

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131005.D
 Acq On : 04 Nov 2022 23:04
 Operator : CG\JU
 Sample : N5340-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-102722

Quant Time: Nov 05 00:40:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

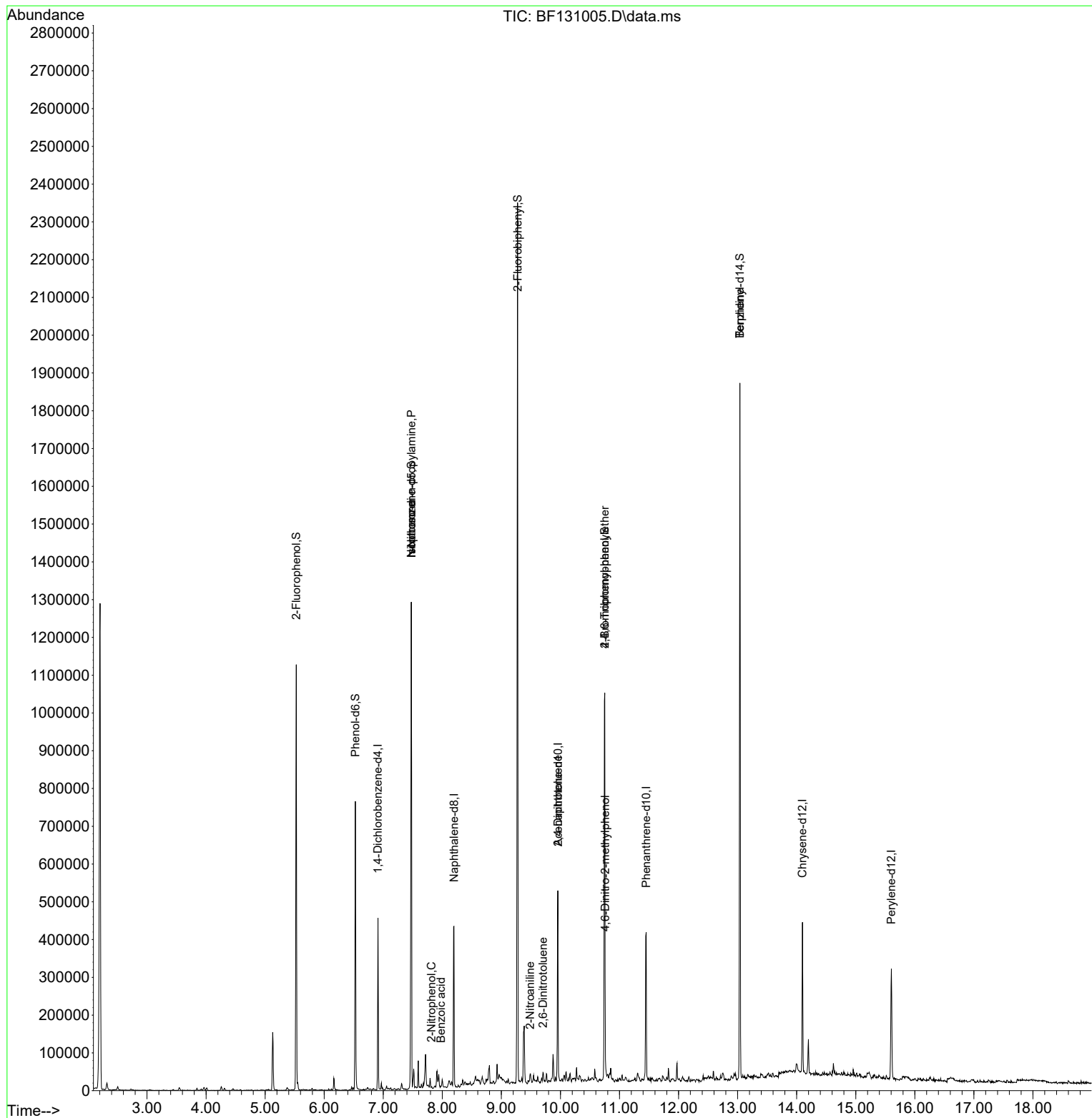
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	53270	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	187997	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	91068	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	143500	20.000	ng	0.00
76) Chrysene-d12	14.098	240	122479	20.000	ng	0.00
86) Perylene-d12	15.604	264	126448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	252930	82.313	ng	0.00
7) Phenol-d6	6.528	99	204834	51.297	ng	-0.01
23) Nitrobenzene-d5	7.475	82	403380	129.382	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	124332	162.184	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	652009	108.245	ng	0.00
79) Terphenyl-d14	13.039	244	587097	87.838	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	57673	21.228	ng	# 79
25) Isophorone	7.475	82	403376	62.741	ng	# 66
26) 2-Nitrophenol	7.816	139	54	4.118	ng	# 30
32) Benzoic acid	7.975	122	1036	8.138	ng	# 35
48) 2-Nitroaniline	9.486	65	307	4.315	ng	# 45
51) 2,6-Dinitrotoluene	9.704	165	2024	4.392	ng	# 24
57) 2,4-Dinitrotoluene	9.957	165	12456	11.400	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.757	198	561	8.709	ng	# 29
67) 4-Bromophenyl-phenylether	10.751	248	8185	5.672	ng	# 1
77) Benzidine	13.039	184	9773	3.287	ng	# 90

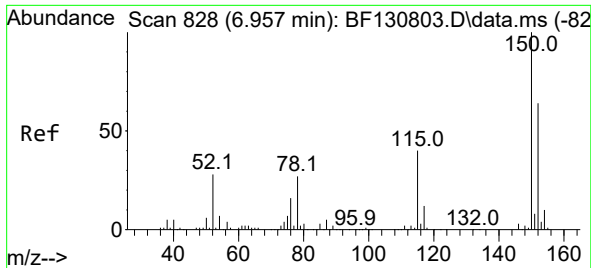
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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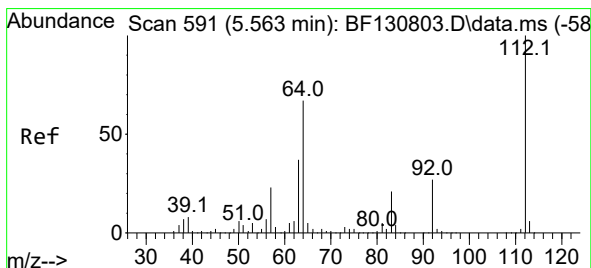
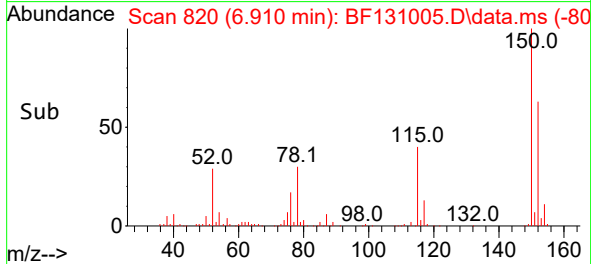
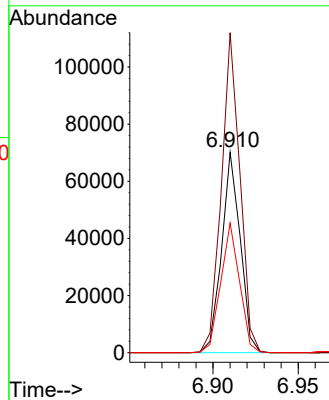
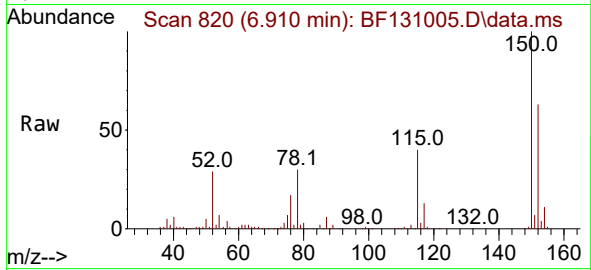




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

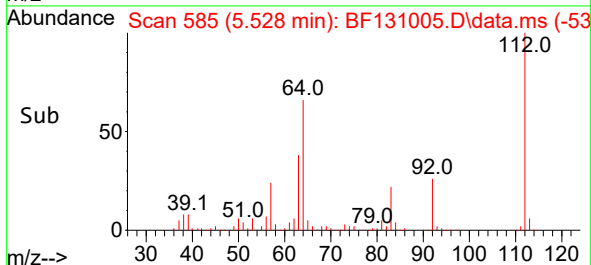
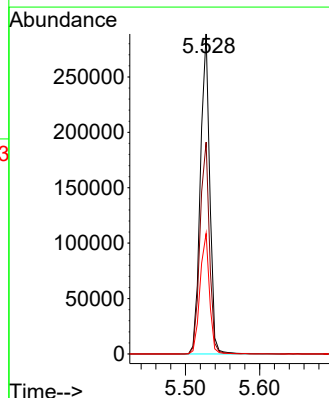
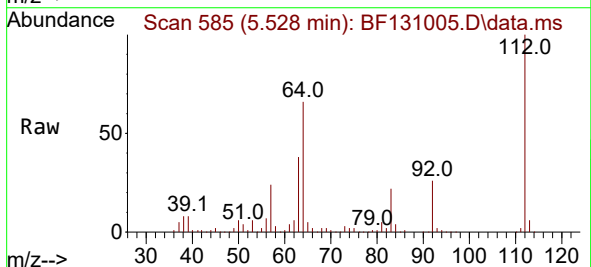
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

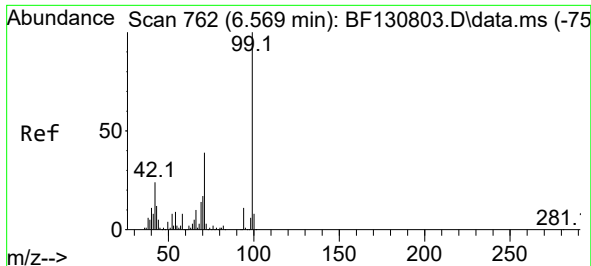
Tgt Ion:152 Resp: 53270
Ion Ratio Lower Upper
152 100
150 159.7 124.1 186.1
115 64.6 50.1 75.1



#5
2-Fluorophenol
Concen: 82.313 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion:112 Resp: 252930
Ion Ratio Lower Upper
112 100
64 66.2 53.9 80.9
63 37.6 29.4 44.2

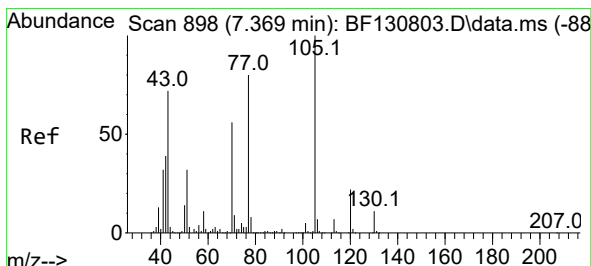
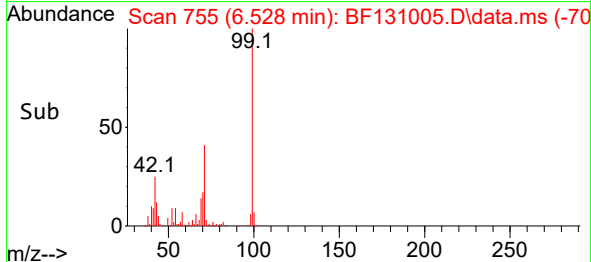
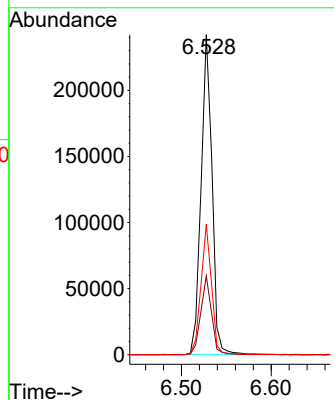
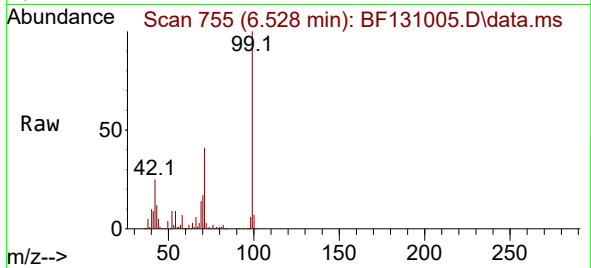




#7
Phenol-d6
Concen: 51.297 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

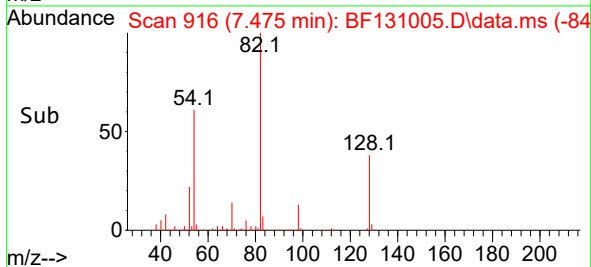
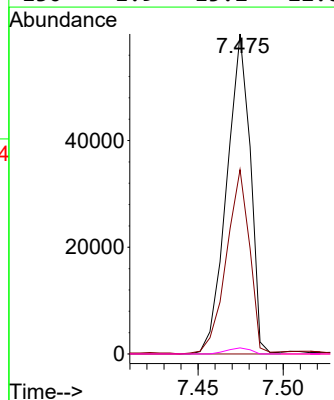
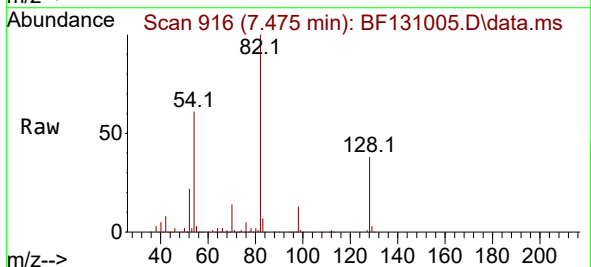
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

Tgt Ion: 99 Resp: 204834
Ion Ratio Lower Upper
99 100
42 24.6 18.8 28.2
71 40.7 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.228 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion: 70 Resp: 57673
Ion Ratio Lower Upper
70 100
42 57.6 56.1 84.1
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#

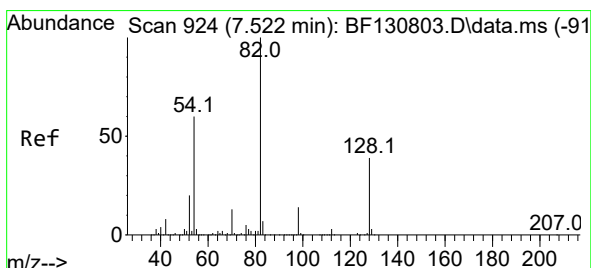
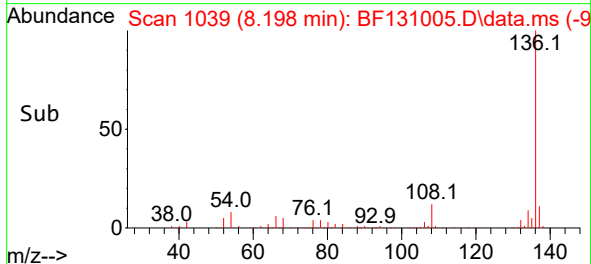
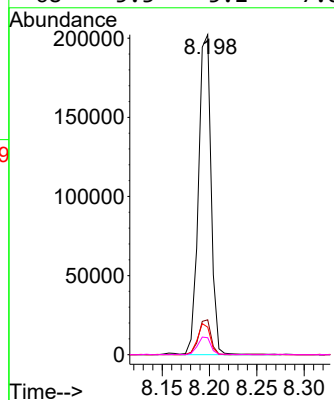
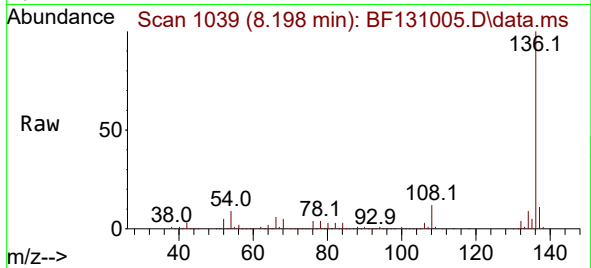




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

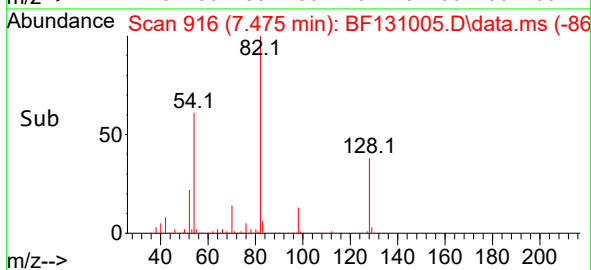
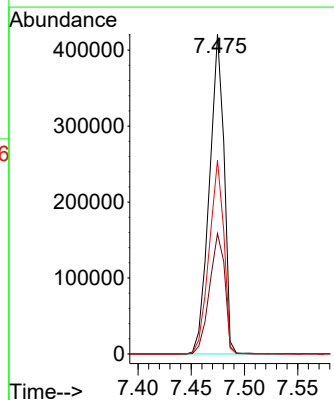
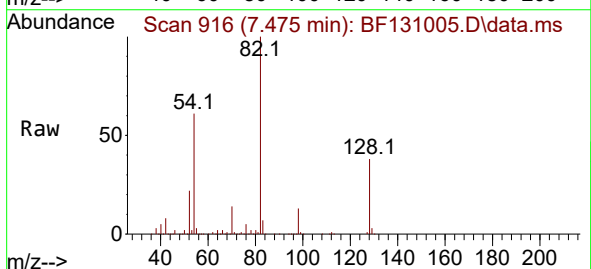
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

Tgt Ion:136 Resp: 187997
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.6 8.8 13.2#
68 5.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 129.382 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion: 82 Resp: 403380
Ion Ratio Lower Upper
82 100
128 37.6 31.2 46.8
54 60.6 48.0 72.0

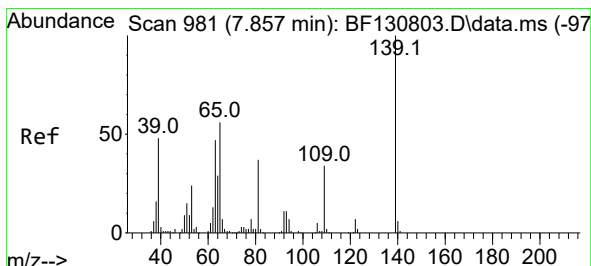
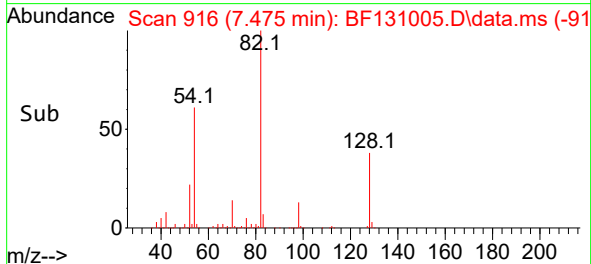
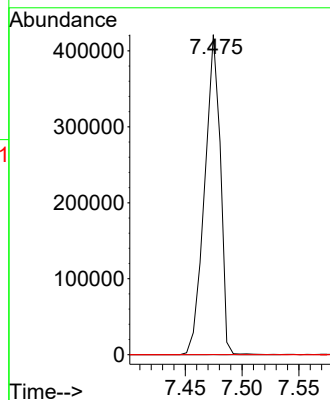
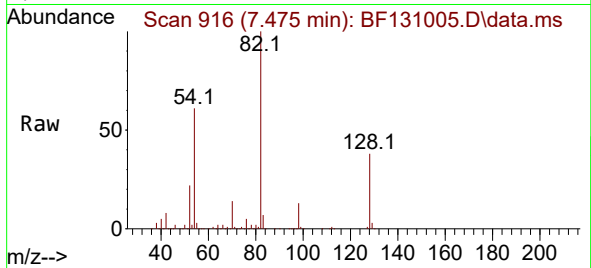




#25
Isophorone
Concen: 62.741 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

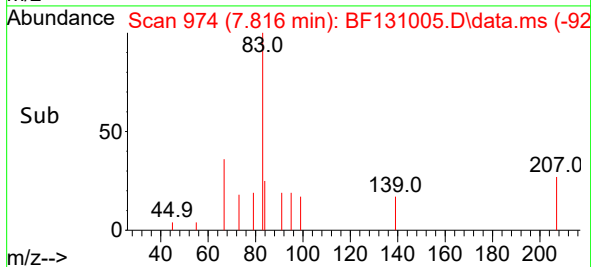
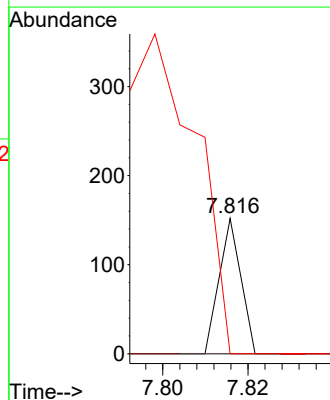
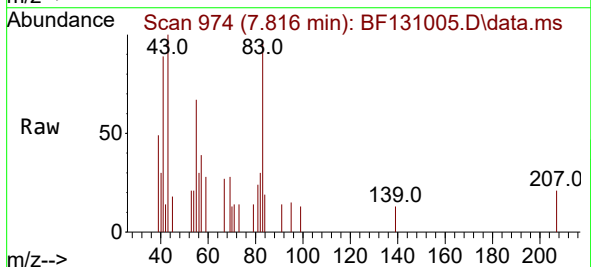
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BNA_F
ClientSampleId :
MW-8-102722

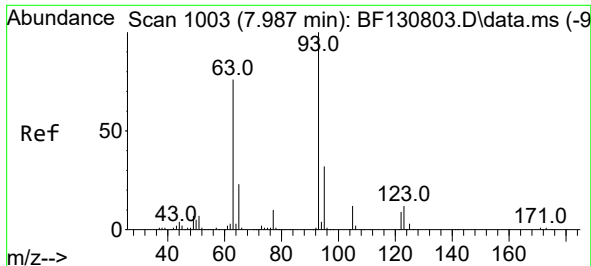
Tgt Ion: 82 Resp: 403376
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.4#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 4.118 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 27.3 40.9#
65 0.0 44.6 67.0#

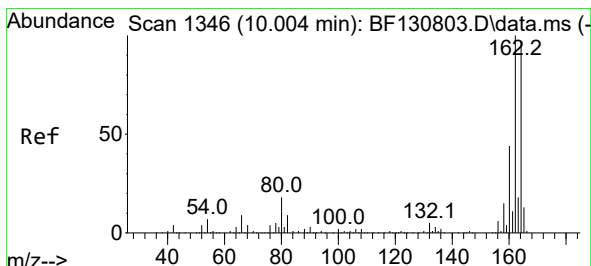
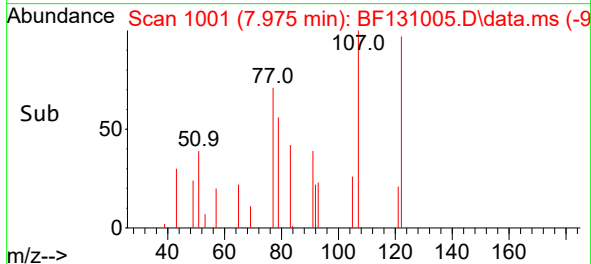
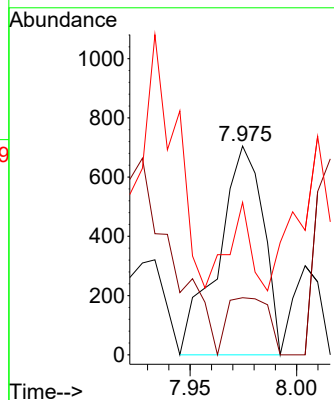
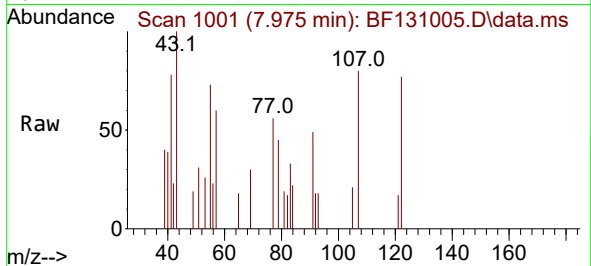




#32
Benzoic acid
Concen: 8.138 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.012 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

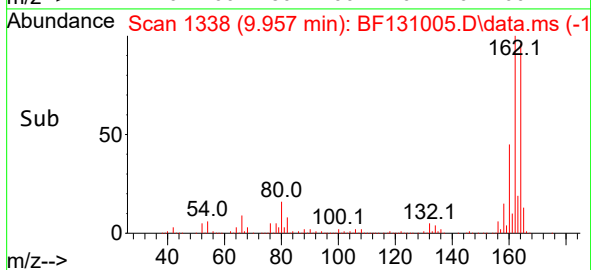
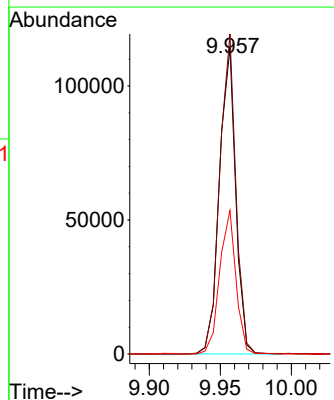
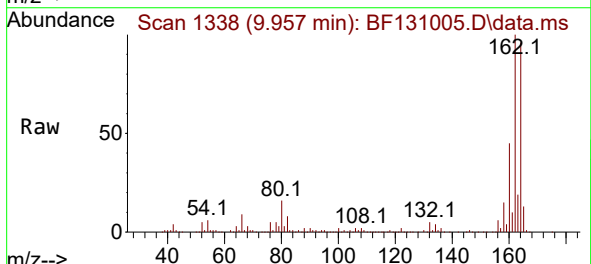
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ClientSampleId :
MW-8-102722

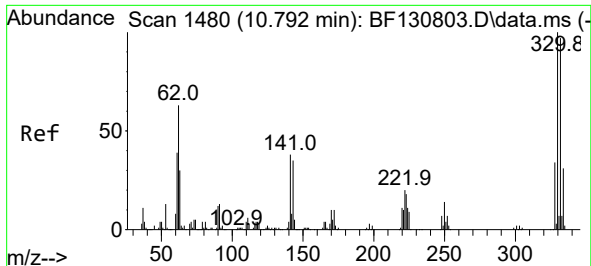
Tgt Ion:122 Resp: 1036
Ion Ratio Lower Upper
122 100
105 27.4 114.5 154.5#
77 73.0 89.8 129.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion:164 Resp: 91068
Ion Ratio Lower Upper
164 100
162 104.4 82.2 123.2
160 46.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 162.184 ng

RT: 10.751 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131005.D

Acq: 04 Nov 2022 23:04

Instrument :

BNA_F

ClientSampleId :

MW-8-102722

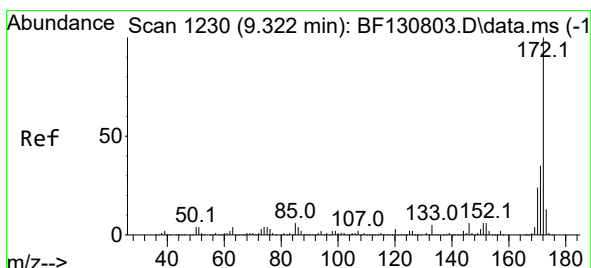
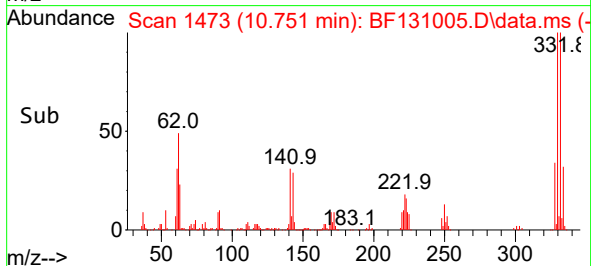
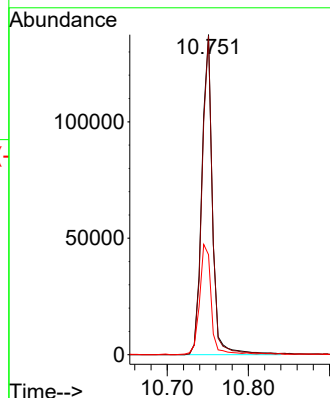
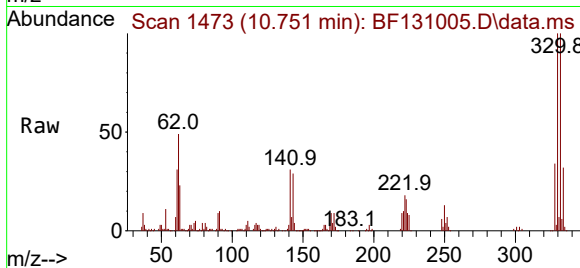
Tgt Ion:330 Resp: 124332

Ion Ratio Lower Upper

330 100

332 97.3 76.2 114.4

141 38.0 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 108.245 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF131005.D

Acq: 04 Nov 2022 23:04

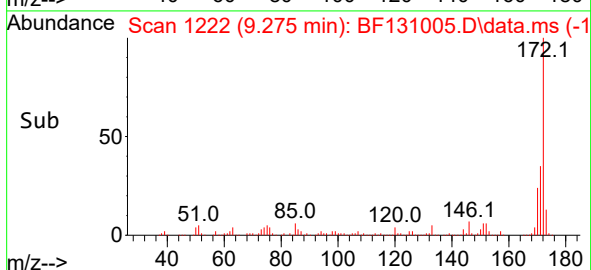
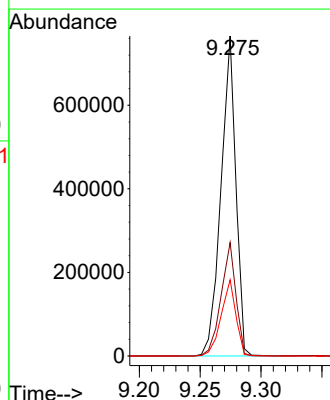
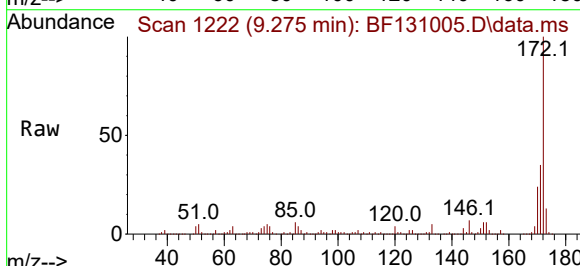
Tgt Ion:172 Resp: 652009

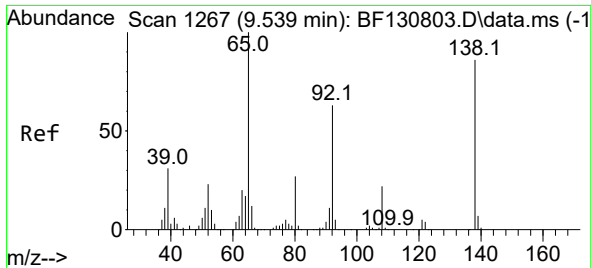
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.8 19.0 28.4

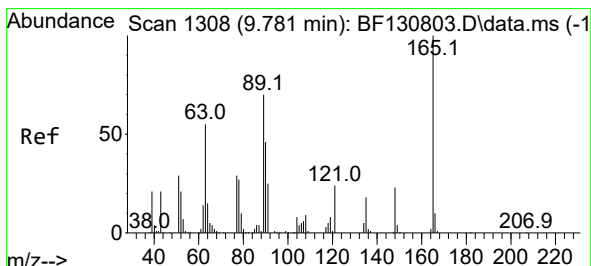
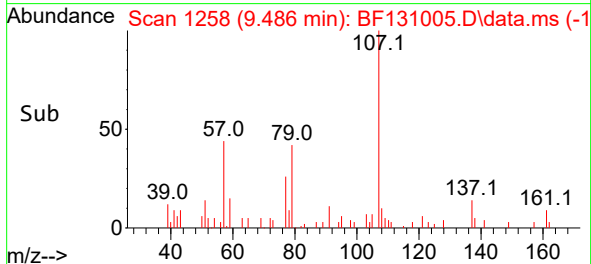
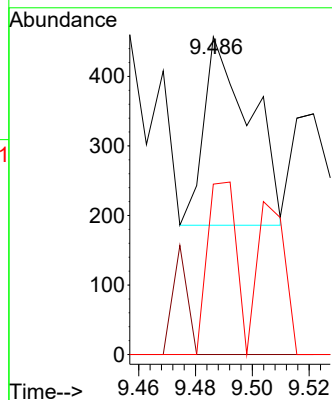
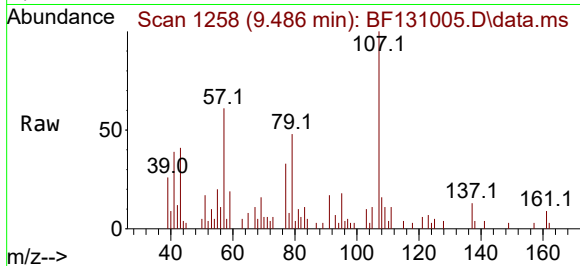




#48
2-Nitroaniline
Concen: 4.315 ng
RT: 9.486 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

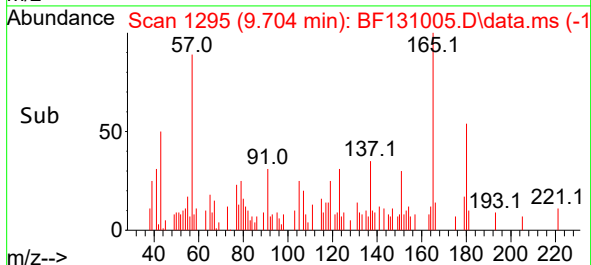
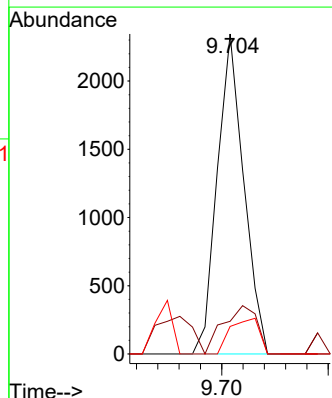
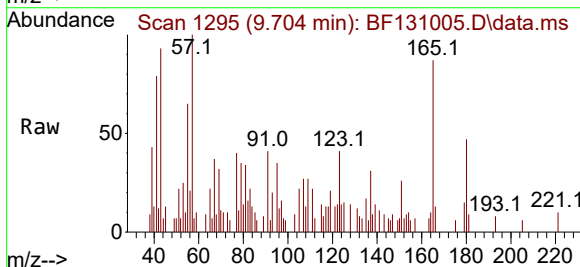
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

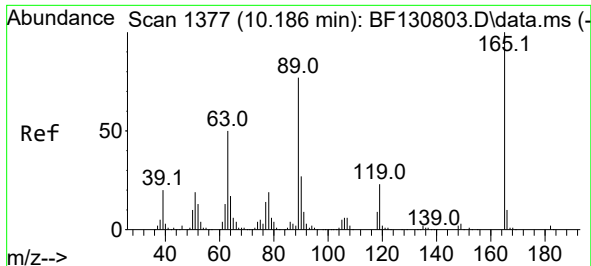
Tgt Ion: 65 Resp: 307
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 53.6 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 4.392 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.041 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion: 165 Resp: 2024
Ion Ratio Lower Upper
165 100
63 10.2 61.8 92.8#
89 8.6 56.2 84.4#

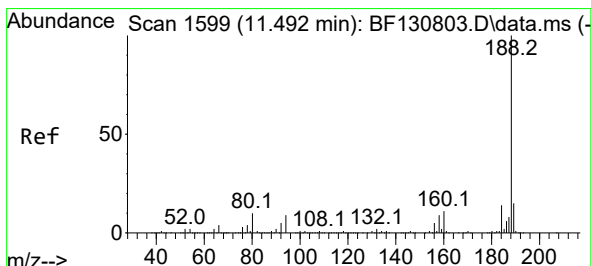
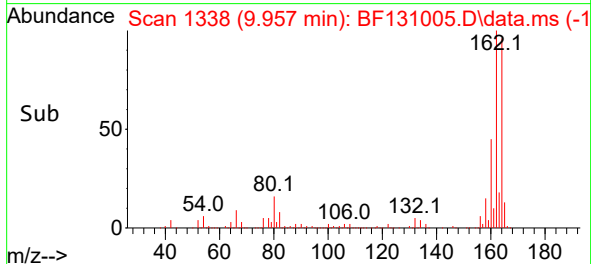
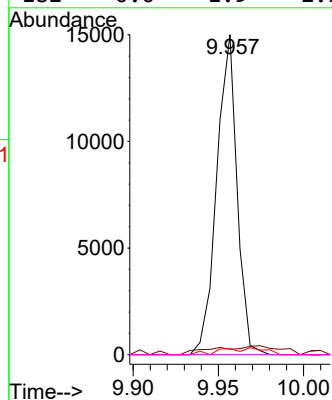
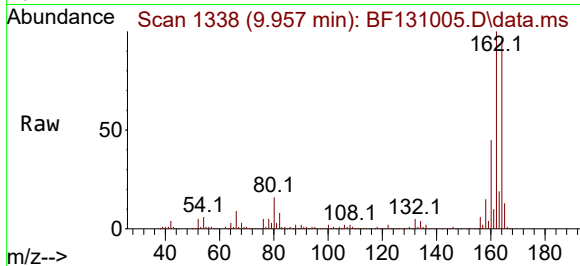




#57
2,4-Dinitrotoluene
Concen: 11.400 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

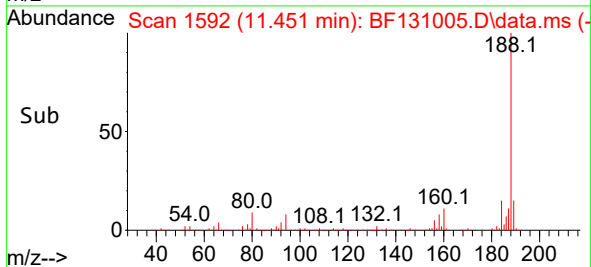
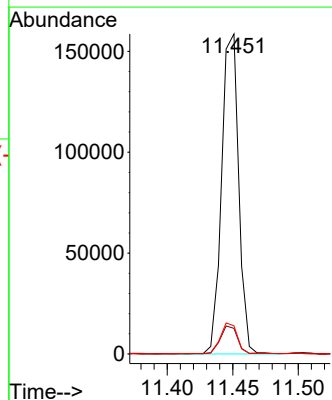
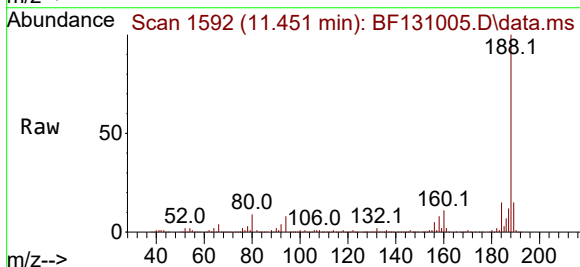
Instrument :
BNA_F
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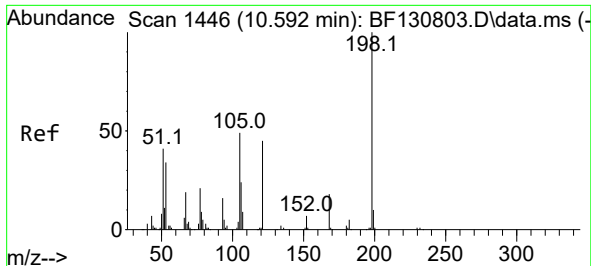
Tgt Ion:165 Resp: 12456
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.9 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion:188 Resp: 143500
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.8 8.0 12.0

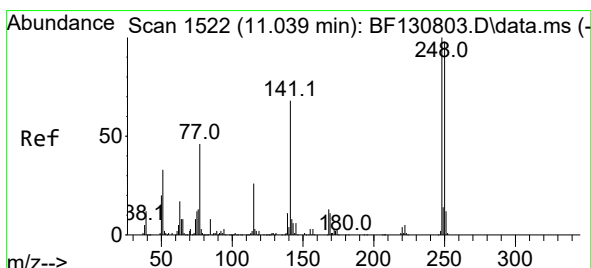
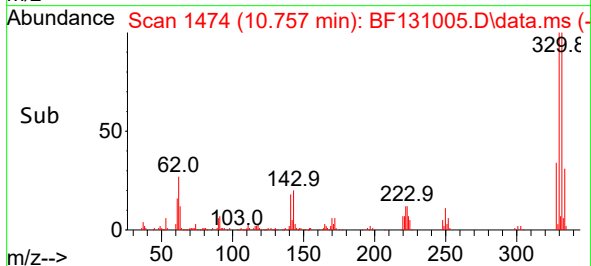
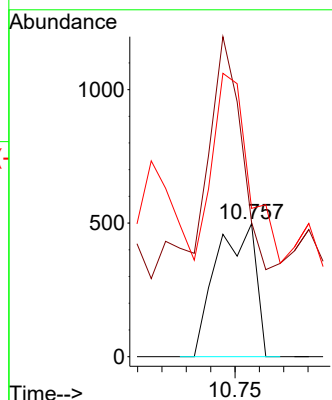
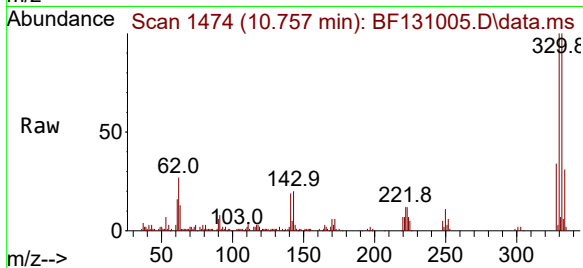




#65
4,6-Dinitro-2-methylphenol
Concen: 8.709 ng
RT: 10.757 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

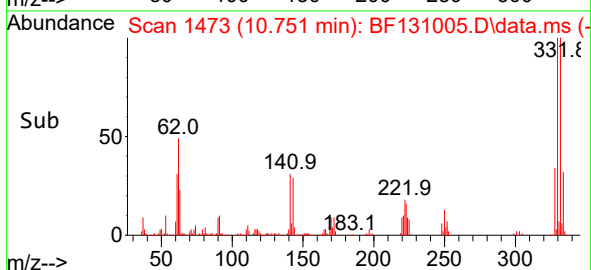
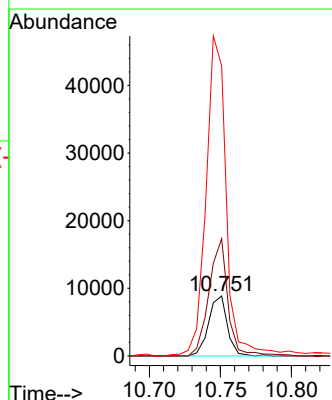
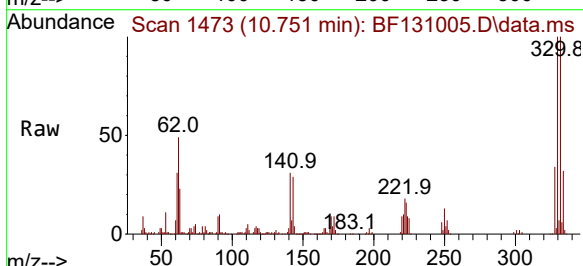
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

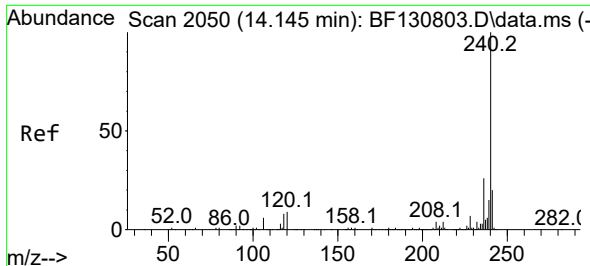
Tgt Ion:198 Resp: 561
Ion Ratio Lower Upper
198 100
51 101.0 39.0 79.0#
105 111.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.672 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion:248 Resp: 8185
Ion Ratio Lower Upper
248 100
250 195.6 78.6 117.8#
141 483.9 54.2 81.4#

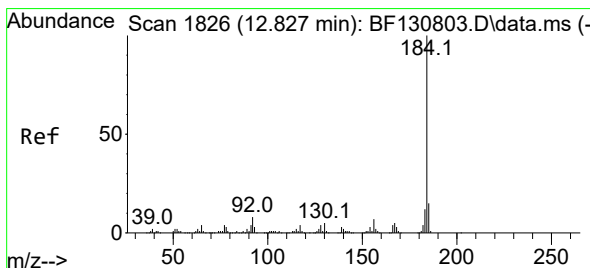
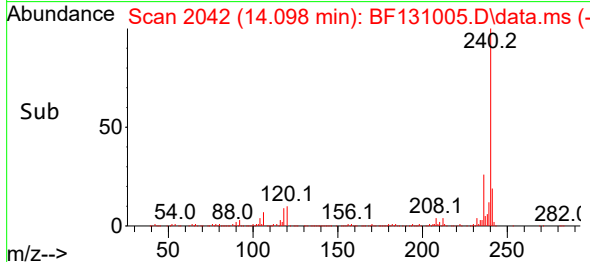
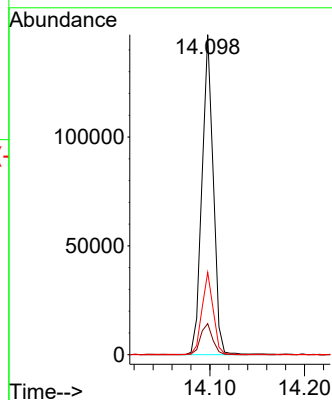
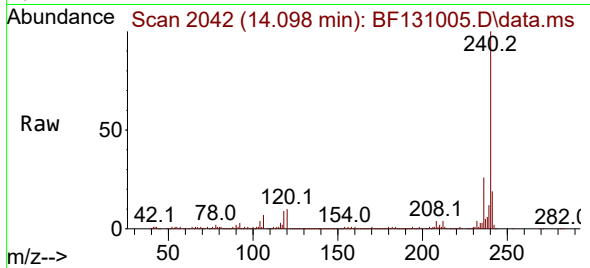




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

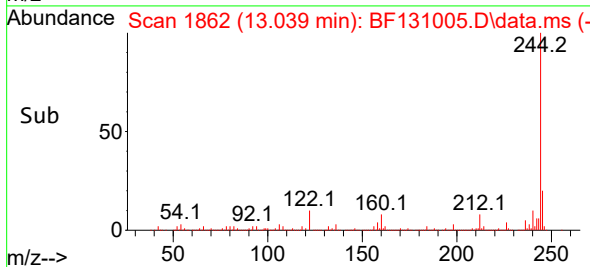
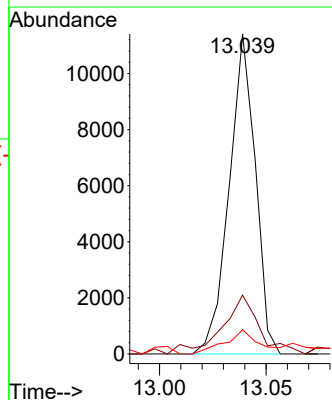
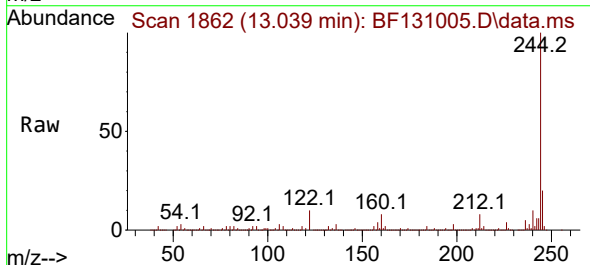
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

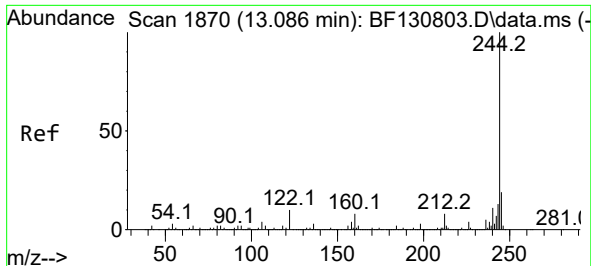
Tgt Ion:240 Resp: 122479
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.4
236 25.7 20.5 30.7



#77
Benzidine
Concen: 3.287 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.247 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion:184 Resp: 9773
Ion Ratio Lower Upper
184 100
185 18.4 11.8 17.8#
183 7.6 9.7 14.5#

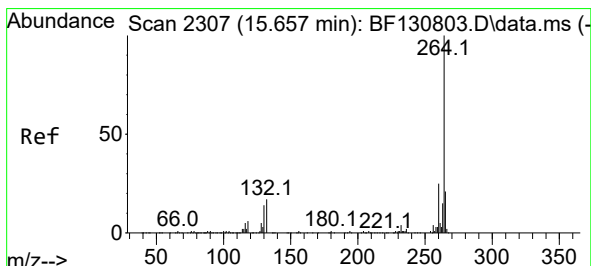
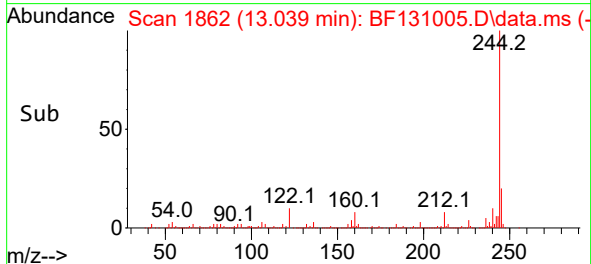
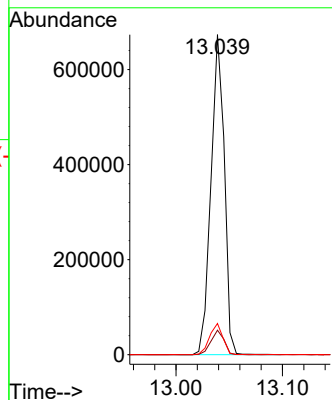
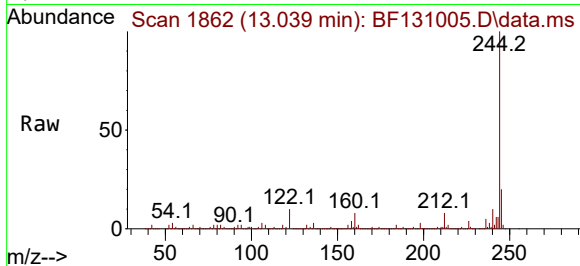




#79
 Terphenyl-d14
 Concen: 87.838 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131005.D
 Acq: 04 Nov 2022 23:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-102722

Tgt Ion:244 Resp: 587097
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF131005.D
 Acq: 04 Nov 2022 23:04

Tgt Ion:264 Resp: 126448
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.9 29.9
 265 20.7 17.0 25.6

