

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138431.D
 Acq On : 02 Jul 2024 17:11
 Operator : CG\JU
 Sample : P3120-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2040627

Quant Time: Jul 02 17:57:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

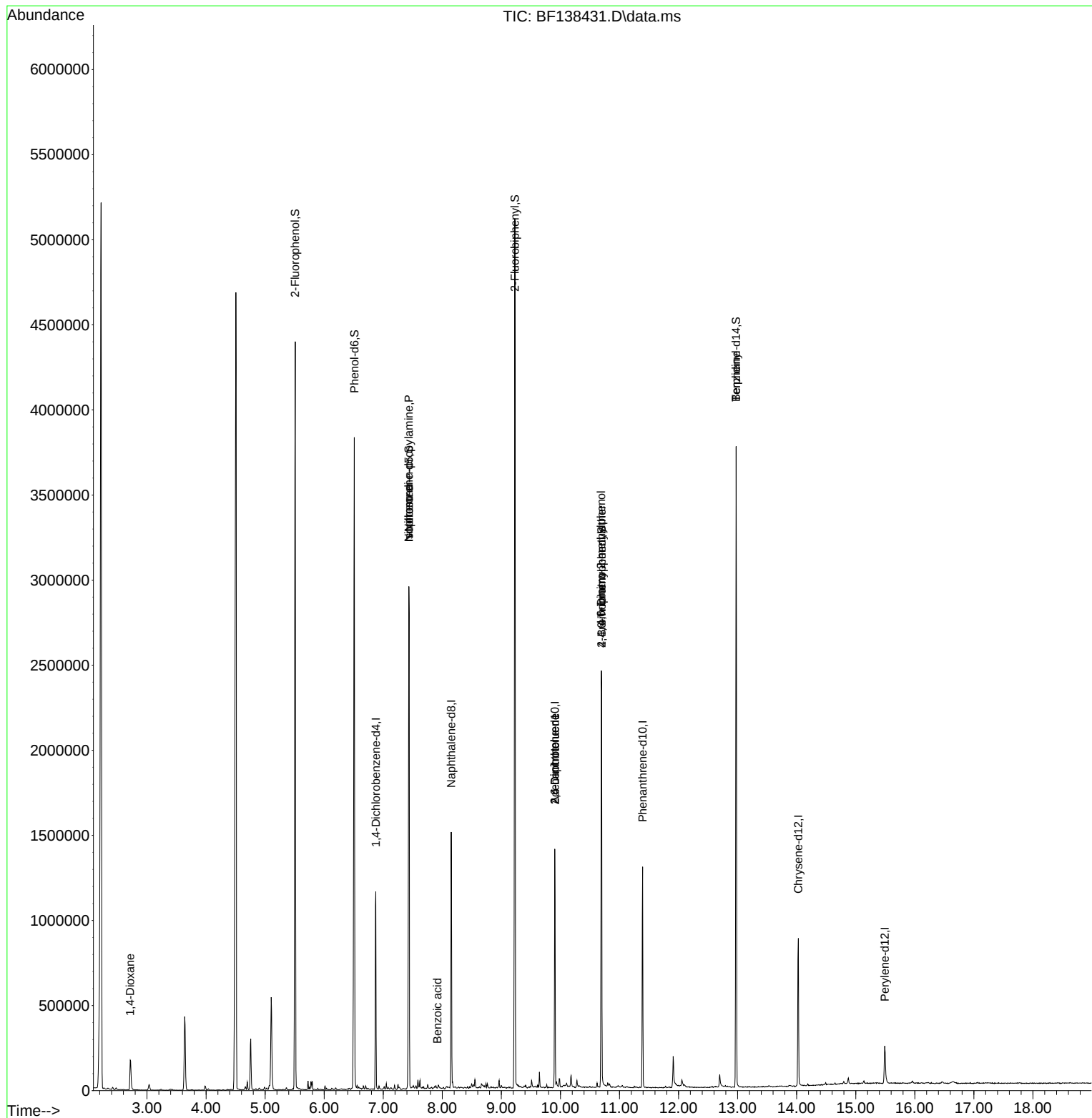
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	162175	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	611510	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	252701	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	423112	20.000	ng	0.00
76) Chrysene-d12	14.027	240	277655	20.000	ng	0.00
86) Perylene-d12	15.492	264	78387	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1099528	112.407	ng	0.01
7) Phenol-d6	6.510	99	1173015	89.021	ng	0.00
23) Nitrobenzene-d5	7.434	82	1036982	88.092	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	283829	137.474	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1604623	101.056	ng	0.00
79) Terphenyl-d14	12.974	244	1238304	61.119	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	10483	2.275	ng	# 1
19) n-Nitroso-di-n-propyla...	7.434	70	137865	16.596	ng	# 77
25) Isophorone	7.434	82	1035025	47.684	ng	# 67
32) Benzoic acid	7.916	122	358	4.153	ng	# 51
51) 2,6-Dinitrotoluene	9.904	165	31756	8.731	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	31756	7.091	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	704	6.073	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	18874	4.150	ng	# 1
77) Benzidine	12.974	184	16738	7.539	ng	# 95

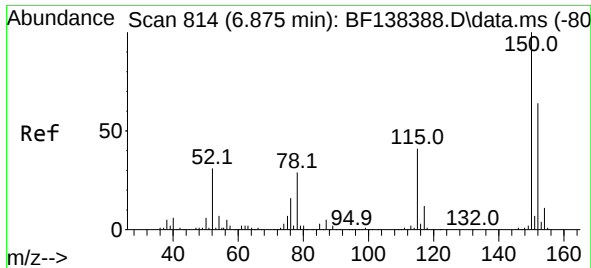
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
Data File : BF138431.D
Acq On : 02 Jul 2024 17:11
Operator : CG\JU
Sample : P3120-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2040627

Quant Time: Jul 02 17:57:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

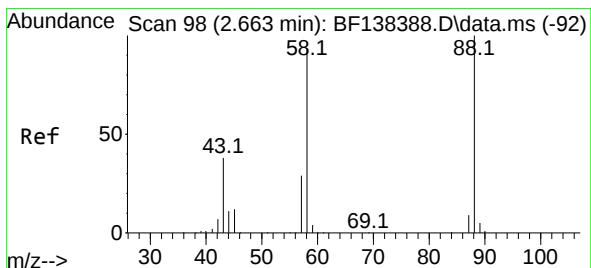
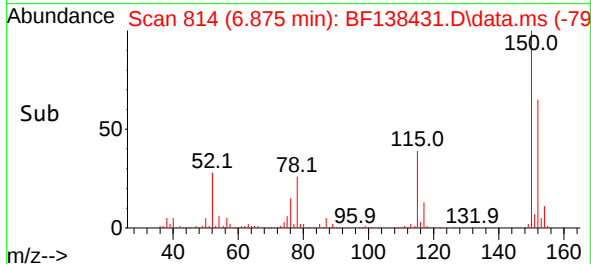
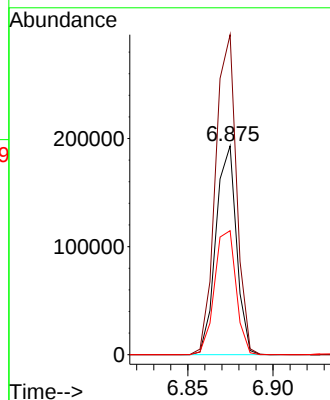
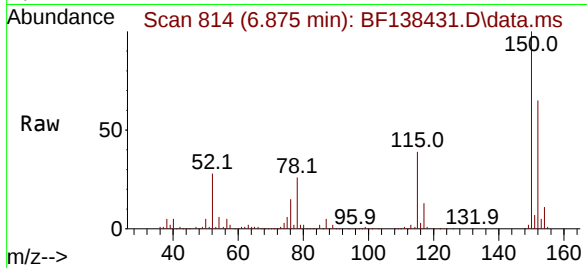




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

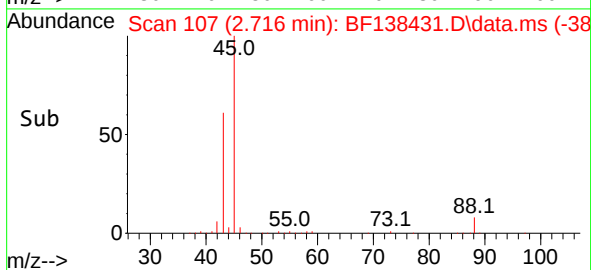
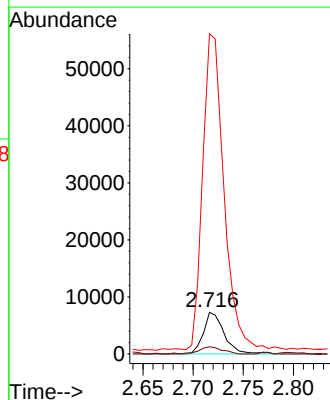
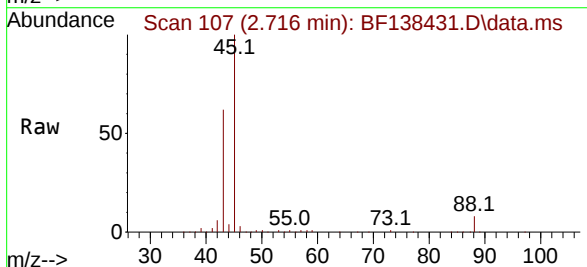
Instrument :
BNA_F
ClientSampleId :
WC-2040627

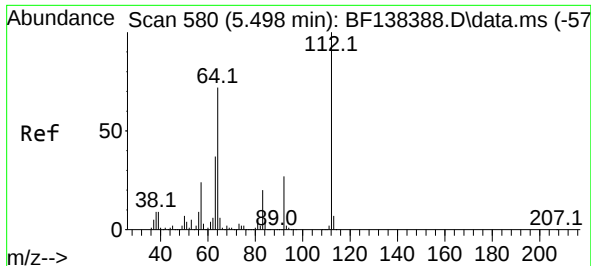
Tgt Ion:152 Resp: 162175
Ion Ratio Lower Upper
152 100
150 153.3 124.9 187.3
115 59.4 50.8 76.2



#2
1,4-Dioxane
Concen: 2.275 ng
RT: 2.716 min Scan# 107
Delta R.T. 0.053 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

Tgt Ion: 88 Resp: 10483
Ion Ratio Lower Upper
88 100
58 19.5 73.7 110.5#
43 778.0 30.1 45.1#

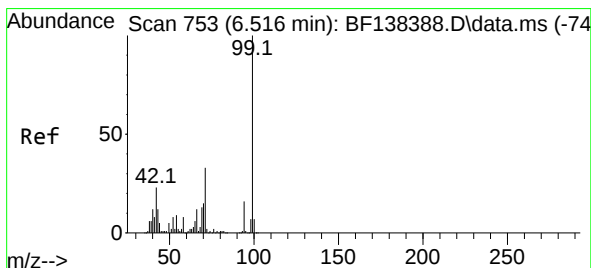
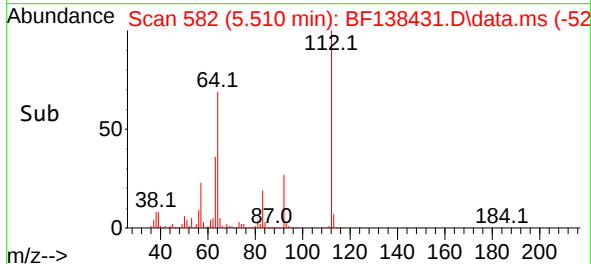
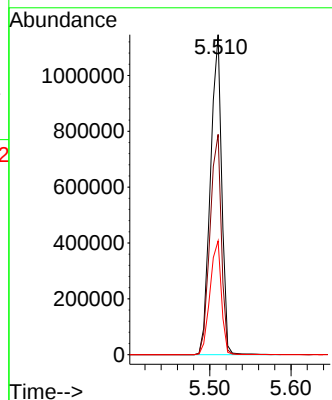
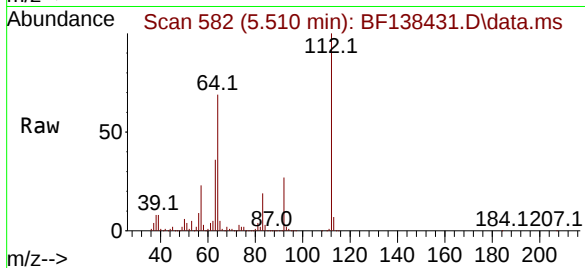




#5
2-Fluorophenol
Concen: 112.407 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.012 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

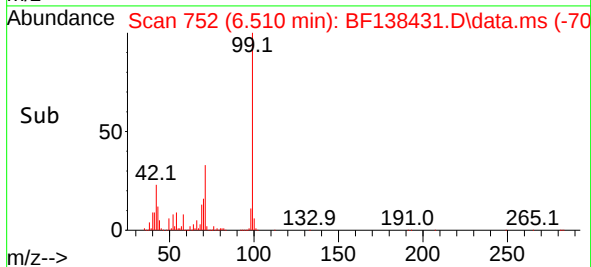
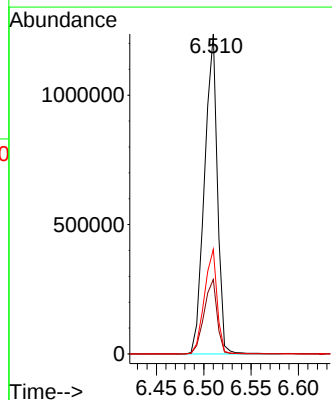
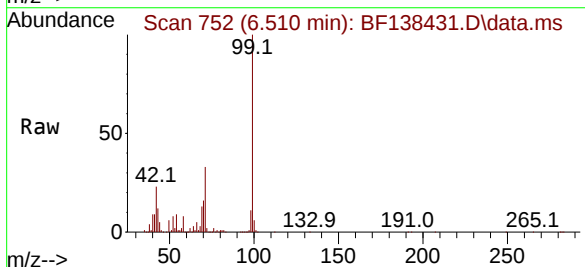
Instrument :
BNA_F
ClientSampleId :
WC-2040627

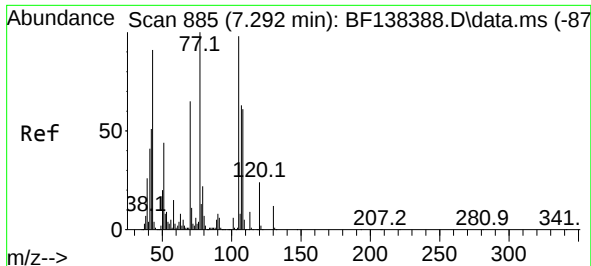
Tgt Ion:112 Resp: 1099528
Ion Ratio Lower Upper
112 100
64 68.8 57.2 85.8
63 35.6 29.4 44.0



#7
Phenol-d6
Concen: 89.021 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

Tgt Ion: 99 Resp: 1173015
Ion Ratio Lower Upper
99 100
42 23.3 18.5 27.7
71 32.7 26.1 39.1

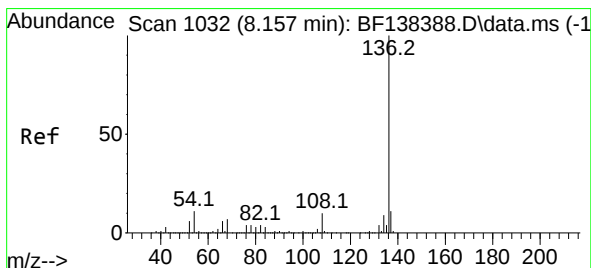
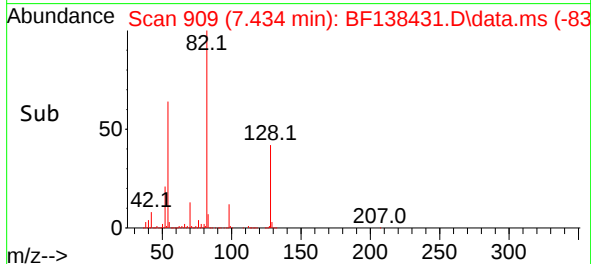
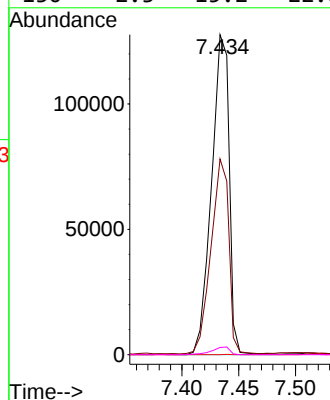
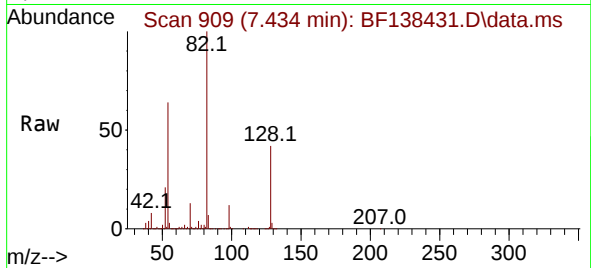




#19
n-Nitroso-di-n-propylamine
Concen: 16.596 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

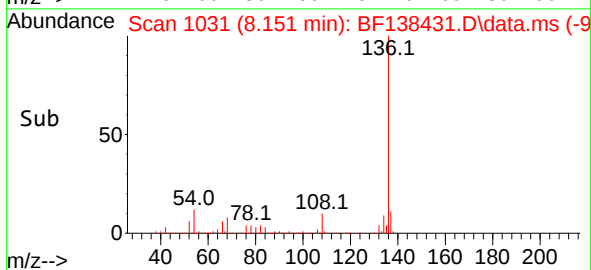
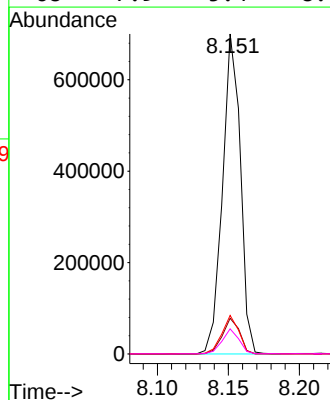
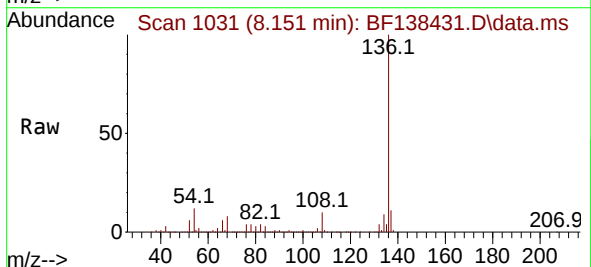
Instrument :
BNA_F
ClientSampleId :
WC-2040627

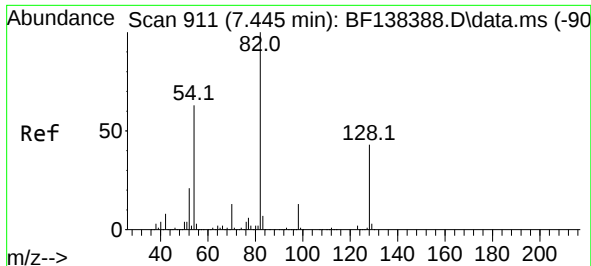
Tgt Ion: 70 Resp: 137865
Ion Ratio Lower Upper
70 100
42 61.2 62.5 93.7#
101 0.0 7.0 10.4#
130 2.3 15.2 22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

Tgt Ion: 136 Resp: 611510
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 12.0 9.0 13.4
68 7.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 88.092 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138431.D

Acq: 02 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

WC-2040627

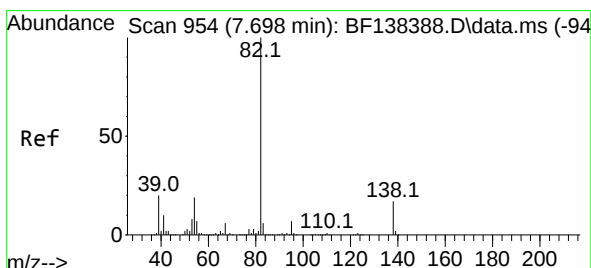
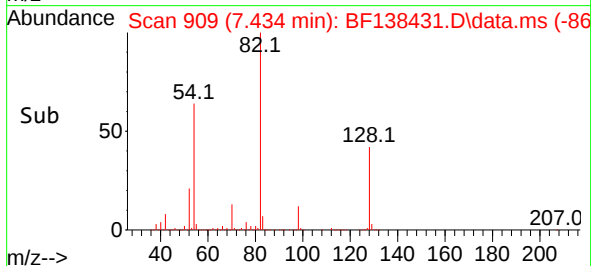
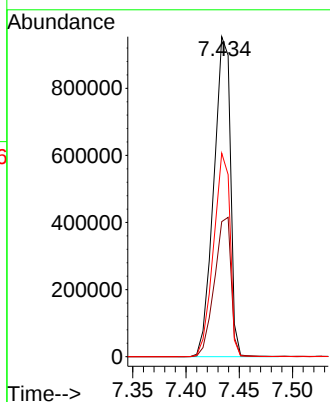
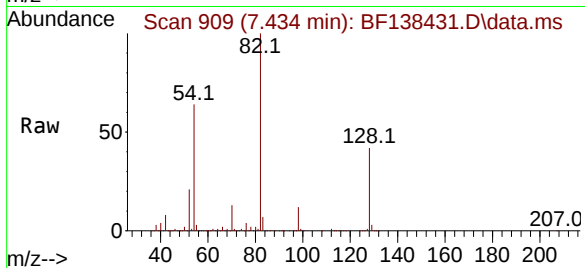
Tgt Ion: 82 Resp: 1036982

Ion Ratio Lower Upper

82 100

128 42.2 34.6 52.0

54 63.6 50.5 75.7



#25

Isophorone

Concen: 47.684 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF138431.D

Acq: 02 Jul 2024 17:11

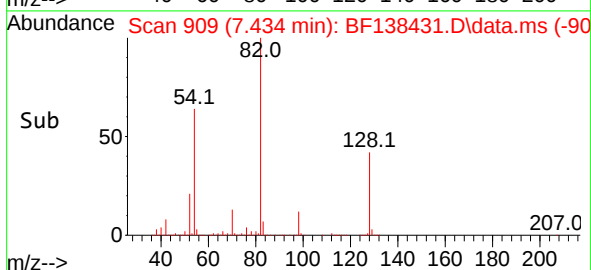
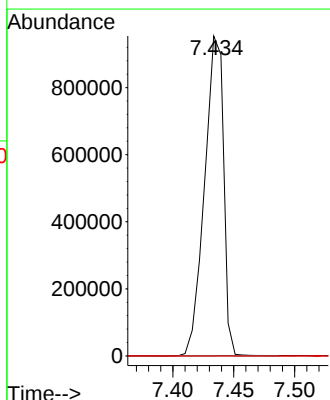
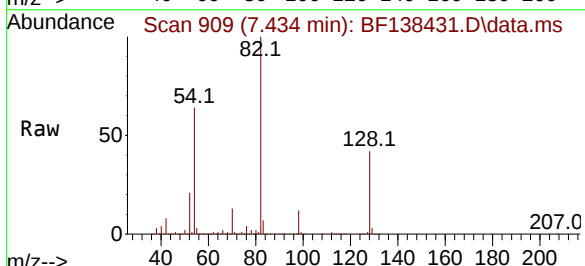
Tgt Ion: 82 Resp: 1035025

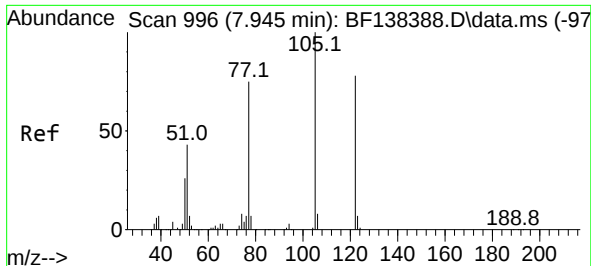
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.4 20.2#

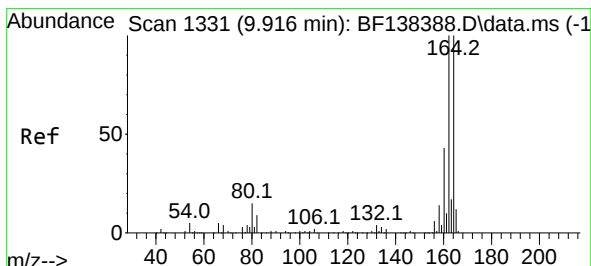
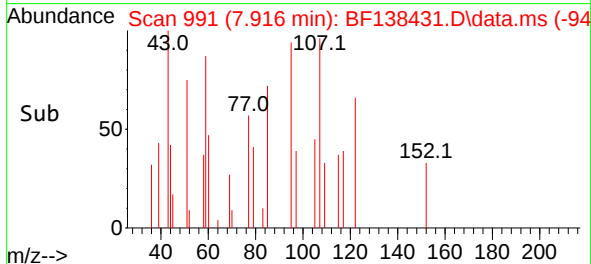
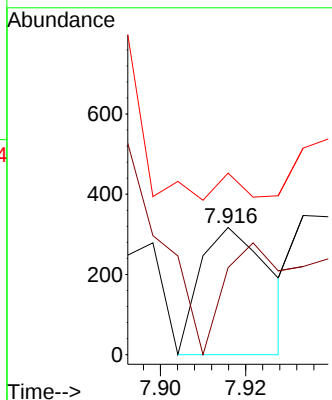
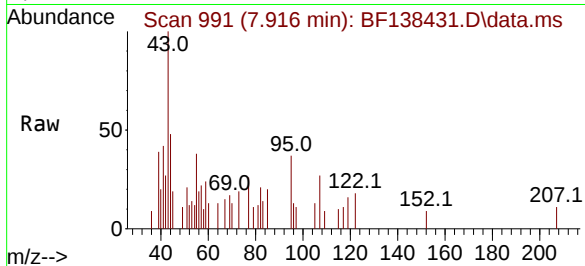




#32
Benzoic acid
Concen: 4.153 ng
RT: 7.916 min Scan# 996
Delta R.T. -0.029 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

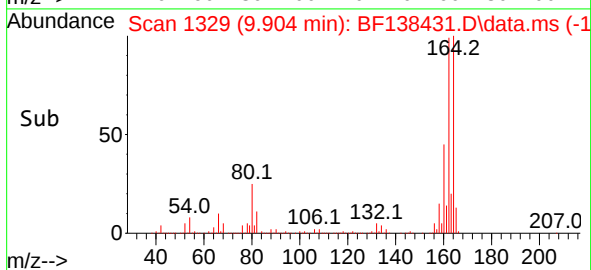
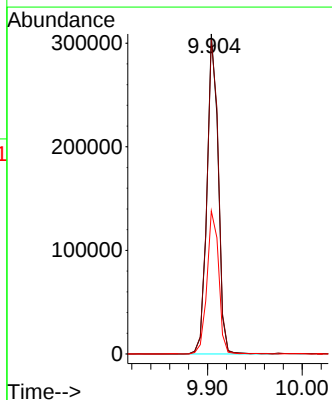
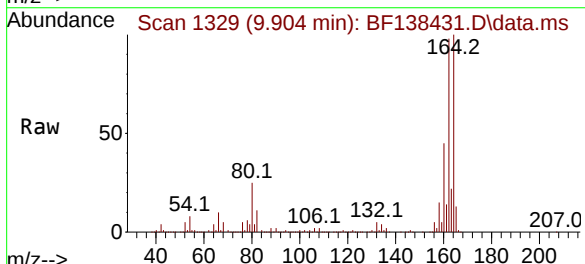
Instrument :
BNA_F
ClientSampleId :
WC-2040627

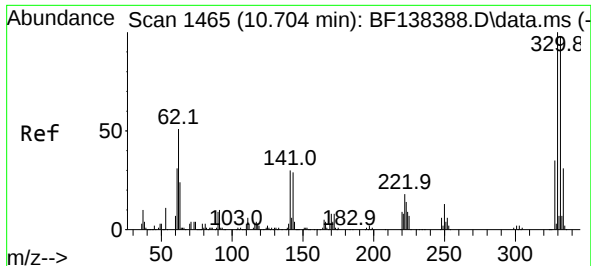
Tgt Ion:122 Resp: 358
Ion Ratio Lower Upper
122 100
105 68.5 103.8 143.8#
77 142.9 74.3 114.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

Tgt Ion:164 Resp: 252701
Ion Ratio Lower Upper
164 100
162 98.2 80.1 120.1
160 44.7 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 137.474 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF138431.D

Acq: 02 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

WC-2040627

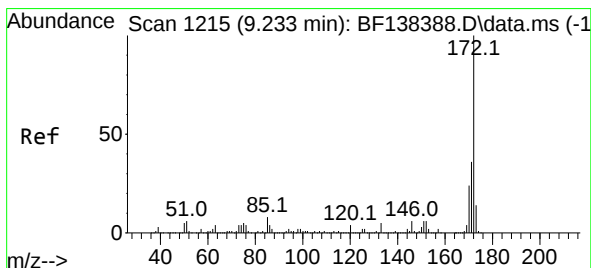
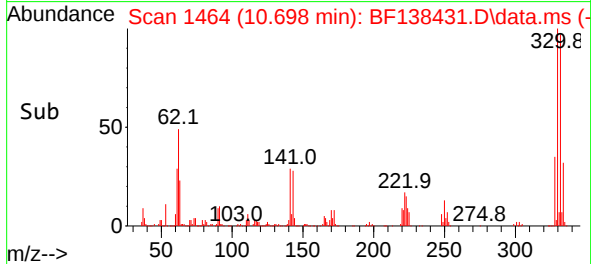
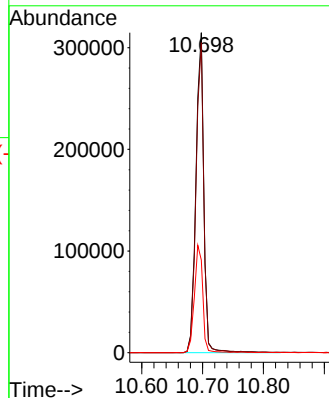
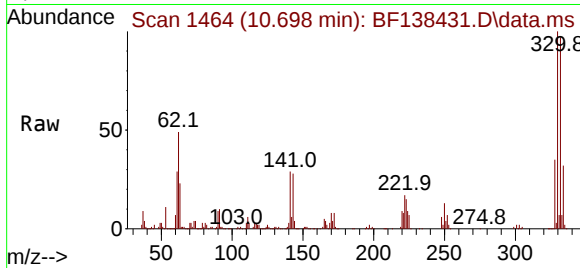
Tgt Ion:330 Resp: 283829

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

141 35.8 28.1 42.1



#45

2-Fluorobiphenyl

Concen: 101.056 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.005 min

Lab File: BF138431.D

Acq: 02 Jul 2024 17:11

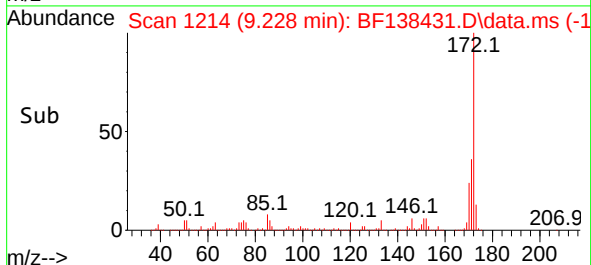
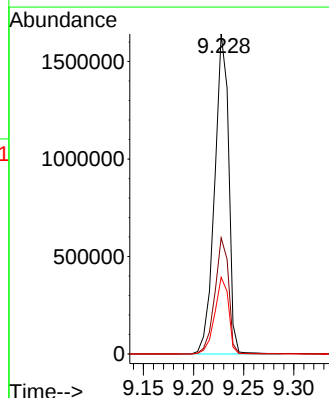
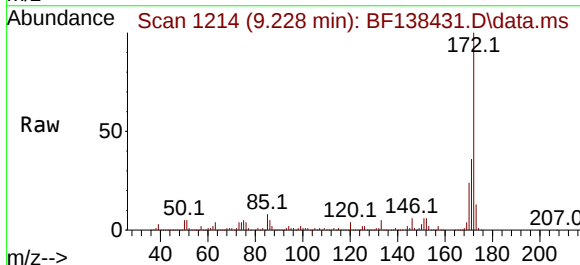
Tgt Ion:172 Resp: 1604623

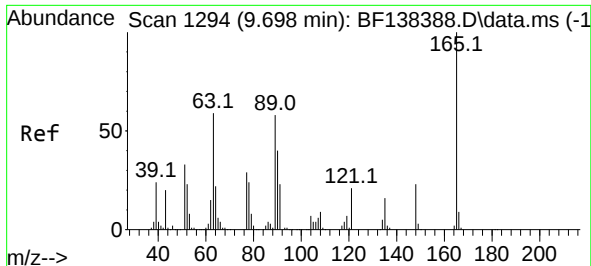
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 23.9 19.0 28.6

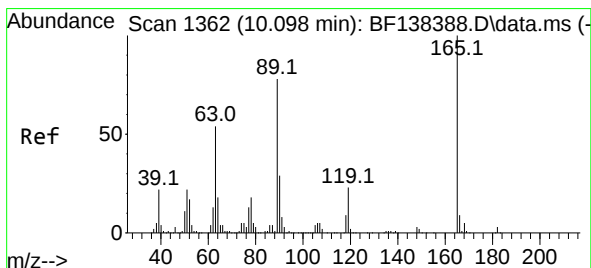
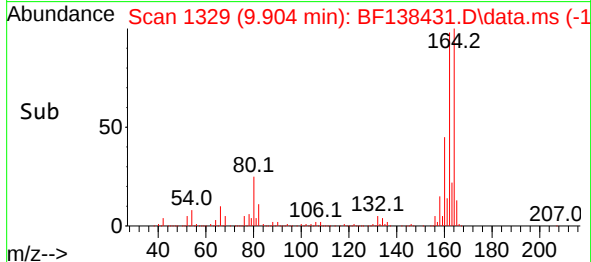
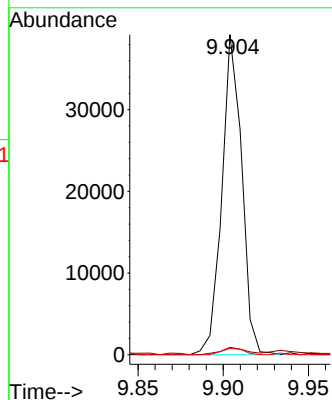
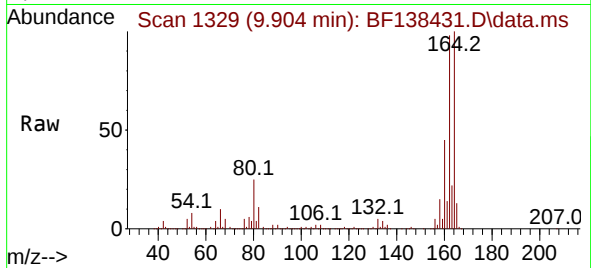




#51
2,6-Dinitrotoluene
Concen: 8.731 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

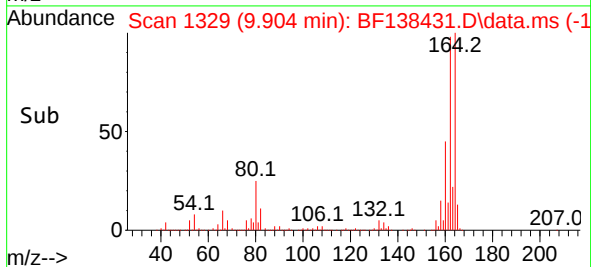
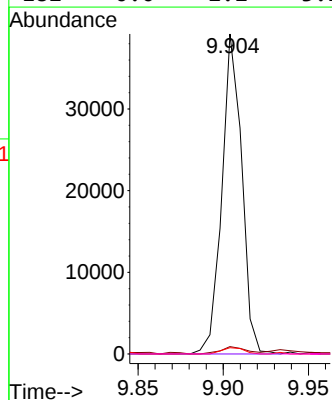
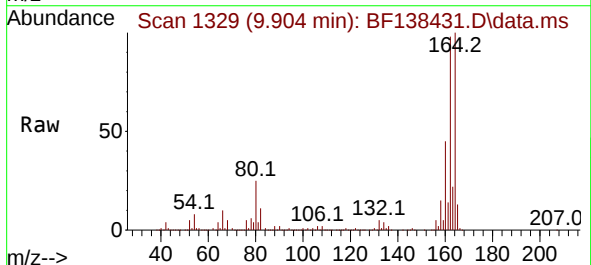
Instrument :
BNA_F
ClientSampleId :
WC-2040627

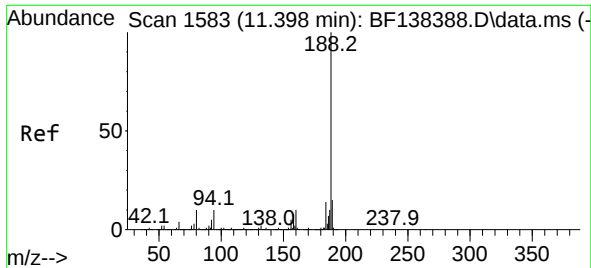
Tgt Ion:165 Resp: 31756
Ion Ratio Lower Upper
165 100
63 2.3 53.8 80.8#
89 2.0 46.4 69.6#



#57
2,4-Dinitrotoluene
Concen: 7.091 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

Tgt Ion:165 Resp: 31756
Ion Ratio Lower Upper
165 100
63 2.3 43.4 65.2#
89 2.0 62.6 93.8#
182 0.0 2.2 3.2#

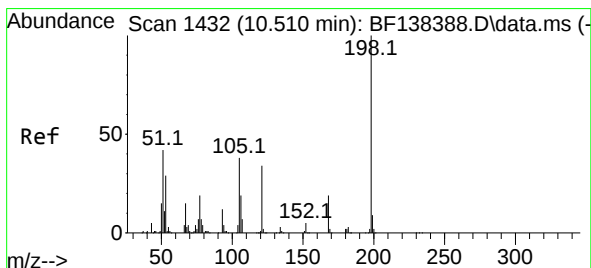
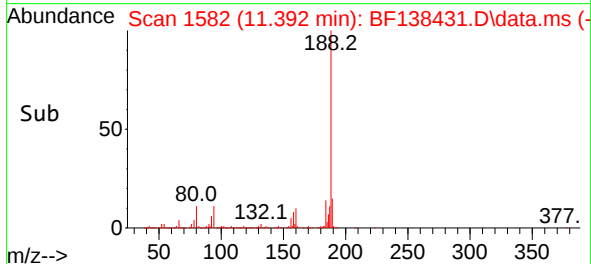
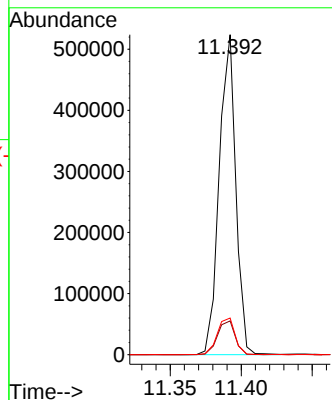
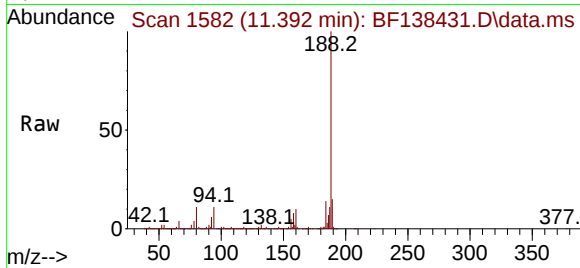




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

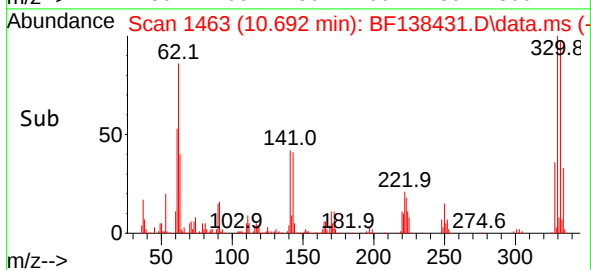
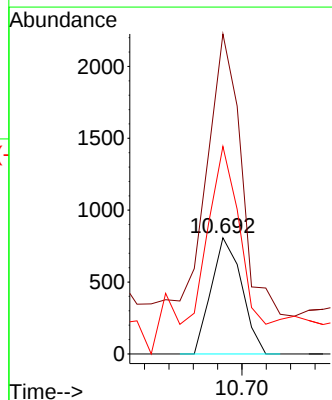
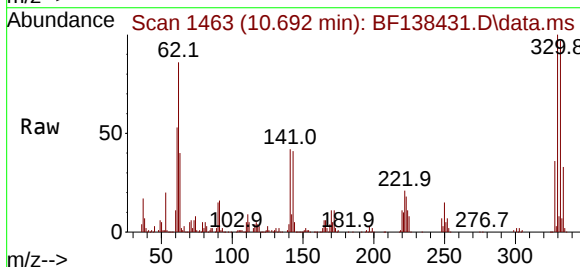
Instrument :
BNA_F
ClientSampleId :
WC-2040627

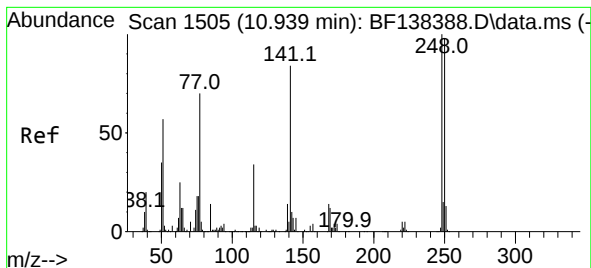
Tgt Ion:188 Resp: 423112
Ion Ratio Lower Upper
188 100
94 10.5 8.0 12.0
80 11.5 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 6.073 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.182 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

Tgt Ion:198 Resp: 704
Ion Ratio Lower Upper
198 100
51 275.5 27.9 67.9#
105 178.6 18.2 58.2#

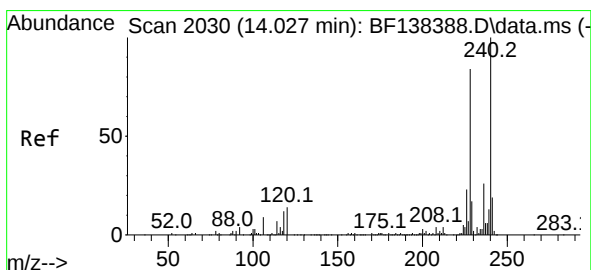
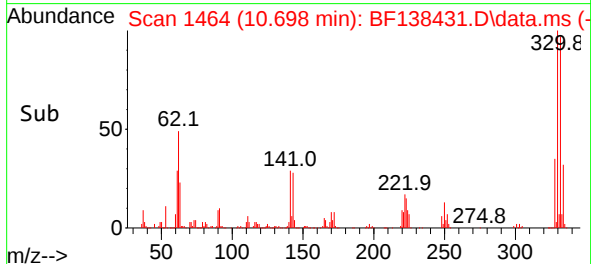
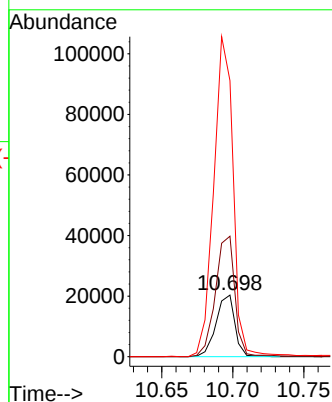
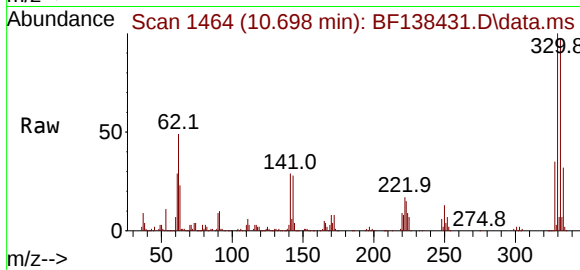




#67
4-Bromophenyl-phenylether
Concen: 4.150 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

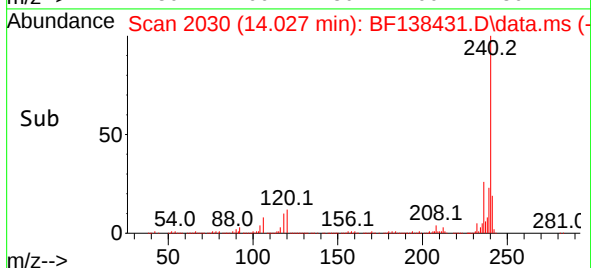
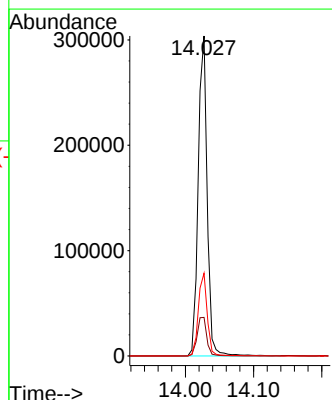
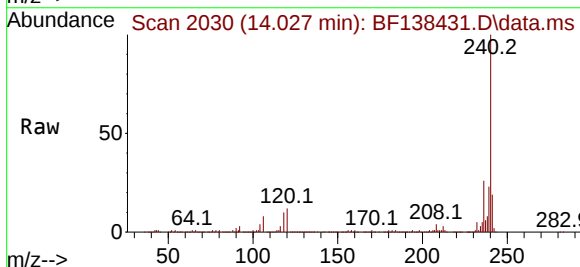
Instrument :
BNA_F
ClientSampleId :
WC-2040627

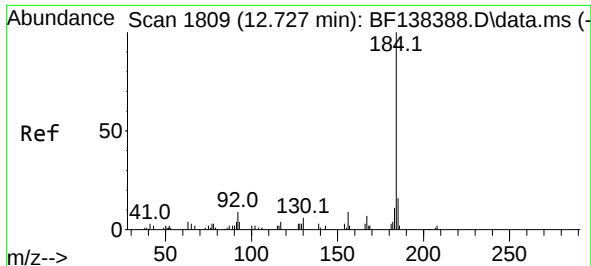
Tgt Ion:248 Resp: 18874
Ion Ratio Lower Upper
248 100
250 195.2 78.2 117.4#
141 447.3 67.6 101.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

Tgt Ion:240 Resp: 277655
Ion Ratio Lower Upper
240 100
120 12.0 10.9 16.3
236 25.8 20.6 30.8

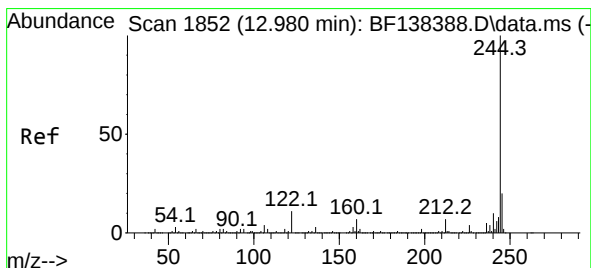
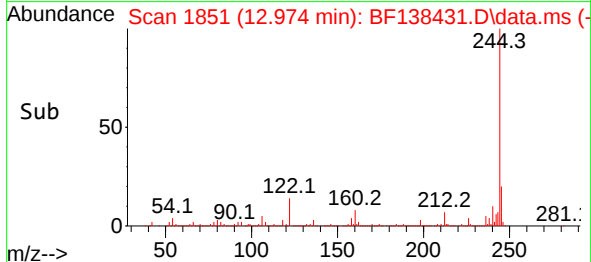
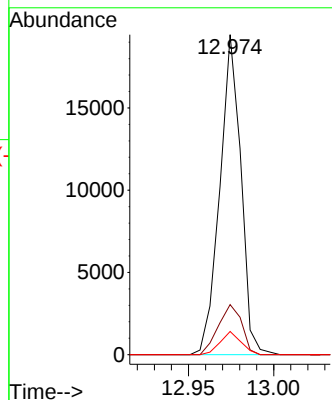
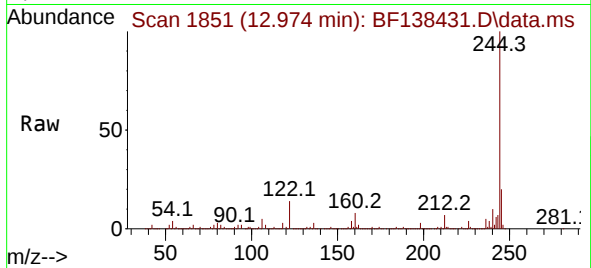




#77
Benzidine
Concen: 7.539 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

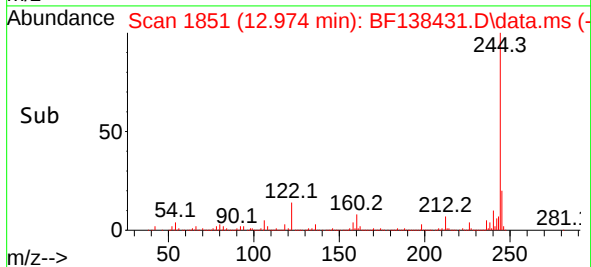
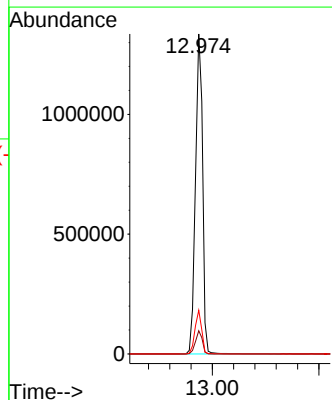
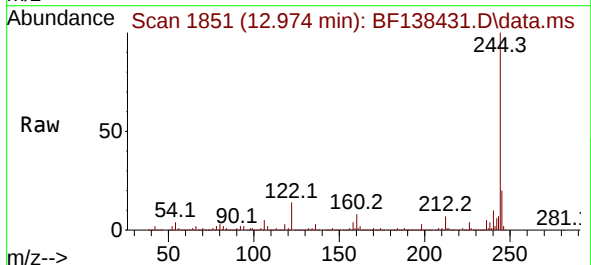
Instrument :
BNA_F
ClientSampleId :
WC-2040627

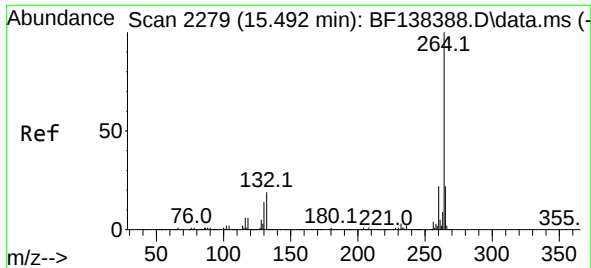
Tgt Ion:184 Resp: 16738
Ion Ratio Lower Upper
184 100
185 15.6 13.0 19.4
183 7.2 9.0 13.6#



#79
Terphenyl-d14
Concen: 61.119 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

Tgt Ion:244 Resp: 1238304
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 13.7 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

Instrument :
BNA_F
ClientSampleId :
WC-2040627

Tgt Ion:264 Resp: 78387
Ion Ratio Lower Upper
264 100
260 29.1 17.8 26.6#
265 20.5 17.5 26.3

