

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137303.D
 Acq On : 06 Feb 2024 20:50
 Operator : CG\JU
 Sample : P1337-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Feb 07 01:05:35 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)

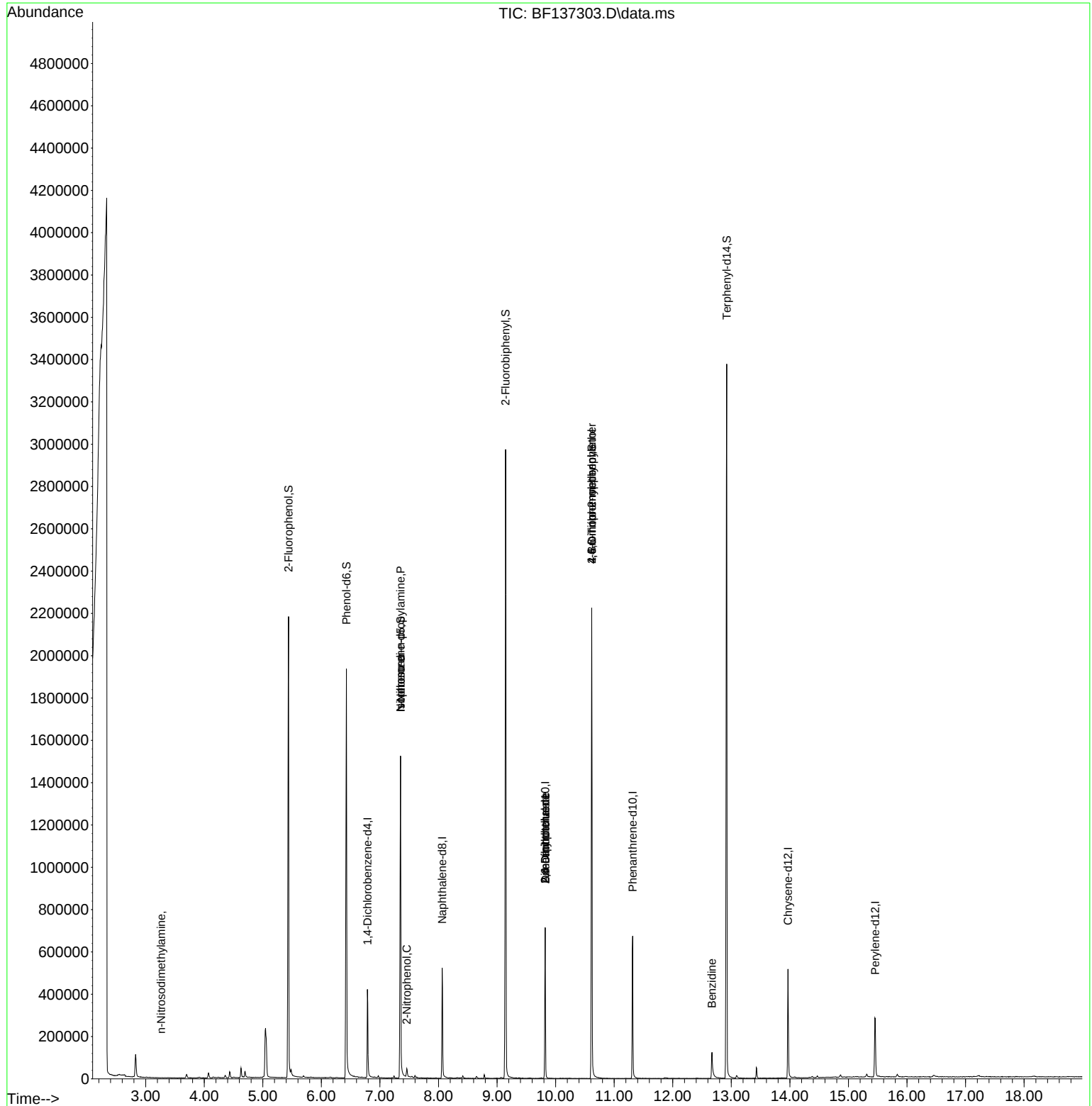
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	60773	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	234124	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	138125	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	273093	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	177693	20.000	ng	0.00
86) Perylene-d12	15.457	264	154587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	575403	156.231	ng	0.02
7) Phenol-d6	6.428	99	673449	128.128	ng	0.00
23) Nitrobenzene-d5	7.351	82	551493	105.462	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	270572	173.453	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1002871	99.809	ng	0.00
79) Terphenyl-d14	12.922	244	1306765	99.974	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.263	42	674	6.353	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	74679	20.722	ng	# 79
25) Isophorone	7.351	82	551488	57.136	ng	# 67
26) 2-Nitrophenol	7.457	139	535	2.708	ng	# 28
50) Dimethylphthalate	9.822	163	25841	2.769	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	17393	8.741	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	17393	6.737	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	623	5.836	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	18389	6.124	ng	# 1
77) Benzidine	12.669	184	80426	25.276	ng	99

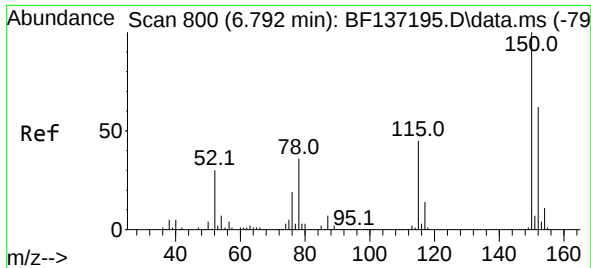
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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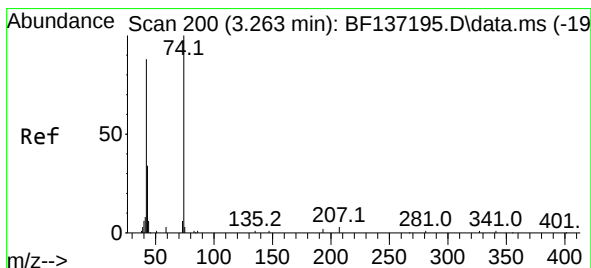
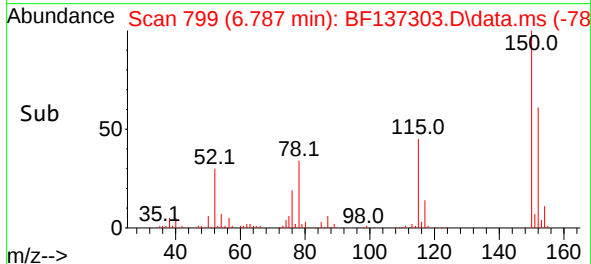
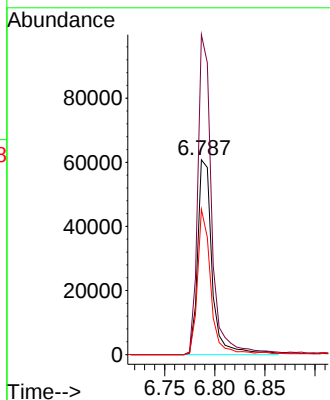
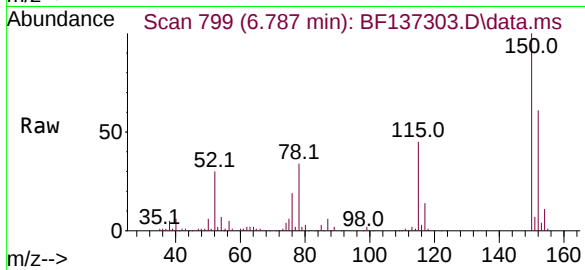




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

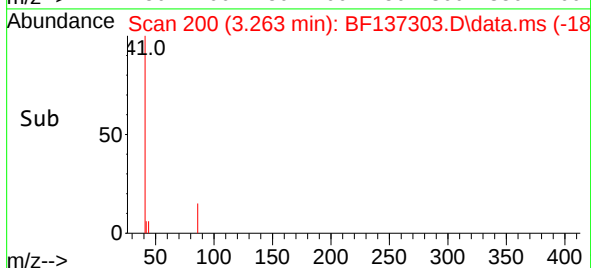
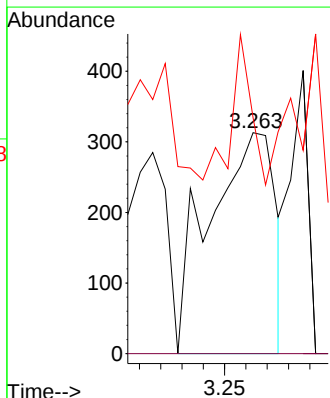
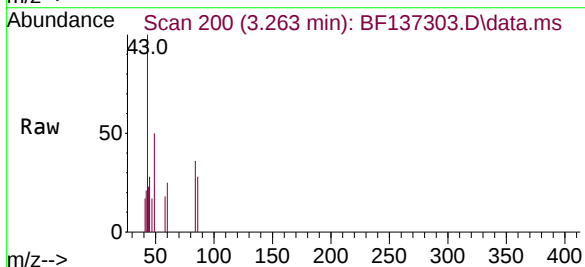
Instrument :
BNA_F
ClientSampleId :
TP-2

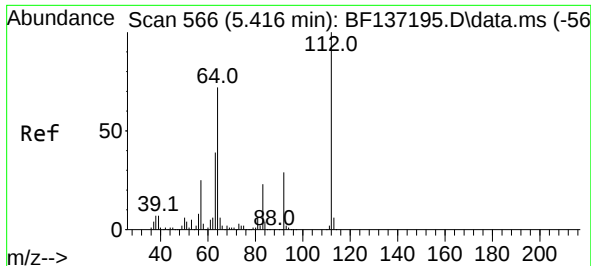
Tgt Ion:152 Resp: 60773
Ion Ratio Lower Upper
152 100
150 164.3 129.8 194.8
115 74.7 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.353 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.000 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

Tgt Ion: 42 Resp: 674
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 106.7 6.1 9.1#

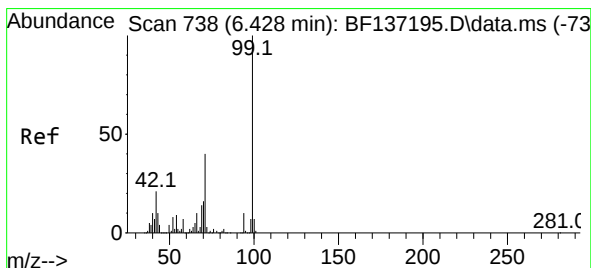
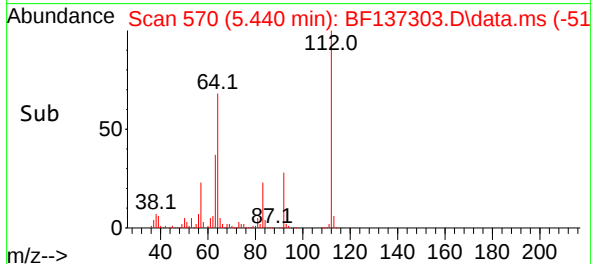
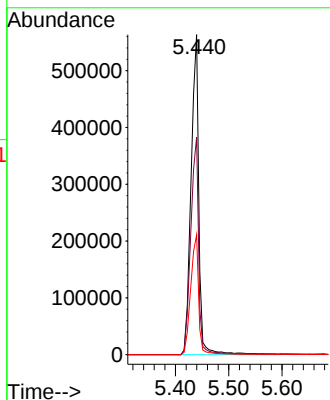
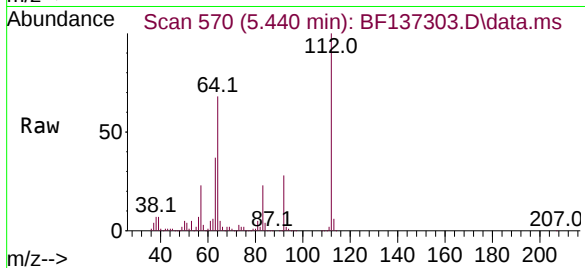




#5
2-Fluorophenol
Concen: 156.231 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

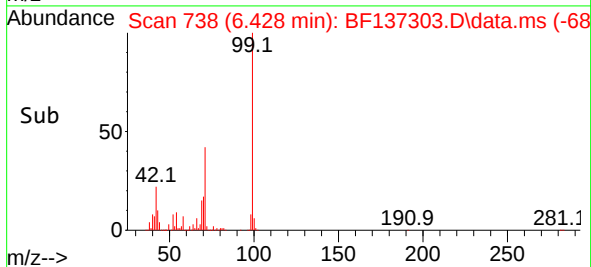
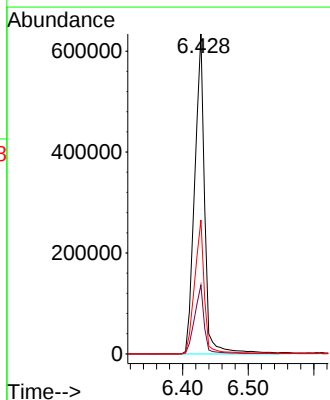
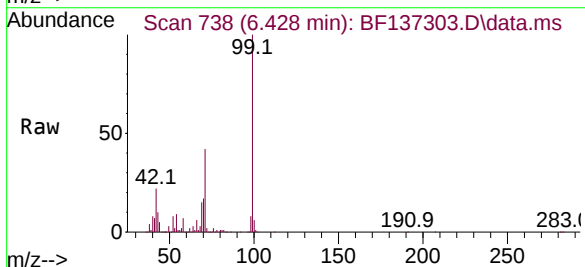
Instrument :
BNA_F
ClientSampleId :
TP-2

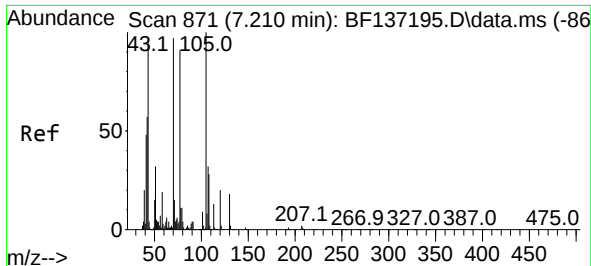
Tgt Ion:112 Resp: 575403
Ion Ratio Lower Upper
112 100
64 67.9 57.8 86.6
63 37.4 31.4 47.0



#7
Phenol-d6
Concen: 128.128 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

Tgt Ion: 99 Resp: 673449
Ion Ratio Lower Upper
99 100
42 21.5 16.4 24.6
71 41.8 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 20.722 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF137303.D

Acq: 06 Feb 2024 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion: 70 Resp: 74679

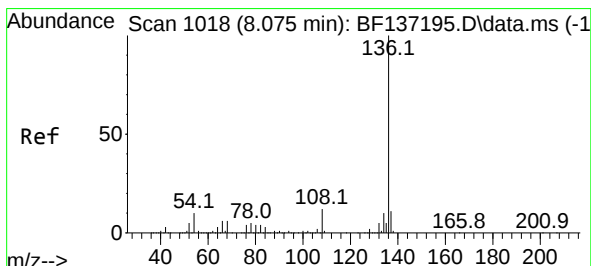
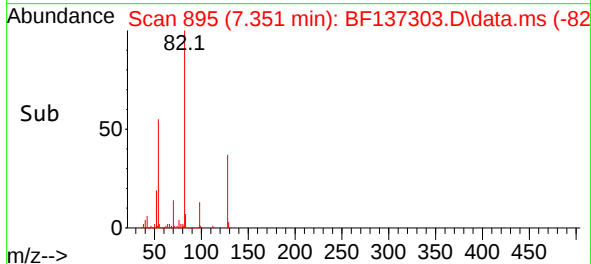
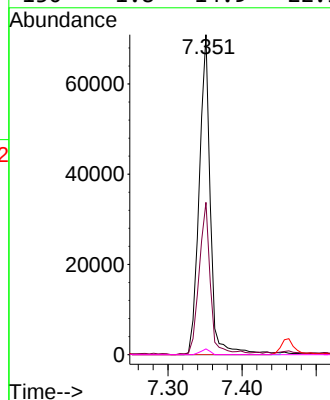
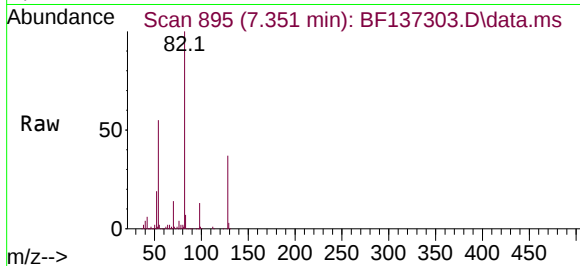
Ion Ratio Lower Upper

70 100

42 47.6 47.2 70.8

101 0.0 7.4 11.0#

130 1.8 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: BF137303.D

Acq: 06 Feb 2024 20:50

Tgt Ion: 136 Resp: 234124

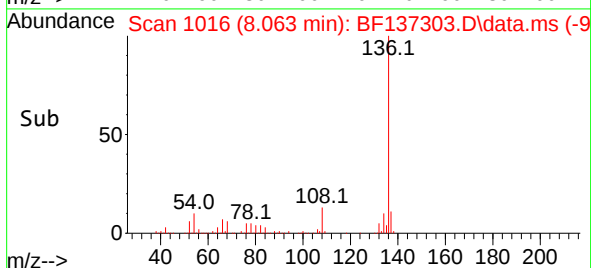
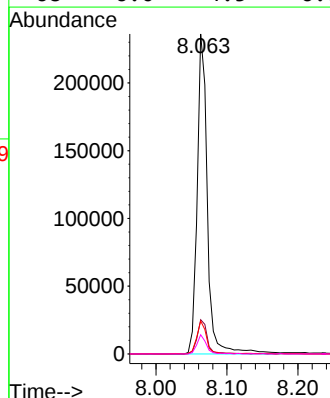
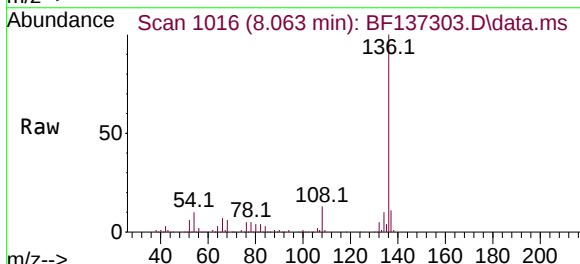
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 10.3 7.8 11.8

68 6.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 105.462 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137303.D

Acq: 06 Feb 2024 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2

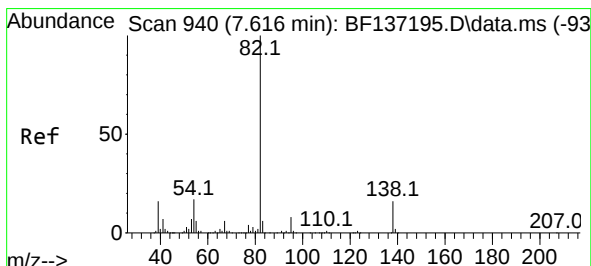
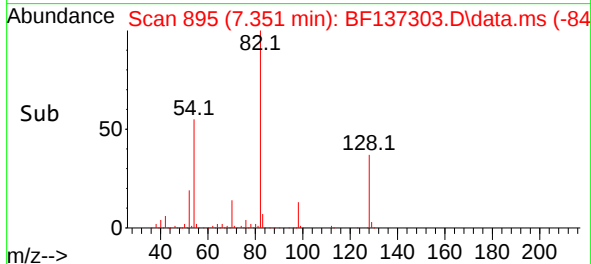
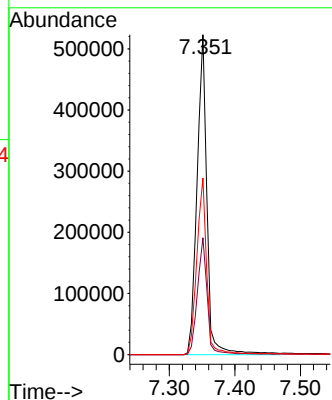
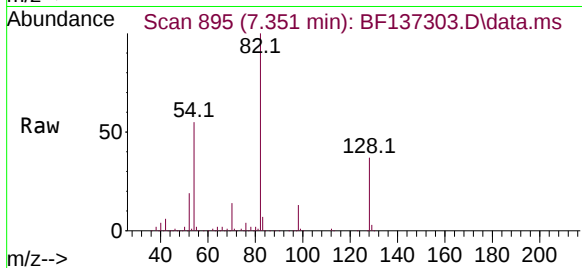
Tgt Ion: 82 Resp: 551493

Ion Ratio Lower Upper

82 100

128 36.5 29.1 43.7

54 55.2 45.0 67.6



#25

Isophorone

Concen: 57.136 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF137303.D

Acq: 06 Feb 2024 20:50

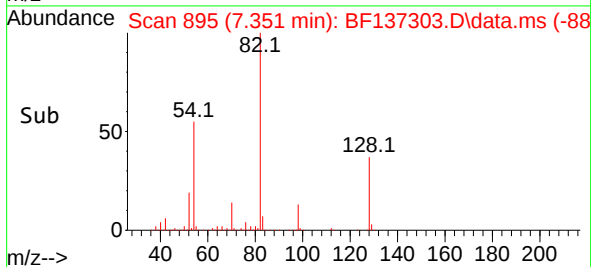
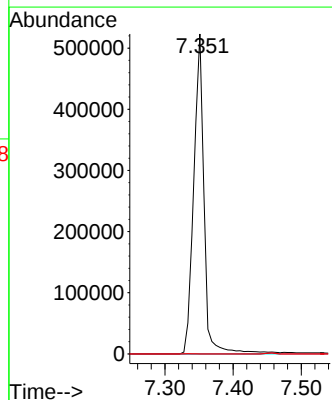
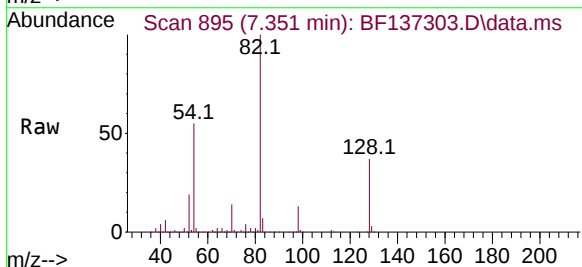
Tgt Ion: 82 Resp: 551488

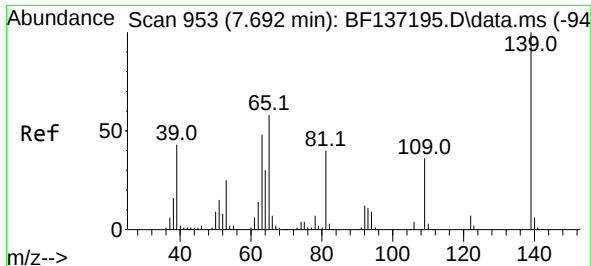
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 12.7 19.1#

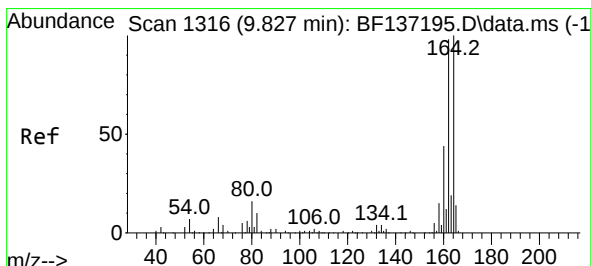
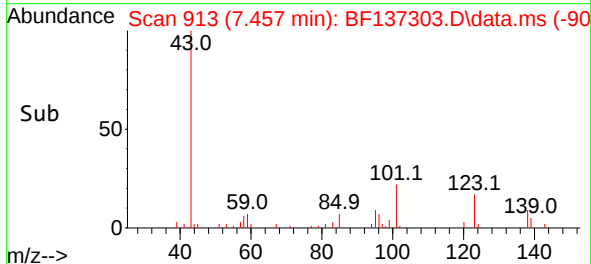
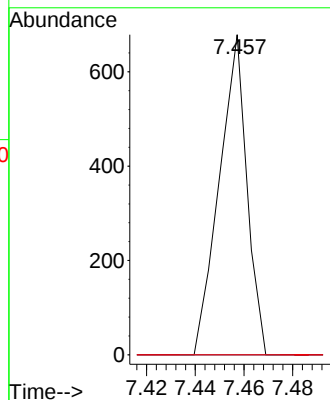
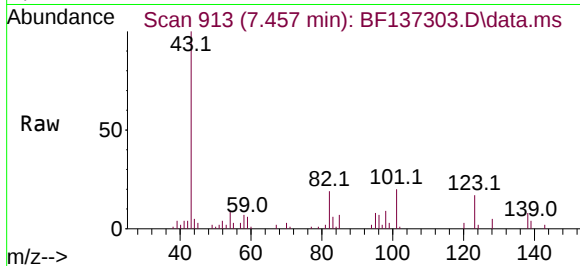




#26
2-Nitrophenol
Concen: 2.708 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.235 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

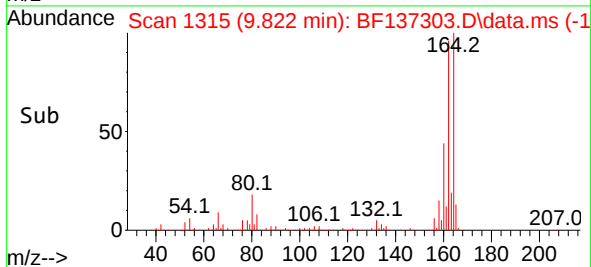
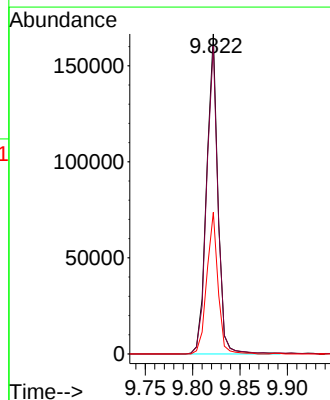
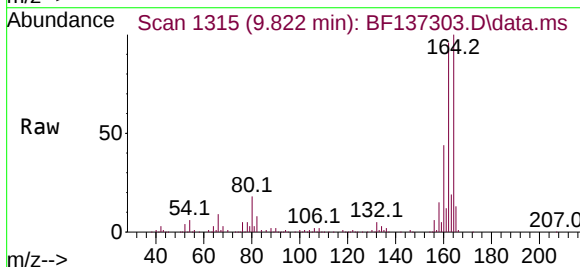
Instrument :
BNA_F
ClientSampleId :
TP-2

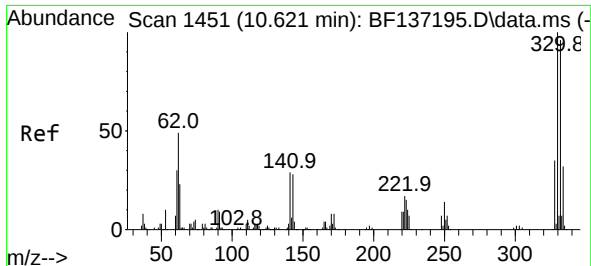
Tgt Ion:139 Resp: 535
Ion Ratio Lower Upper
139 100
109 0.0 28.5 42.7#
65 0.0 46.7 70.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

Tgt Ion:164 Resp: 138125
Ion Ratio Lower Upper
164 100
162 96.2 78.3 117.5
160 44.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 173.453 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137303.D

Acq: 06 Feb 2024 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2

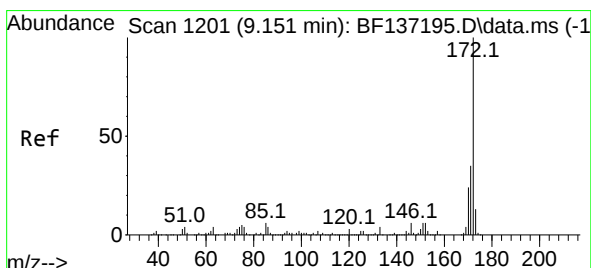
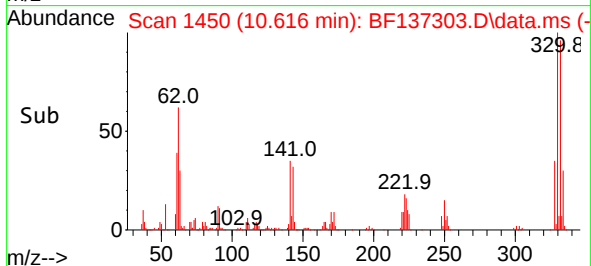
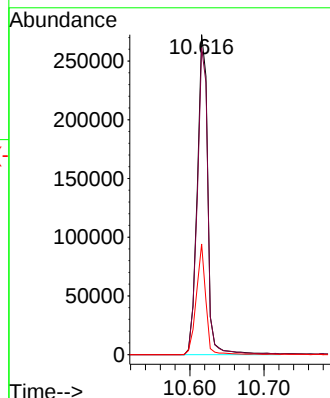
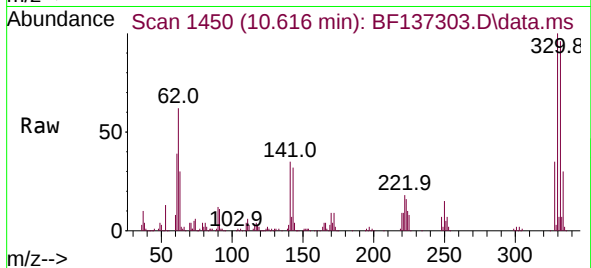
Tgt Ion:330 Resp: 270572

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 31.1 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 99.809 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137303.D

Acq: 06 Feb 2024 20:50

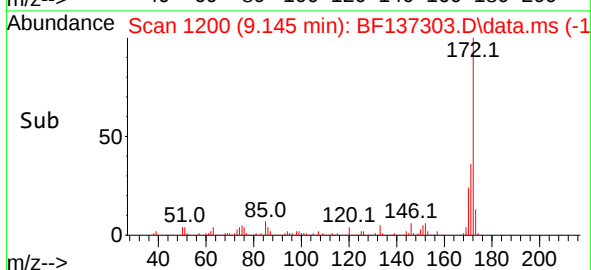
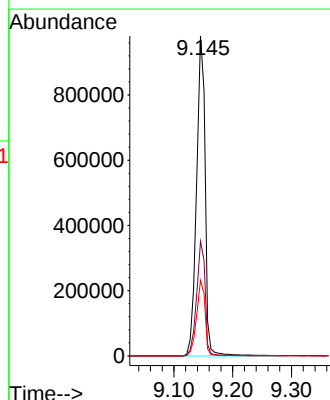
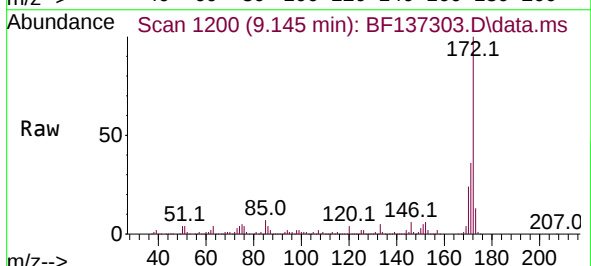
Tgt Ion:172 Resp: 1002871

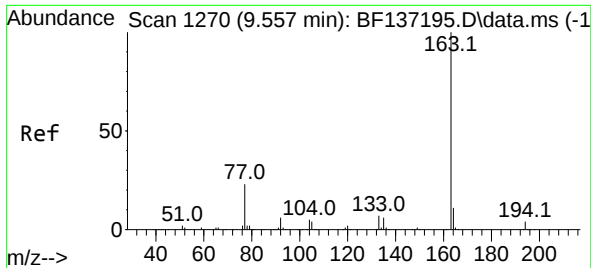
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.6 19.1 28.7

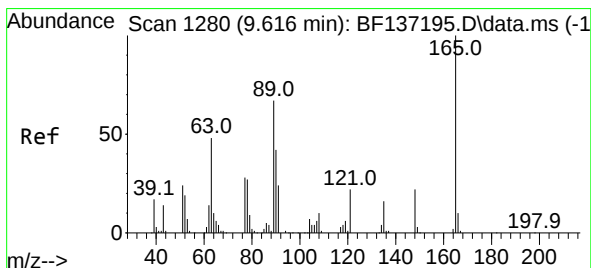
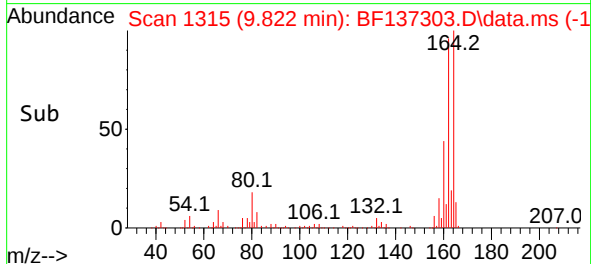
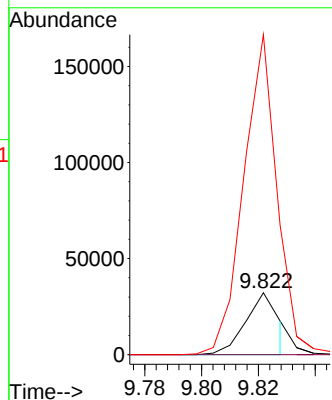
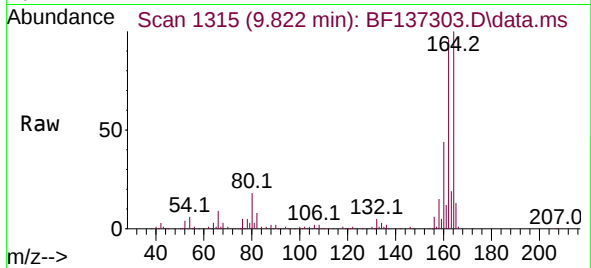




#50
Dimethylphthalate
Concen: 2.769 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

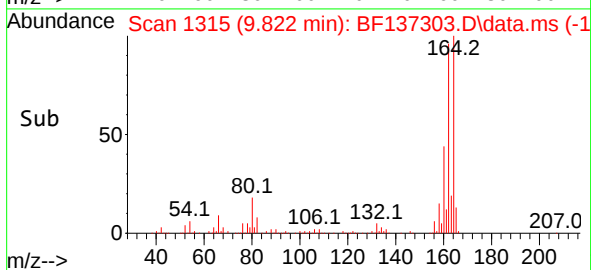
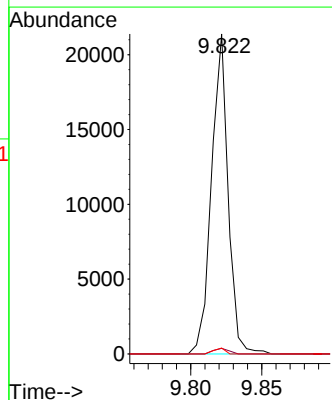
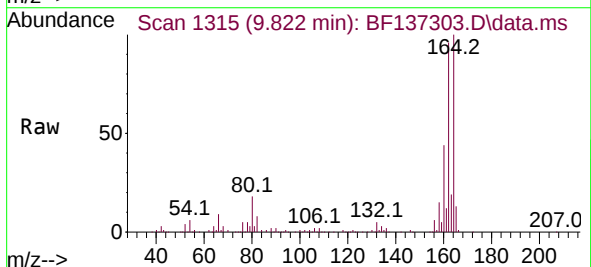
Instrument :
BNA_F
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TP-2

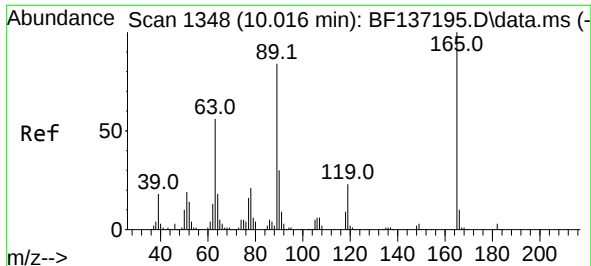
Tgt Ion:163 Resp: 25841
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 518.1 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.741 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

Tgt Ion:165 Resp: 17393
Ion Ratio Lower Upper
165 100
63 1.7 55.1 82.7#
89 1.8 53.5 80.3#

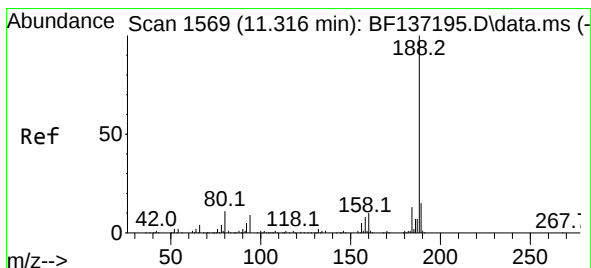
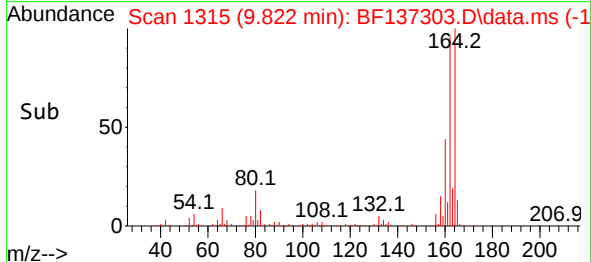
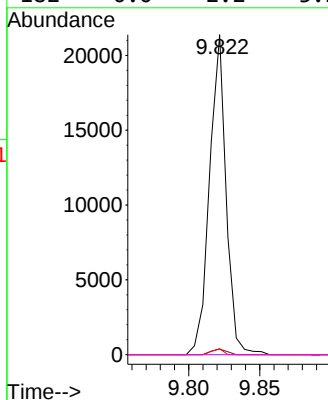
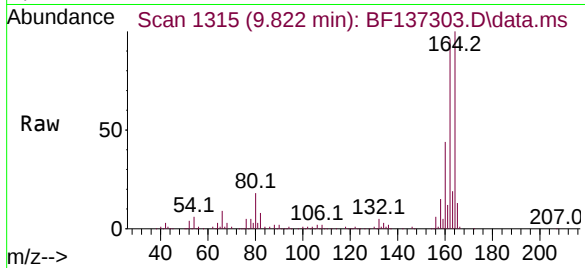




#57
2,4-Dinitrotoluene
Concen: 6.737 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

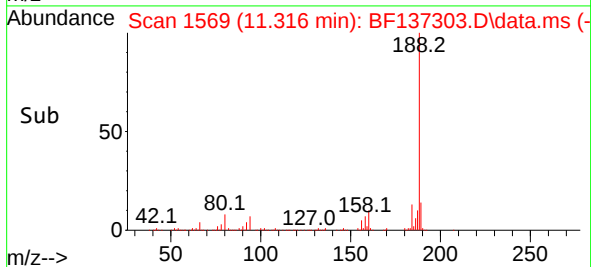
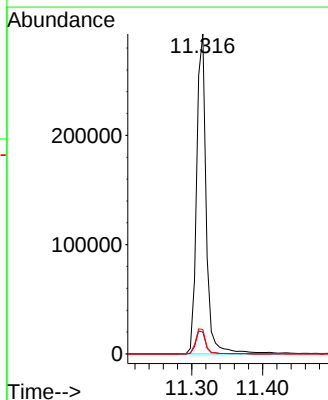
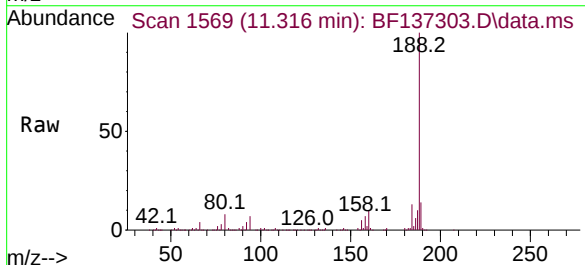
Instrument :
BNA_F
ClientSampleId :
TP-2

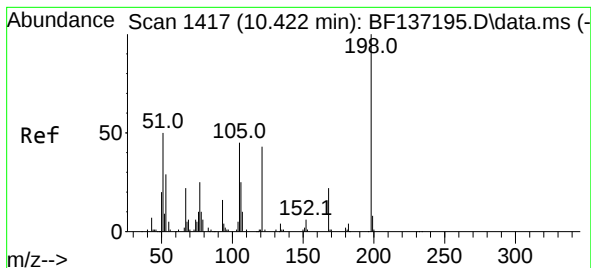
Tgt Ion:165 Resp: 17393
Ion Ratio Lower Upper
165 100
63 1.7 46.1 69.1#
89 1.8 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

Tgt Ion:188 Resp: 273093
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.4#
80 7.6 8.8 13.2#

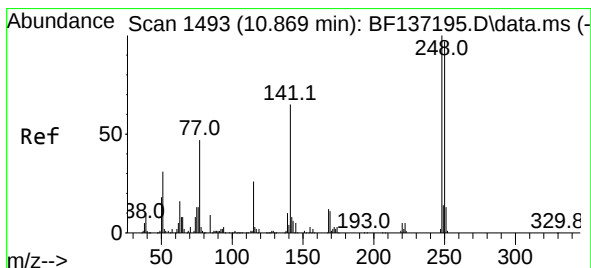
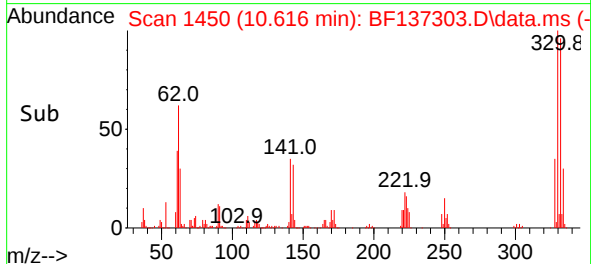
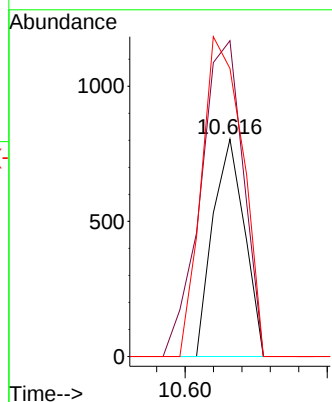
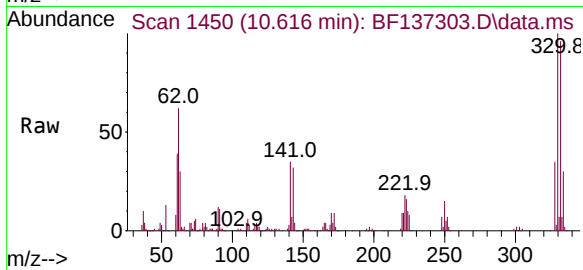




#65
4,6-Dinitro-2-methylphenol
Concen: 5.836 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

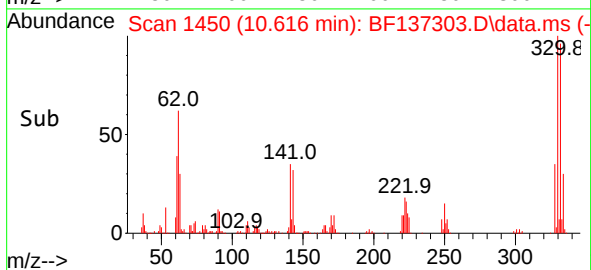
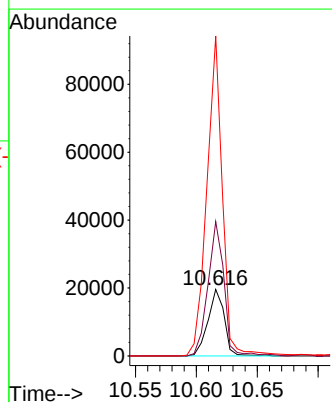
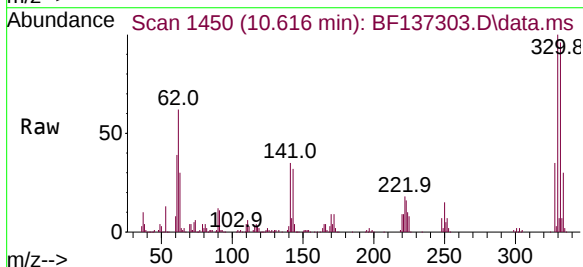
Instrument :
BNA_F
ClientSampleId :
TP-2

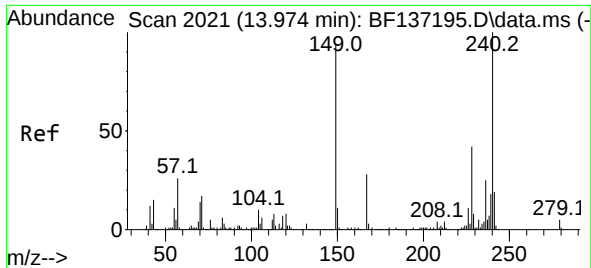
Tgt Ion:198 Resp: 623
Ion Ratio Lower Upper
198 100
51 145.4 40.9 80.9#
105 132.6 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 6.124 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

Tgt Ion:248 Resp: 18389
Ion Ratio Lower Upper
248 100
250 202.0 77.7 116.5#
141 481.0 51.6 77.4#

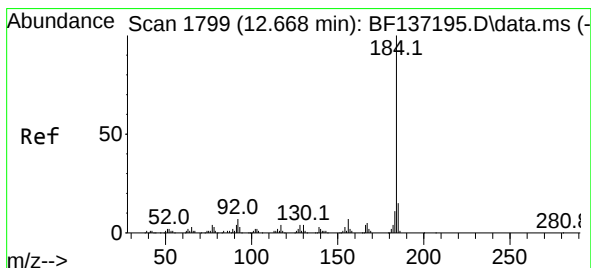
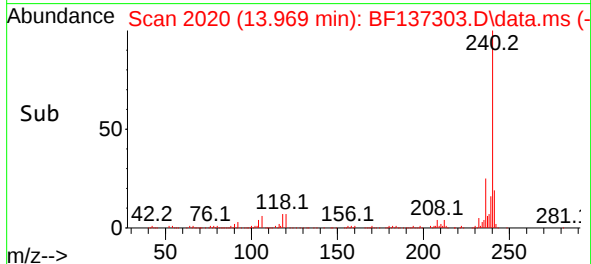
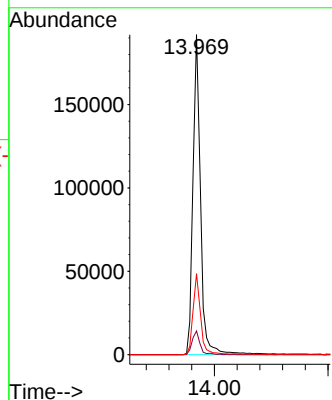
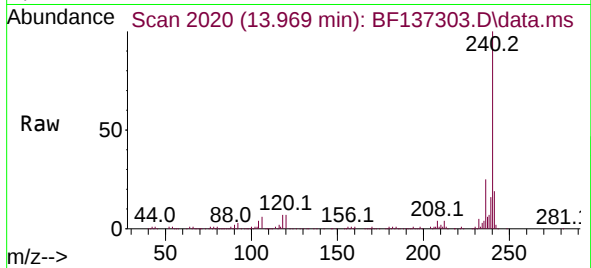




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

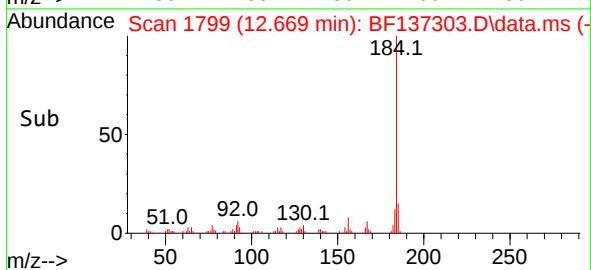
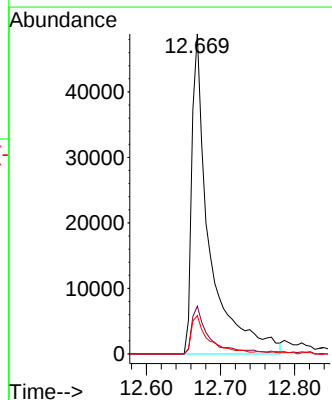
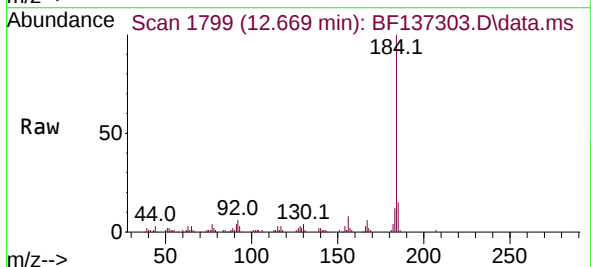
Instrument :
BNA_F
ClientSampleId :
TP-2

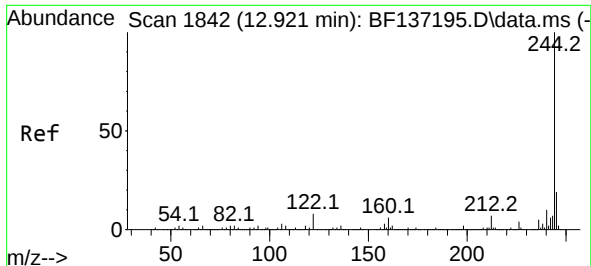
Tgt Ion:240 Resp: 177693
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 25.3 20.3 30.5



#77
Benzidine
Concen: 25.276 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.001 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

Tgt Ion:184 Resp: 80426
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 12.0 8.8 13.2

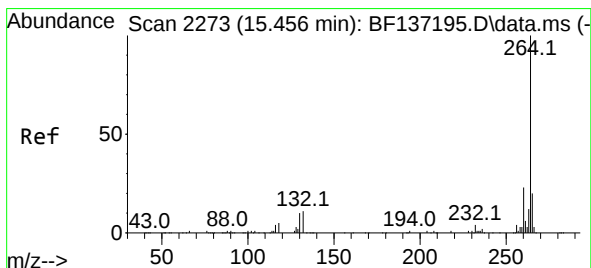
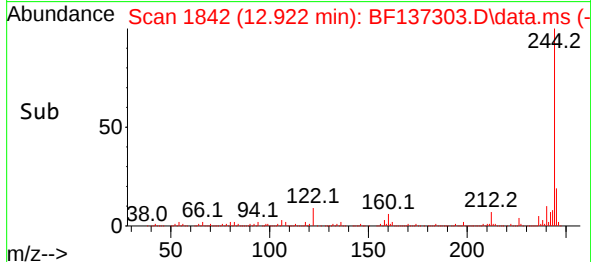
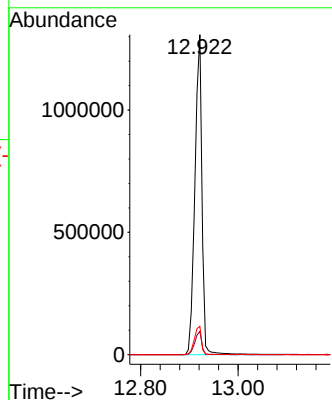
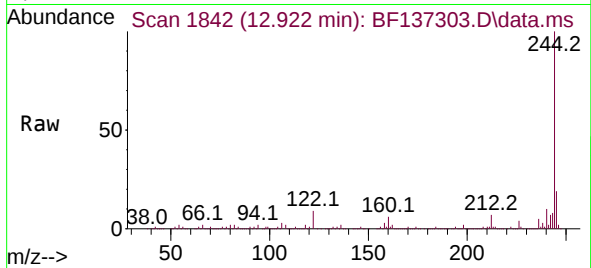




#79
Terphenyl-d14
Concen: 99.974 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 1306765
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 8.8 6.2 9.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

Tgt Ion:264 Resp: 154587
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 21.8 16.2 24.2

