

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137232.D
 Acq On : 01 Feb 2024 15:22
 Operator : CG\JU
 Sample : P1294-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMW-001

Quant Time: Feb 01 15:40:19 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)

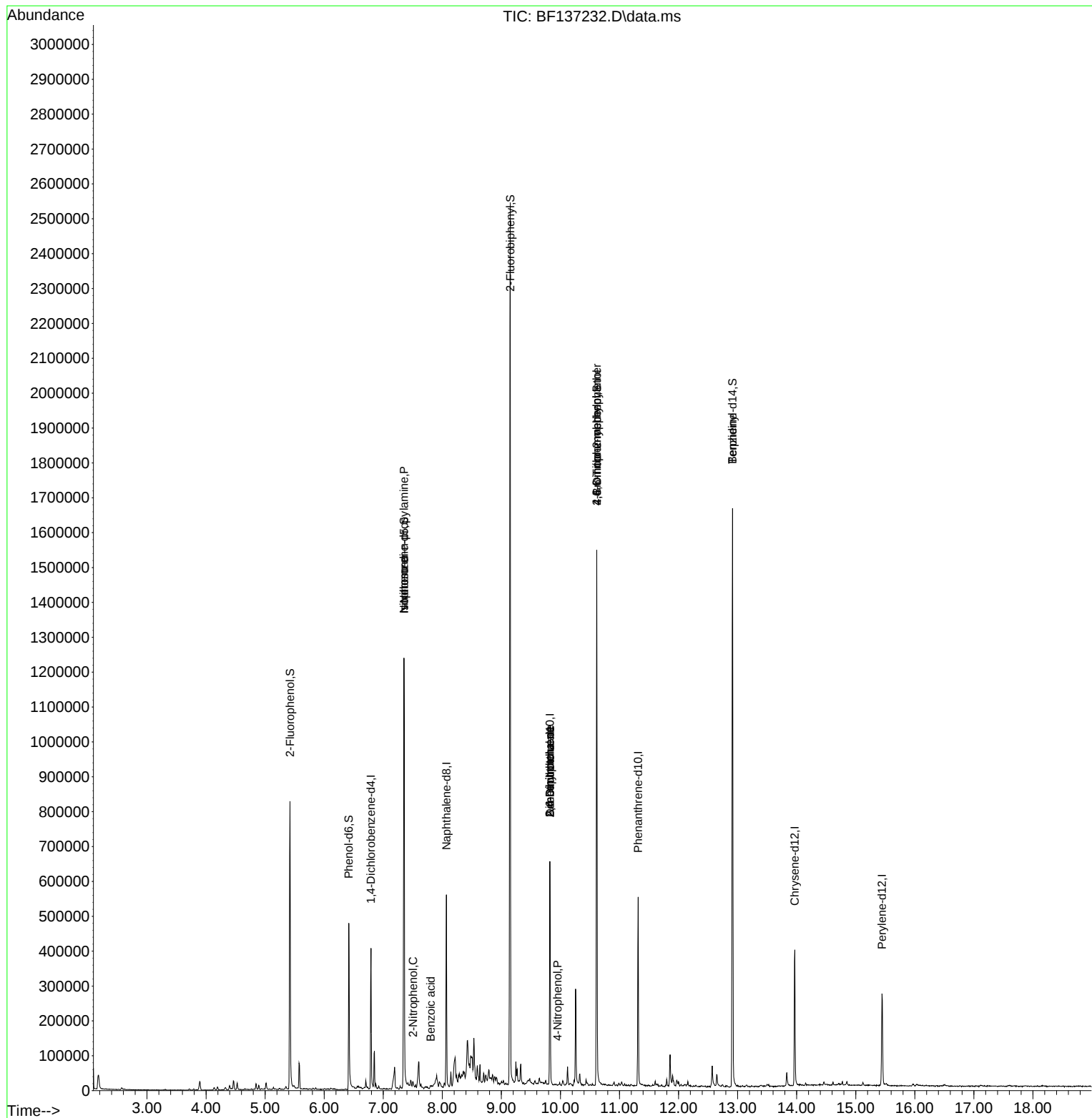
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	58384	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	218690	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	121153	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	198001	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	144223	20.000	ng	0.00
86) Perylene-d12	15.445	264	134185	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	209696	59.265	ng	0.00
7) Phenol-d6	6.416	99	158747	31.439	ng	-0.01
23) Nitrobenzene-d5	7.351	82	453526	92.849	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	170858	124.874	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	799226	90.685	ng	0.00
79) Terphenyl-d14	12.916	244	591976	55.800	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	61926	17.887	ng	# 76
25) Isophorone	7.351	82	453523	50.302	ng	# 67
26) 2-Nitrophenol	7.504	139	90	2.496	ng	# 1
32) Benzoic acid	7.804	122	548	8.573	ng	# 77
50) Dimethylphthalate	9.822	163	21310	2.604	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15489	8.875	ng	# 18
56) 4-Nitrophenol	9.951	139	132	8.603	ng	# 8
57) 2,4-Dinitrotoluene	9.822	165	15489	6.840	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	499	5.876	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	11878	5.456	ng	# 1
77) Benzidine	12.916	184	7393	2.863	ng	# 92

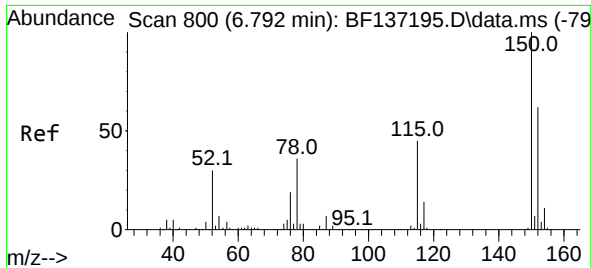
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

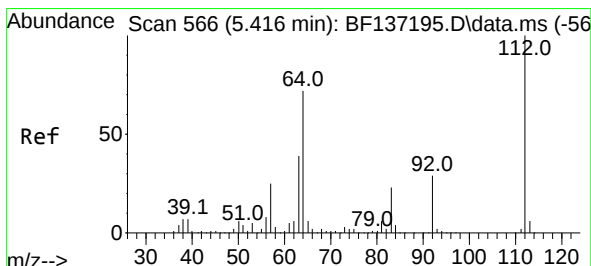
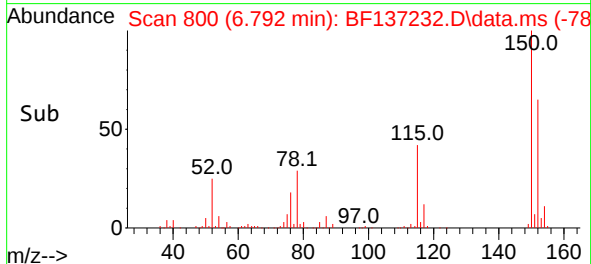
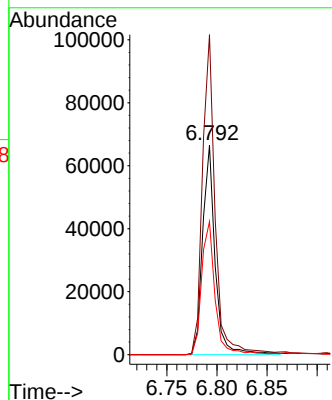
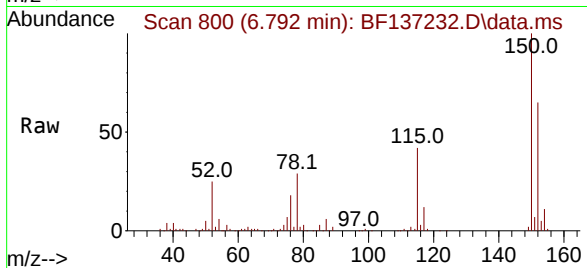




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

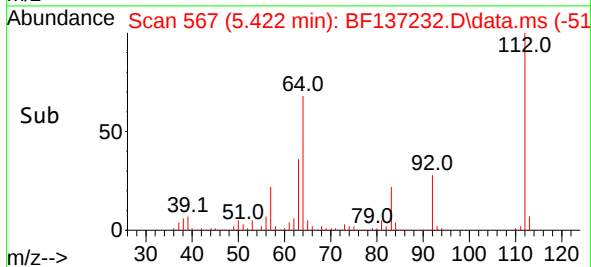
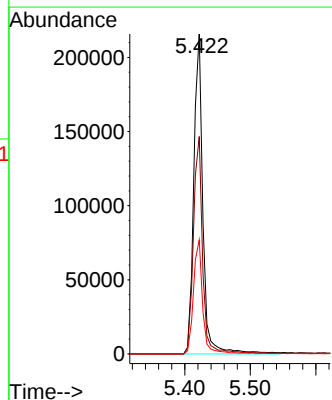
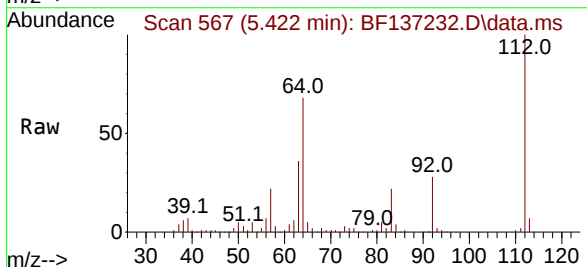
Instrument :
BNA_F
ClientSampleId :
MMW-001

Tgt Ion:152 Resp: 58384
Ion Ratio Lower Upper
152 100
150 152.8 129.8 194.8
115 63.5 58.5 87.7



#5
2-Fluorophenol
Concen: 59.265 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:112 Resp: 209696
Ion Ratio Lower Upper
112 100
64 68.0 57.8 86.6
63 35.6 31.4 47.0

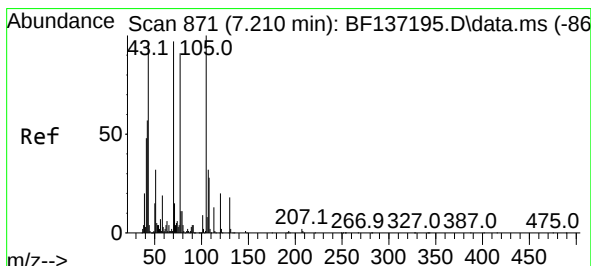
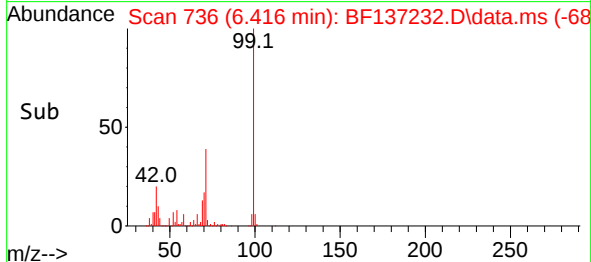
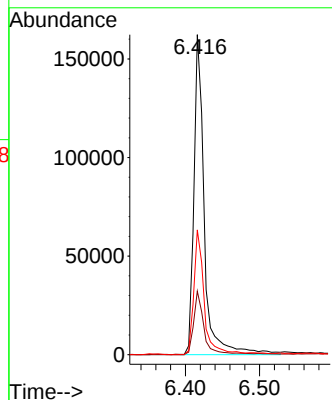
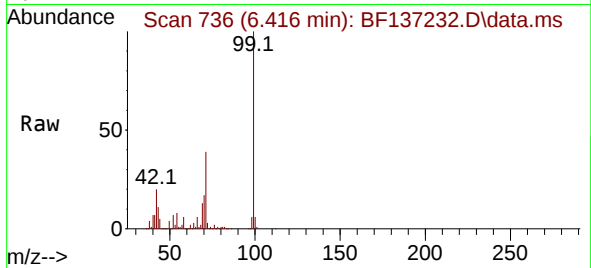




#7
Phenol-d6
Concen: 31.439 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

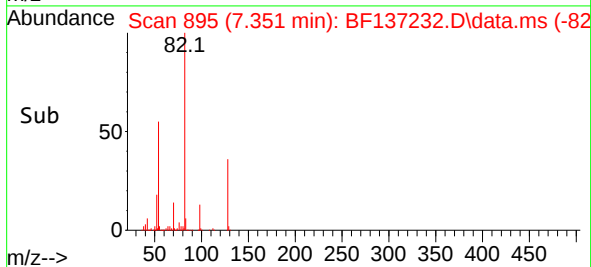
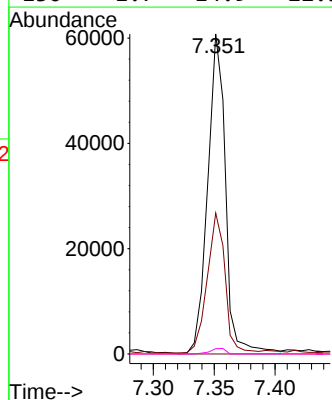
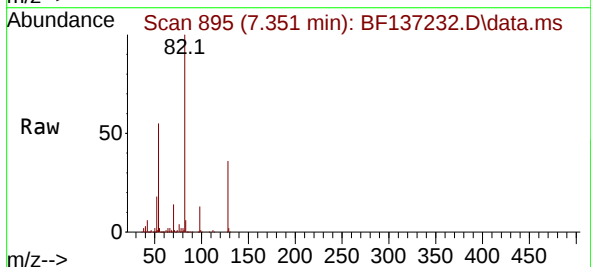
Instrument :
BNA_F
ClientSampleId :
MMW-001

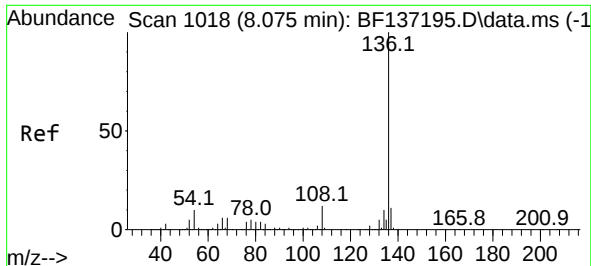
Tgt Ion: 99 Resp: 158747
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 39.0 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.887 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion: 70 Resp: 61926
Ion Ratio Lower Upper
70 100
42 44.1 47.2 70.8#
101 0.0 7.4 11.0#
130 1.7 14.9 22.3#



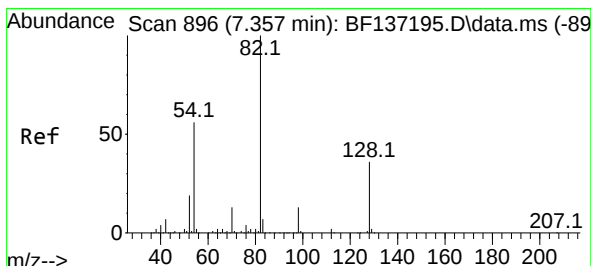
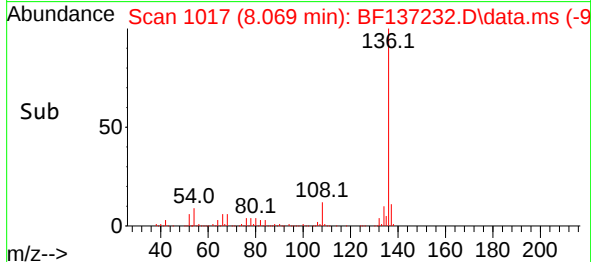
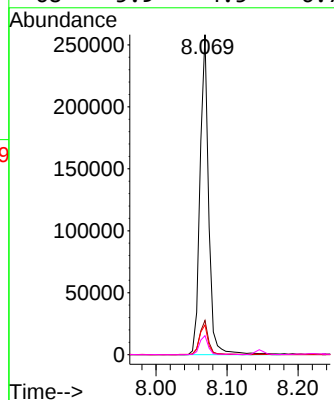
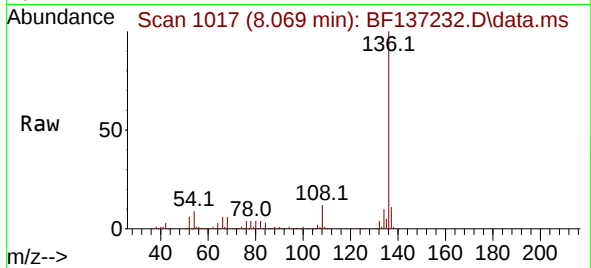


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Instrument :
BNA_F
ClientSampleId :
MMW-001

Tgt Ion:136 Resp: 218690

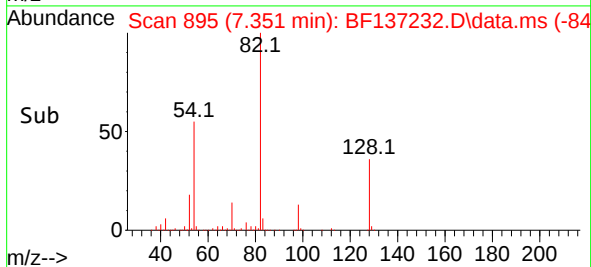
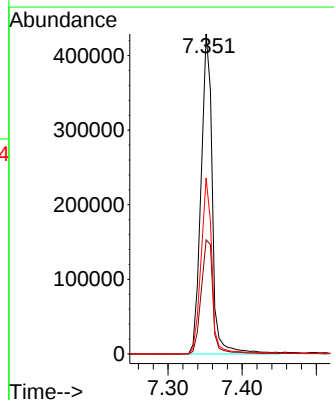
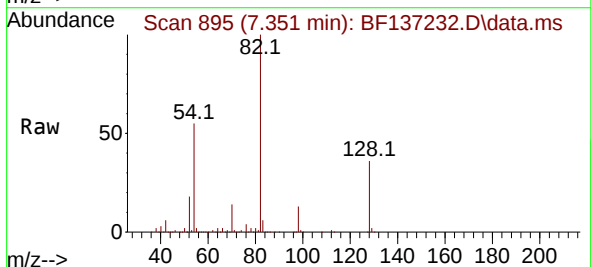
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.3	7.8	11.8
68	5.9	4.5	6.7

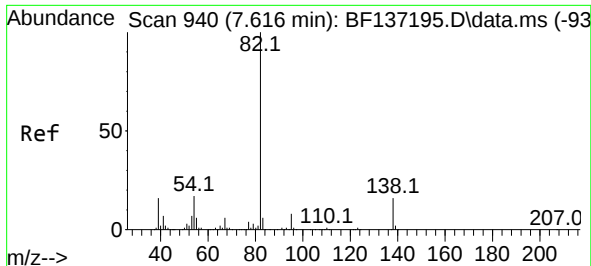


#23
Nitrobenzene-d5
Concen: 92.849 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion: 82 Resp: 453526

Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.1	43.7
54	55.0	45.0	67.6

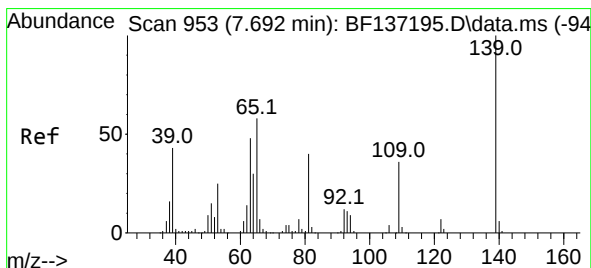
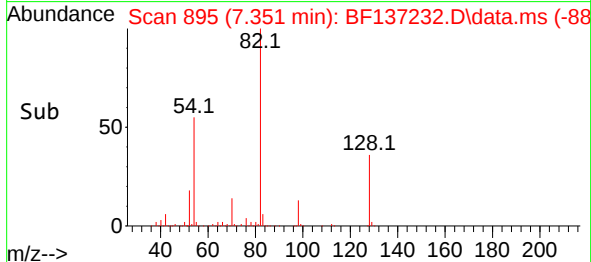
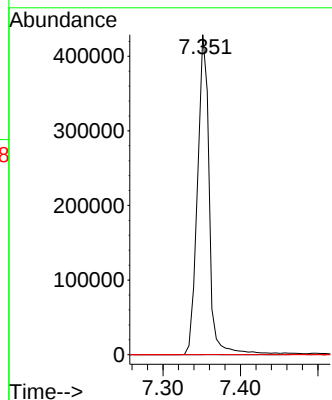
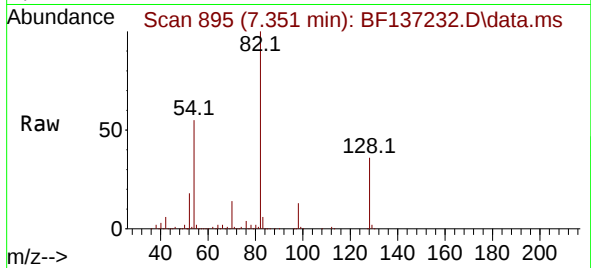




#25
Isophorone
Concen: 50.302 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

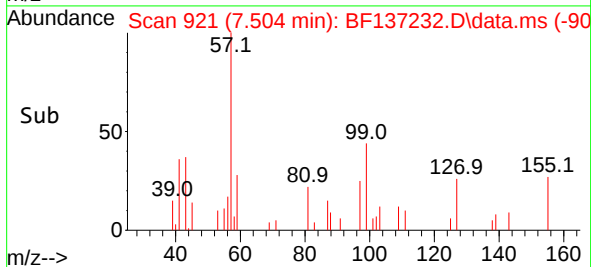
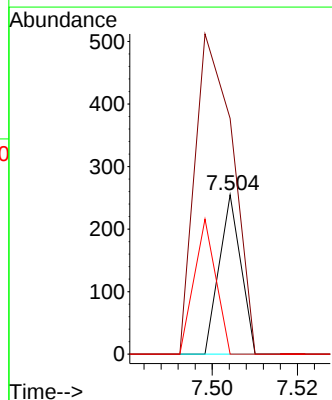
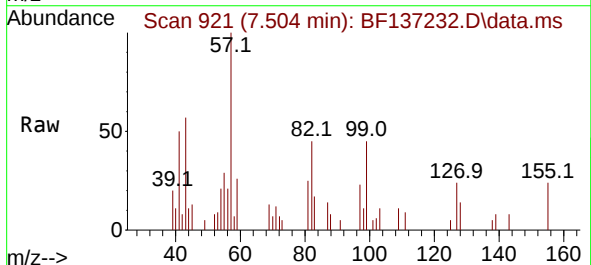
Instrument :
BNA_F
ClientSampleId :
MMW-001

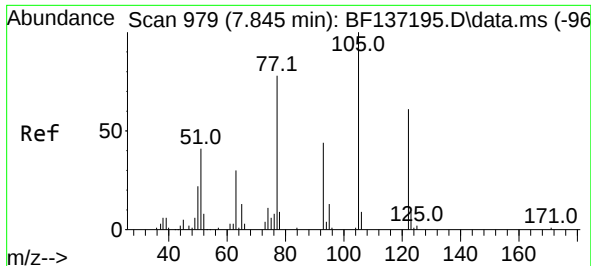
Tgt Ion: 82 Resp: 453523
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 2.496 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.188 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion: 139 Resp: 90
Ion Ratio Lower Upper
139 100
109 147.8 28.5 42.7#
65 0.0 46.7 70.1#

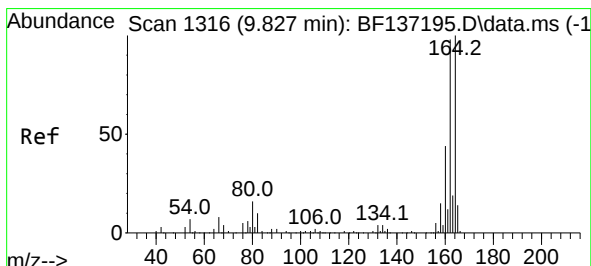
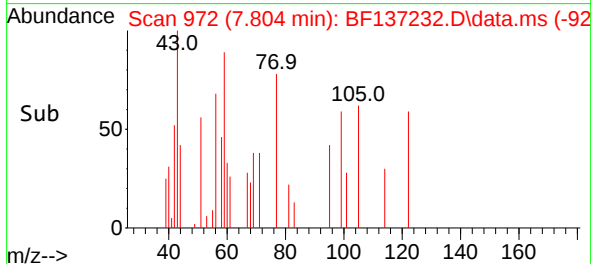
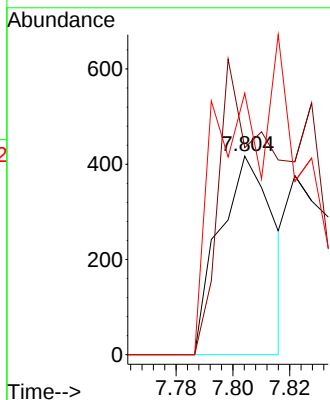
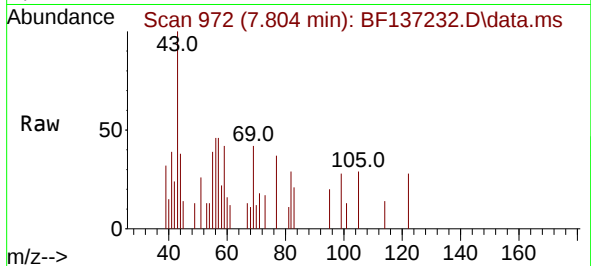




#32
Benzoic acid
Concen: 8.573 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.041 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

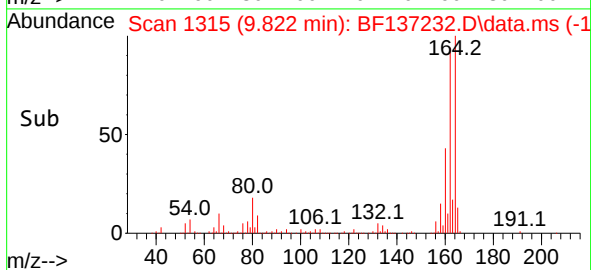
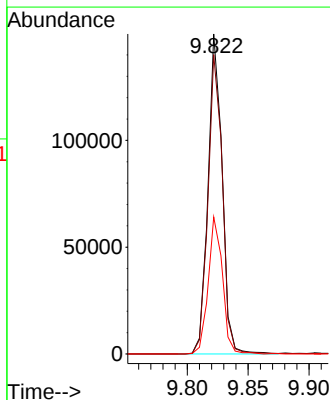
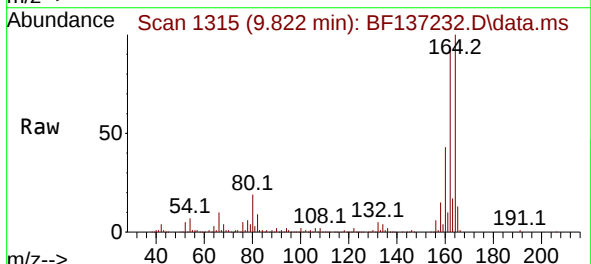
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ClientSampleId :
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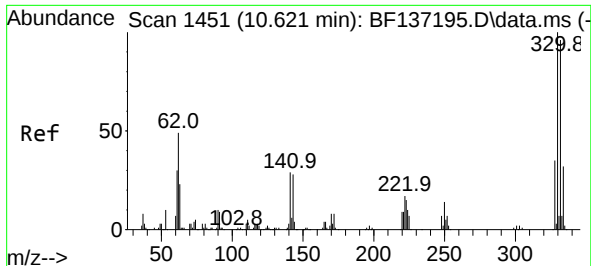
Tgt Ion:122 Resp: 548
Ion Ratio Lower Upper
122 100
105 104.3 122.5 162.5#
77 131.7 96.4 136.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:164 Resp: 121153
Ion Ratio Lower Upper
164 100
162 93.5 78.3 117.5
160 42.8 35.4 53.2

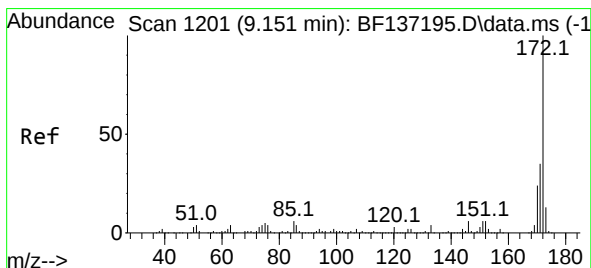
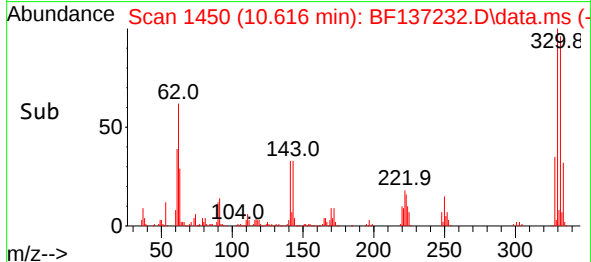
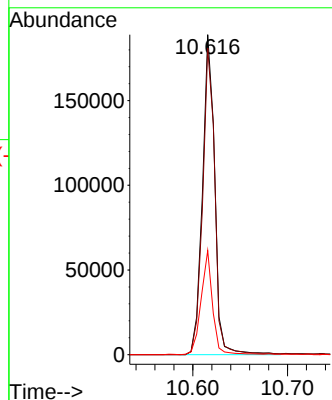
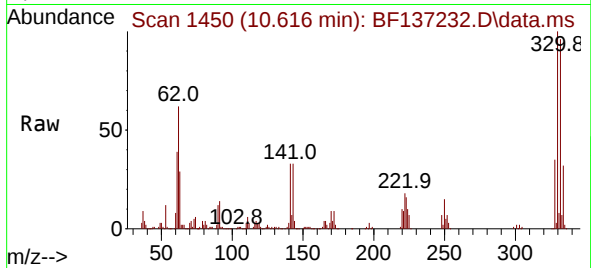




#42
2,4,6-Tribromophenol
Concen: 124.874 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

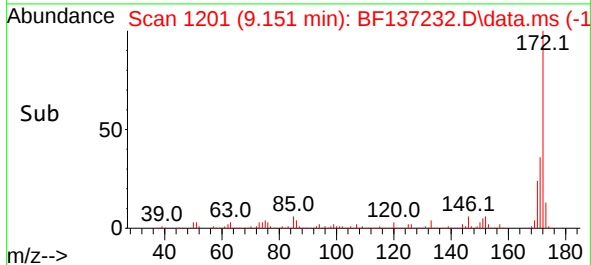
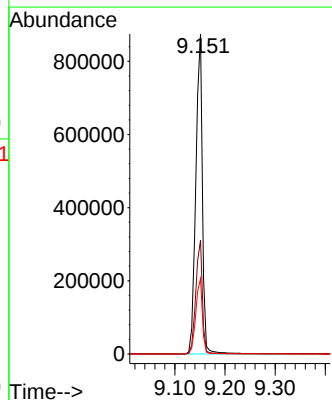
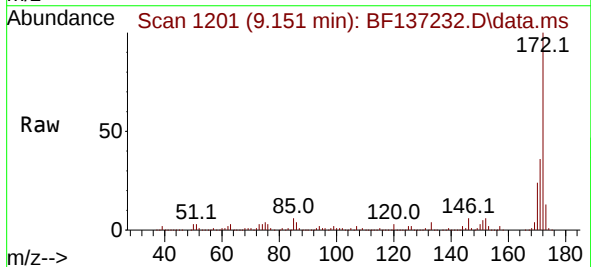
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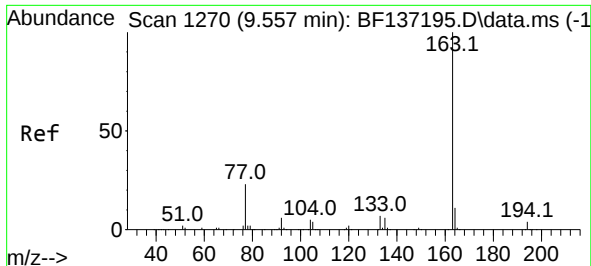
Tgt Ion:330 Resp: 170858
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 30.5 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 90.685 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:172 Resp: 799226
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 19.1 28.7

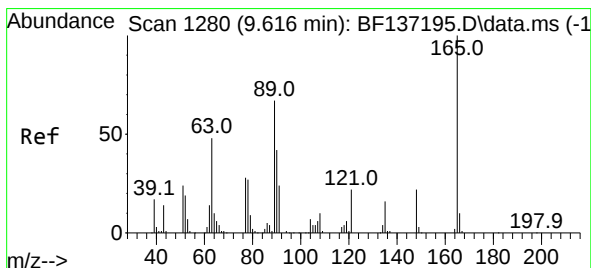
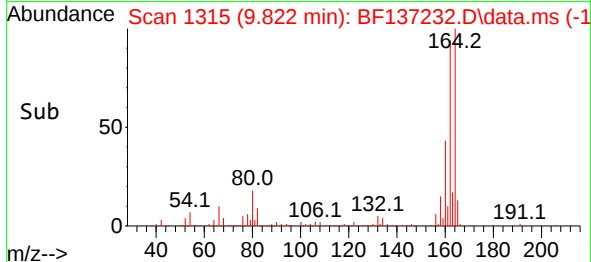
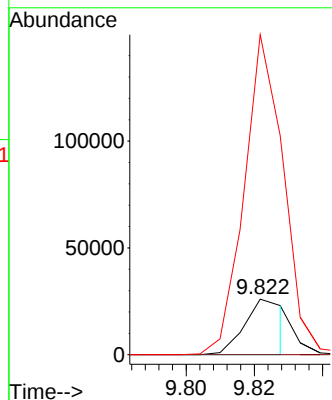
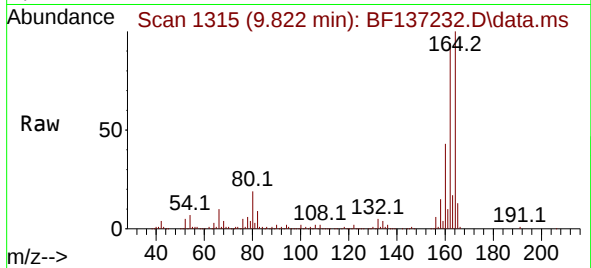




#50
Dimethylphthalate
Concen: 2.604 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

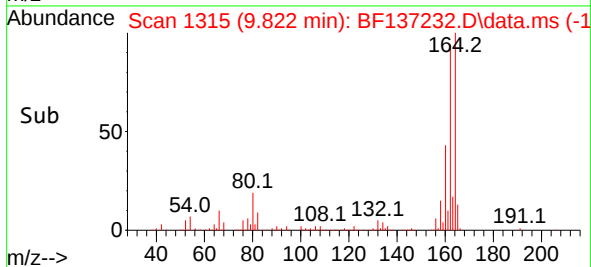
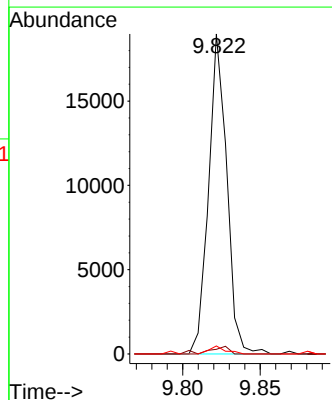
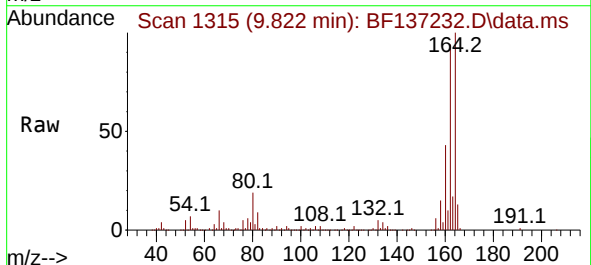
Instrument :
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ClientSampleId :
MMW-001

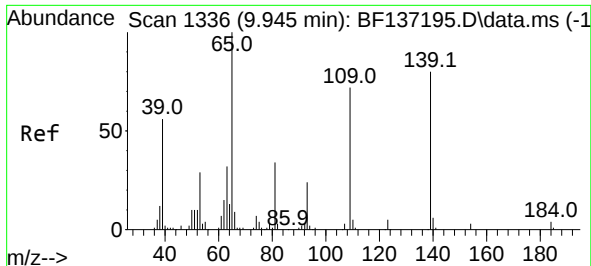
Tgt Ion:163 Resp: 21310
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 577.0 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.875 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:165 Resp: 15489
Ion Ratio Lower Upper
165 100
63 1.4 55.1 82.7#
89 2.5 53.5 80.3#

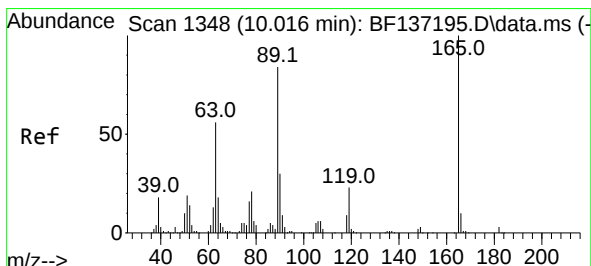
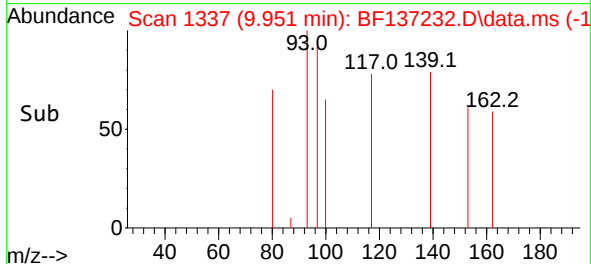
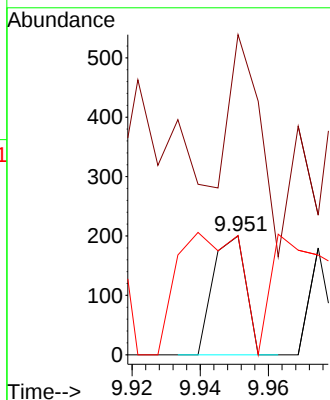
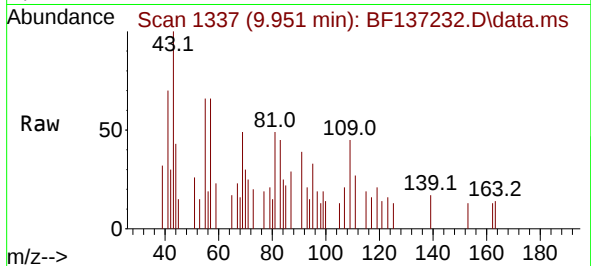




#56
4-Nitrophenol
Concen: 8.603 ng
RT: 9.951 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

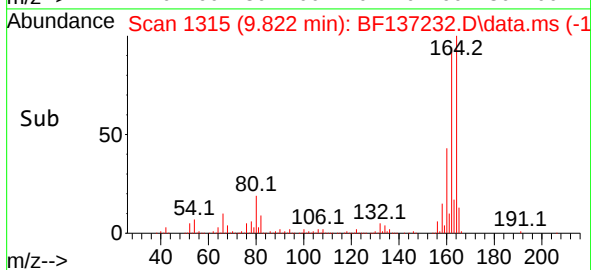
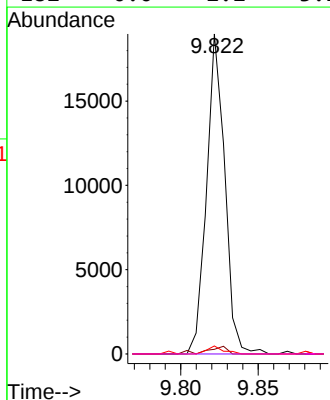
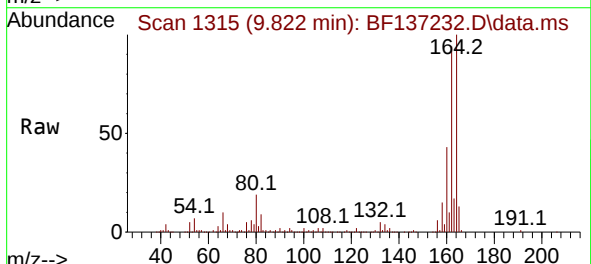
Instrument :
BNA_F
ClientSampleId :
MMW-001

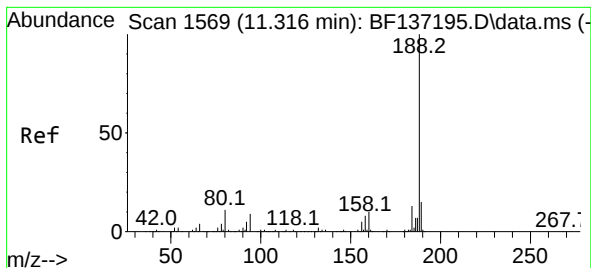
Tgt Ion:139 Resp: 132
Ion Ratio Lower Upper
139 100
109 269.5 70.4 110.4#
65 100.5 107.6 147.6#



#57
2,4-Dinitrotoluene
Concen: 6.840 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:165 Resp: 15489
Ion Ratio Lower Upper
165 100
63 1.4 46.1 69.1#
89 2.5 67.5 101.3#
182 0.0 2.2 3.2#

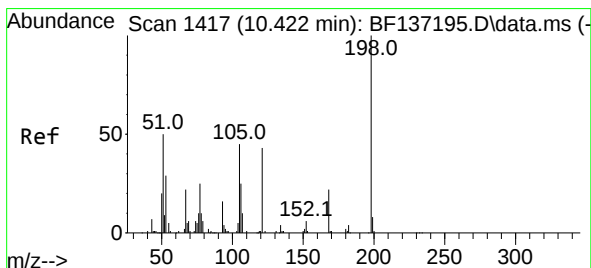
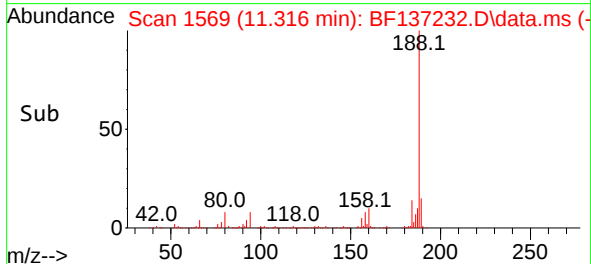
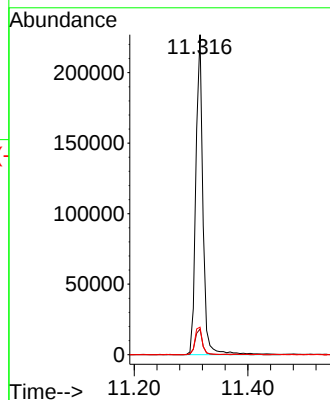
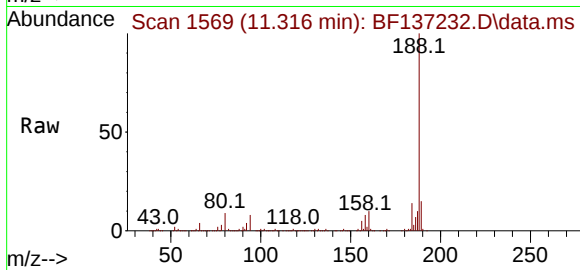




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

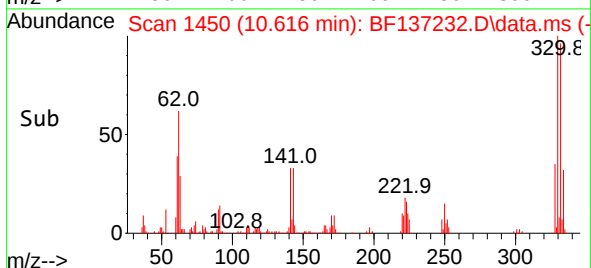
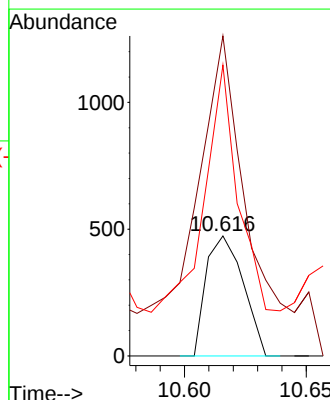
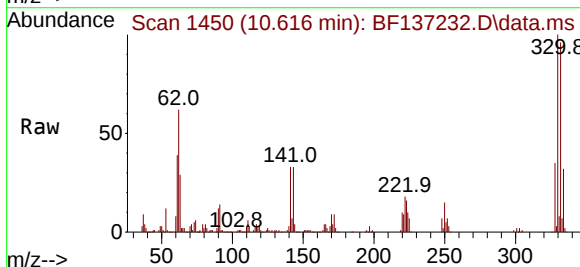
Instrument :
BNA_F
ClientSampleId :
MMW-001

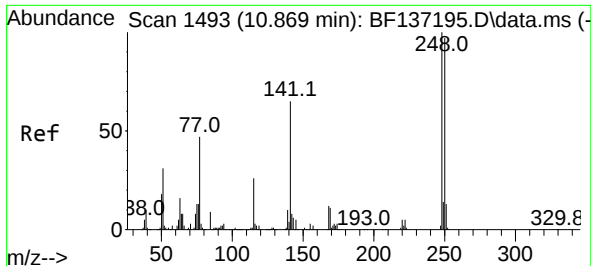
Tgt Ion:188 Resp: 198001
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.6 8.8 13.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.876 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:198 Resp: 499
Ion Ratio Lower Upper
198 100
51 266.8 40.9 80.9#
105 242.5 26.5 66.5#

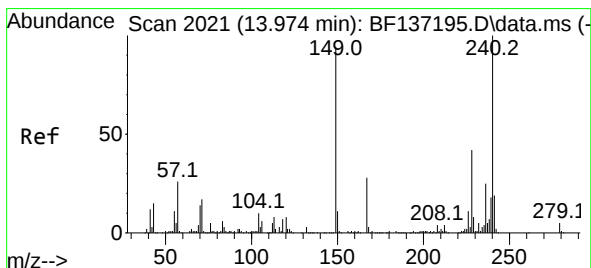
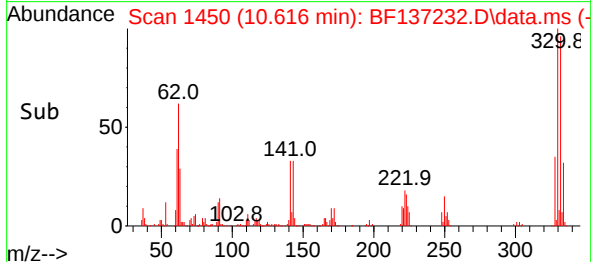
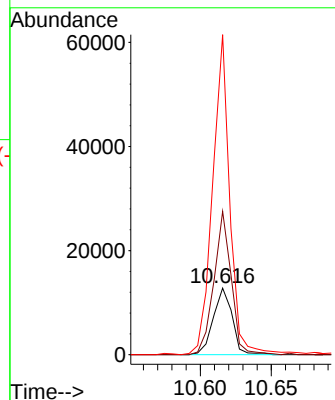
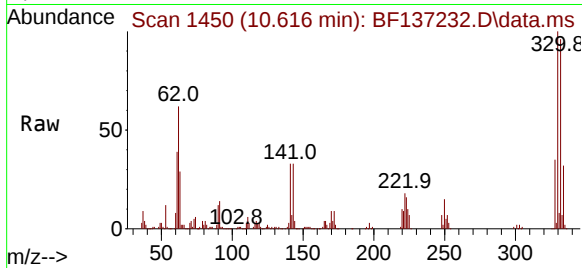




#67
4-Bromophenyl-phenylether
Concen: 5.456 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

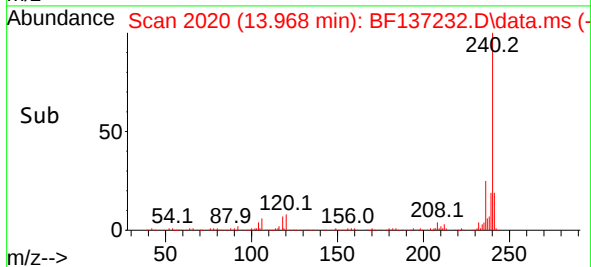
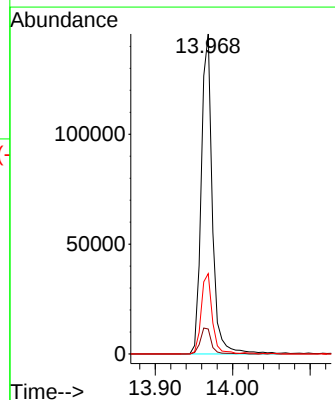
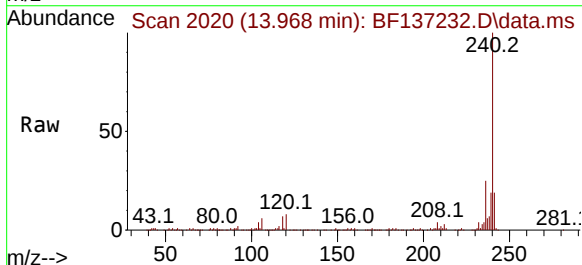
Instrument :
BNA_F
ClientSampleId :
MMW-001

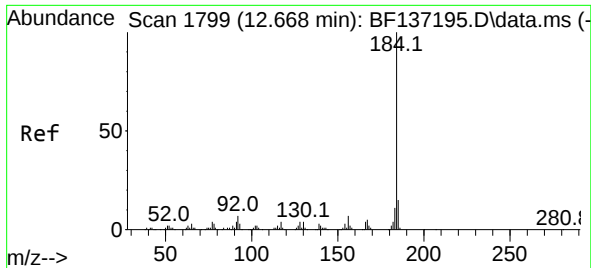
Tgt Ion:248 Resp: 11878
Ion Ratio Lower Upper
248 100
250 215.4 77.7 116.5#
141 480.6 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:240 Resp: 144223
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 25.1 20.3 30.5

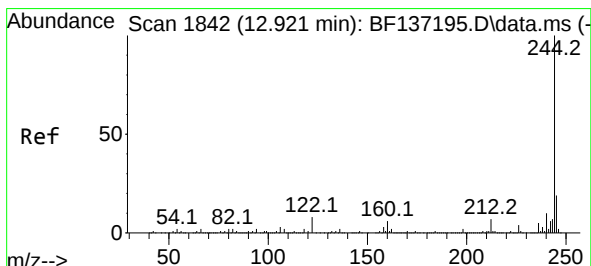
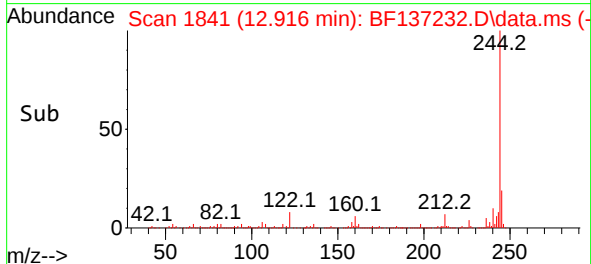
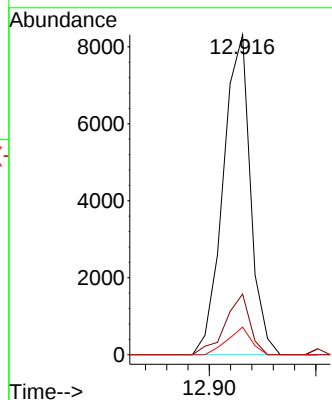
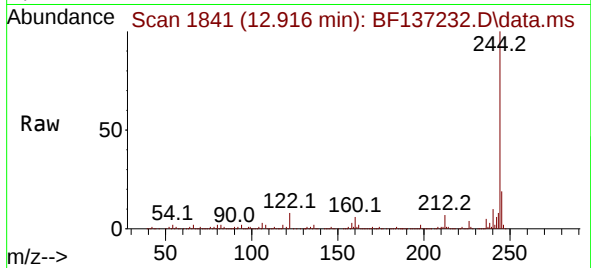




#77
Benzidine
Concen: 2.863 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.248 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

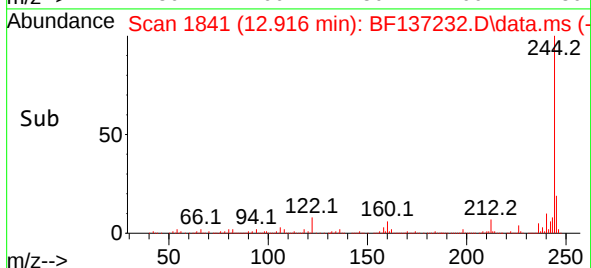
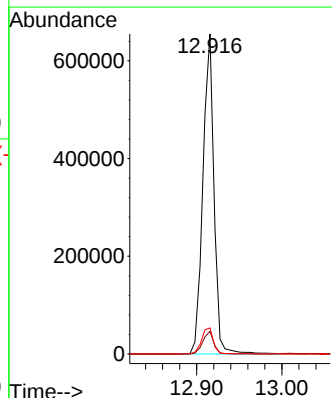
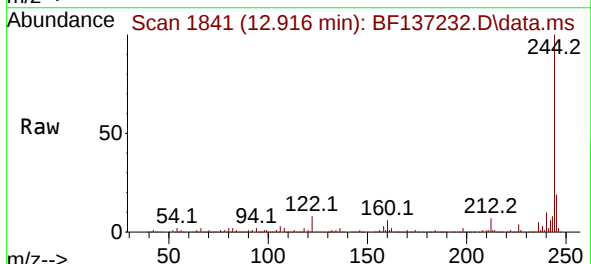
Instrument :
BNA_F
ClientSampleId :
MMW-001

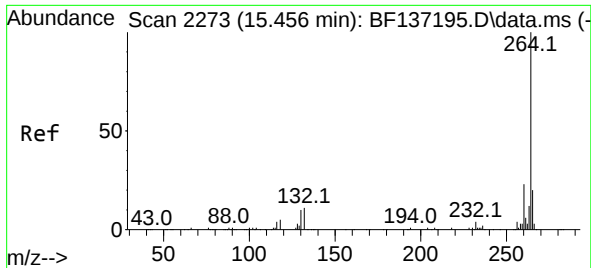
Tgt Ion:184 Resp: 7393
Ion Ratio Lower Upper
184 100
185 18.9 11.9 17.9#
183 8.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 55.800 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Tgt Ion:244 Resp: 591976
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 8.1 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137232.D
Acq: 01 Feb 2024 15:22

Instrument :
BNA_F
ClientSampleId :
MMW-001

Tgt Ion:264	Resp:	134185
Ion	Ratio	Lower Upper
264	100	
260	24.4	18.2 27.4
265	21.1	16.2 24.2

