

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137308.D
 Acq On : 06 Feb 2024 23:18
 Operator : CG\JU
 Sample : P1362-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 07 01:08:51 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)

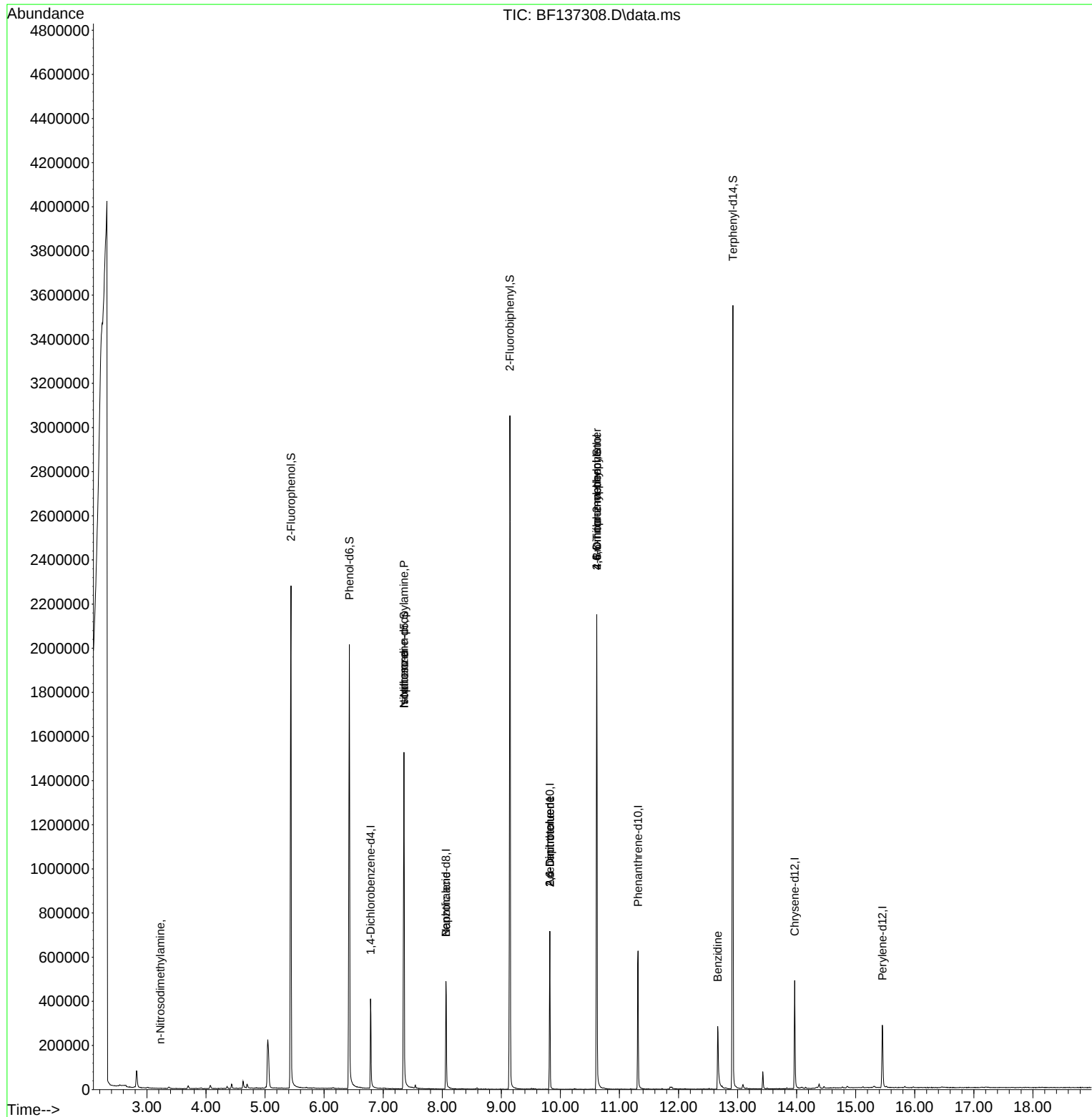
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	61772	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	232686	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	136516	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	260051	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	171849	20.000	ng	0.00
86) Perylene-d12	15.451	264	150234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	619014	165.354	ng	0.02
7) Phenol-d6	6.428	99	742046	138.896	ng	0.00
23) Nitrobenzene-d5	7.351	82	572991	110.250	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	270431	175.406	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1029055	103.622	ng	0.00
79) Terphenyl-d14	12.922	244	1313338	103.894	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.228	42	153	6.125	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	79287	21.645	ng	# 79
25) Isophorone	7.351	82	572985	59.730	ng	# 67
32) Benzoic acid	8.063	122	86	8.355	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	17745	9.023	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	17745	6.954	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	588	5.833	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	18323	6.408	ng	# 1
77) Benzidine	12.663	184	153067	49.742	ng	98

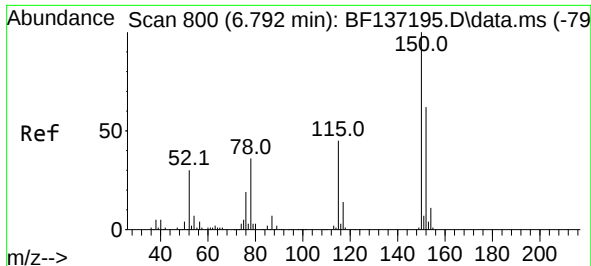
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
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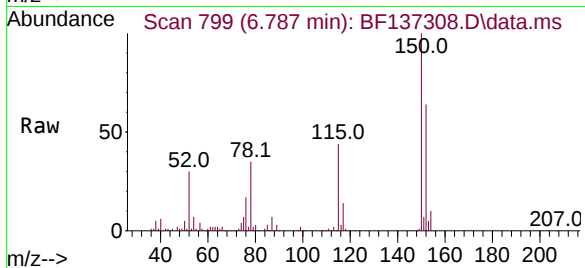
Quant Time: Feb 07 01:08:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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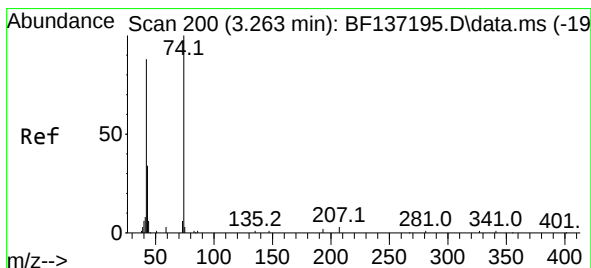
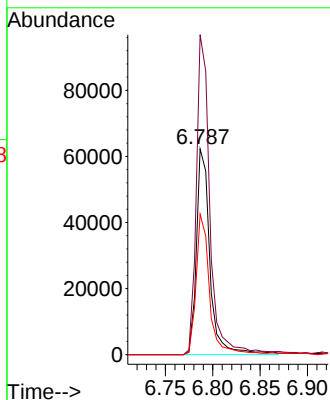
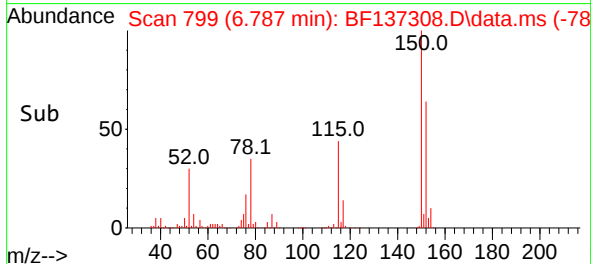


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137308.D
 Acq: 06 Feb 2024 23:18

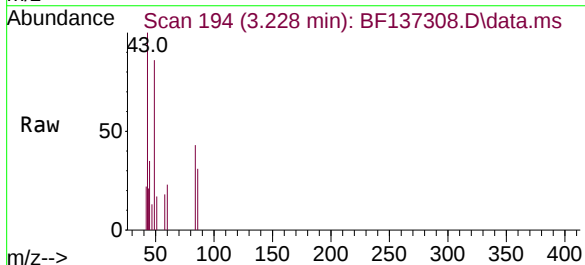
Instrument :
 BNA_F
 ClientSampleId :



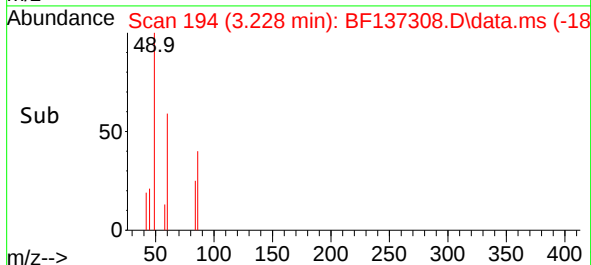
Tgt Ion:152 Resp: 61772
 Ion Ratio Lower Upper
 152 100
 150 155.5 129.8 194.8
 115 68.2 58.5 87.7

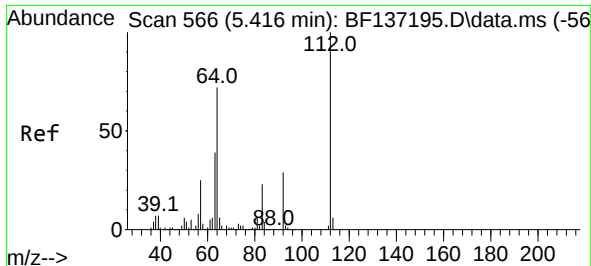


#4
 n-Nitrosodimethylamine
 Concen: 6.125 ng
 RT: 3.228 min Scan# 194
 Delta R.T. -0.035 min
 Lab File: BF137308.D
 Acq: 06 Feb 2024 23:18



Tgt Ion: 42 Resp: 153
 Ion Ratio Lower Upper
 42 100
 74 0.0 90.5 135.7#
 44 96.8 6.1 9.1#

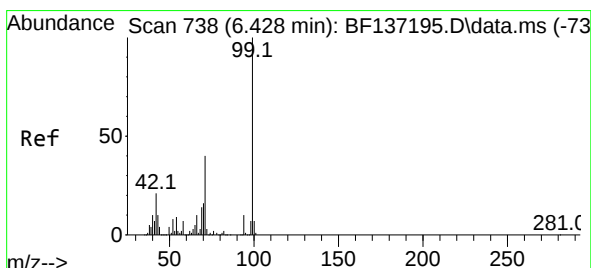
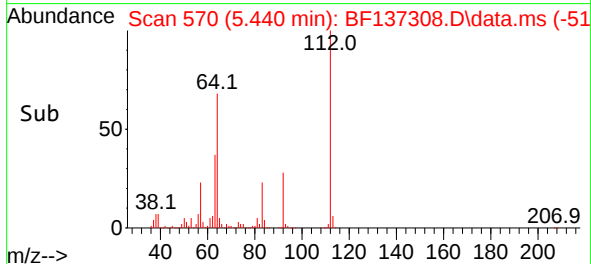
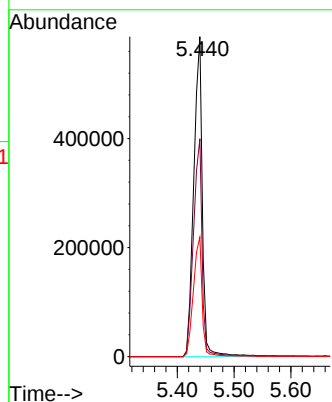
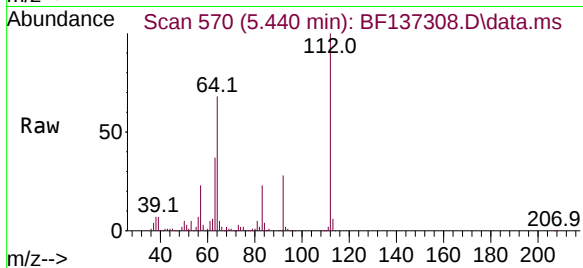




#5
2-Fluorophenol
Concen: 165.354 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

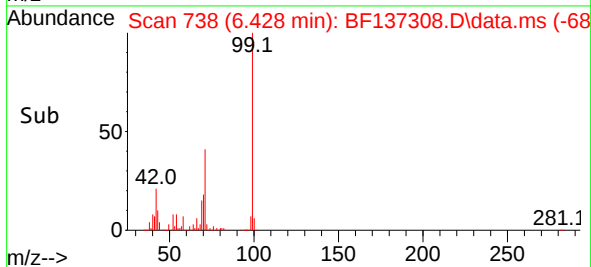
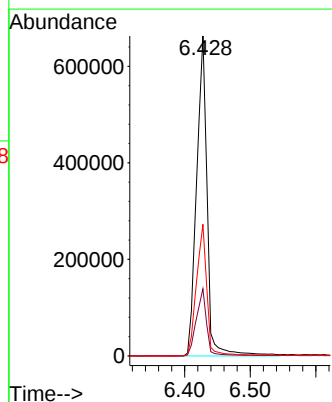
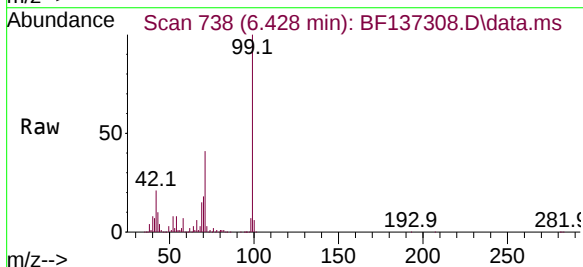
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 619014
Ion Ratio Lower Upper
112 100
64 68.1 57.8 86.6
63 37.3 31.4 47.0



#7
Phenol-d6
Concen: 138.896 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

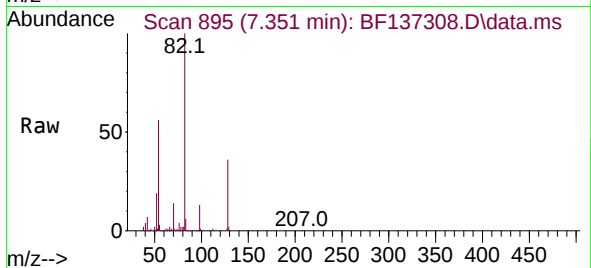
Tgt Ion: 99 Resp: 742046
Ion Ratio Lower Upper
99 100
42 21.0 16.4 24.6
71 41.1 32.4 48.6



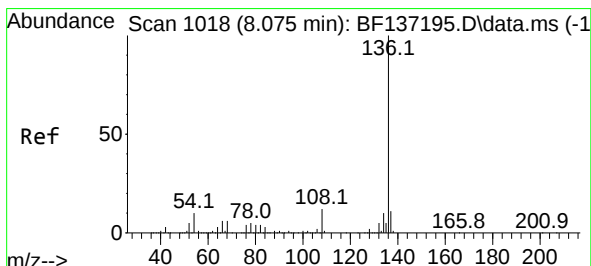
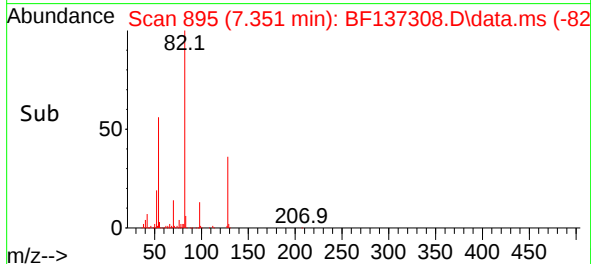
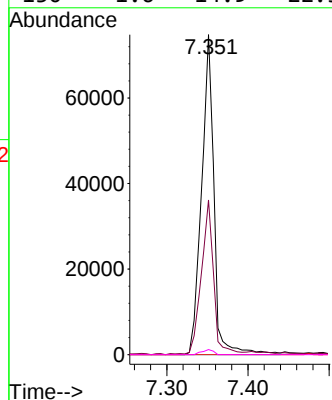


#19
n-Nitroso-di-n-propylamine
Concen: 21.645 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

Instrument :
BNA_F
ClientSampleId :

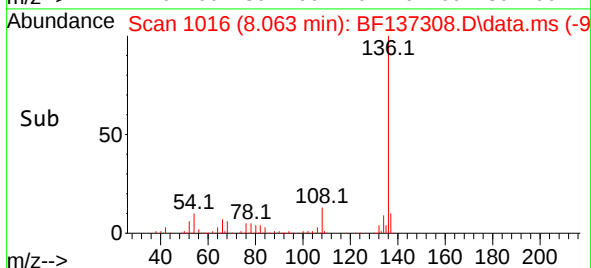
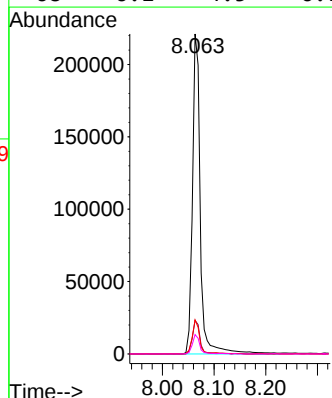
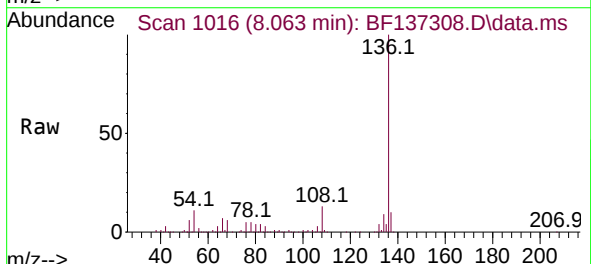


Tgt Ion: 70 Resp: 79287
Ion Ratio Lower Upper
70 100
42 48.3 47.2 70.8
101 0.0 7.4 11.0#
130 1.6 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

Tgt Ion: 136 Resp: 232686
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.6 7.8 11.8
68 6.1 4.5 6.7

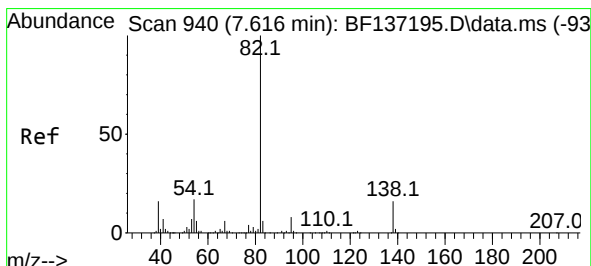
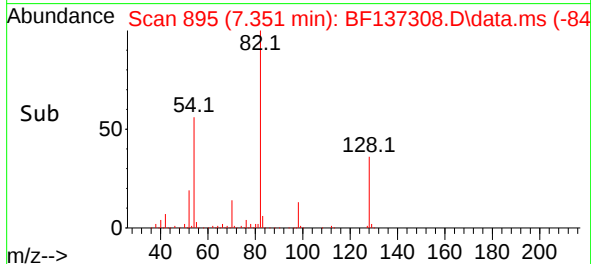
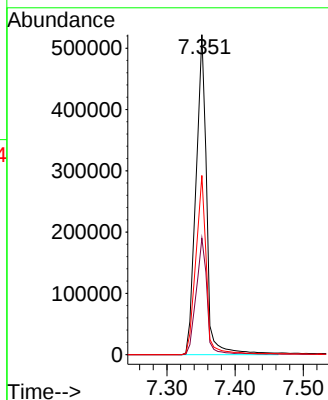
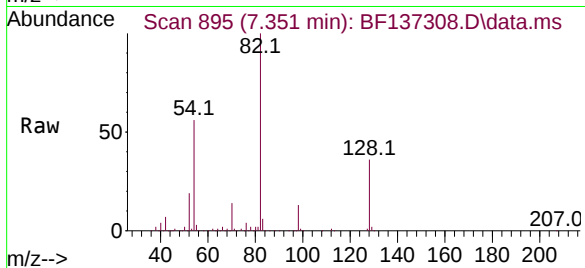




#23
Nitrobenzene-d5
Concen: 110.250 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

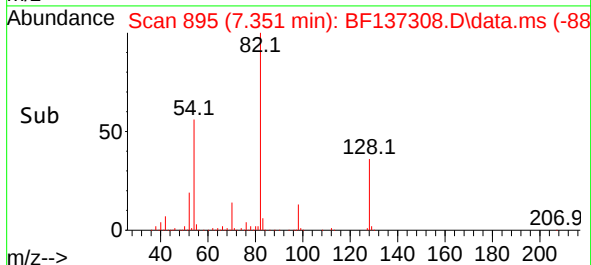
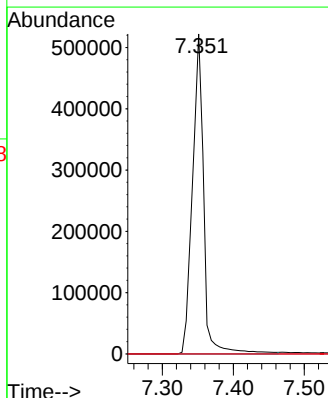
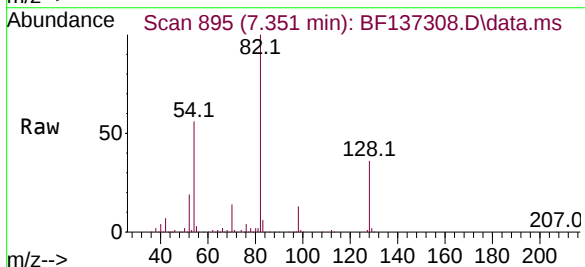
Instrument :
BNA_F
ClientSampleId :

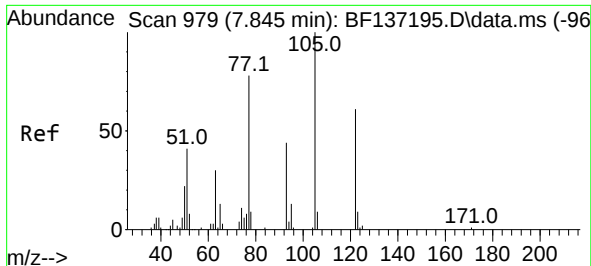
Tgt Ion: 82 Resp: 572991
Ion Ratio Lower Upper
82 100
128 36.4 29.1 43.7
54 56.0 45.0 67.6



#25
Isophorone
Concen: 59.730 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

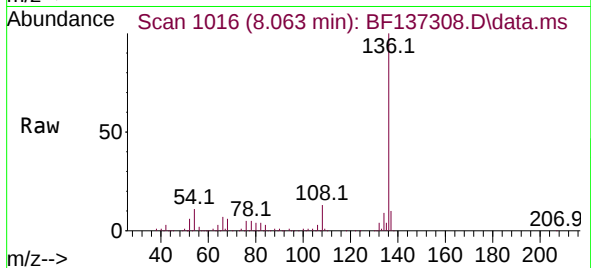
Tgt Ion: 82 Resp: 572985
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



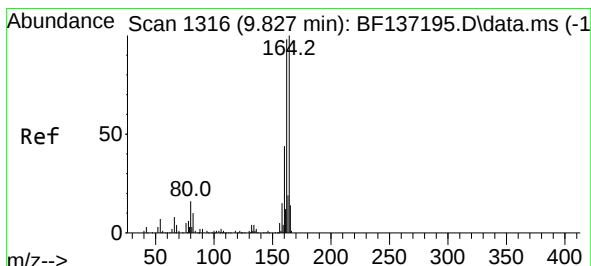
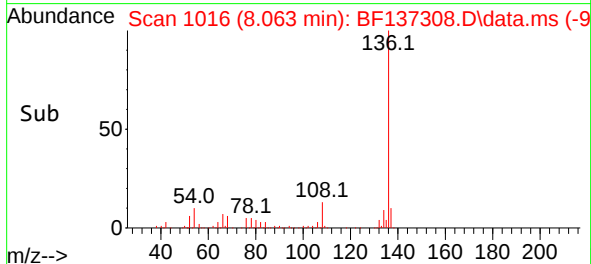
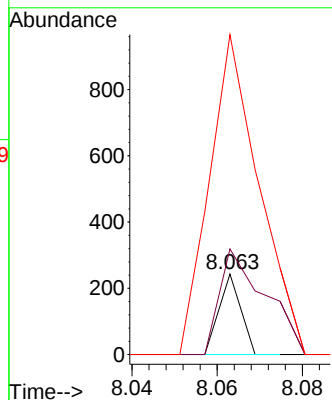


#32
Benzoic acid
Concen: 8.355 ng
RT: 8.063 min Scan# 10
Delta R.T. 0.218 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

Instrument :
BNA_F
ClientSampleId :

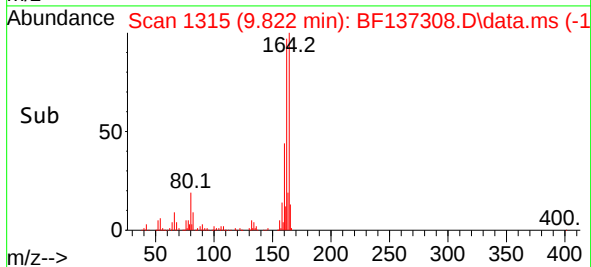
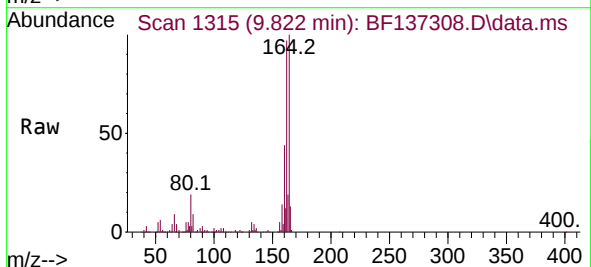
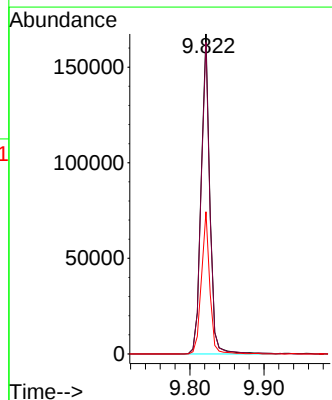


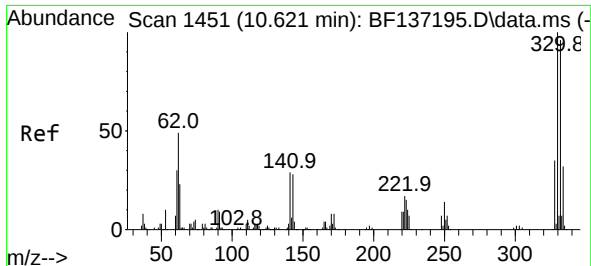
Tgt Ion:122 Resp: 86
Ion Ratio Lower Upper
122 100
105 131.3 122.5 162.5
77 397.5 96.4 136.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

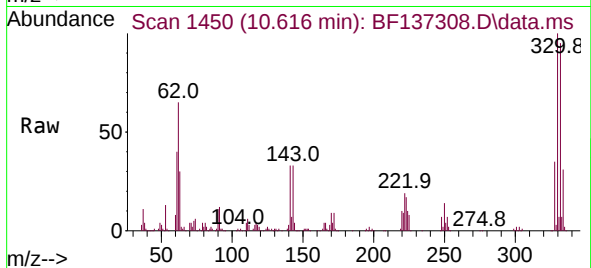
Tgt Ion:164 Resp: 136516
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 44.4 35.4 53.2



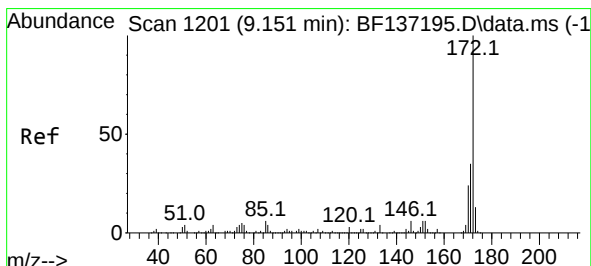
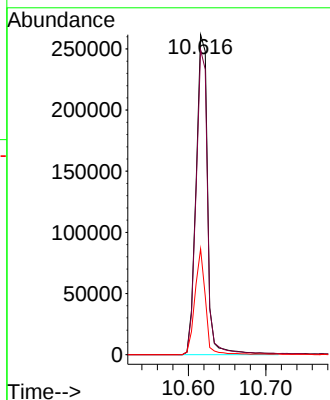
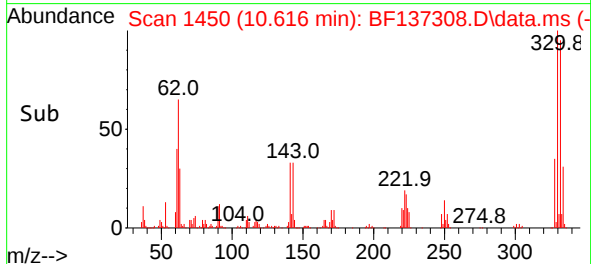


#42
2,4,6-Tribromophenol
Concen: 175.406 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

Instrument :
BNA_F
ClientSampleId :

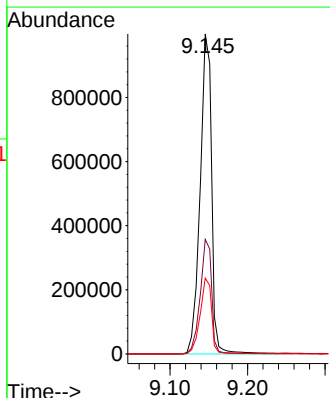
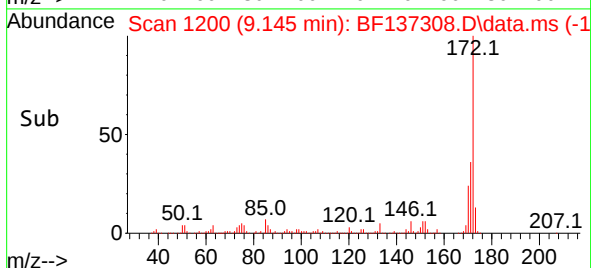
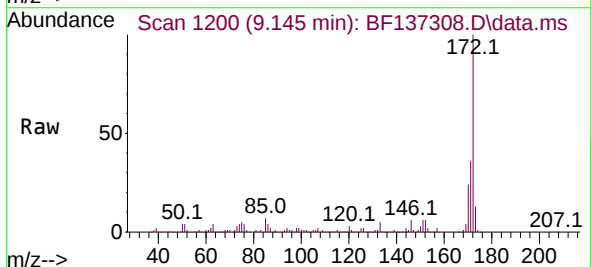


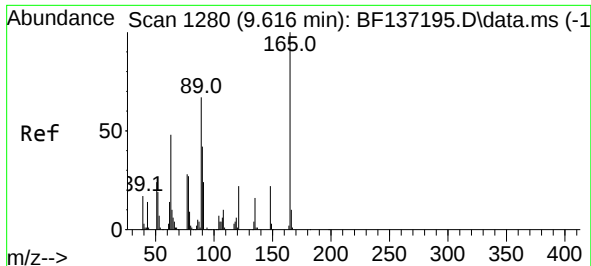
Tgt Ion:330 Resp: 270431
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 30.0 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 103.622 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

Tgt Ion:172 Resp: 1029055
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.023 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.206 min

Lab File: BF137308.D

Acq: 06 Feb 2024 23:18

Instrument :

BNA_F

ClientSampleId :

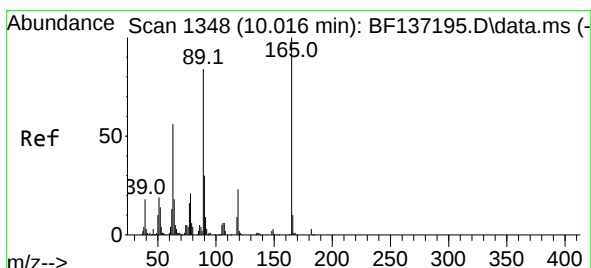
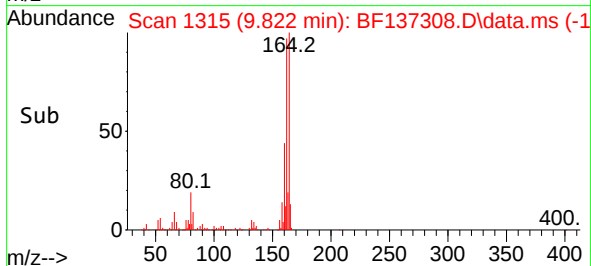
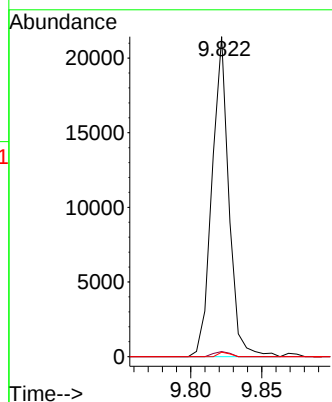
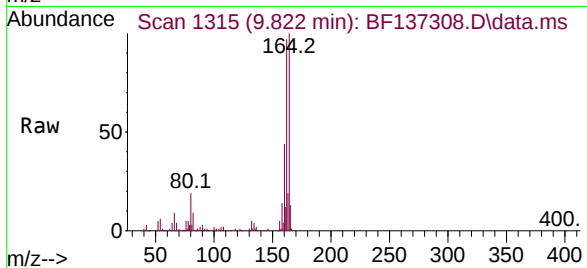
Tgt Ion:165 Resp: 17745

Ion Ratio Lower Upper

165 100

63 1.6 55.1 82.7#

89 1.4 53.5 80.3#



#57

2,4-Dinitrotoluene

Concen: 6.954 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.194 min

Lab File: BF137308.D

Acq: 06 Feb 2024 23:18

Tgt Ion:165 Resp: 17745

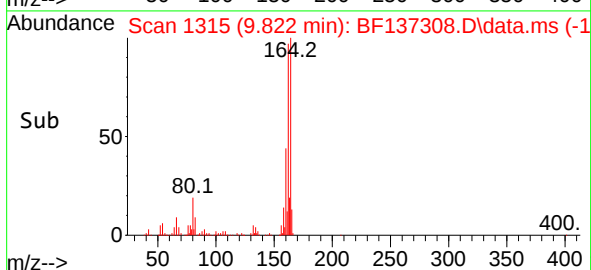
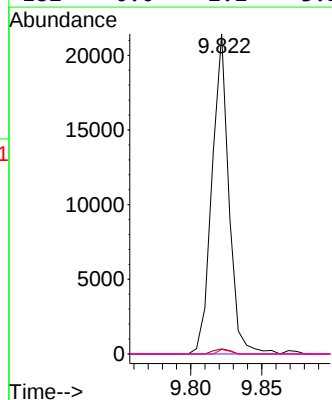
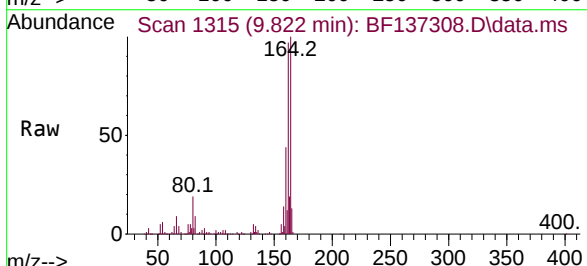
Ion Ratio Lower Upper

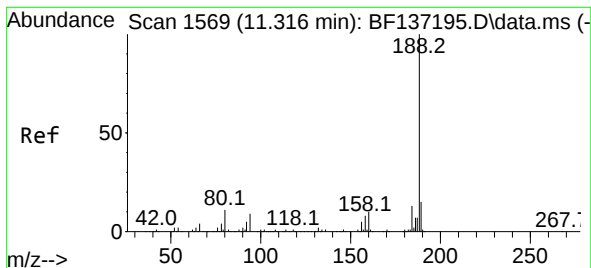
165 100

63 1.6 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

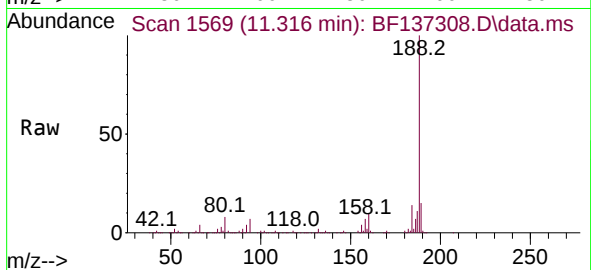
Lab File: BF137308.D

Acq: 06 Feb 2024 23:18

Instrument :

BNA_F

ClientSampleId :



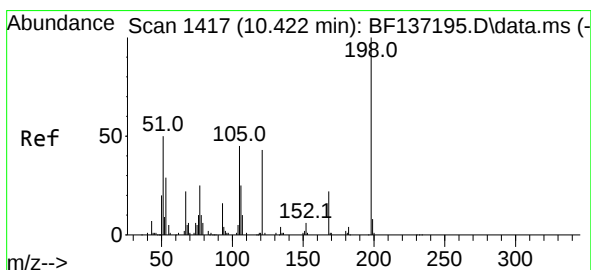
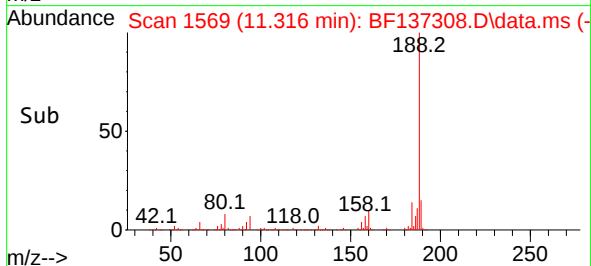
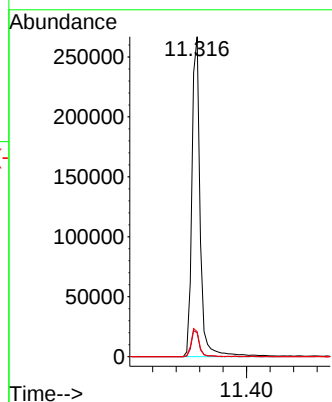
Tgt Ion:188 Resp: 260051

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.4

80 7.8 8.8 13.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.833 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF137308.D

Acq: 06 Feb 2024 23:18

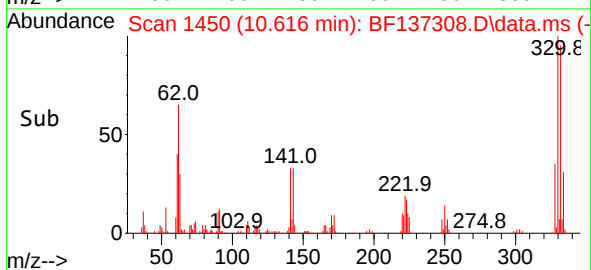
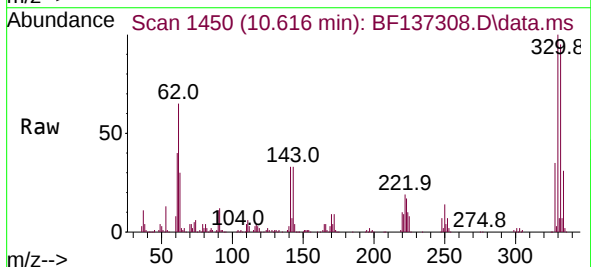
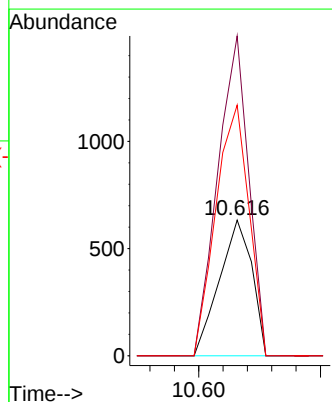
Tgt Ion:198 Resp: 588

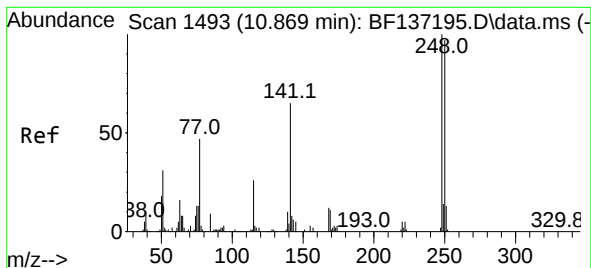
Ion Ratio Lower Upper

198 100

51 235.7 40.9 80.9#

105 184.7 26.5 66.5#

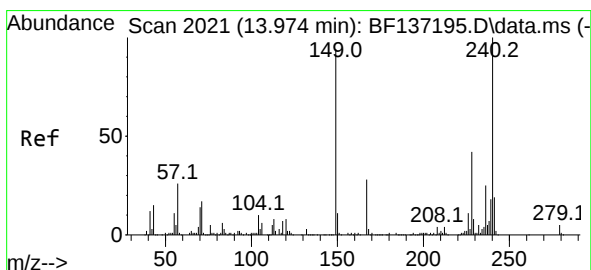
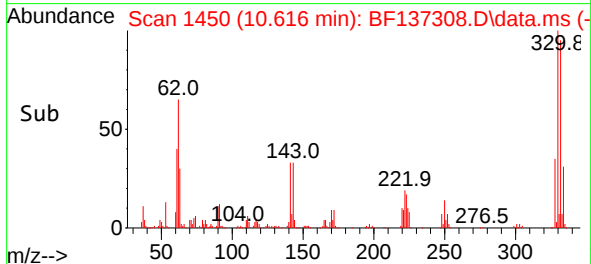
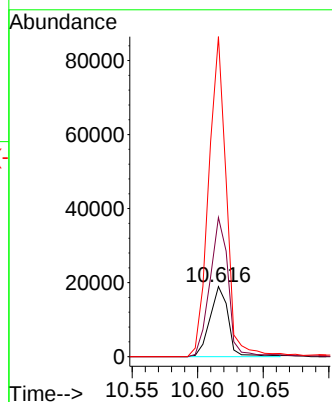
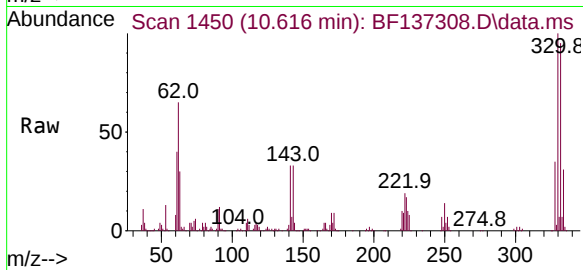




#67
4-Bromophenyl-phenylether
Concen: 6.408 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

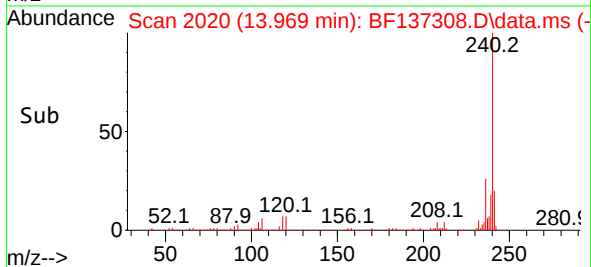
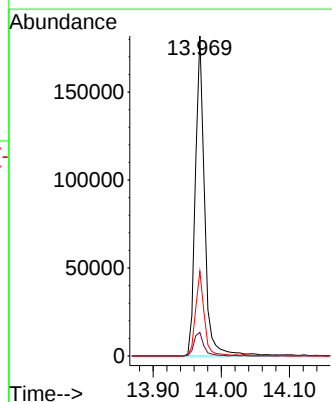
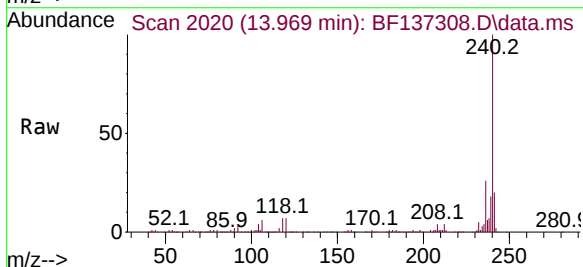
Instrument :
BNA_F
ClientSampleId :

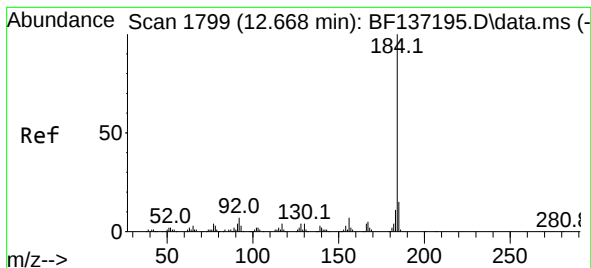
Tgt Ion:248 Resp: 18323
Ion Ratio Lower Upper
248 100
250 198.8 77.7 116.5#
141 457.3 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

Tgt Ion:240 Resp: 171849
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 26.5 20.3 30.5





#77

Benzidine

Concen: 49.742 ng

RT: 12.663 min Scan# 1799

Delta R.T. -0.005 min

Lab File: BF137308.D

Acq: 06 Feb 2024 23:18

Instrument :

BNA_F

ClientSampleId :

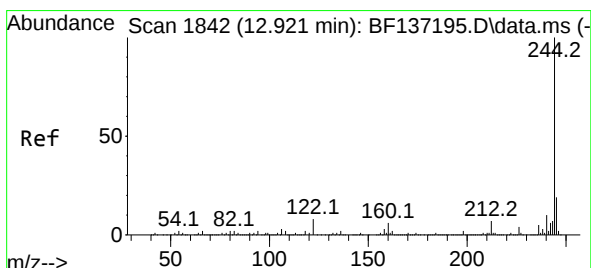
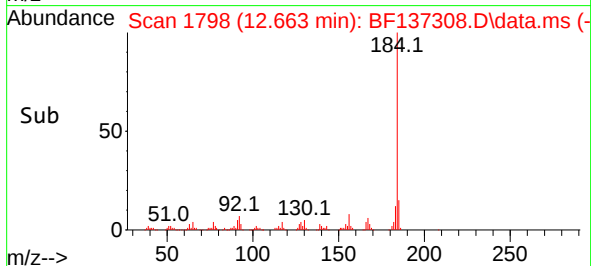
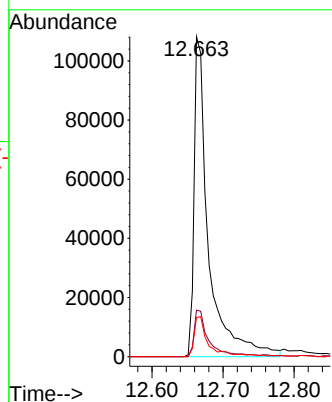
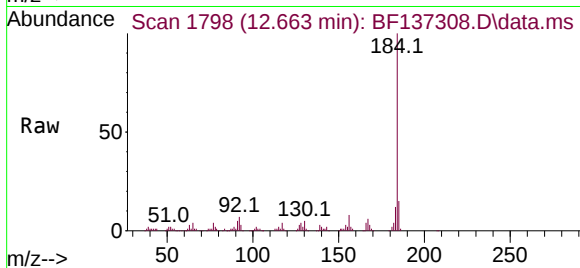
Tgt Ion:184 Resp: 153067

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

183 12.2 8.8 13.2



#79

Terphenyl-d14

Concen: 103.894 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF137308.D

Acq: 06 Feb 2024 23:18

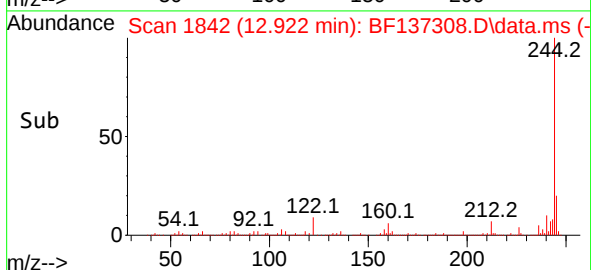
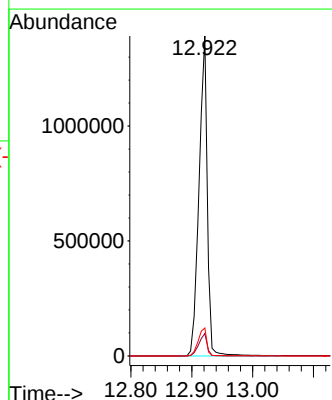
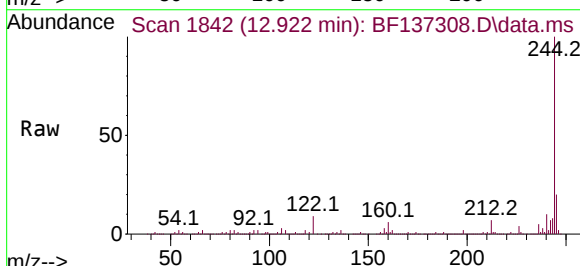
Tgt Ion:244 Resp: 1313338

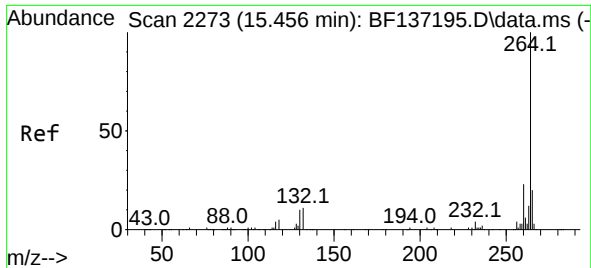
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

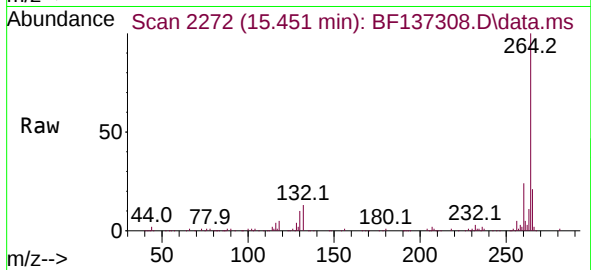
122 8.7 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137308.D
Acq: 06 Feb 2024 23:18

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 150234
Ion Ratio Lower Upper
264 100
260 24.0 18.2 27.4
265 21.4 16.2 24.2

