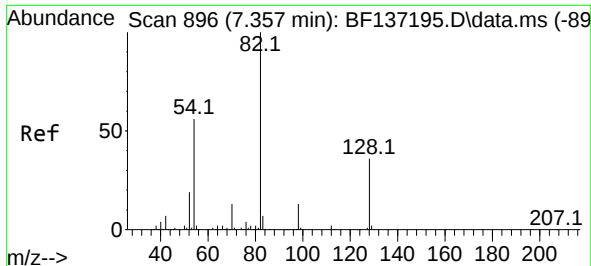
Tgt Ion: 70 Resp: 65950
Ion Ratio Lower Upper
70 100
42 41.6 47.2 70.8#
101 0.0 7.4 11.0#
130 1.9 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

Tgt Ion: 136 Resp: 226237
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.4 7.8 11.8
68 5.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 93.814 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

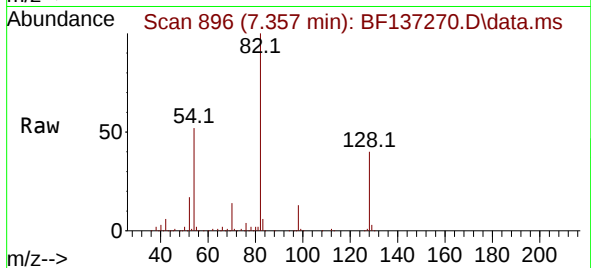
Lab File: BF137270.D

Acq: 05 Feb 2024 11:06

Instrument :

BNA_F

ClientSampleId :



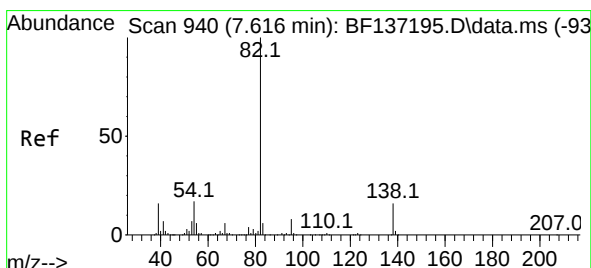
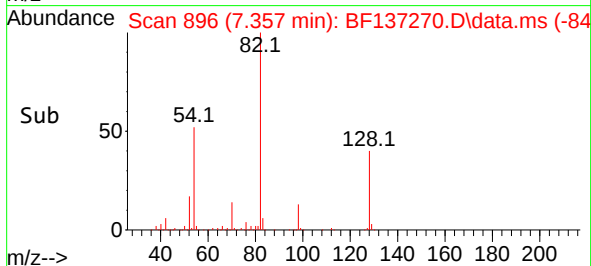
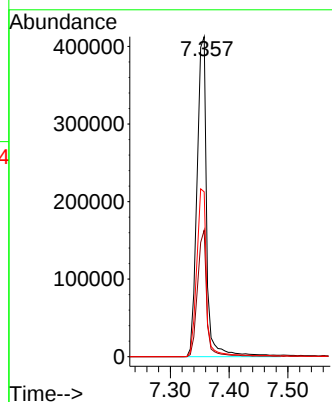
Tgt Ion: 82 Resp: 474053

Ion Ratio Lower Upper

82 100

128 39.6 29.1 43.7

54 51.5 45.0 67.6



#25

Isophorone

Concen: 50.825 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.258 min

Lab File: BF137270.D

Acq: 05 Feb 2024 11:06

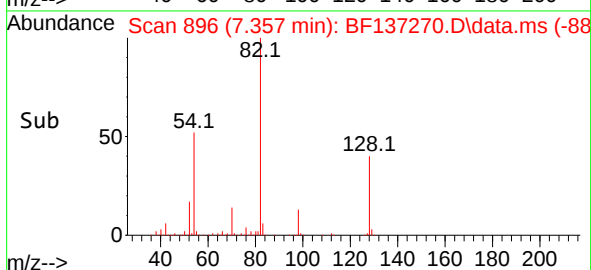
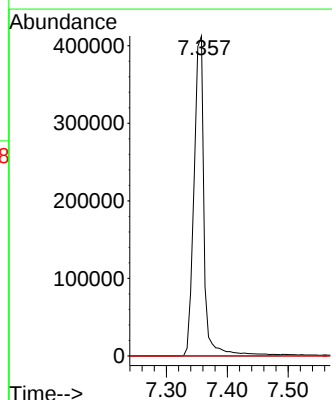
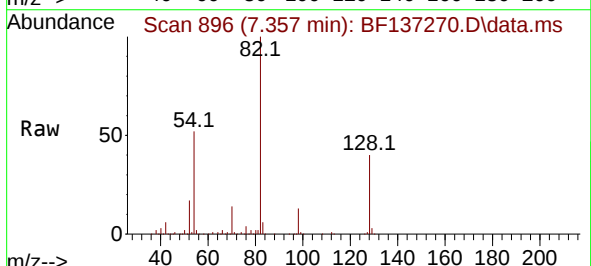
Tgt Ion: 82 Resp: 474050

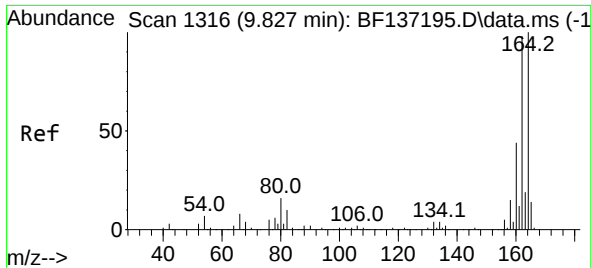
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

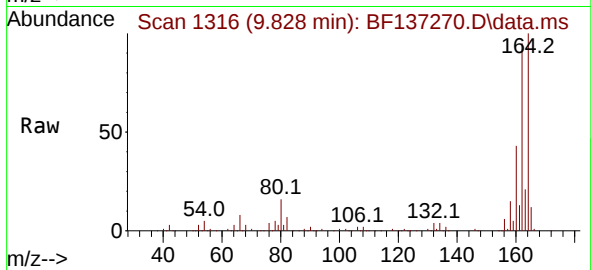
138 0.0 12.7 19.1#



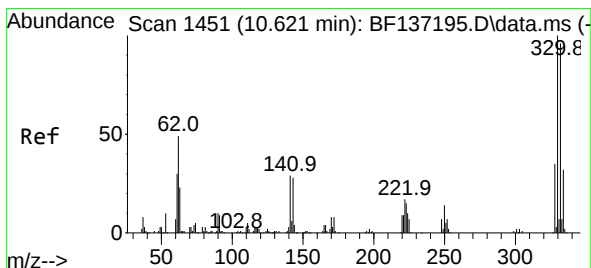
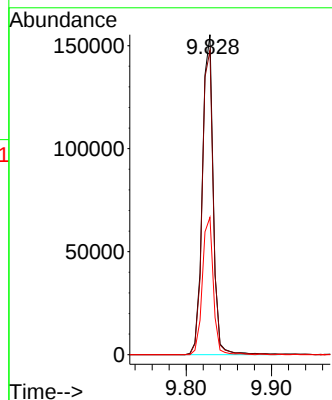
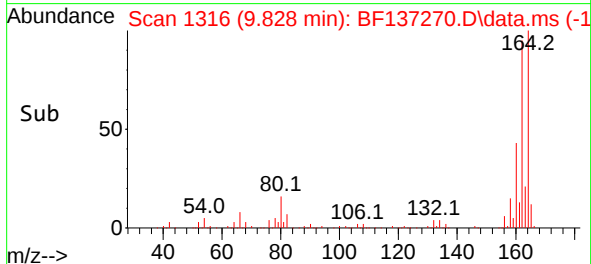


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

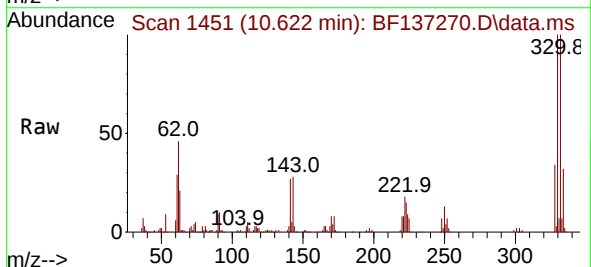
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BNA_F
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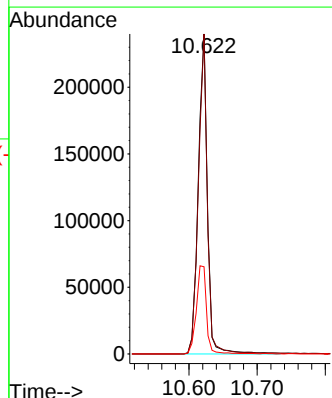
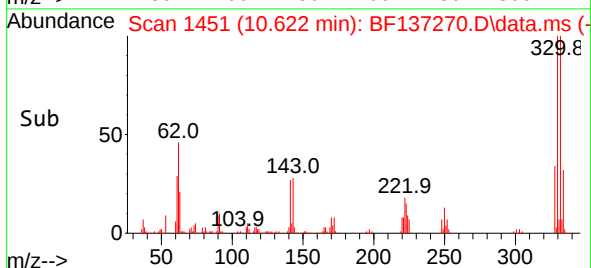
Tgt Ion:164 Resp: 137860
Ion Ratio Lower Upper
164 100
162 95.1 78.3 117.5
160 42.9 35.4 53.2

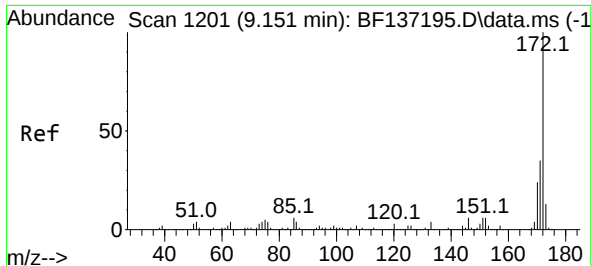


#42
2,4,6-Tribromophenol
Concen: 143.390 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06



Tgt Ion:330 Resp: 223248
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 30.6 25.2 37.8

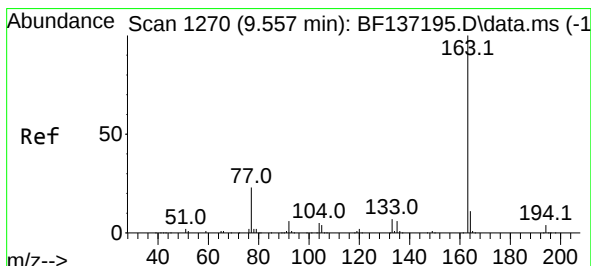
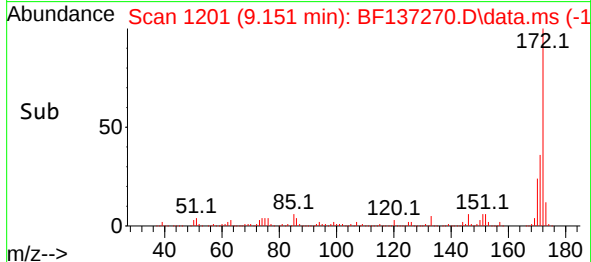
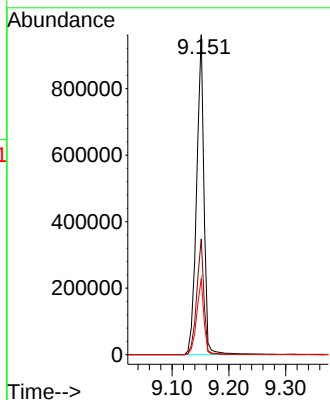
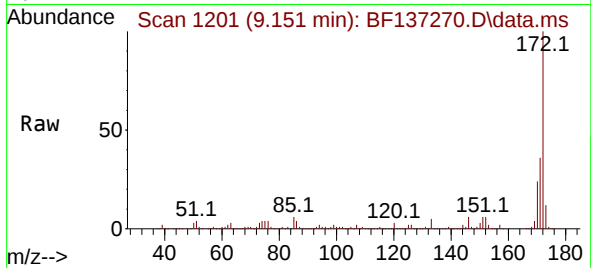




#45
2-Fluorobiphenyl
Concen: 88.039 ng
RT: 9.151 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

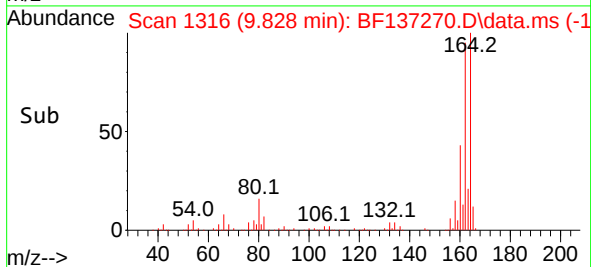
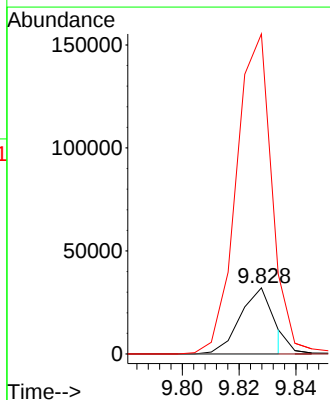
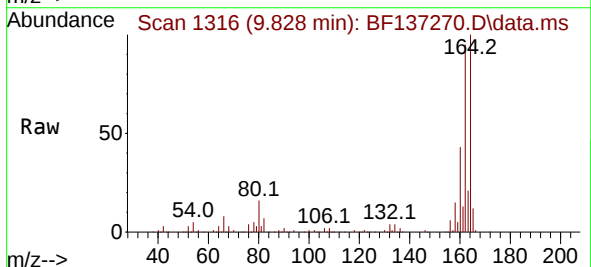
Instrument :
BNA_F
ClientSampleId :

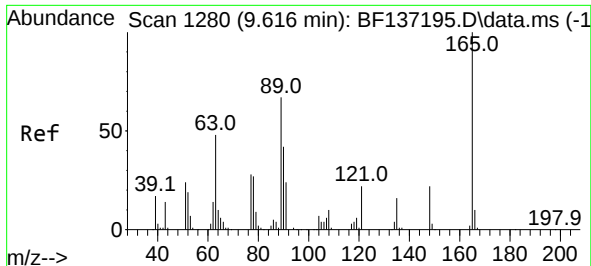
Tgt Ion:172 Resp: 882908
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 2.809 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.271 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

Tgt Ion:163 Resp: 26164
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 483.7 8.6 13.0#





#51

2,6-Dinitrotoluene

Concen: 8.696 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.206 min

Lab File: BF137270.D

Acq: 05 Feb 2024 11:06

Instrument :

BNA_F

ClientSampleId :

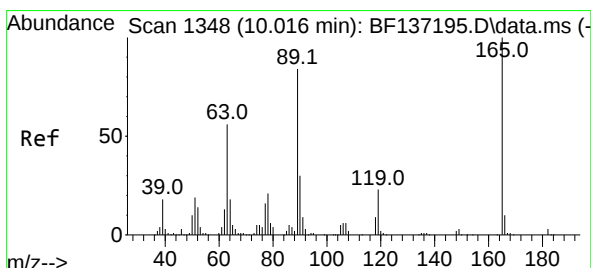
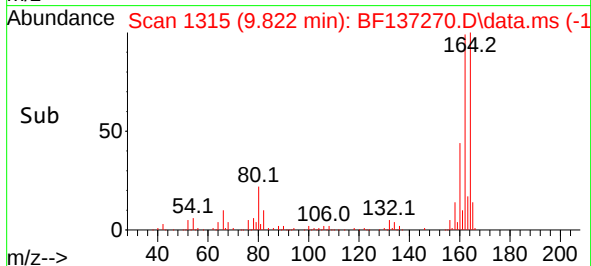
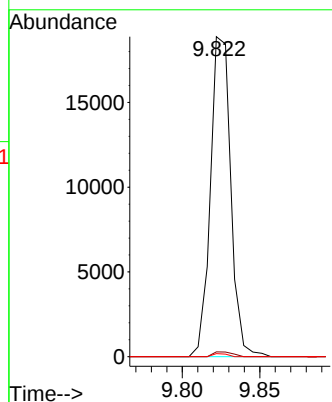
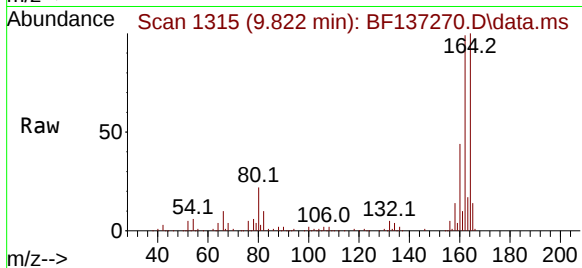
Tgt Ion:165 Resp: 17270

Ion Ratio Lower Upper

165 100

63 1.5 55.1 82.7#

89 1.0 53.5 80.3#



#57

2,4-Dinitrotoluene

Concen: 6.702 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.194 min

Lab File: BF137270.D

Acq: 05 Feb 2024 11:06

Tgt Ion:165 Resp: 17270

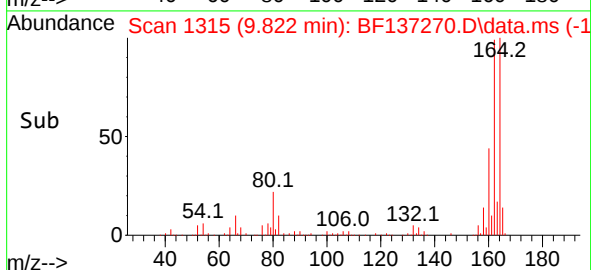
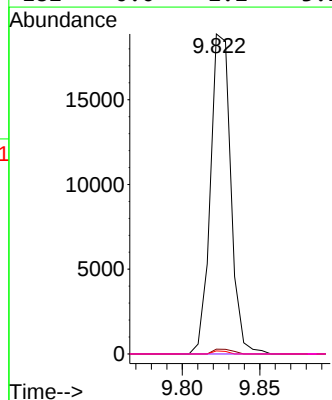
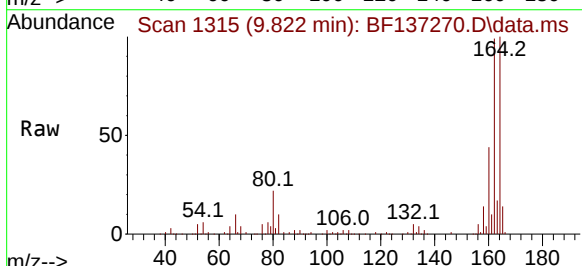
Ion Ratio Lower Upper

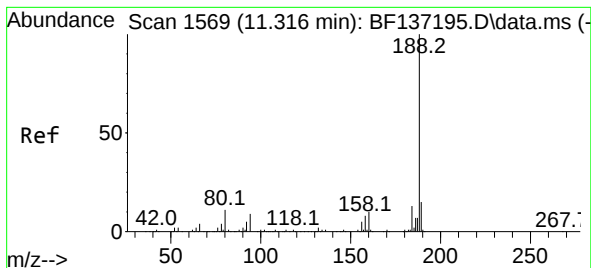
165 100

63 1.5 46.1 69.1#

89 1.0 67.5 101.3#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137270.D

Acq: 05 Feb 2024 11:06

Instrument :

BNA_F

ClientSampleId :

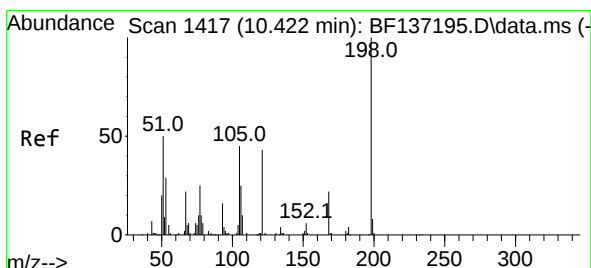
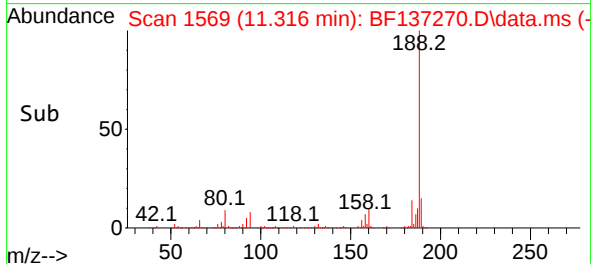
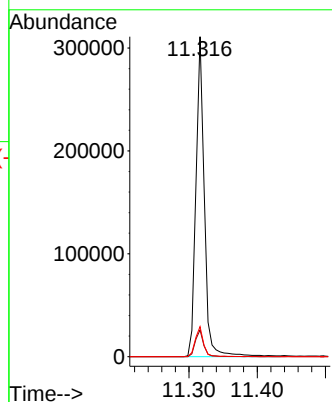
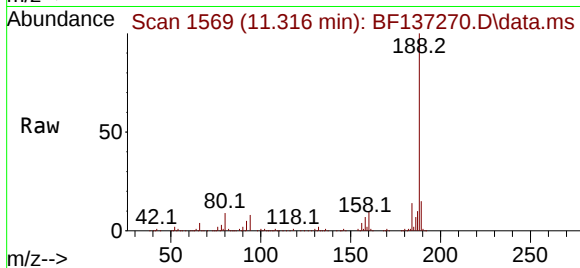
Tgt Ion:188 Resp: 266648

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.4 8.8 13.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.689 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.200 min

Lab File: BF137270.D

Acq: 05 Feb 2024 11:06

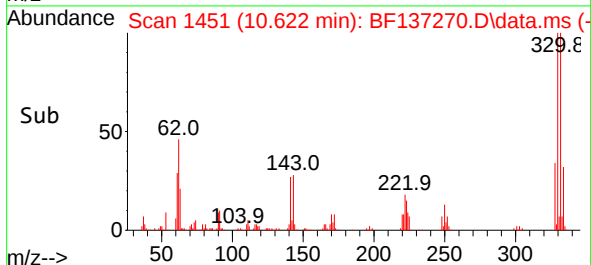
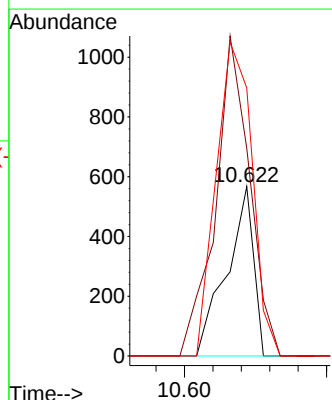
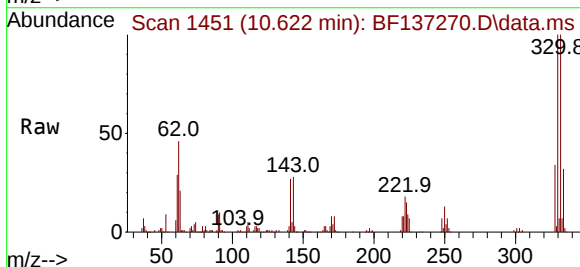
Tgt Ion:198 Resp: 373

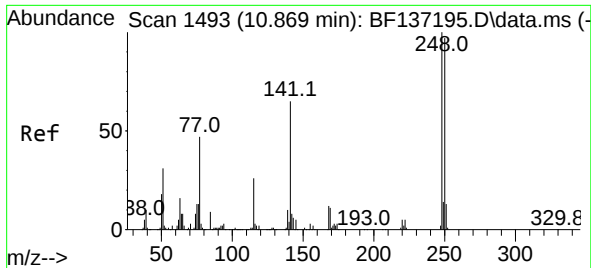
Ion Ratio Lower Upper

198 100

51 122.6 40.9 80.9#

105 158.2 26.5 66.5#

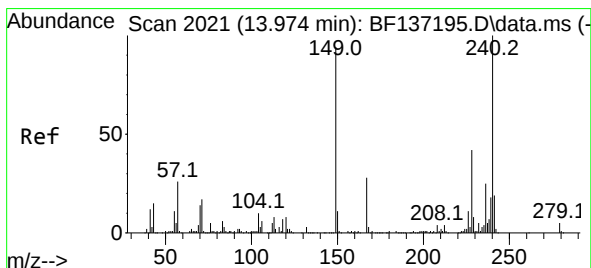
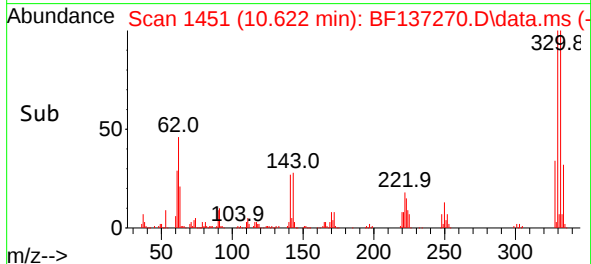
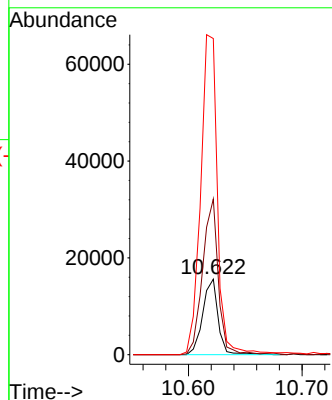
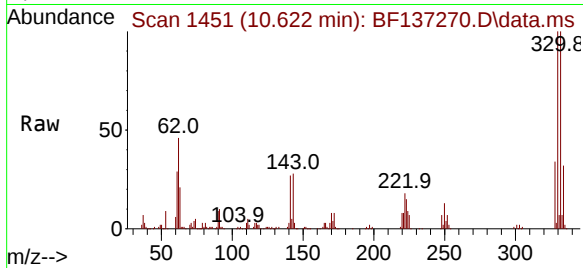




#67
4-Bromophenyl-phenylether
Concen: 5.032 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

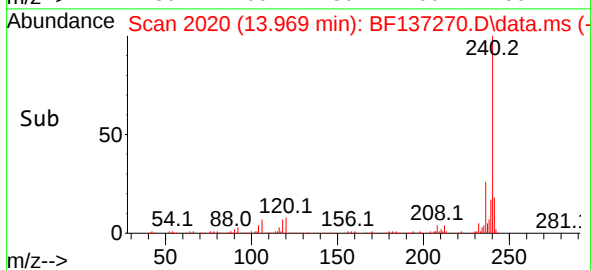
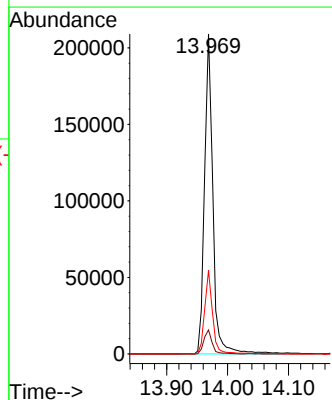
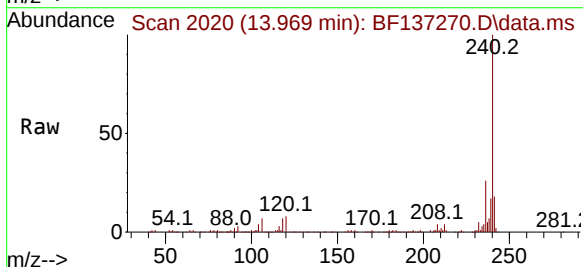
Instrument :
BNA_F
ClientSampleId :

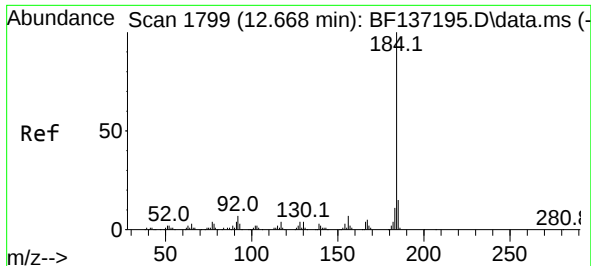
Tgt Ion:248 Resp: 14755
Ion Ratio Lower Upper
248 100
250 206.2 77.7 116.5#
141 418.8 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

Tgt Ion:240 Resp: 199223
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.2 20.3 30.5

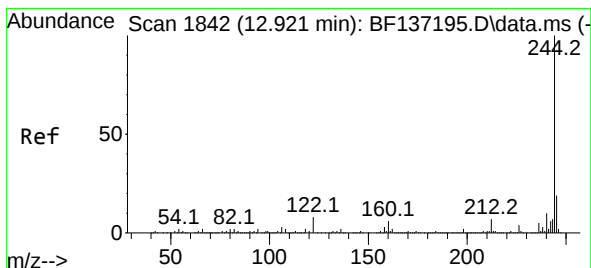
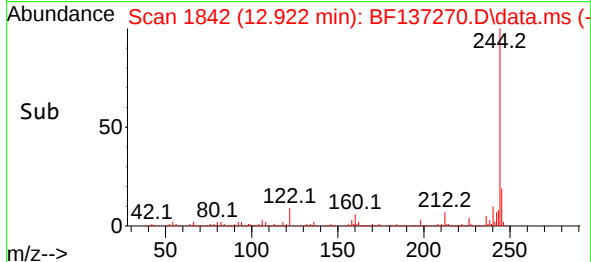
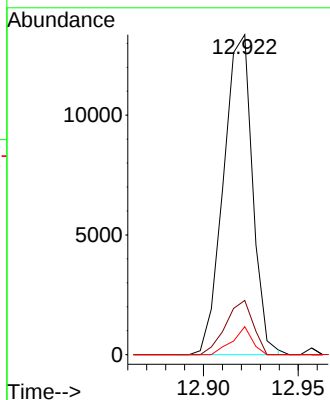
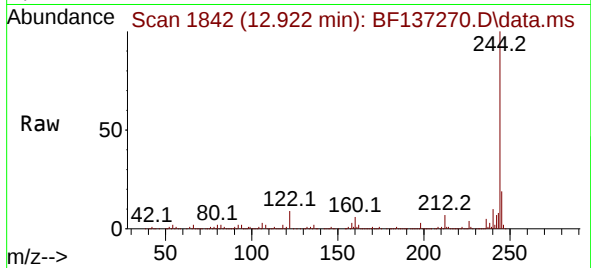




#77
Benzidine
Concen: 3.985 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.254 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

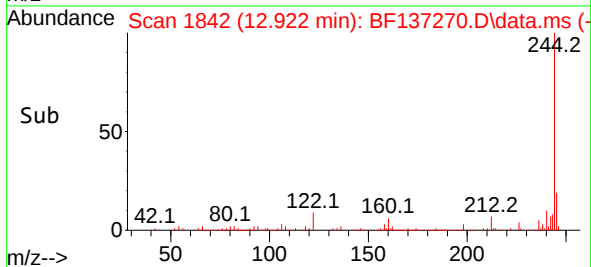
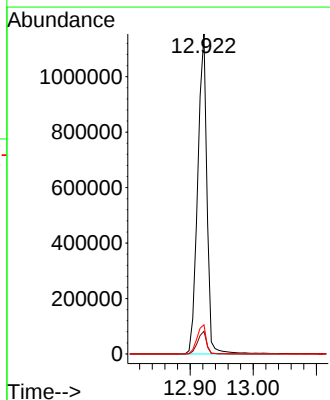
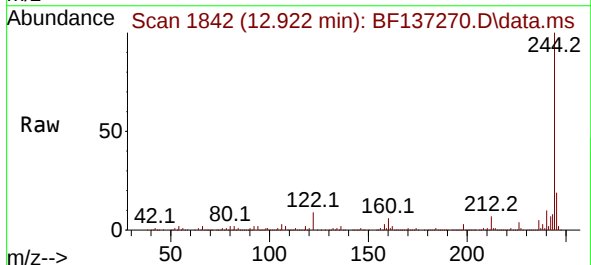
Instrument :
BNA_F
ClientSampleId :

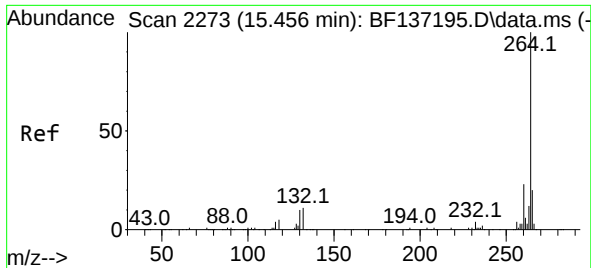
Tgt Ion:184 Resp: 14216
Ion Ratio Lower Upper
184 100
185 16.9 11.9 17.9
183 8.8 8.8 13.2#



#79
Terphenyl-d14
Concen: 79.505 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

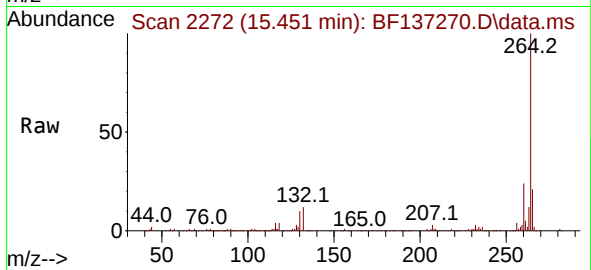
Tgt Ion:244 Resp: 1165118
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 9.1 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF137270.D
Acq: 05 Feb 2024 11:06

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 157103
Ion Ratio Lower Upper
264 100
260 24.2 18.2 27.4
265 20.9 16.2 24.2

