

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137309.D
 Acq On : 06 Feb 2024 23:47
 Operator : CG\JU
 Sample : P1362-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Feb 07 01:09:16 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)

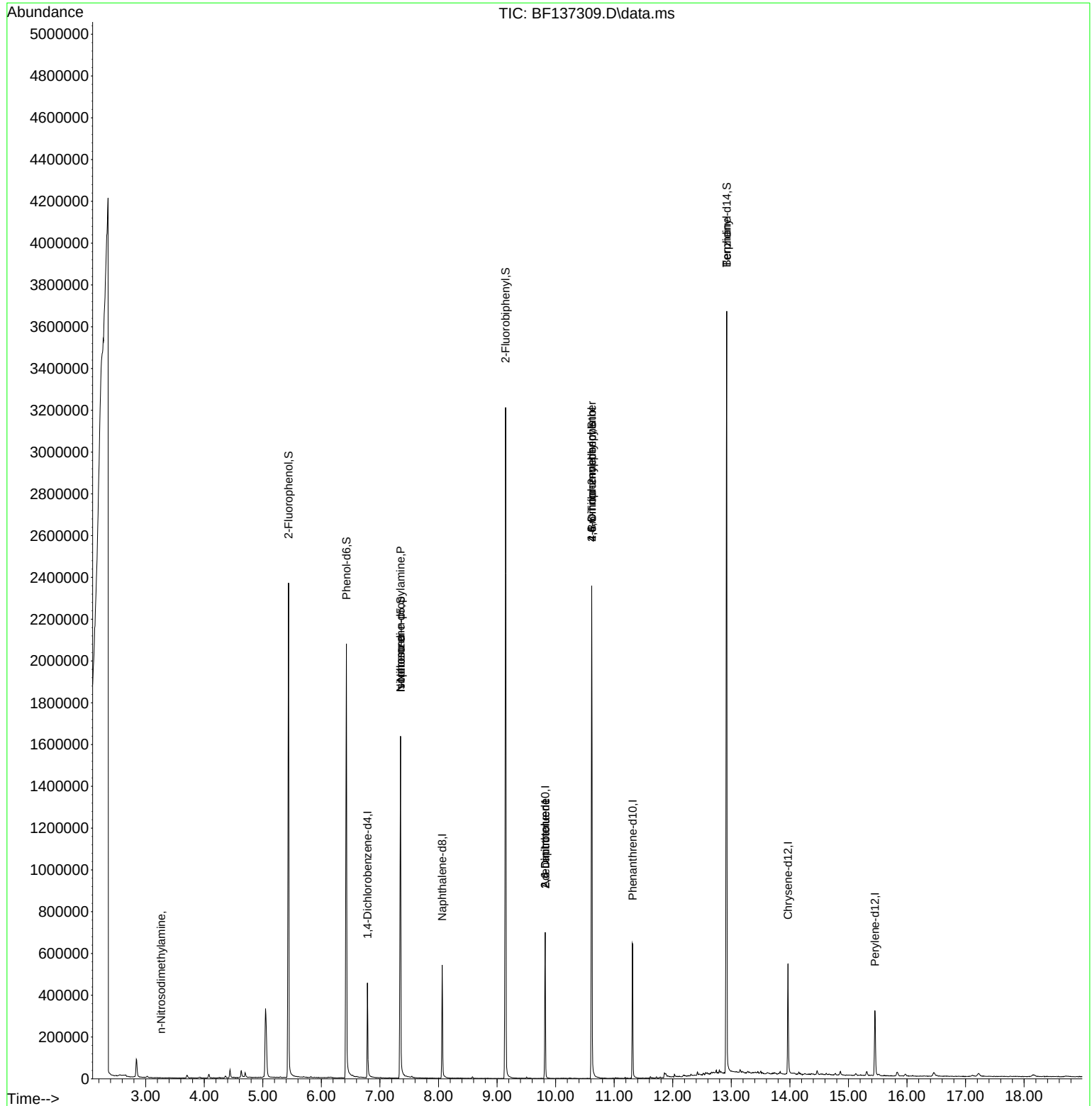
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	63139	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	242804	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	143428	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	273935	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	183066	20.000	ng	0.00
86) Perylene-d12	15.451	264	158330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	649866	169.837	ng	0.02
7) Phenol-d6	6.428	99	764538	140.008	ng	0.00
23) Nitrobenzene-d5	7.351	82	601553	110.923	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	294525	181.827	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1113850	106.756	ng	0.00
79) Terphenyl-d14	12.922	244	1397868	103.805	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.263	42	156	6.125	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	83569	22.320	ng	# 77
25) Isophorone	7.351	82	601547	60.094	ng	# 67
51) 2,6-Dinitrotoluene	9.822	165	18538	8.972	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	18538	6.915	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	635	5.843	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	19889	6.603	ng	# 1
77) Benzidine	12.922	184	18629	5.683	ng	# 93

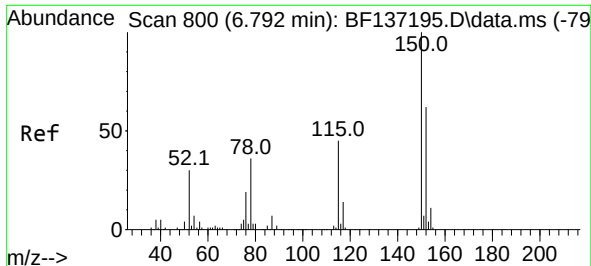
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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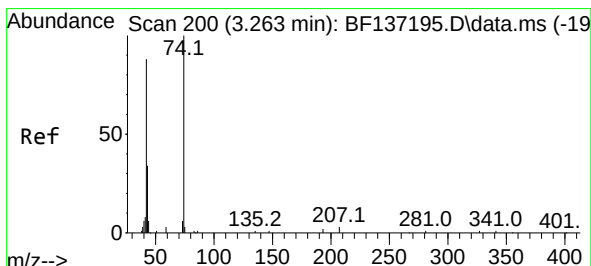
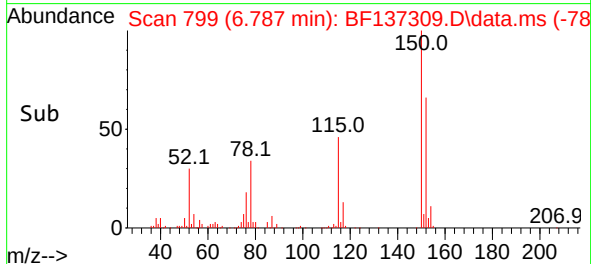
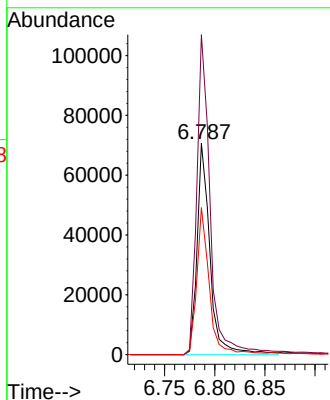
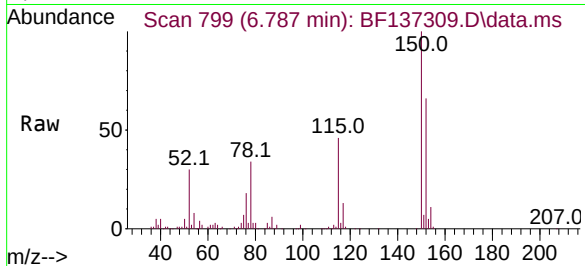




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

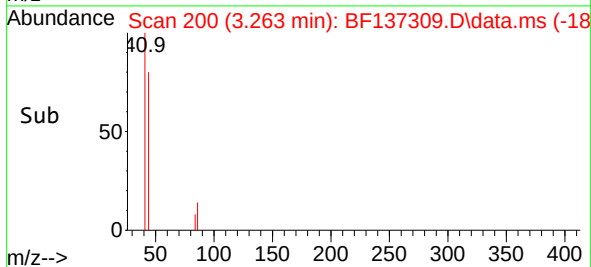
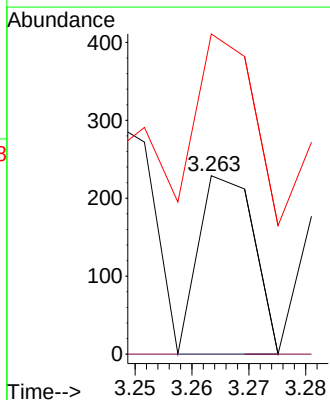
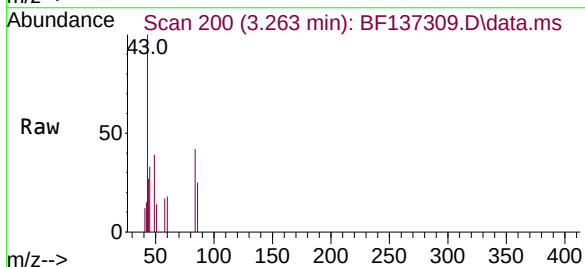
Instrument :
BNA_F
ClientSampleId :
WC-2

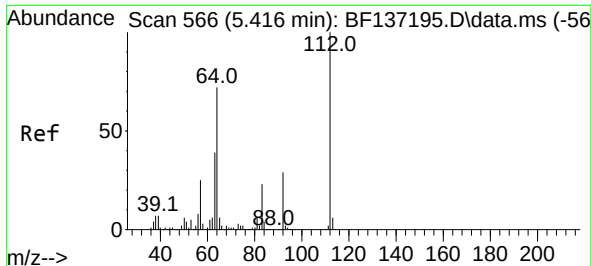
Tgt Ion:152 Resp: 63139
Ion Ratio Lower Upper
152 100
150 151.5 129.8 194.8
115 69.6 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.125 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.000 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

Tgt Ion: 42 Resp: 156
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 179.5 6.1 9.1#

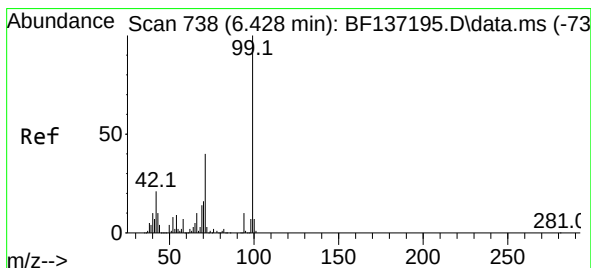
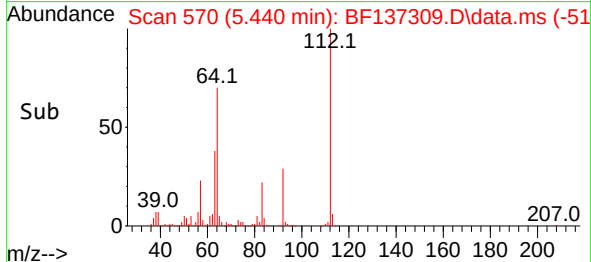
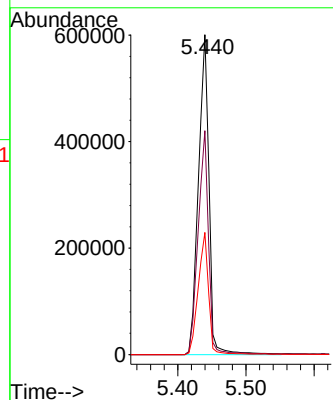
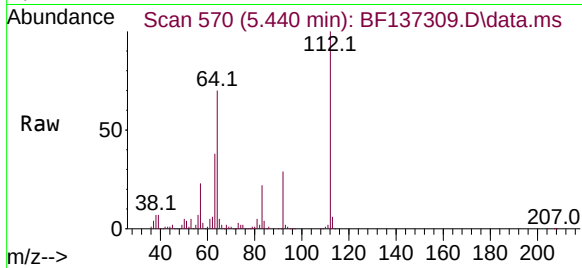




#5
2-Fluorophenol
Concen: 169.837 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

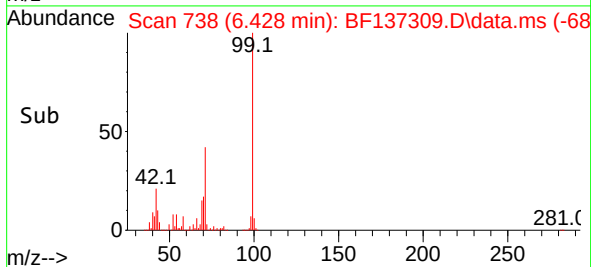
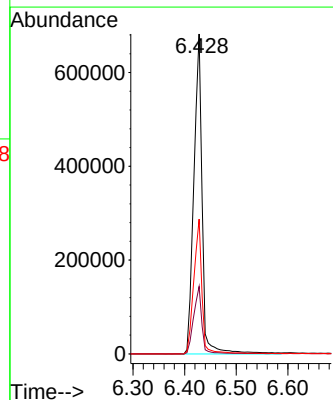
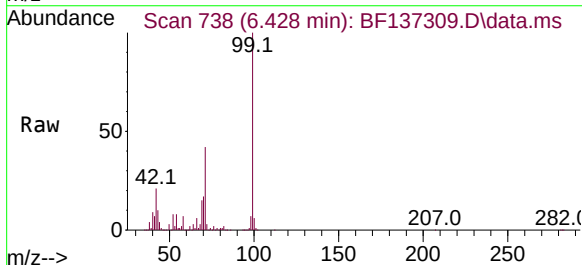
Instrument :
BNA_F
ClientSampleId :
WC-2

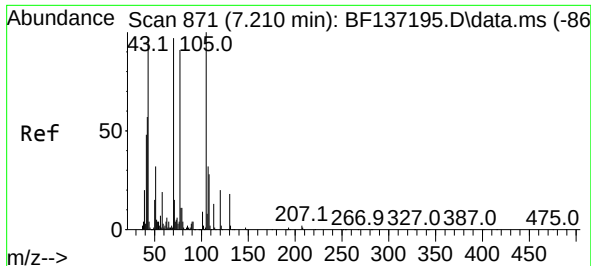
Tgt Ion:112 Resp: 649866
Ion Ratio Lower Upper
112 100
64 70.0 57.8 86.6
63 38.2 31.4 47.0



#7
Phenol-d6
Concen: 140.008 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

Tgt Ion: 99 Resp: 764538
Ion Ratio Lower Upper
99 100
42 21.1 16.4 24.6
71 42.1 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 22.320 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF137309.D

Acq: 06 Feb 2024 23:47

Instrument :

BNA_F

ClientSampleId :

WC-2

Tgt Ion: 70 Resp: 83569

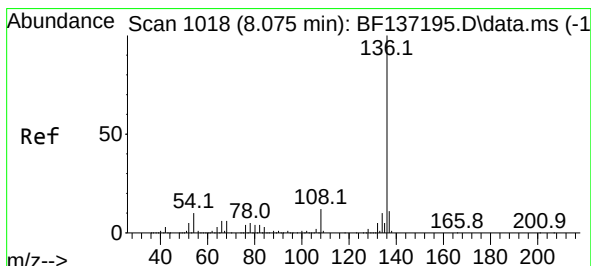
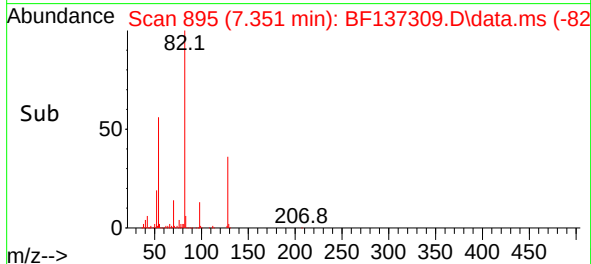
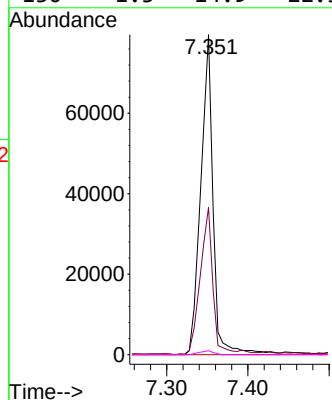
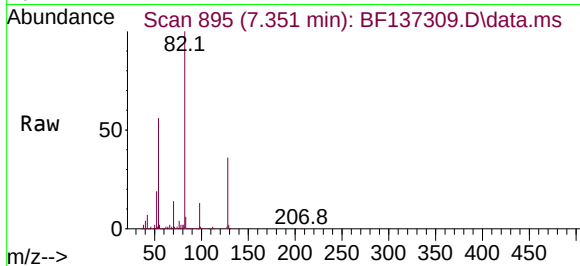
Ion Ratio Lower Upper

70 100

42 46.0 47.2 70.8#

101 0.0 7.4 11.0#

130 1.3 14.9 22.3#



#21

Napthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.012 min

Lab File: BF137309.D

Acq: 06 Feb 2024 23:47

Tgt Ion:136 Resp: 242804

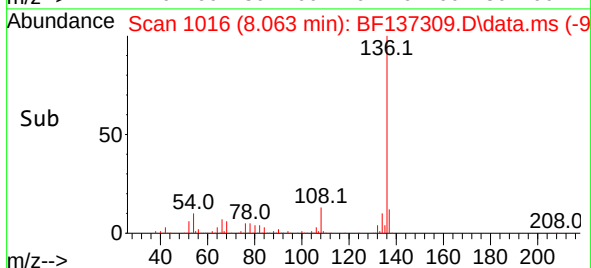
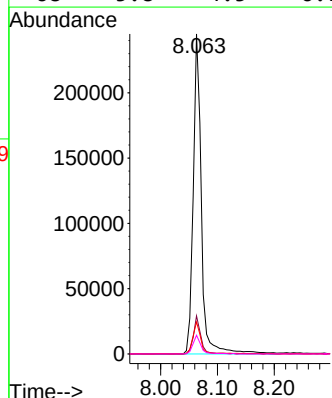
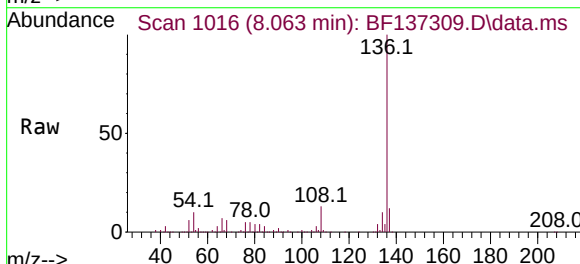
Ion Ratio Lower Upper

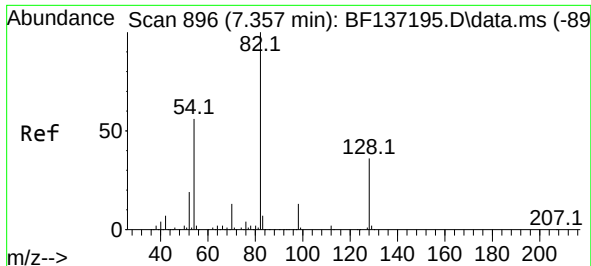
136 100

137 11.9 8.9 13.3

54 10.0 7.8 11.8

68 5.8 4.5 6.7

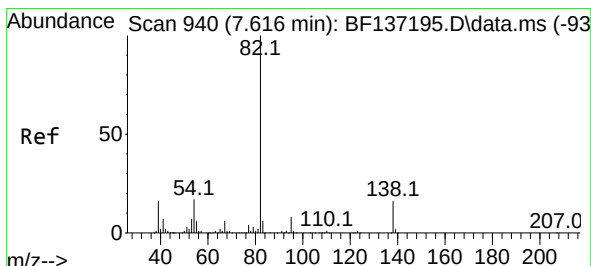
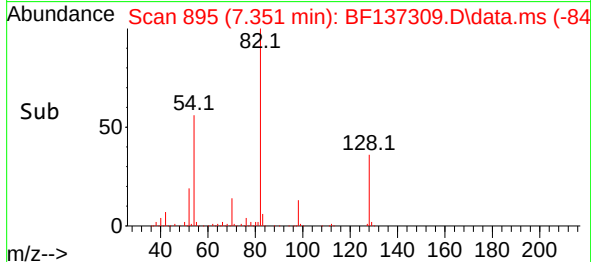
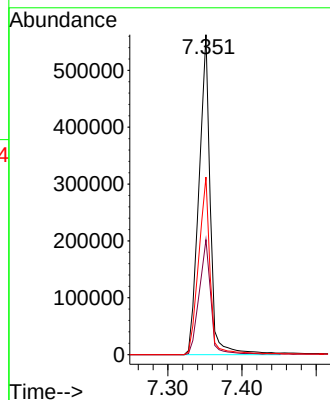
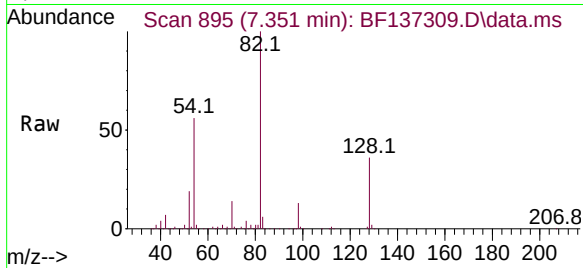




#23
Nitrobenzene-d5
Concen: 110.923 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

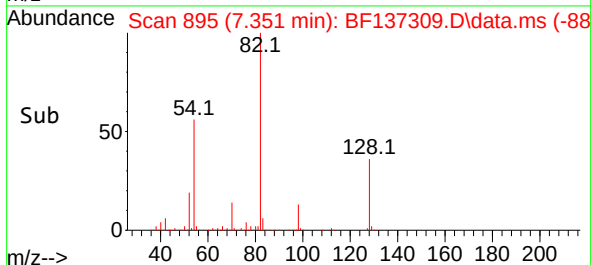
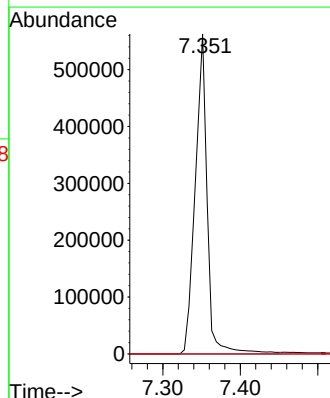
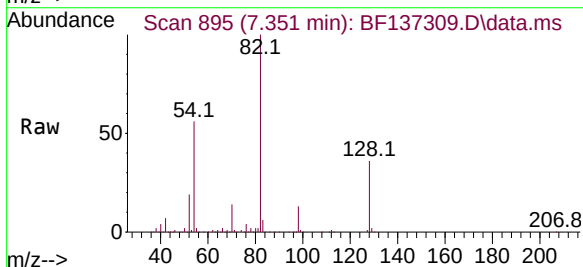
Instrument :
BNA_F
ClientSampleId :
WC-2

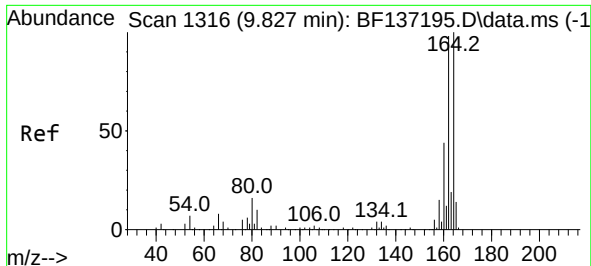
Tgt Ion: 82 Resp: 601553
Ion Ratio Lower Upper
82 100
128 35.9 29.1 43.7
54 55.5 45.0 67.6



#25
Isophorone
Concen: 60.094 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

Tgt Ion: 82 Resp: 601547
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

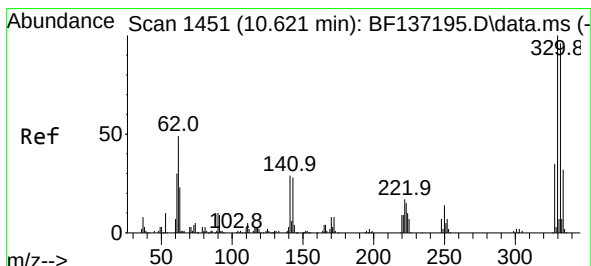
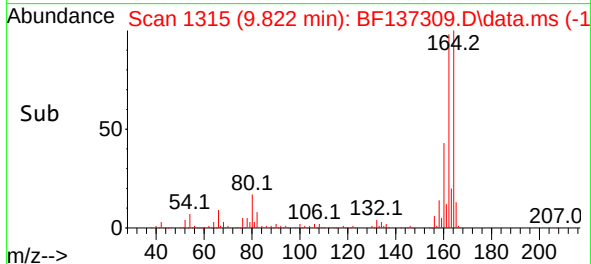
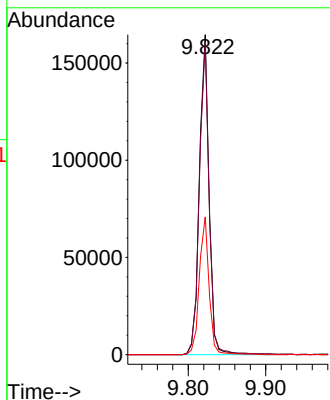
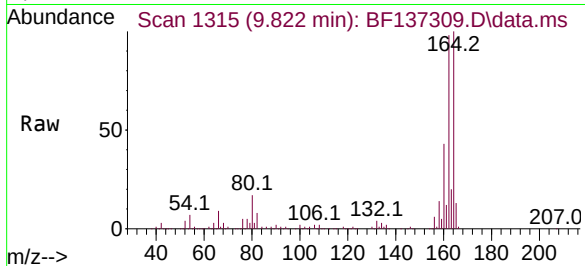




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1316
 Delta R.T. -0.005 min
 Lab File: BF137309.D
 Acq: 06 Feb 2024 23:47

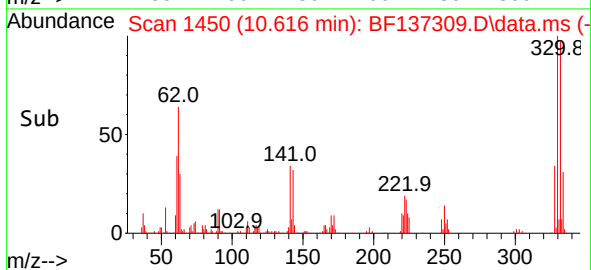
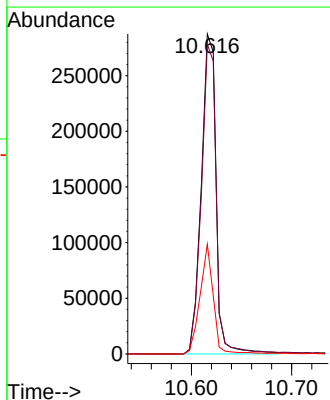
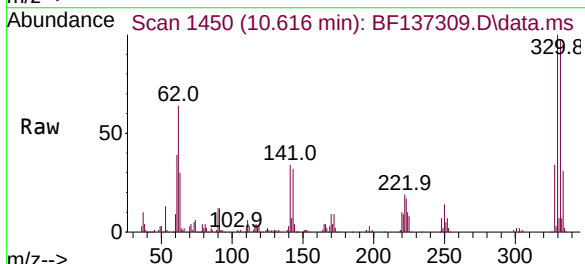
Instrument :
 BNA_F
 ClientSampleId :
 WC-2

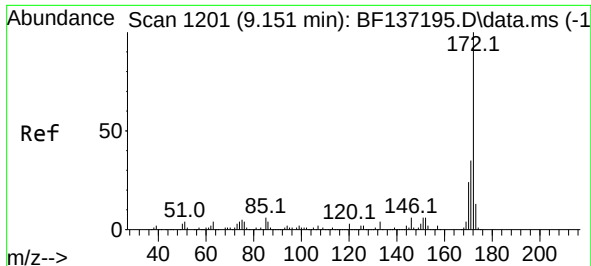
Tgt Ion:164 Resp: 143428
 Ion Ratio Lower Upper
 164 100
 162 97.6 78.3 117.5
 160 43.0 35.4 53.2



#42
 2,4,6-Tribromophenol
 Concen: 181.827 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: BF137309.D
 Acq: 06 Feb 2024 23:47

Tgt Ion:330 Resp: 294525
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 31.0 25.2 37.8

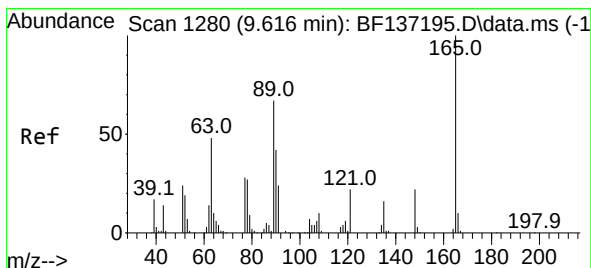
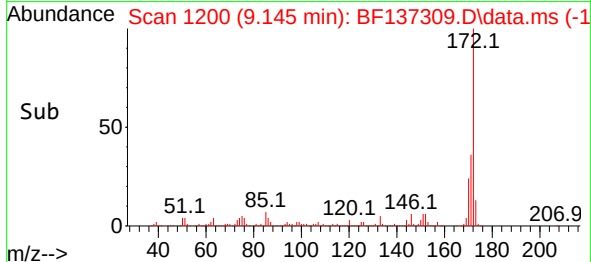
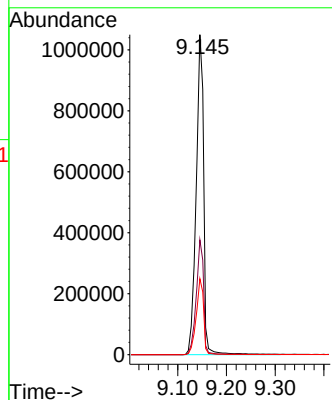
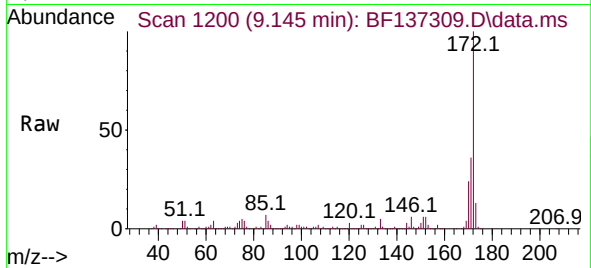




#45
2-Fluorobiphenyl
Concen: 106.756 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

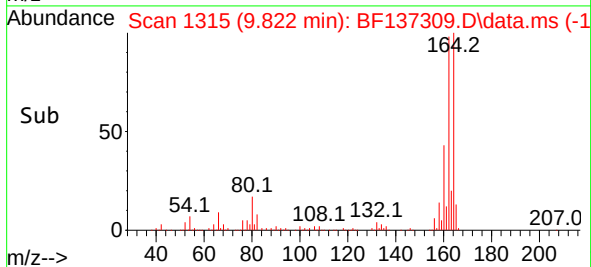
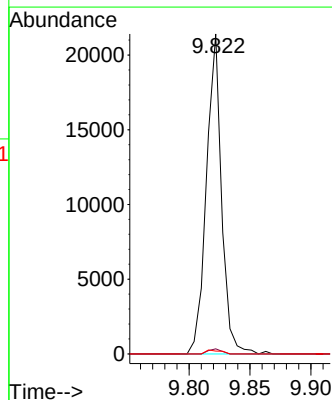
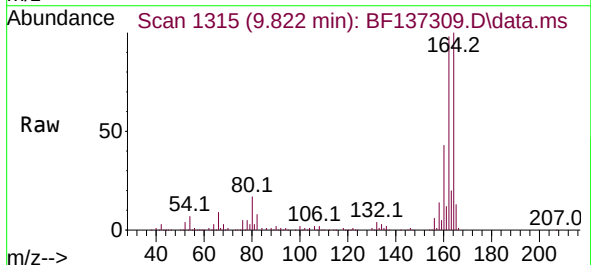
Instrument :
BNA_F
ClientSampleId :
WC-2

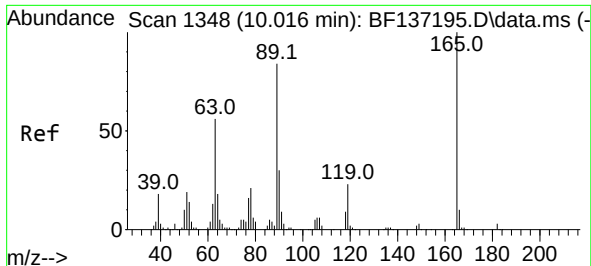
Tgt Ion:172 Resp: 1113850
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.7 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.972 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

Tgt Ion:165 Resp: 18538
Ion Ratio Lower Upper
165 100
63 1.6 55.1 82.7#
89 0.9 53.5 80.3#

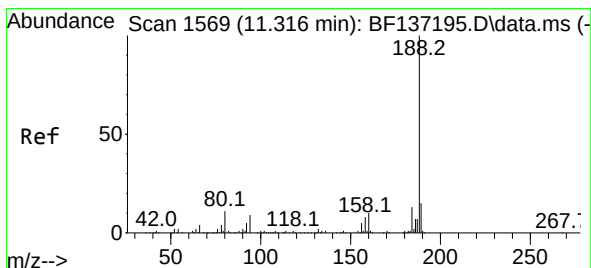
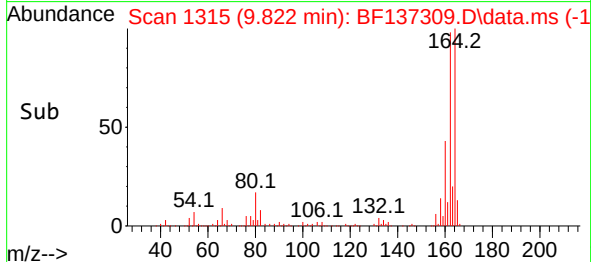
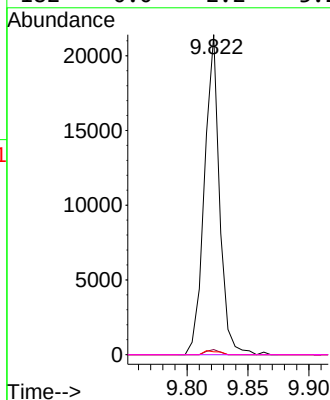
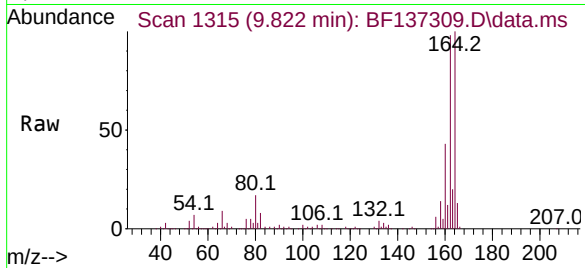




#57
2,4-Dinitrotoluene
Concen: 6.915 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

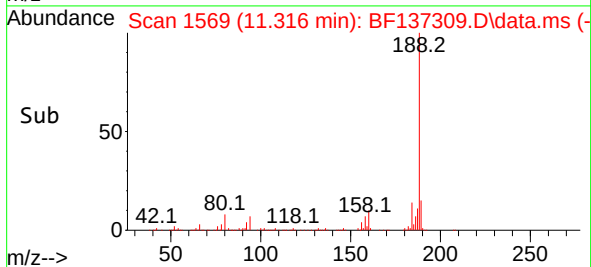
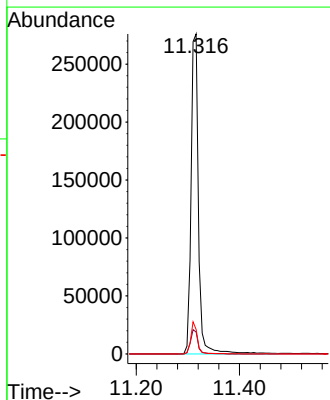
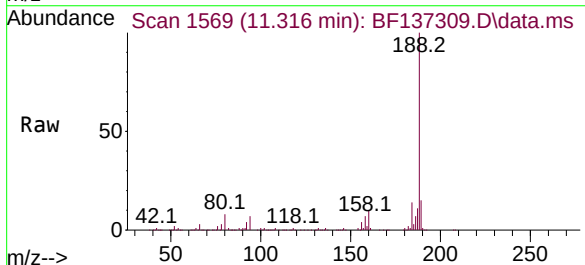
Instrument :
BNA_F
ClientSampleId :
WC-2

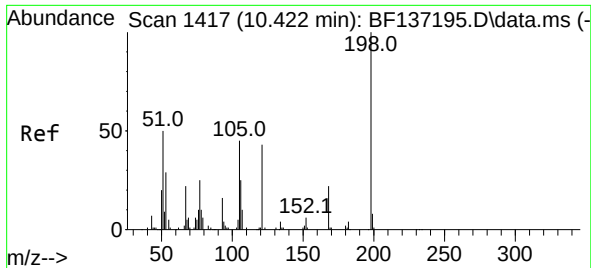
Tgt Ion:165 Resp: 18538
Ion Ratio Lower Upper
165 100
63 1.6 46.1 69.1#
89 0.9 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

Tgt Ion:188 Resp: 273935
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.4#
80 7.6 8.8 13.2#

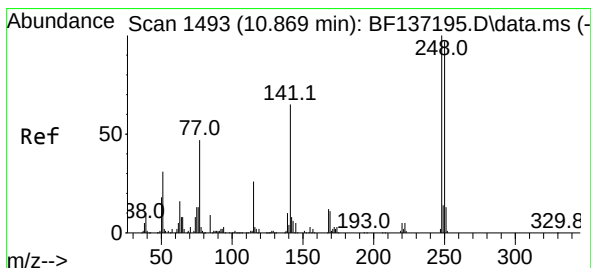
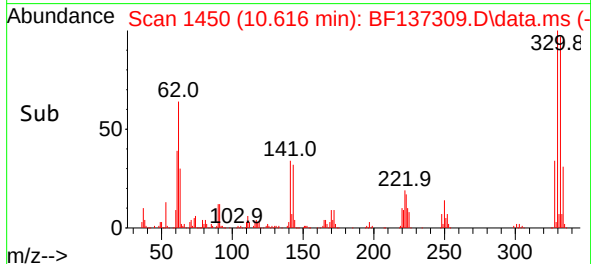
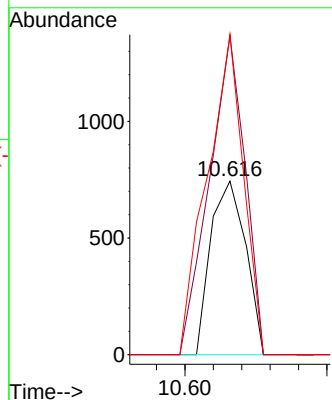
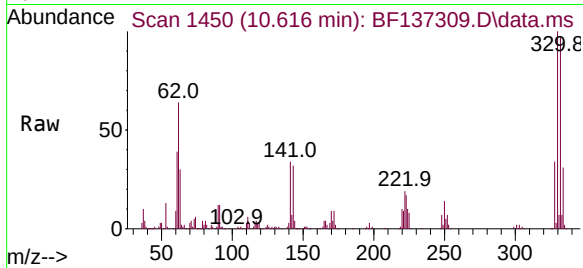




#65
4,6-Dinitro-2-methylphenol
Concen: 5.843 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

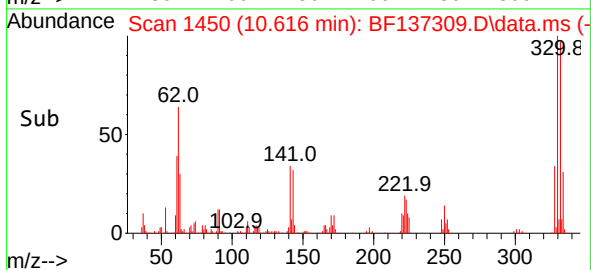
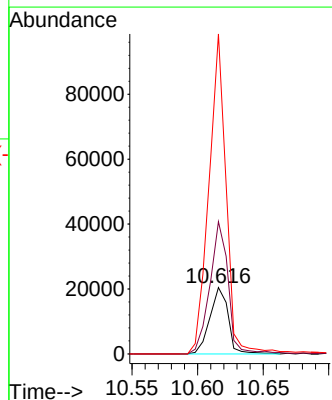
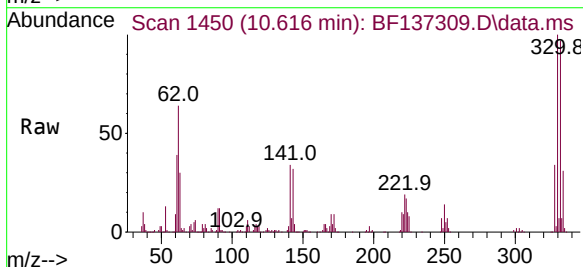
Instrument :
BNA_F
ClientSampleId :
WC-2

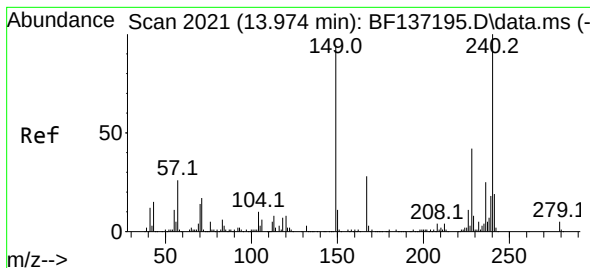
Tgt Ion:198 Resp: 635
Ion Ratio Lower Upper
198 100
51 183.7 40.9 80.9#
105 184.4 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 6.603 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

Tgt Ion:248 Resp: 19889
Ion Ratio Lower Upper
248 100
250 199.7 77.7 116.5#
141 483.0 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: BF137309.D

Acq: 06 Feb 2024 23:47

Instrument :

BNA_F

ClientSampleId :

WC-2

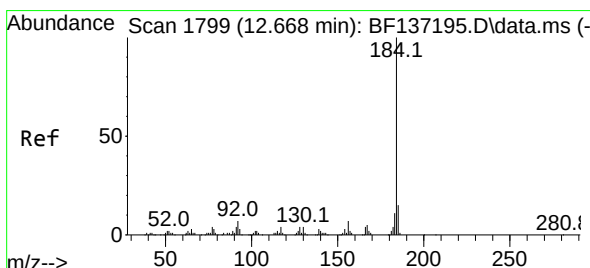
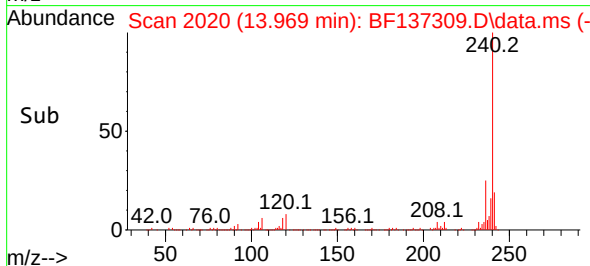
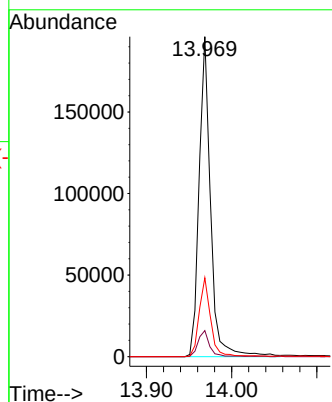
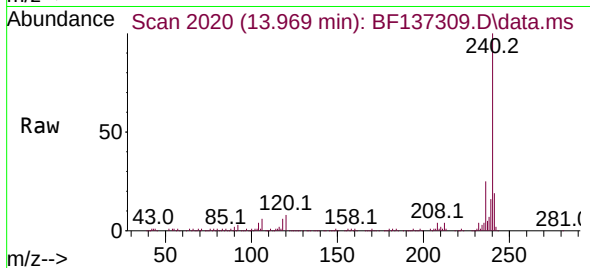
Tgt Ion:240 Resp: 183066

Ion Ratio Lower Upper

240 100

120 8.2 6.3 9.5

236 24.7 20.3 30.5



#77

Benzidine

Concen: 5.683 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.254 min

Lab File: BF137309.D

Acq: 06 Feb 2024 23:47

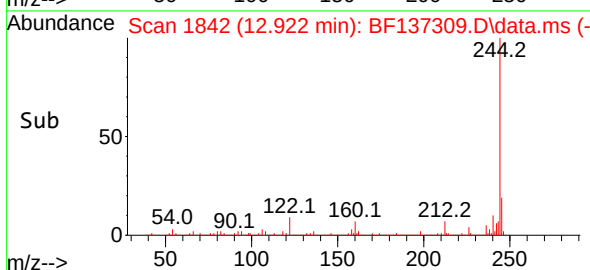
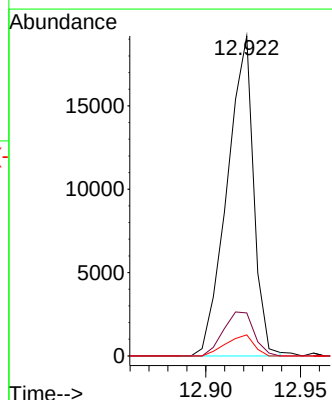
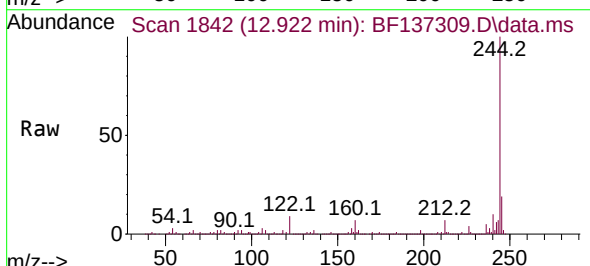
Tgt Ion:184 Resp: 18629

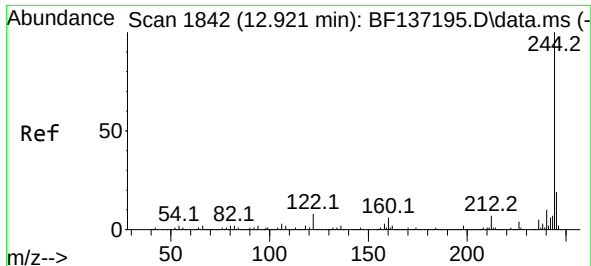
Ion Ratio Lower Upper

184 100

185 13.4 11.9 17.9

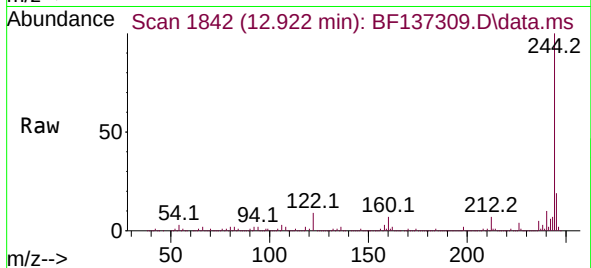
183 6.6 8.8 13.2#



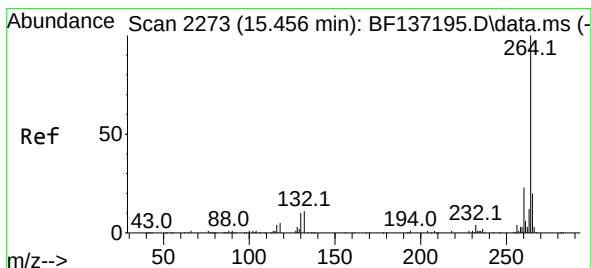
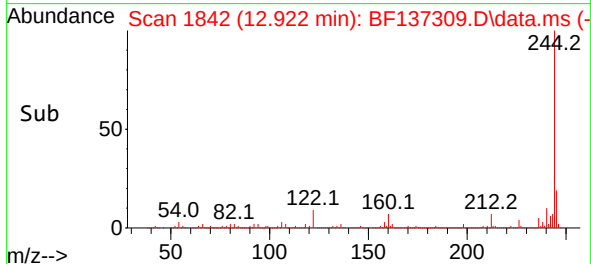
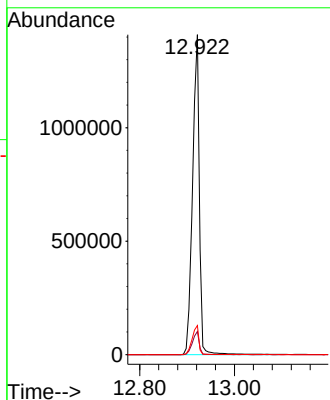


#79
Terphenyl-d14
Concen: 103.805 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion:244 Resp: 1397868
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.1 6.2 9.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF137309.D
Acq: 06 Feb 2024 23:47

Tgt Ion:264 Resp: 158330
Ion Ratio Lower Upper
264 100
260 24.0 18.2 27.4
265 22.5 16.2 24.2

