

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137300.D
 Acq On : 06 Feb 2024 19:22
 Operator : CG\JU
 Sample : P1141-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 07 01:04:28 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)

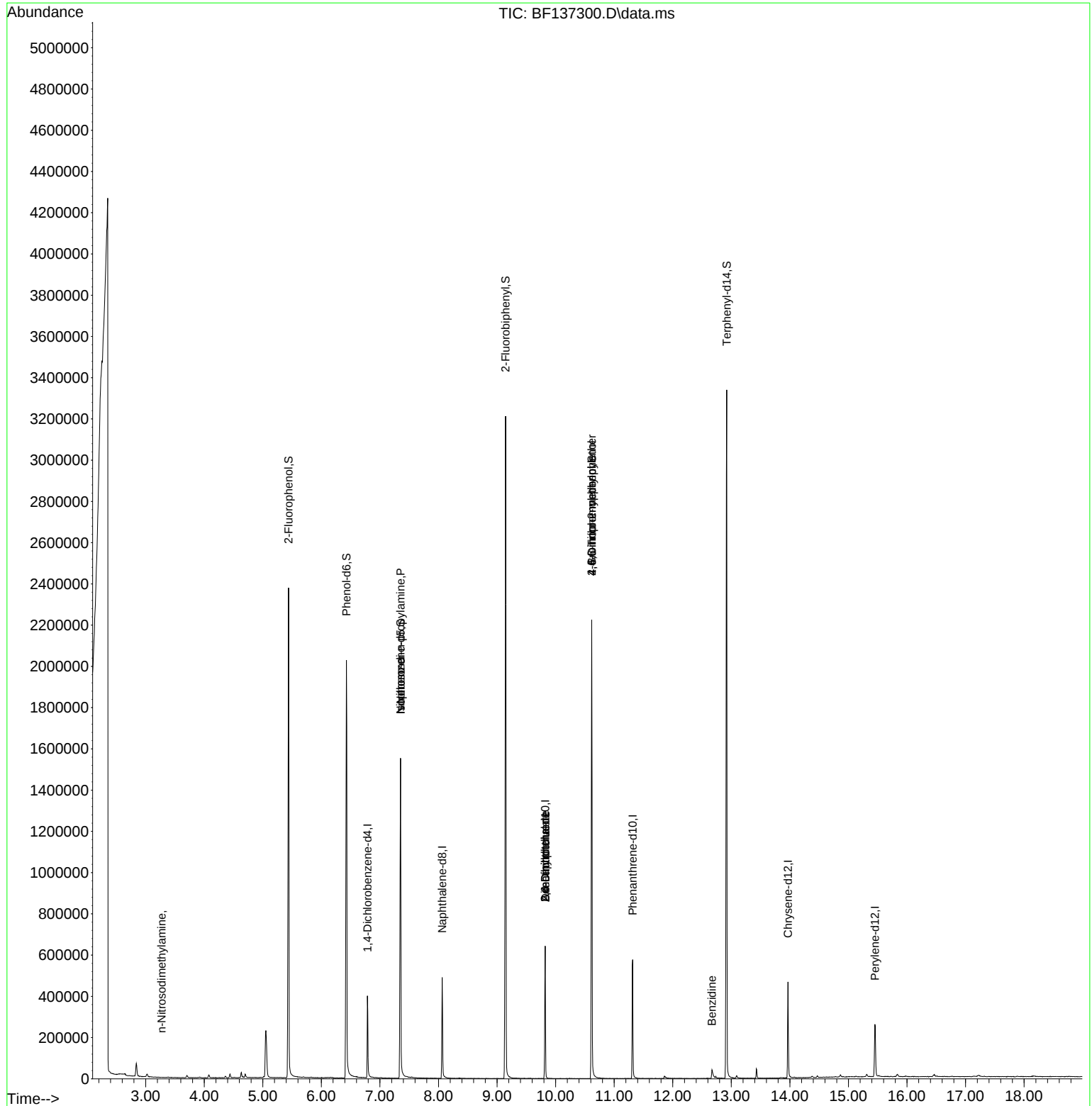
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	57997	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	217905	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	129161	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	240169	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	152779	20.000	ng	0.00
86) Perylene-d12	15.451	264	141848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	631097	179.554	ng	0.02
7) Phenol-d6	6.428	99	791274	157.751	ng	0.00
23) Nitrobenzene-d5	7.351	82	579817	119.132	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	282867	193.919	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1091466	116.165	ng	0.00
79) Terphenyl-d14	12.922	244	1264157	112.486	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.269	42	177	6.141	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	81466	23.688	ng	# 76
25) Isophorone	7.351	82	579812	64.541	ng	# 67
50) Dimethylphthalate	9.822	163	23947	2.744	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	16576	8.909	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	16576	6.866	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	640	5.901	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	18672	7.070	ng	# 1
77) Benzidine	12.669	184	36259	13.254	ng	96

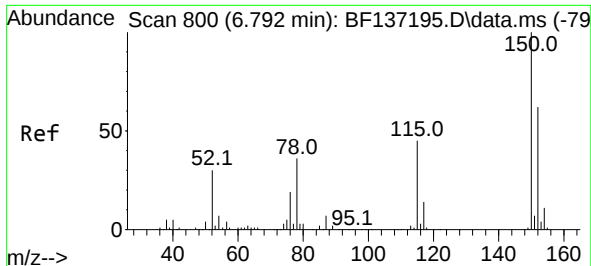
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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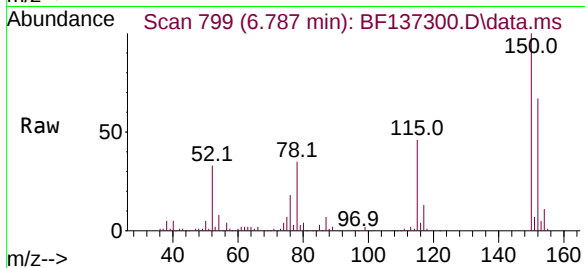
Quant Time: Feb 07 01:04:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
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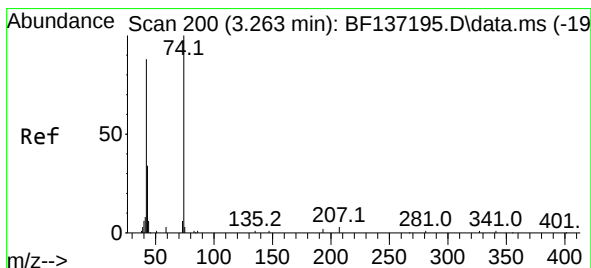
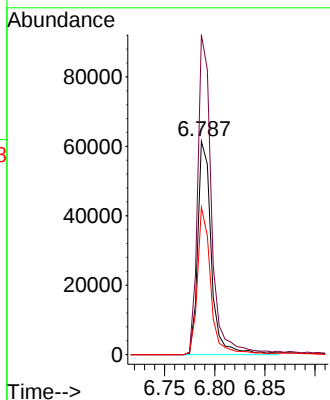
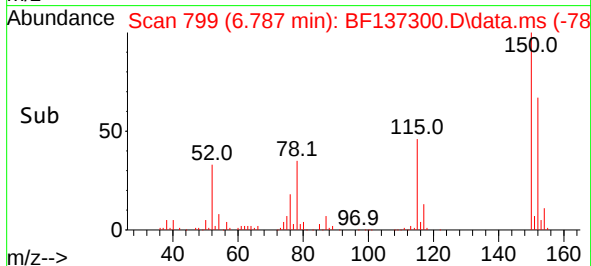


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137300.D
Acq: 06 Feb 2024 19:22

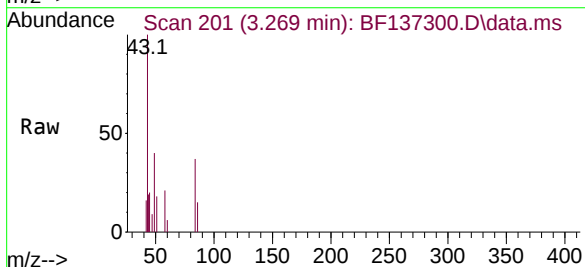
Instrument :
BNA_F
ClientSampleId :



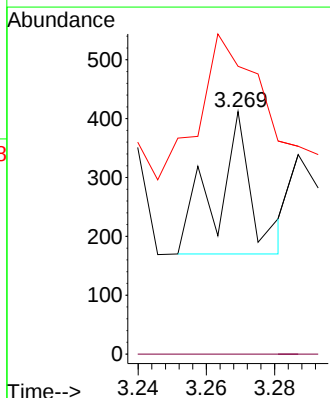
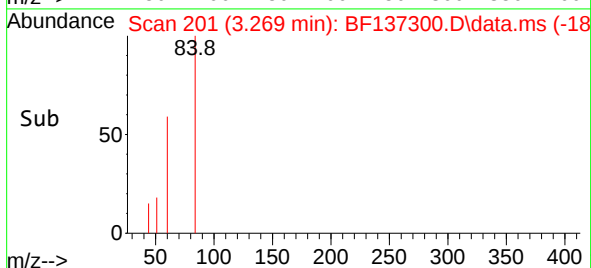
Tgt Ion:152 Resp: 57997
Ion Ratio Lower Upper
152 100
150 150.0 129.8 194.8
115 69.0 58.5 87.7

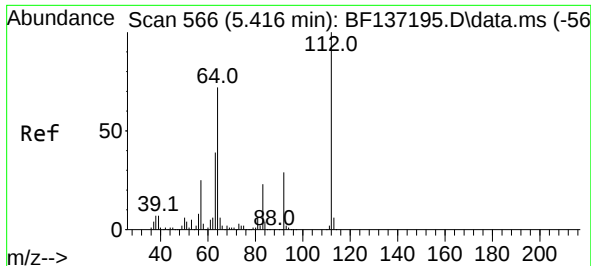


#4
n-Nitrosodimethylamine
Concen: 6.141 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.006 min
Lab File: BF137300.D
Acq: 06 Feb 2024 19:22



Tgt Ion: 42 Resp: 177
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 118.7 6.1 9.1#

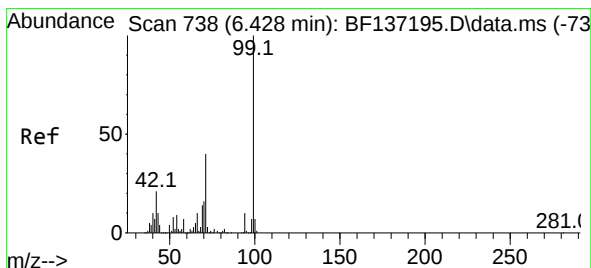
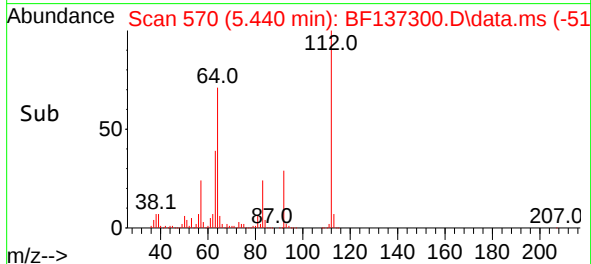
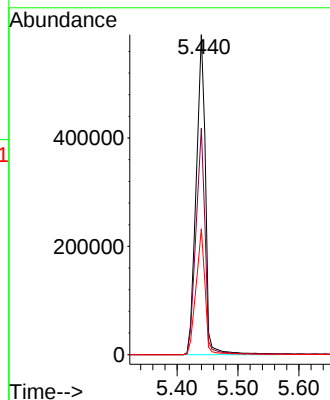
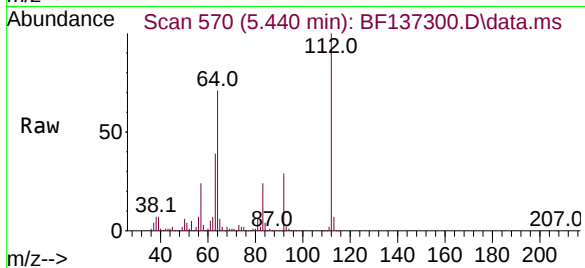




#5
2-Fluorophenol
Concen: 179.554 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137300.D
Acq: 06 Feb 2024 19:22

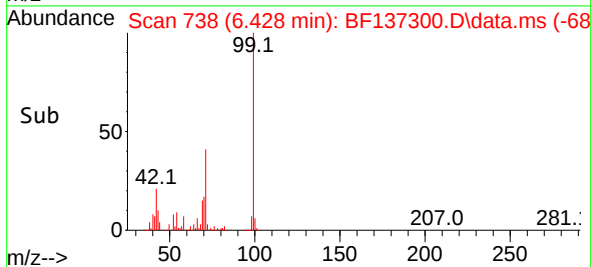
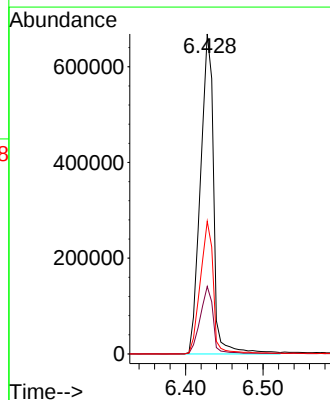
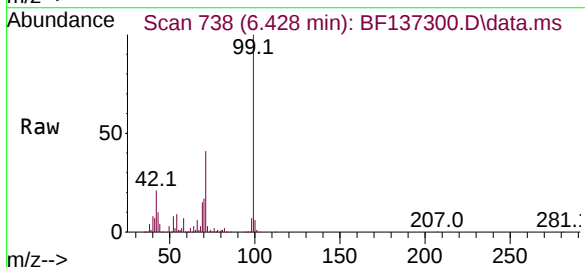
Instrument :
BNA_F
ClientSampleId :

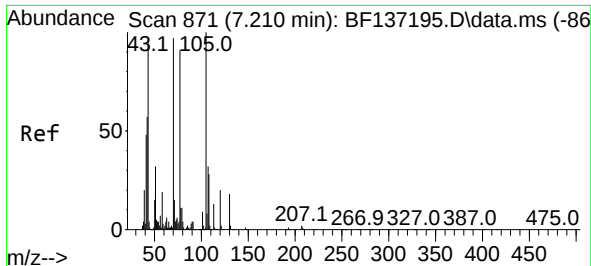
Tgt Ion:112 Resp: 631097
Ion Ratio Lower Upper
112 100
64 70.7 57.8 86.6
63 39.3 31.4 47.0



#7
Phenol-d6
Concen: 157.751 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137300.D
Acq: 06 Feb 2024 19:22

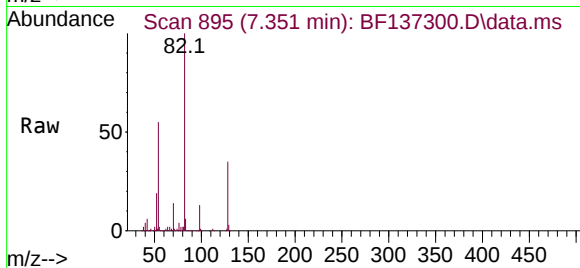
Tgt Ion: 99 Resp: 791274
Ion Ratio Lower Upper
99 100
42 21.1 16.4 24.6
71 41.4 32.4 48.6



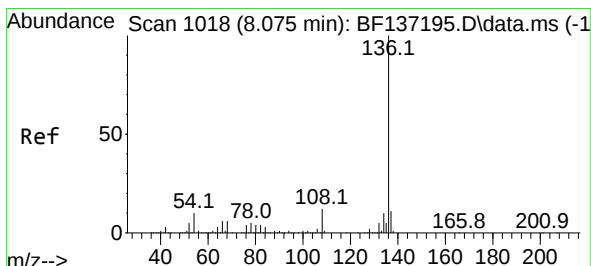
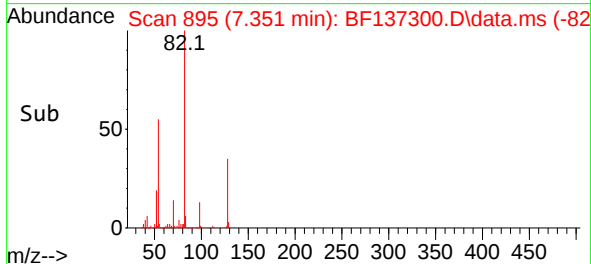
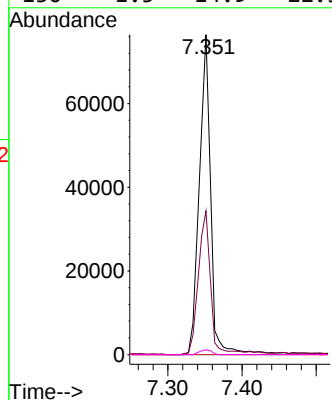


#19
n-Nitroso-di-n-propylamine
Concen: 23.688 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137300.D
Acq: 06 Feb 2024 19:22

Instrument :
BNA_F
ClientSampleId :

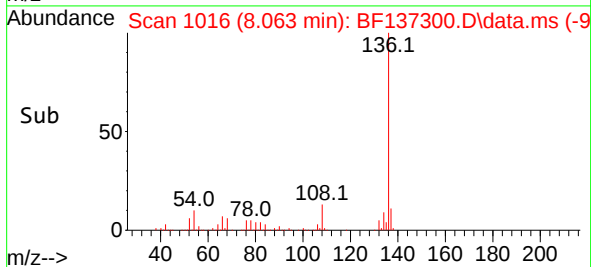
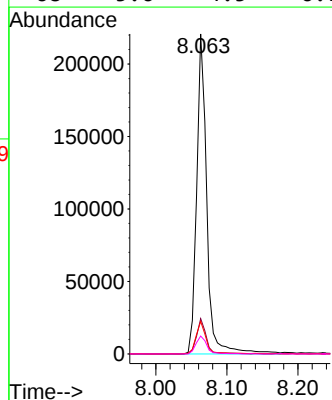
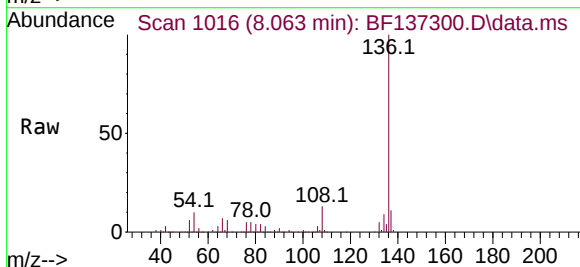


Tgt Ion: 70 Resp: 81466
Ion Ratio Lower Upper
70 100
42 44.9 47.2 70.8#
101 0.0 7.4 11.0#
130 1.5 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137300.D
Acq: 06 Feb 2024 19:22

Tgt Ion: 136 Resp: 217905
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.1 7.8 11.8
68 5.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 119.132 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

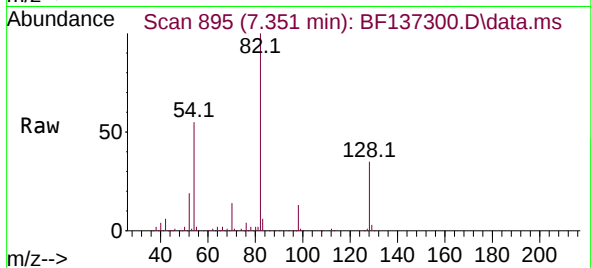
Lab File: BF137300.D

Acq: 06 Feb 2024 19:22

Instrument :

BNA_F

ClientSampleId :



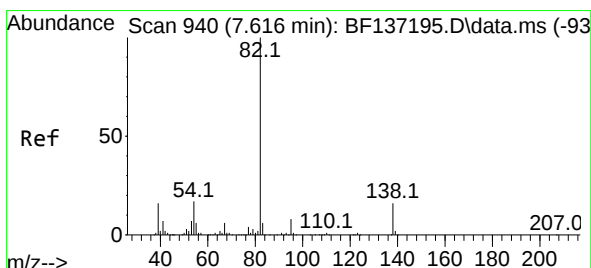
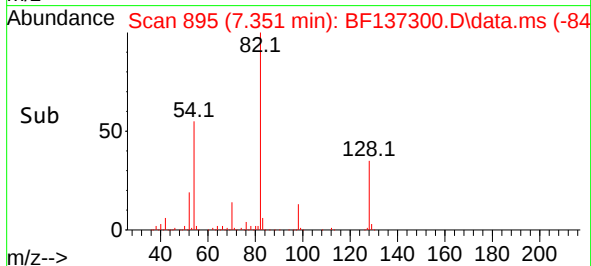
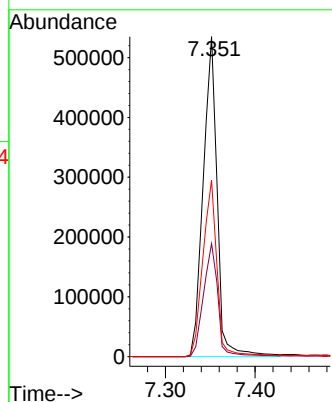
Tgt Ion: 82 Resp: 579817

Ion Ratio Lower Upper

82 100

128 35.4 29.1 43.7

54 55.1 45.0 67.6



#25

Isophorone

Concen: 64.541 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.264 min

Lab File: BF137300.D

Acq: 06 Feb 2024 19:22

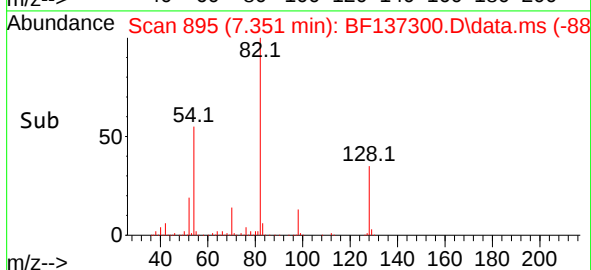
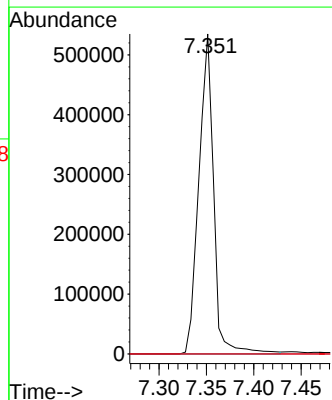
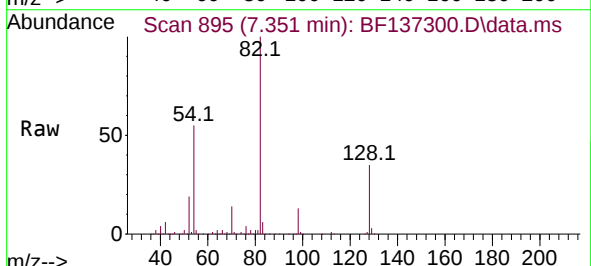
Tgt Ion: 82 Resp: 579812

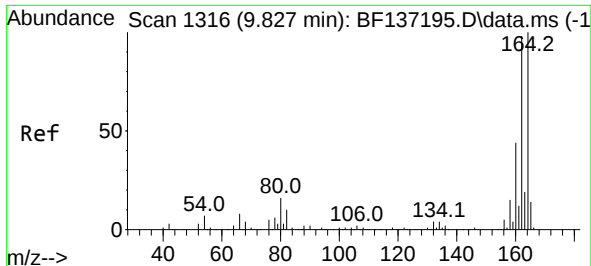
Ion Ratio Lower Upper

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# 1316

Delta R.T. -0.005 min

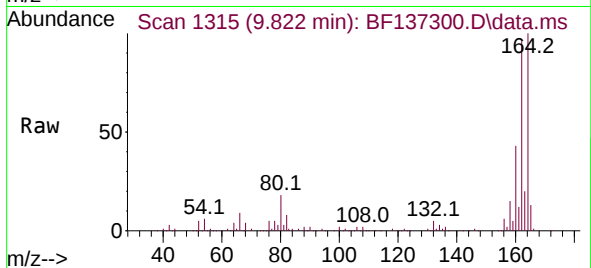
Lab File: BF137300.D

Acq: 06 Feb 2024 19:22

Instrument :

BNA_F

ClientSampleId :



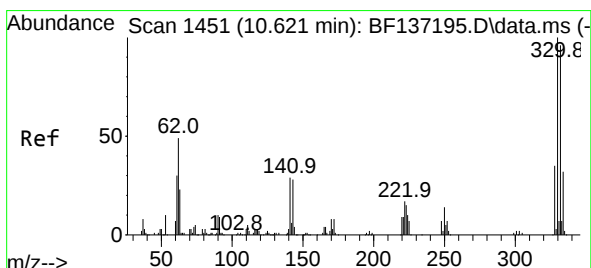
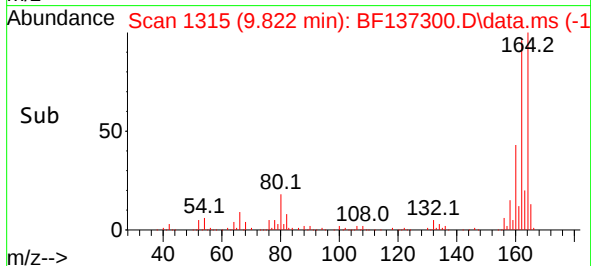
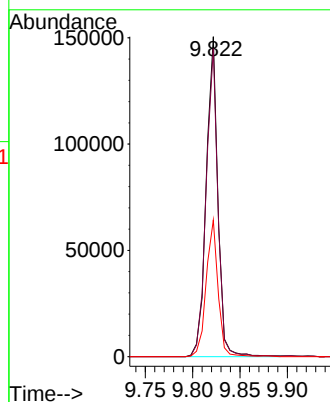
Tgt Ion:164 Resp: 129161

Ion Ratio Lower Upper

164 100

162 96.2 78.3 117.5

160 42.7 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 193.919 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137300.D

Acq: 06 Feb 2024 19:22

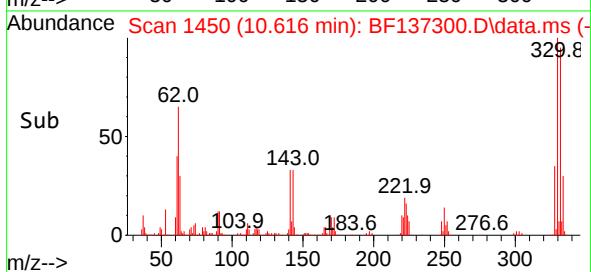
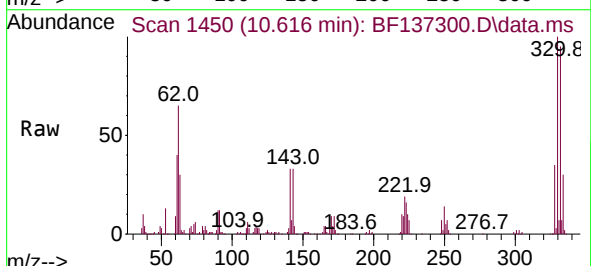
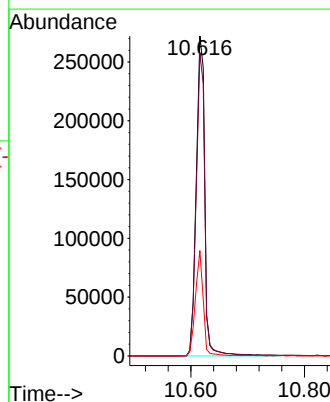
Tgt Ion:330 Resp: 282867

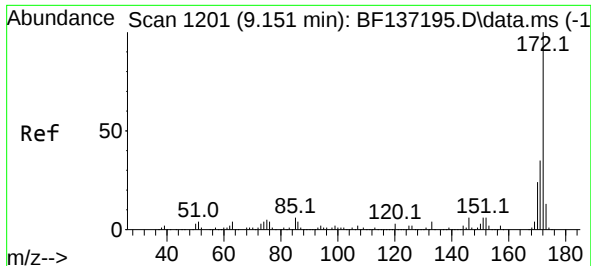
Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

141 30.5 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 116.165 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

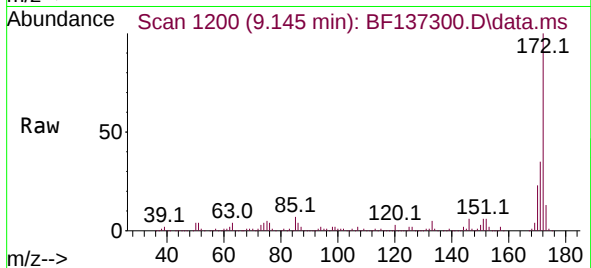
Lab File: BF137300.D

Acq: 06 Feb 2024 19:22

Instrument :

BNA_F

ClientSampleId :



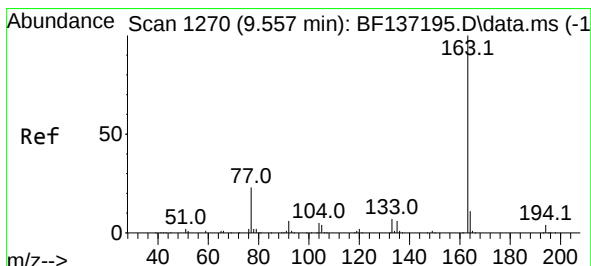
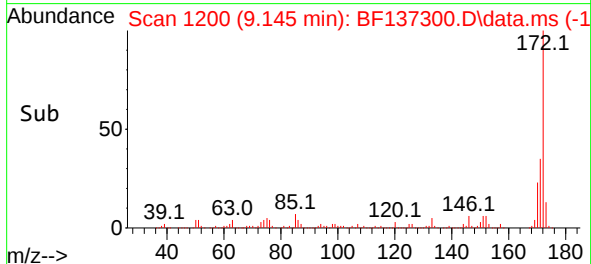
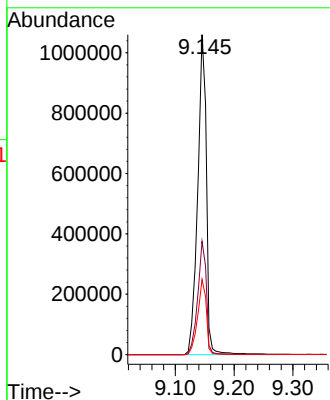
Tgt Ion:172 Resp: 1091466

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.5 19.1 28.7



#50

Dimethylphthalate

Concen: 2.744 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF137300.D

Acq: 06 Feb 2024 19:22

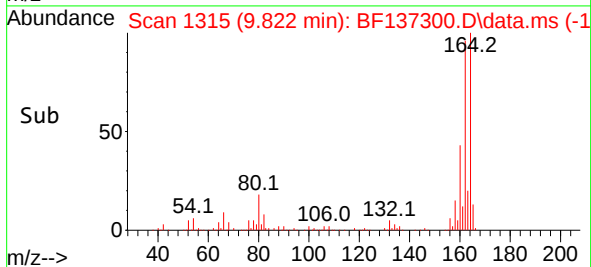
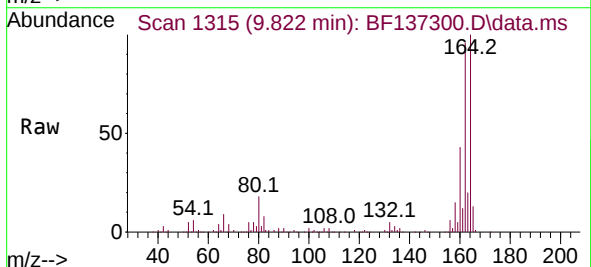
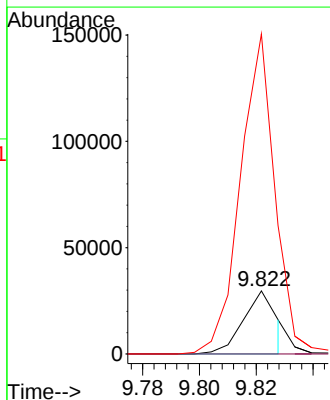
Tgt Ion:163 Resp: 23947

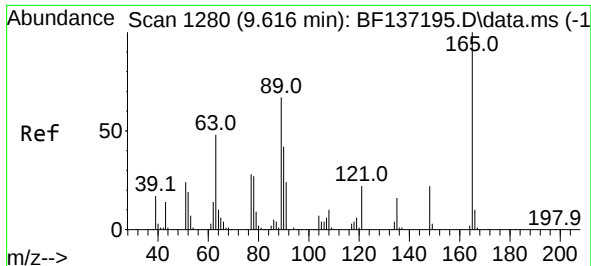
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 507.7 8.6 13.0#





#51

2,6-Dinitrotoluene

Concen: 8.909 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.206 min

Lab File: BF137300.D

Acq: 06 Feb 2024 19:22

Instrument :

BNA_F

ClientSampleId :

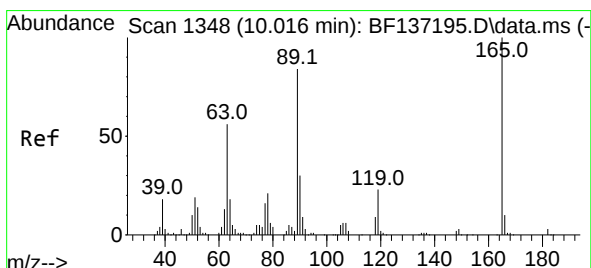
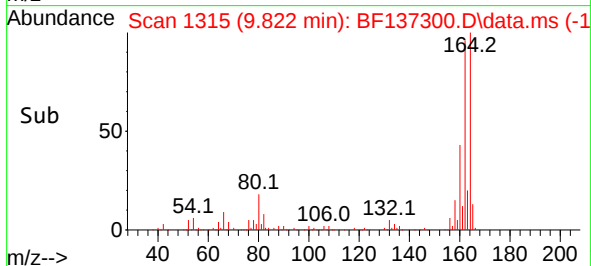
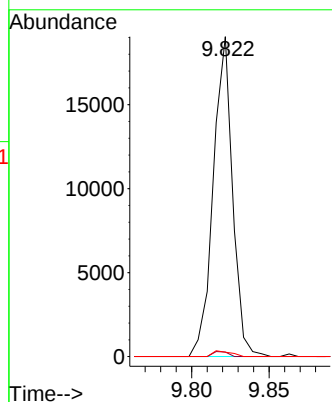
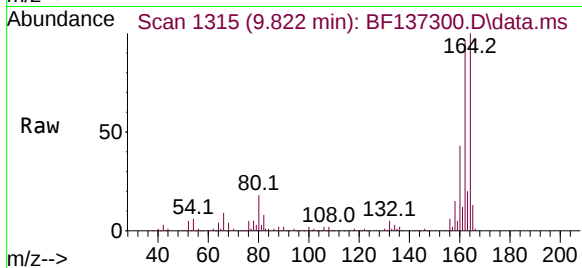
Tgt Ion:165 Resp: 16576

Ion Ratio Lower Upper

165 100

63 1.4 55.1 82.7#

89 1.4 53.5 80.3#



#57

2,4-Dinitrotoluene

Concen: 6.866 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.194 min

Lab File: BF137300.D

Acq: 06 Feb 2024 19:22

Tgt Ion:165 Resp: 16576

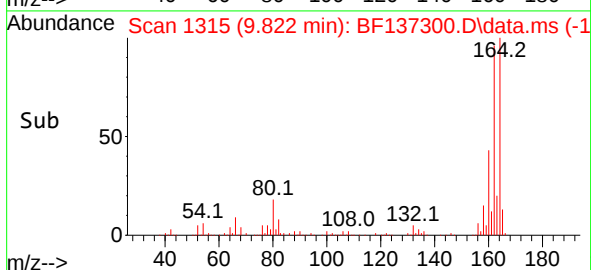
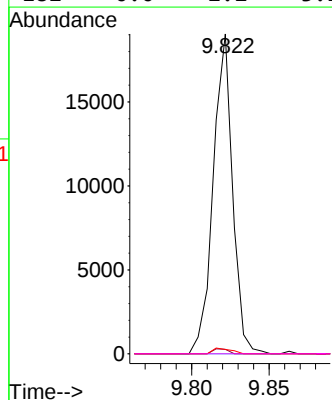
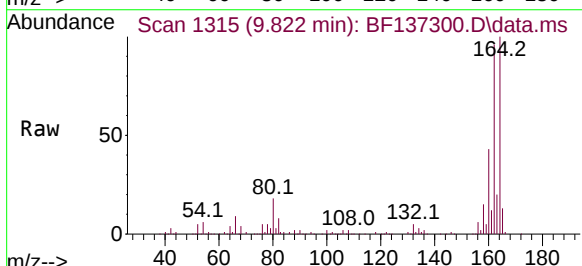
Ion Ratio Lower Upper

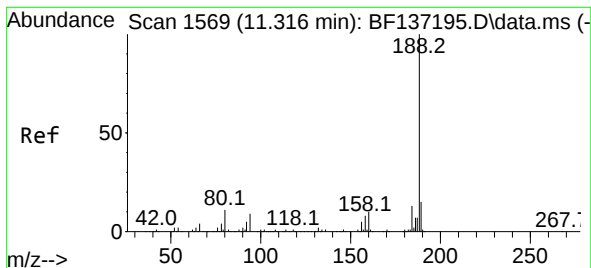
165 100

63 1.4 46.1 69.1#

89 1.4 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: BF137300.D

Acq: 06 Feb 2024 19:22

Instrument :

BNA_F

ClientSampleId :

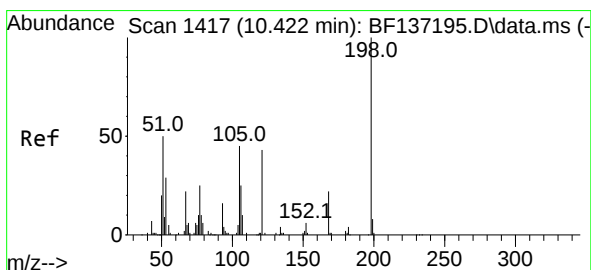
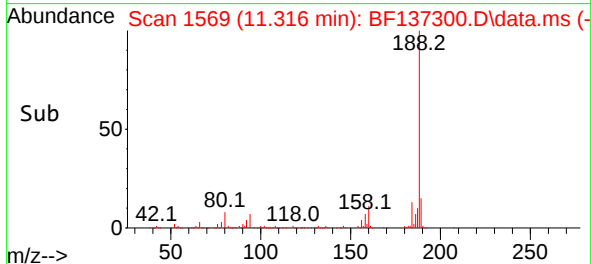
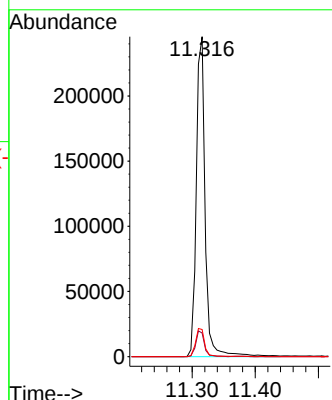
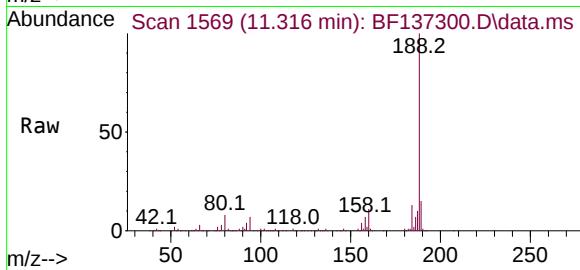
Tgt Ion:188 Resp: 240169

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.4

80 8.5 8.8 13.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.901 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF137300.D

Acq: 06 Feb 2024 19:22

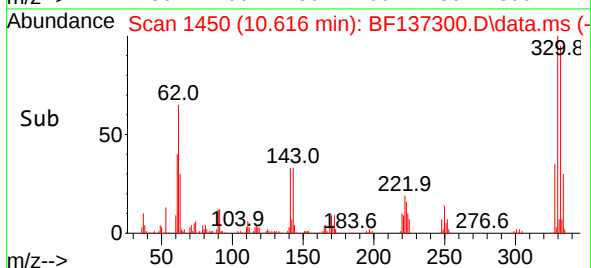
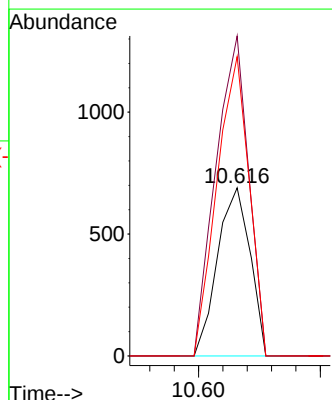
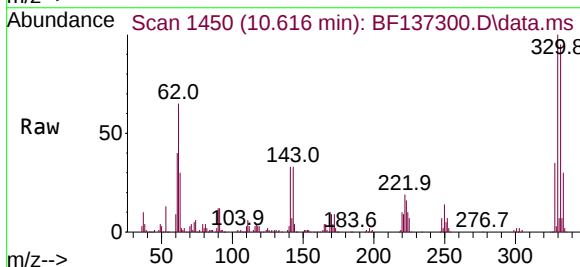
Tgt Ion:198 Resp: 640

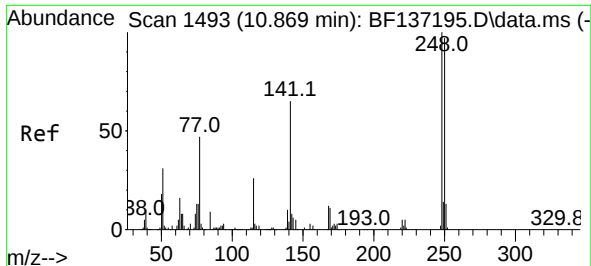
Ion Ratio Lower Upper

198 100

51 190.3 40.9 80.9#

105 178.0 26.5 66.5#

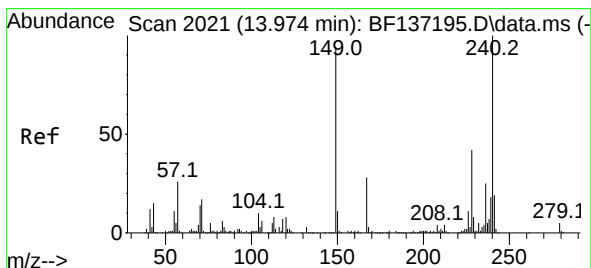
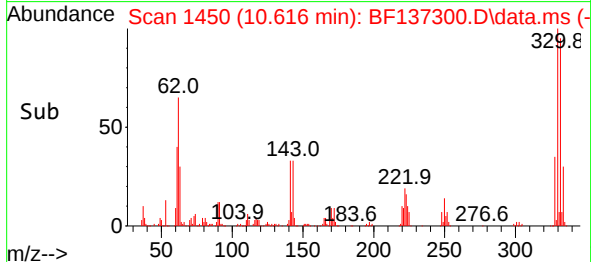
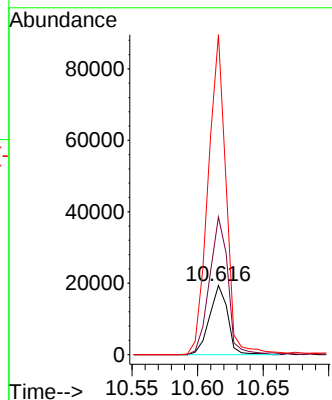
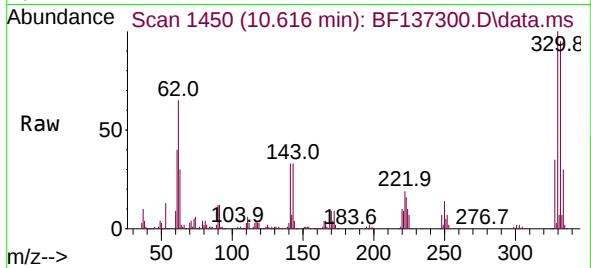




#67
4-Bromophenyl-phenylether
Concen: 7.070 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137300.D
Acq: 06 Feb 2024 19:22

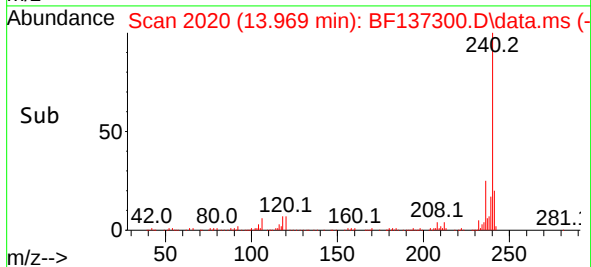
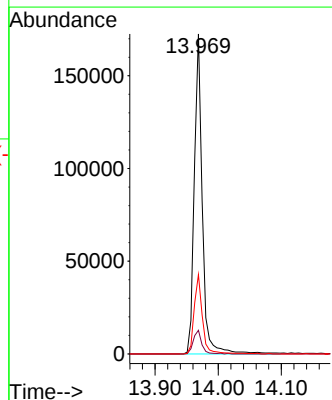
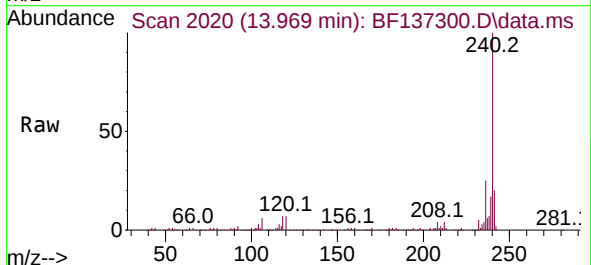
Instrument :
BNA_F
ClientSampleId :

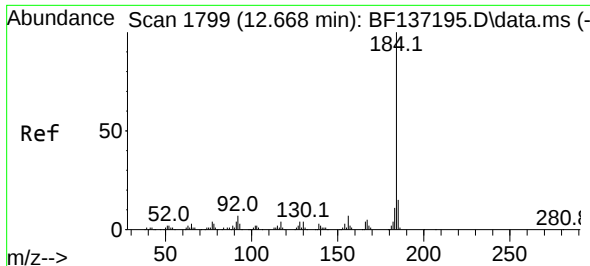
Tgt Ion:248 Resp: 18672
Ion Ratio Lower Upper
248 100
250 198.8 77.7 116.5#
141 462.3 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137300.D
Acq: 06 Feb 2024 19:22

Tgt Ion:240 Resp: 152779
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 24.8 20.3 30.5

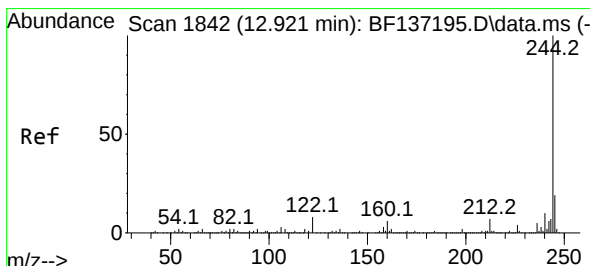
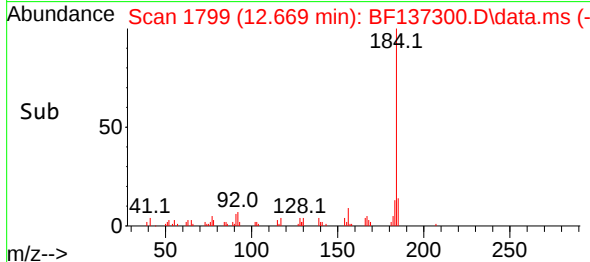
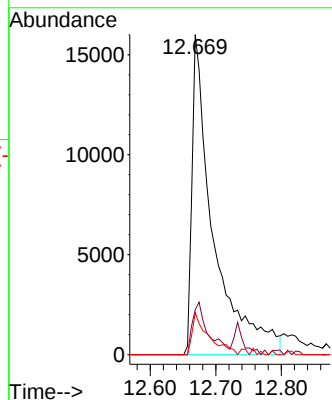
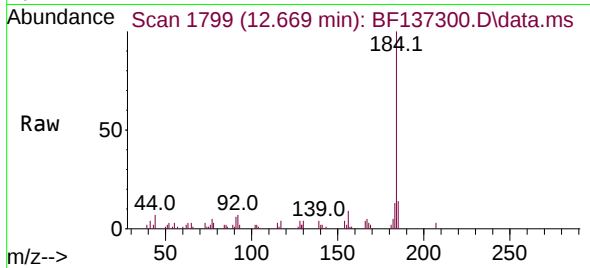




#77
Benzidine
Concen: 13.254 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.001 min
Lab File: BF137300.D
Acq: 06 Feb 2024 19:22

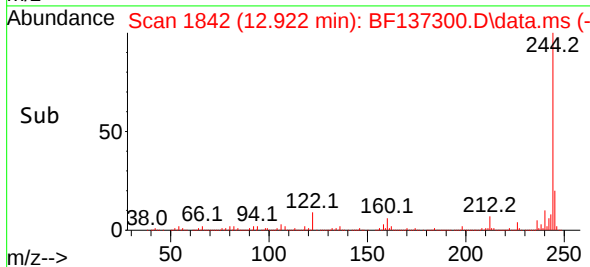
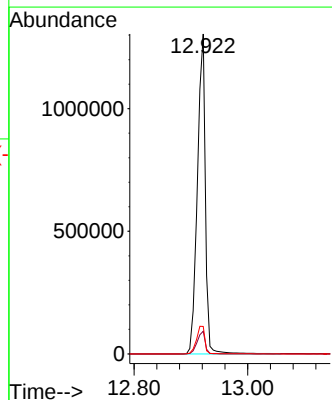
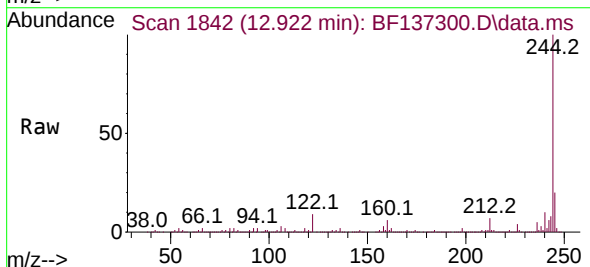
Instrument :
BNA_F
ClientSampleId :

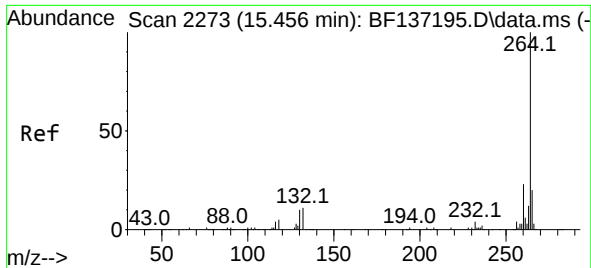
Tgt Ion:184 Resp: 36259
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 13.1 8.8 13.2



#79
Terphenyl-d14
Concen: 112.486 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF137300.D
Acq: 06 Feb 2024 19:22

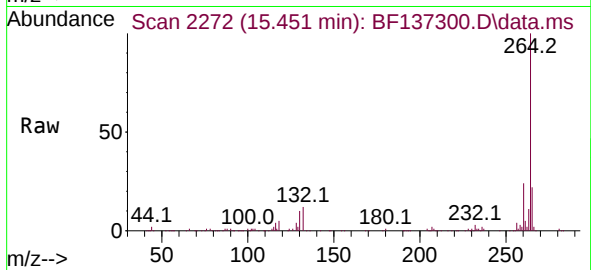
Tgt Ion:244 Resp: 1264157
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 8.6 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137300.D
Acq: 06 Feb 2024 19:22

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 141848
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.4
265 22.2 16.2 24.2

