

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137302.D
 Acq On : 06 Feb 2024 20:20
 Operator : CG\JU
 Sample : P1337-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 07 01:05:09 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)

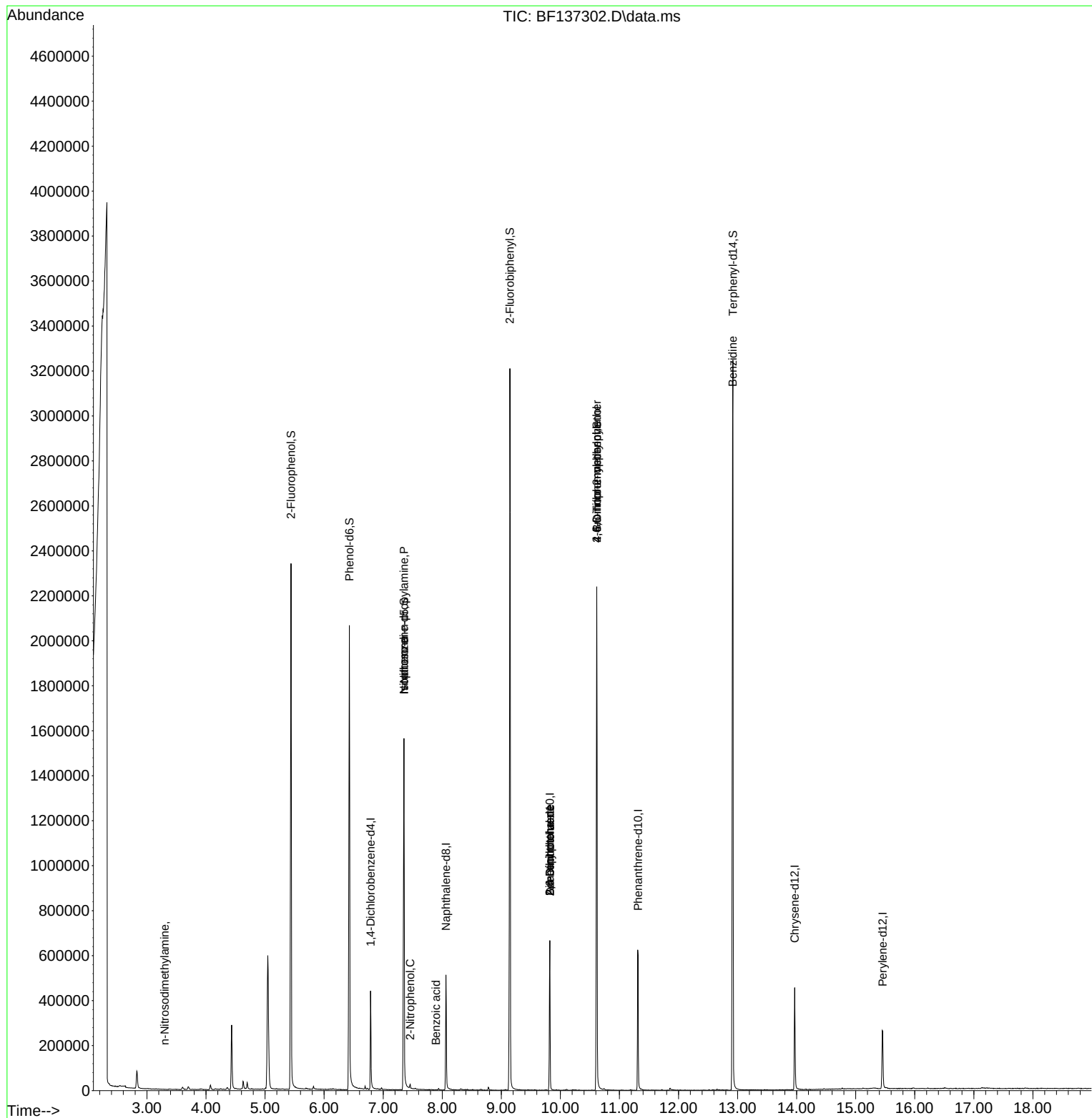
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	59528	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	230692	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	136878	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	253077	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	166239	20.000	ng	0.00
86) Perylene-d12	15.457	264	140810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	619176	171.632	ng	0.02
7) Phenol-d6	6.428	99	752355	146.134	ng	0.00
23) Nitrobenzene-d5	7.351	82	574946	111.583	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	289436	187.236	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1071789	107.640	ng	0.00
79) Terphenyl-d14	12.921	244	1331461	108.882	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.299	42	298	6.192	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	79801	22.607	ng	# 81
25) Isophorone	7.351	82	574941	60.452	ng	# 67
26) 2-Nitrophenol	7.457	139	332	2.613	ng	# 28
32) Benzoic acid	7.892	122	53	8.340	ng	# 1
50) Dimethylphthalate	9.822	163	25300	2.736	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	16941	8.591	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	16941	6.621	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	737	5.942	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	19027	6.837	ng	# 1
77) Benzidine	12.916	184	16286	5.471	ng	# 92

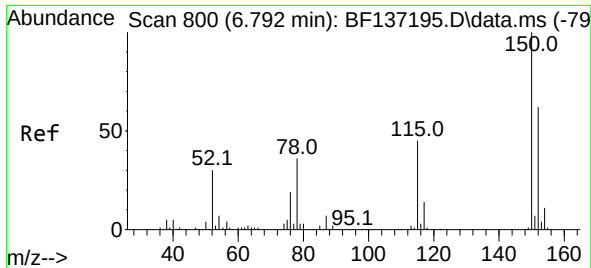
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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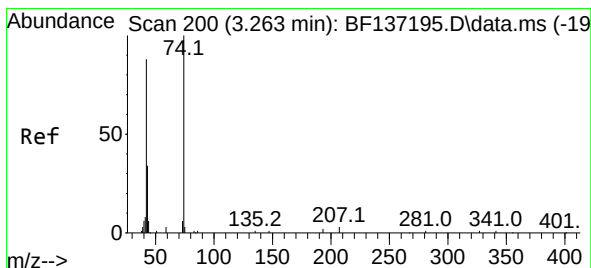
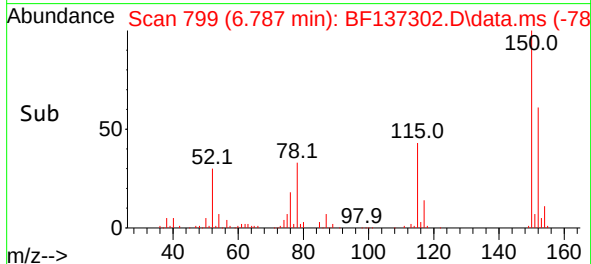
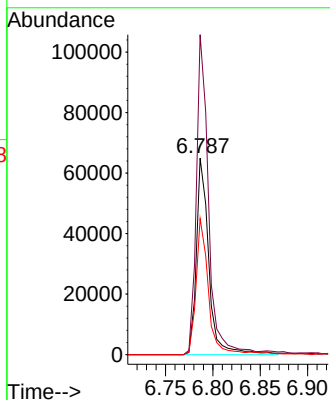
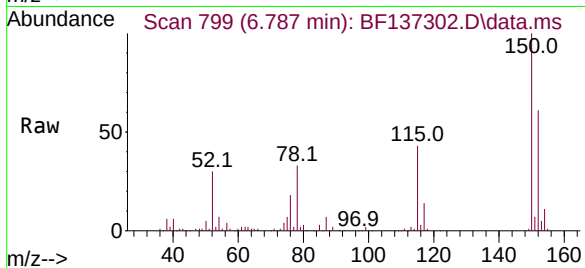




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137302.D
 Acq: 06 Feb 2024 20:20

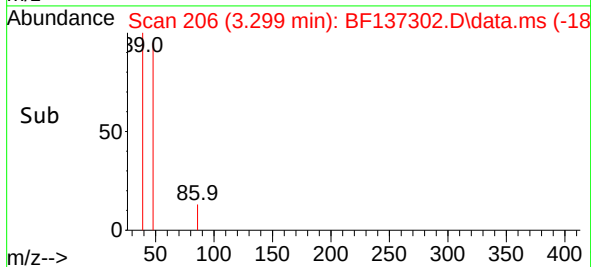
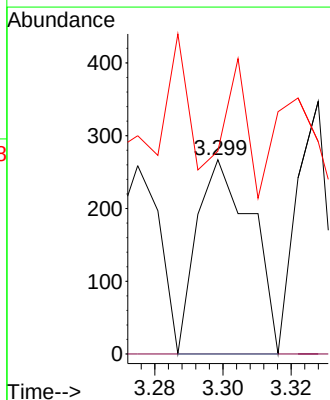
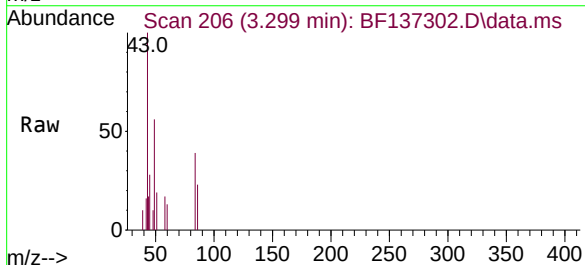
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

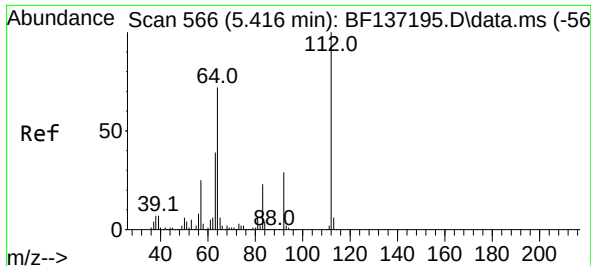
Tgt Ion:152 Resp: 59528
 Ion Ratio Lower Upper
 152 100
 150 163.0 129.8 194.8
 115 69.3 58.5 87.7



#4
 n-Nitrosodimethylamine
 Concen: 6.192 ng
 RT: 3.299 min Scan# 206
 Delta R.T. 0.036 min
 Lab File: BF137302.D
 Acq: 06 Feb 2024 20:20

Tgt Ion: 42 Resp: 298
 Ion Ratio Lower Upper
 42 100
 74 0.0 90.5 135.7#
 44 104.5 6.1 9.1#

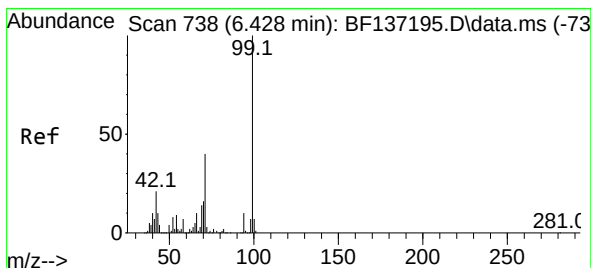
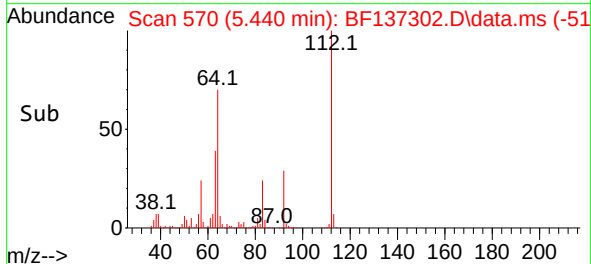
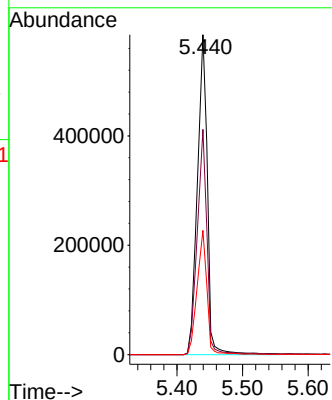
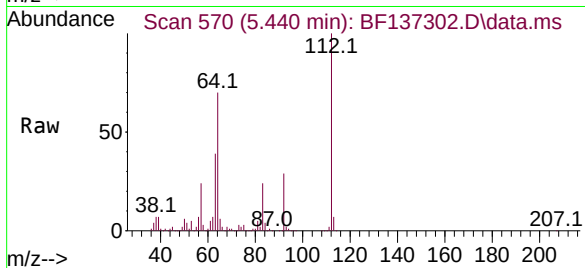




#5
2-Fluorophenol
Concen: 171.632 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

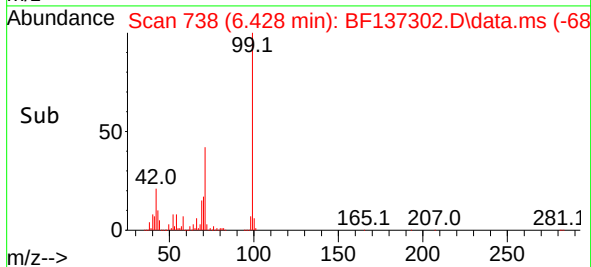
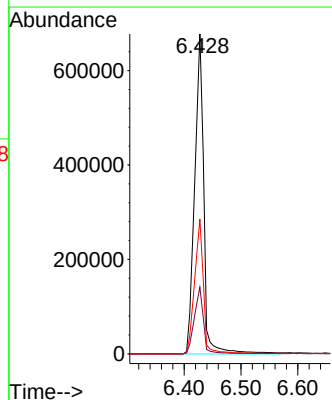
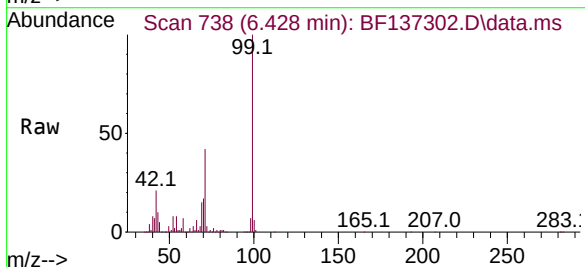
Instrument :
BNA_F
ClientSampleId :
TP-1

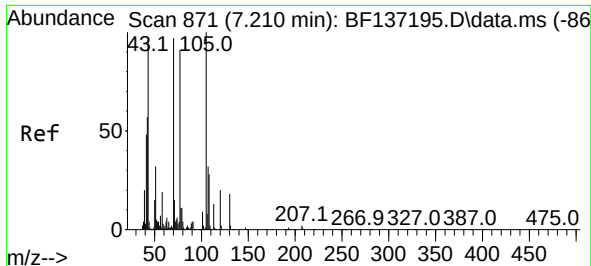
Tgt Ion:112 Resp: 619176
Ion Ratio Lower Upper
112 100
64 70.4 57.8 86.6
63 38.8 31.4 47.0



#7
Phenol-d6
Concen: 146.134 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

Tgt Ion: 99 Resp: 752355
Ion Ratio Lower Upper
99 100
42 20.8 16.4 24.6
71 42.1 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 22.607 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF137302.D

Acq: 06 Feb 2024 20:20

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion: 70 Resp: 79801

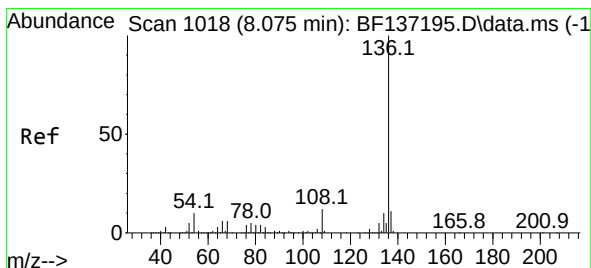
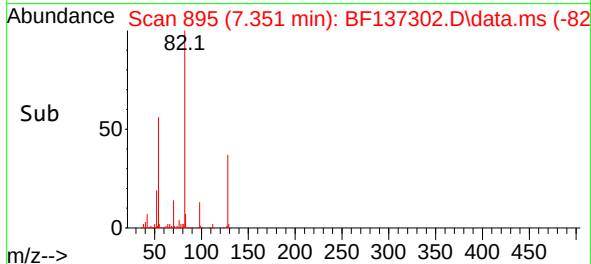
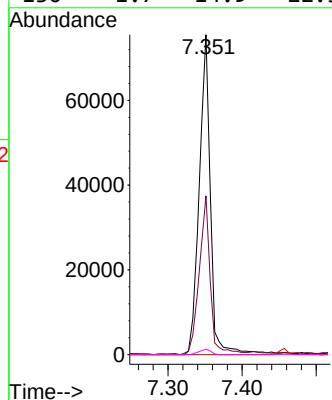
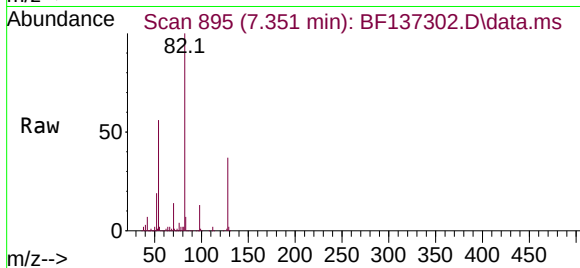
Ion Ratio Lower Upper

70 100

42 49.6 47.2 70.8

101 0.0 7.4 11.0#

130 1.7 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: BF137302.D

Acq: 06 Feb 2024 20:20

Tgt Ion:136 Resp: 230692

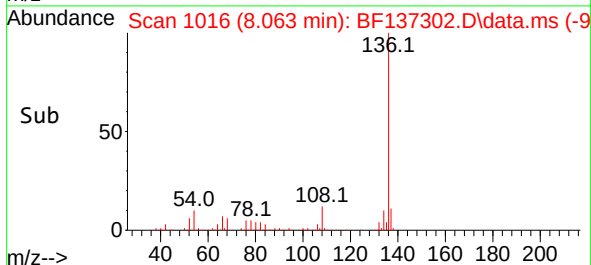
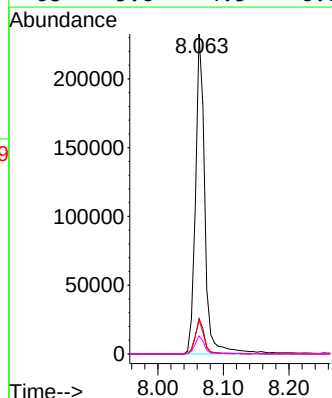
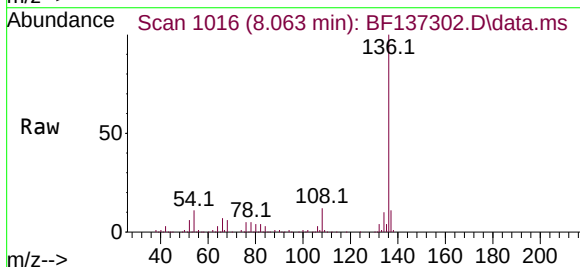
Ion Ratio Lower Upper

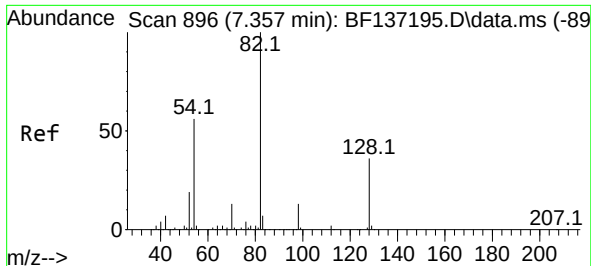
136 100

137 11.0 8.9 13.3

54 10.5 7.8 11.8

68 5.6 4.5 6.7

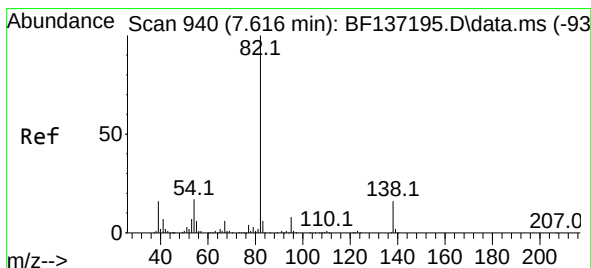
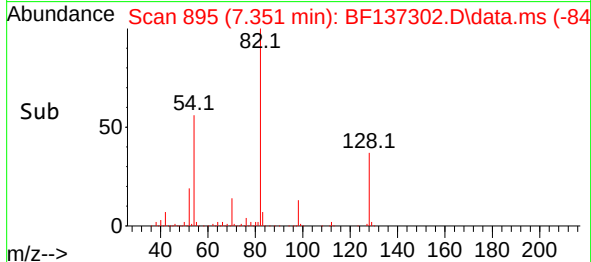
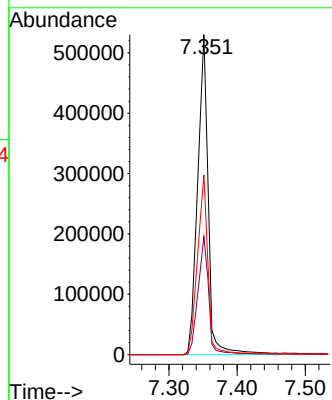
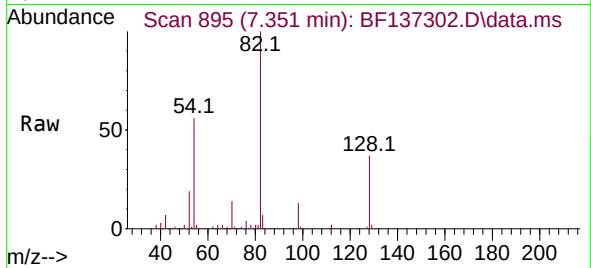




#23
Nitrobenzene-d5
Concen: 111.583 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

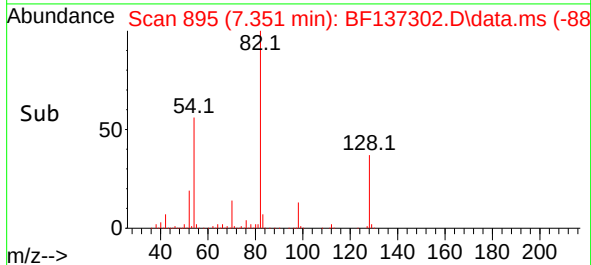
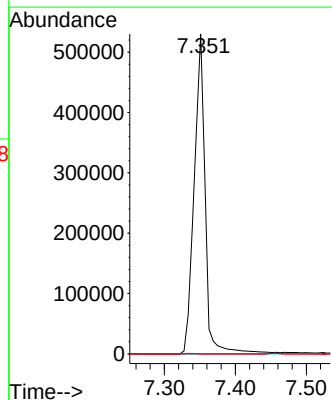
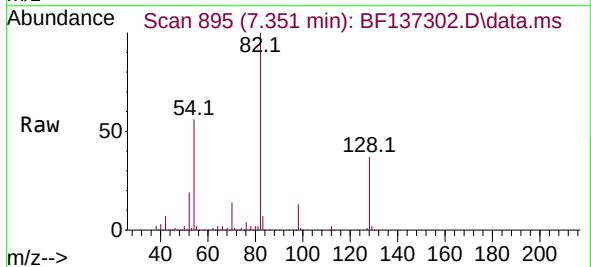
Instrument :
BNA_F
ClientSampleId :
TP-1

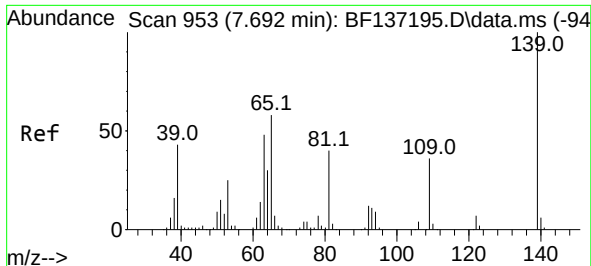
Tgt Ion: 82 Resp: 574946
Ion Ratio Lower Upper
82 100
128 36.9 29.1 43.7
54 56.2 45.0 67.6



#25
Isophorone
Concen: 60.452 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

Tgt Ion: 82 Resp: 574941
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

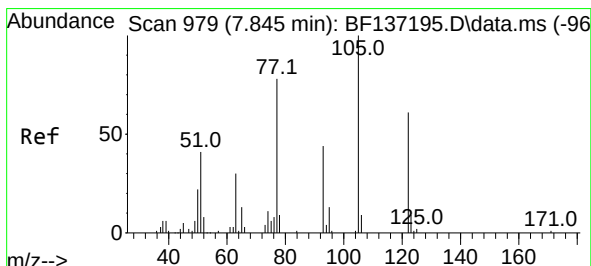
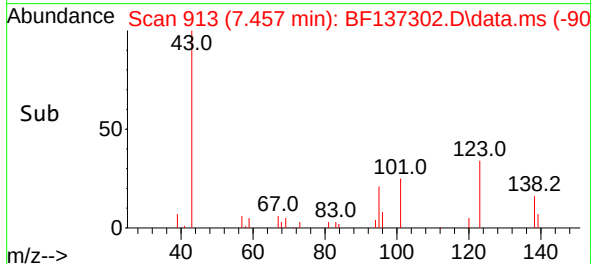
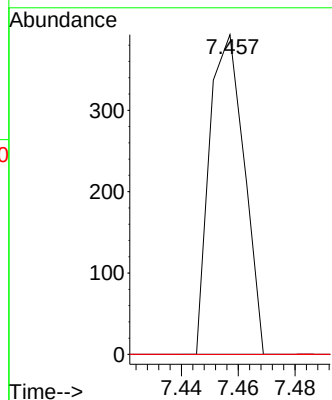
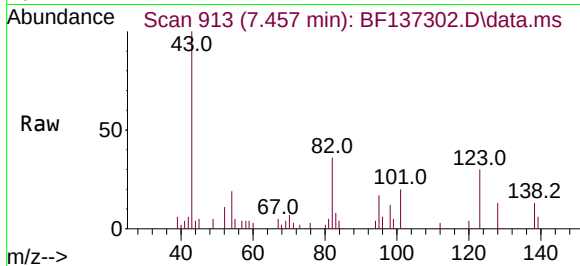




#26
2-Nitrophenol
Concen: 2.613 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.235 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

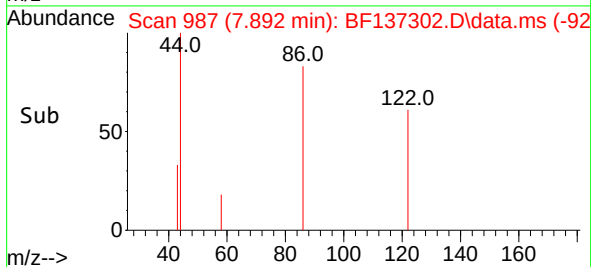
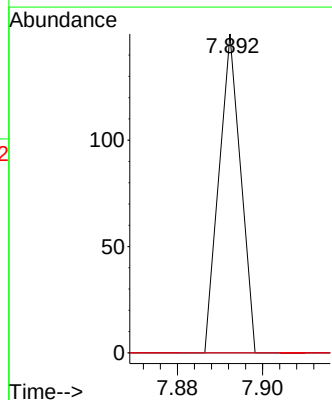
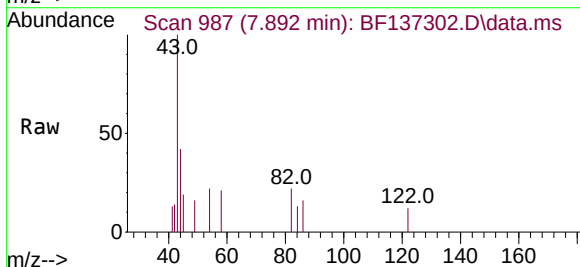
Instrument :
BNA_F
ClientSampleId :
TP-1

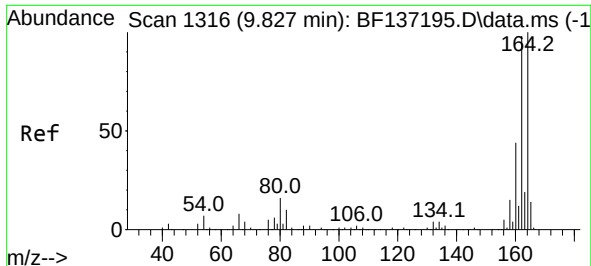
Tgt Ion:139 Resp: 332
Ion Ratio Lower Upper
139 100
109 0.0 28.5 42.7#
65 0.0 46.7 70.1#



#32
Benzoic acid
Concen: 8.340 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.047 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 122.5 162.5#
77 0.0 96.4 136.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1316

Delta R.T. -0.005 min

Lab File: BF137302.D

Acq: 06 Feb 2024 20:20

Instrument :

BNA_F

ClientSampleId :

TP-1

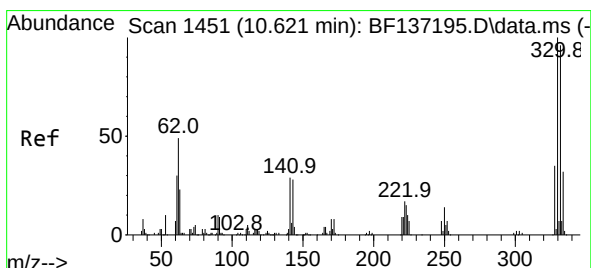
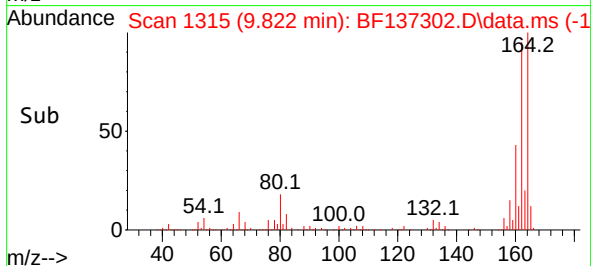
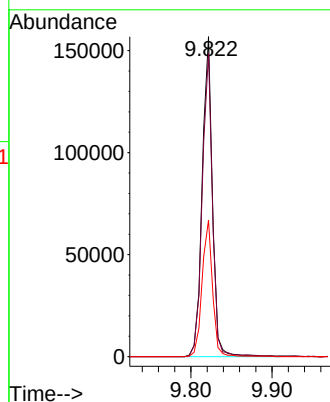
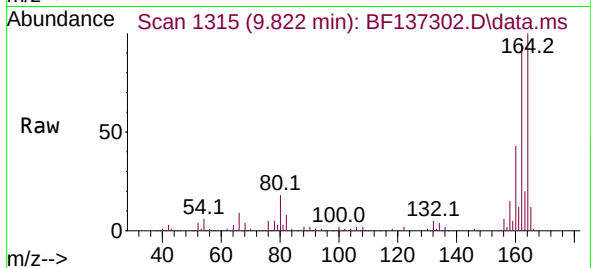
Tgt Ion:164 Resp: 136878

Ion Ratio Lower Upper

164 100

162 94.8 78.3 117.5

160 42.7 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 187.236 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137302.D

Acq: 06 Feb 2024 20:20

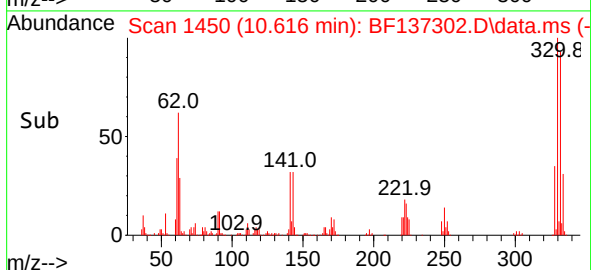
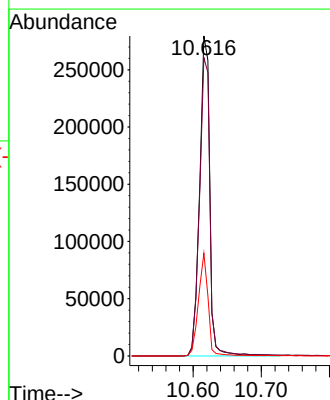
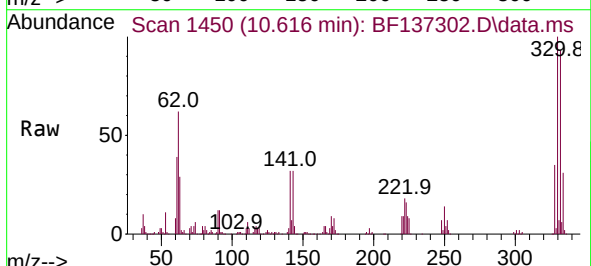
Tgt Ion:330 Resp: 289436

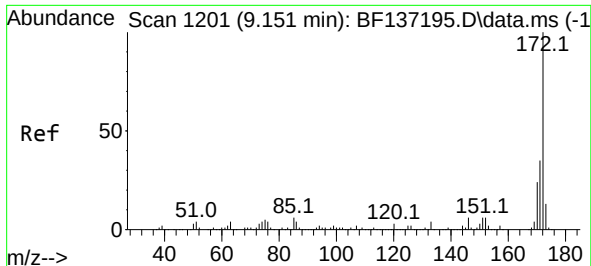
Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 30.4 25.2 37.8

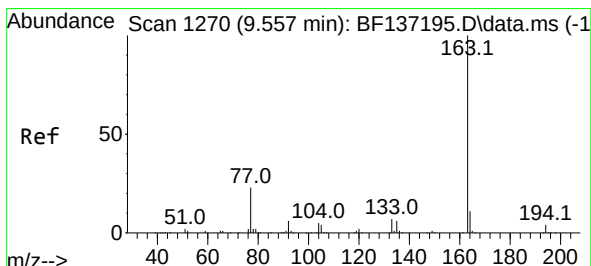
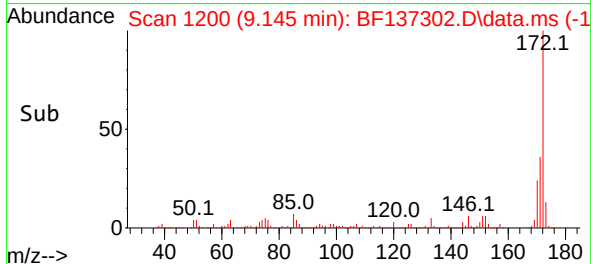
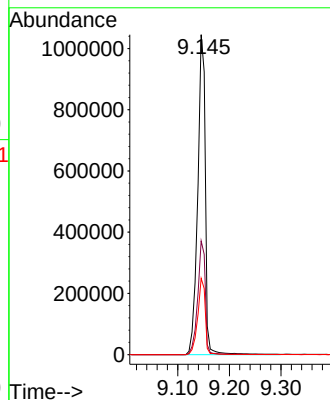
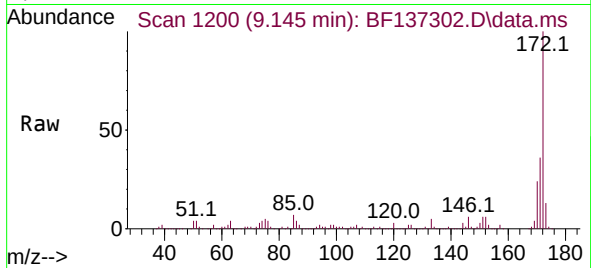




#45
2-Fluorobiphenyl
Concen: 107.640 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

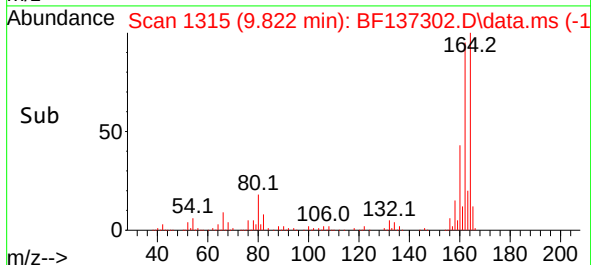
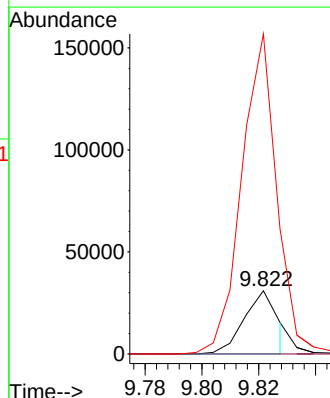
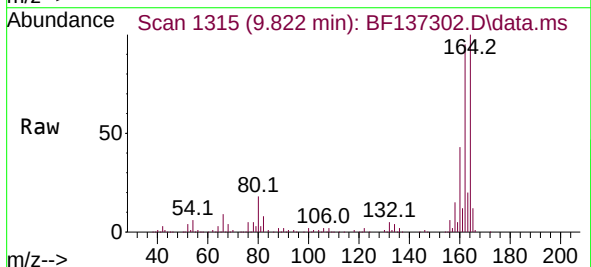
Instrument :
BNA_F
ClientSampleId :
TP-1

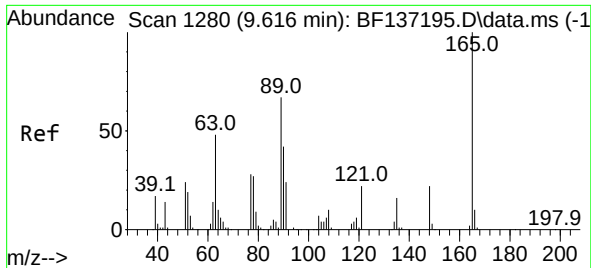
Tgt Ion:172 Resp: 1071789
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.8 19.1 28.7



#50
Dimethylphthalate
Concen: 2.736 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

Tgt Ion:163 Resp: 25300
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 507.5 8.6 13.0#

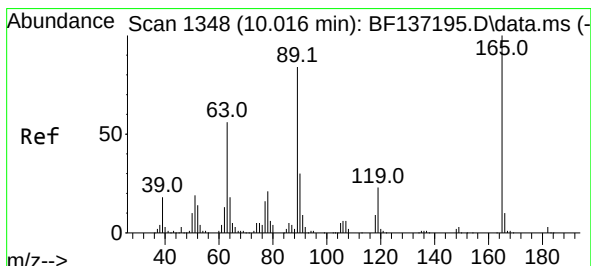
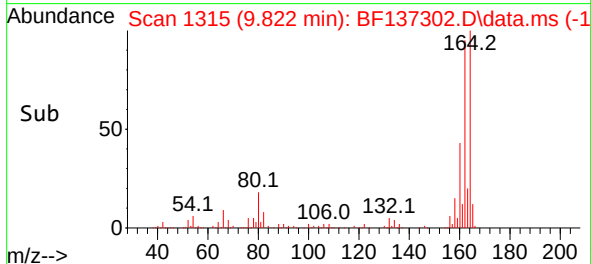
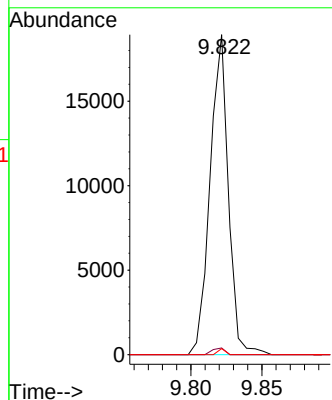
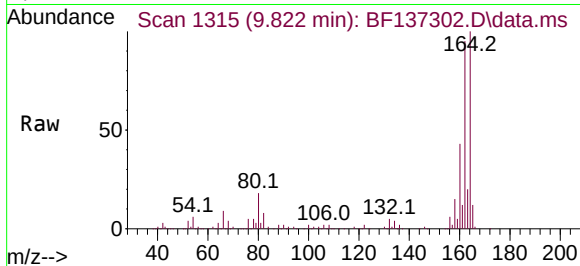




#51
2,6-Dinitrotoluene
Concen: 8.591 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

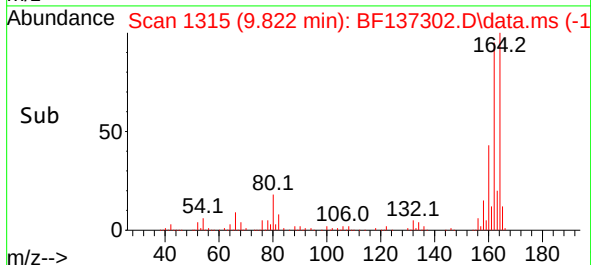
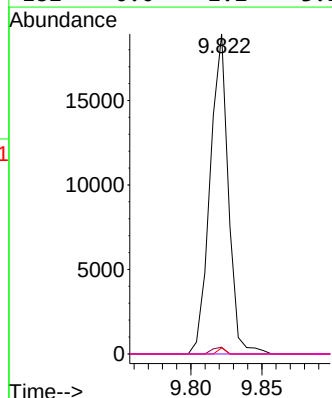
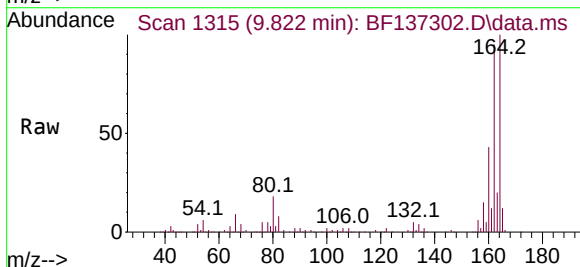
Instrument :
BNA_F
ClientSampleId :
TP-1

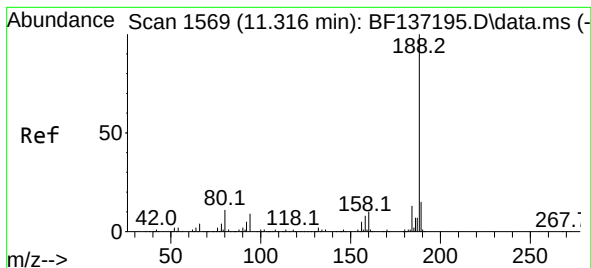
Tgt Ion:165 Resp: 16941
Ion Ratio Lower Upper
165 100
63 2.1 55.1 82.7#
89 1.9 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.621 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

Tgt Ion:165 Resp: 16941
Ion Ratio Lower Upper
165 100
63 2.1 46.1 69.1#
89 1.9 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: BF137302.D

Acq: 06 Feb 2024 20:20

Instrument :

BNA_F

ClientSampleId :

TP-1

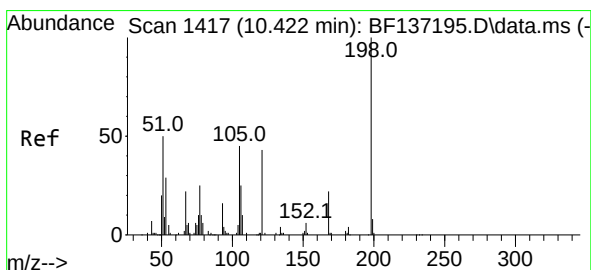
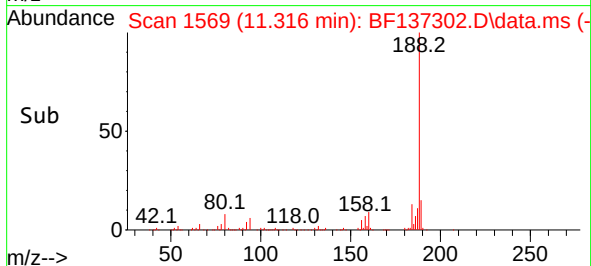
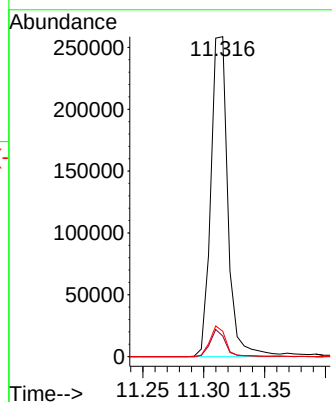
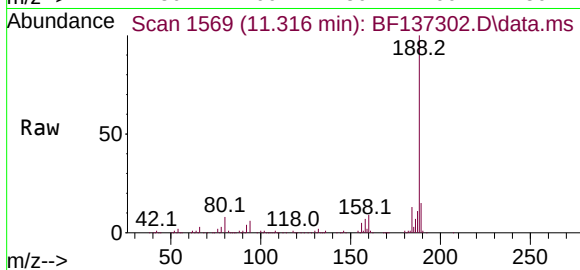
Tgt Ion:188 Resp: 253077

Ion Ratio Lower Upper

188 100

94 6.4 7.0 10.4#

80 7.9 8.8 13.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.942 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF137302.D

Acq: 06 Feb 2024 20:20

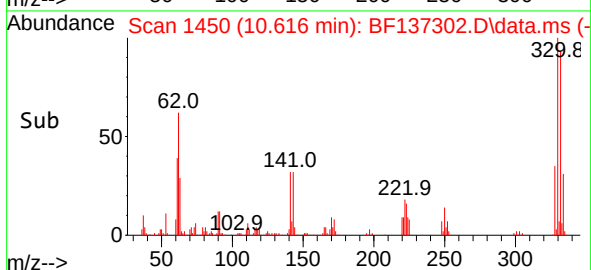
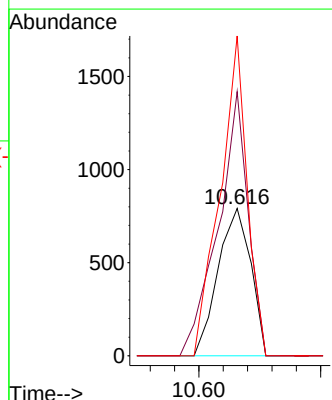
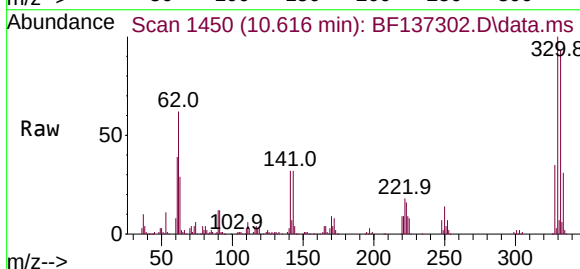
Tgt Ion:198 Resp: 737

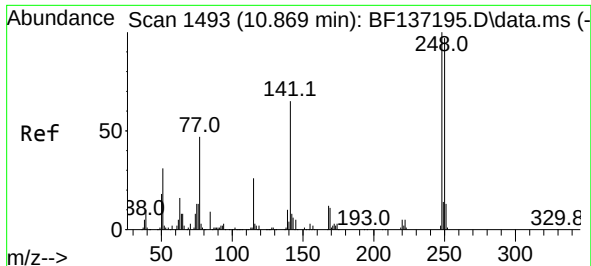
Ion Ratio Lower Upper

198 100

51 179.4 40.9 80.9#

105 217.2 26.5 66.5#

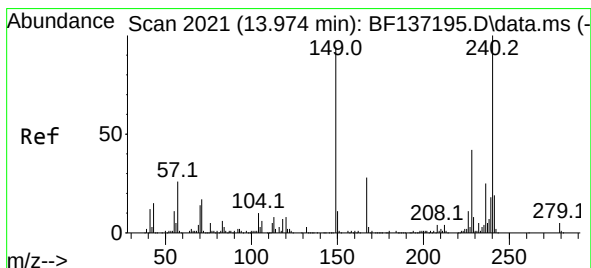
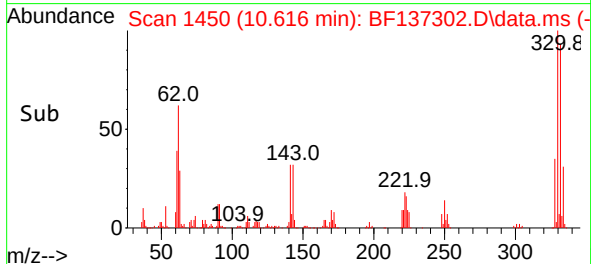
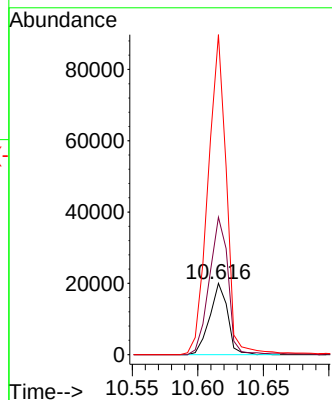
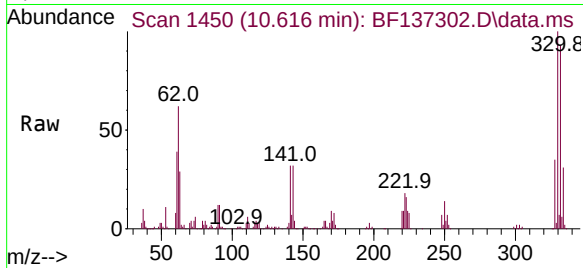




#67
4-Bromophenyl-phenylether
Concen: 6.837 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

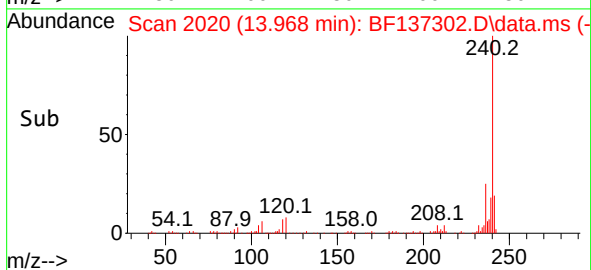
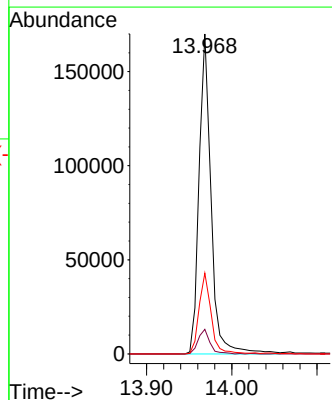
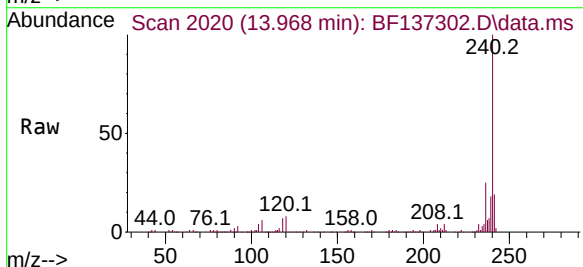
Instrument :
BNA_F
ClientSampleId :
TP-1

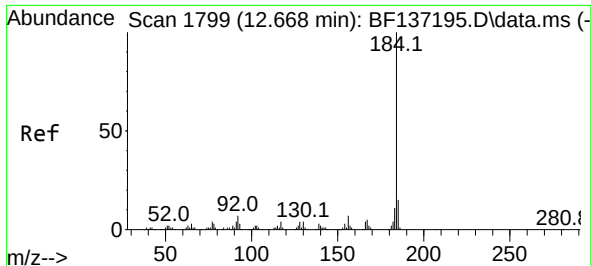
Tgt Ion:248 Resp: 19027
Ion Ratio Lower Upper
248 100
250 192.7 77.7 116.5#
141 449.1 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

Tgt Ion:240 Resp: 166239
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 25.2 20.3 30.5





#77

Benzidine

Concen: 5.471 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.248 min

Lab File: BF137302.D

Acq: 06 Feb 2024 20:20

Instrument :

BNA_F

ClientSampleId :

TP-1

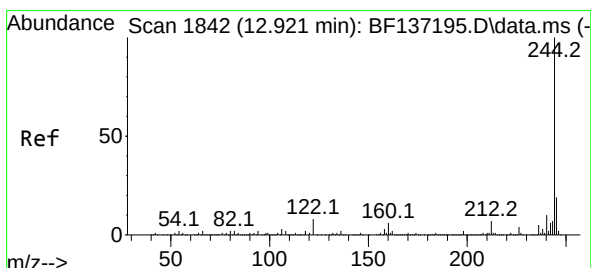
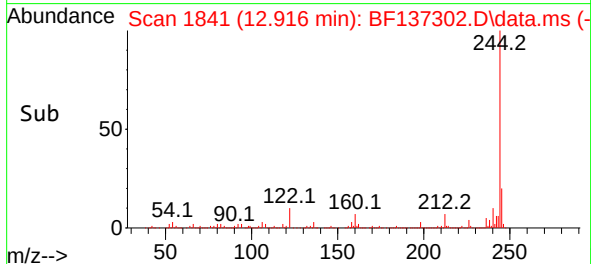
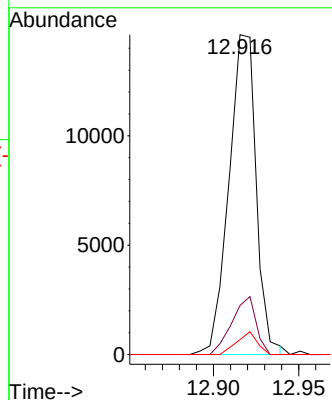
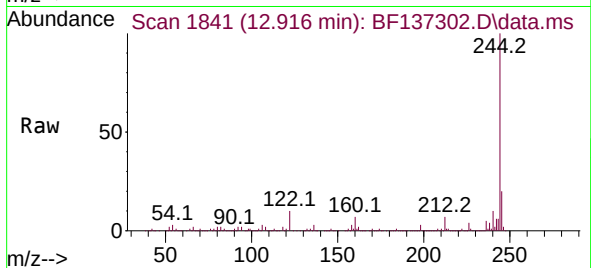
Tgt Ion:184 Resp: 16286

Ion Ratio Lower Upper

184 100

185 15.4 11.9 17.9

183 4.7 8.8 13.2#



#79

Terphenyl-d14

Concen: 108.882 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF137302.D

Acq: 06 Feb 2024 20:20

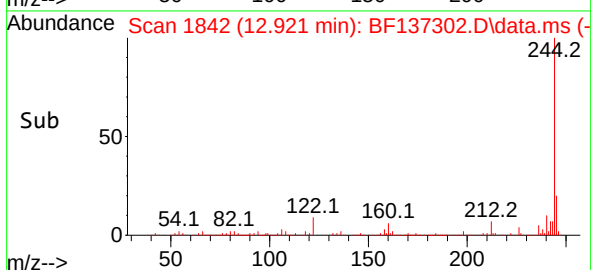
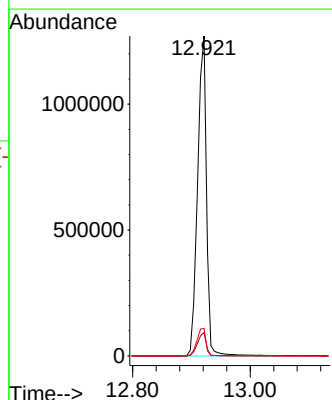
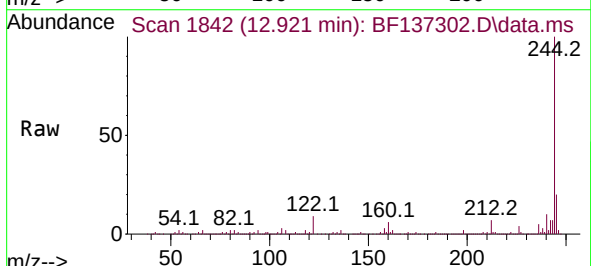
Tgt Ion:244 Resp: 1331461

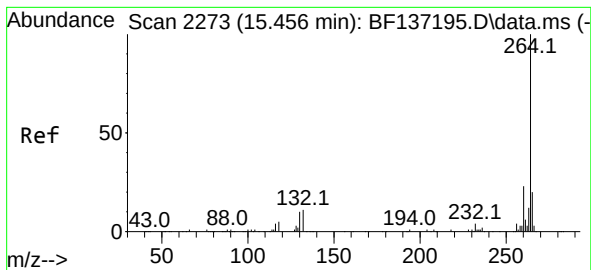
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 8.6 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137302.D

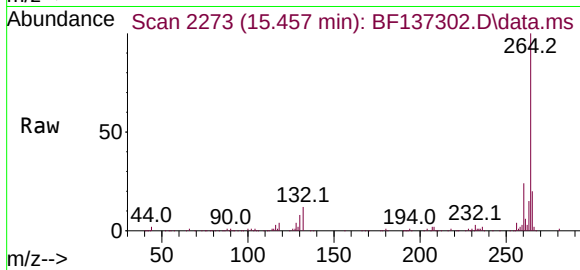
Acq: 06 Feb 2024 20:20

Instrument :

BNA_F

ClientSampleId :

TP-1



Tgt Ion:264 Resp: 140810

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 20.4 16.2 24.2

