

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062824\
 Data File : BF138393.D
 Acq On : 28 Jun 2024 18:21
 Operator : CG\JU
 Sample : PB161765BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161765BL

Quant Time: Jun 29 03:05:26 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)

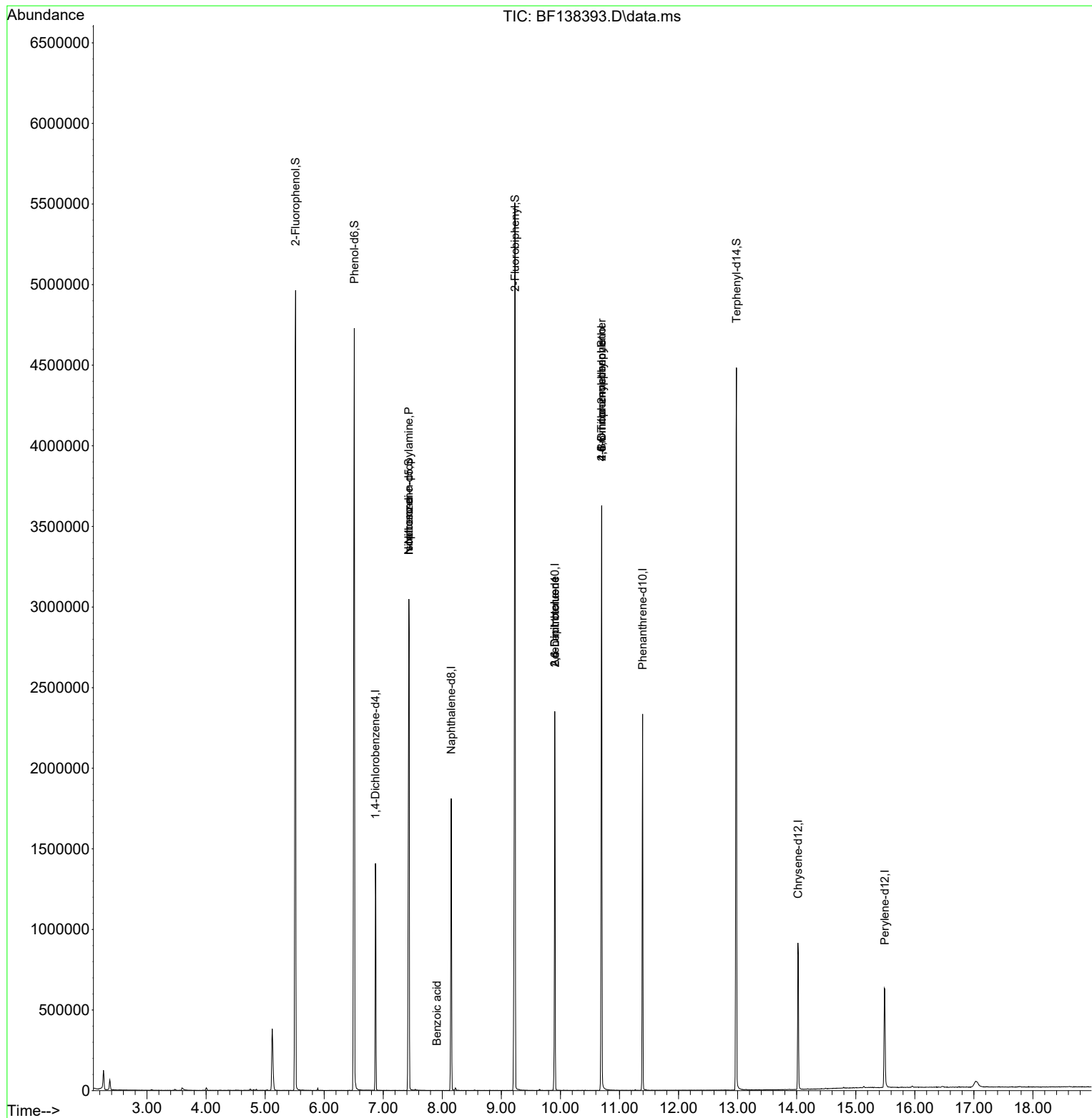
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	192083	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	809232	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	471238	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	777227	20.000	ng	0.00
76) Chrysene-d12	14.021	240	314173	20.000	ng	0.00
86) Perylene-d12	15.492	264	298487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1364326	117.761	ng	0.02
7) Phenol-d6	6.510	99	1822504	116.776	ng	0.00
23) Nitrobenzene-d5	7.434	82	1214772	77.981	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	415647	107.958	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2091709	70.641	ng	0.00
79) Terphenyl-d14	12.980	244	1666587	72.696	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	162494	16.516	ng	# 77
25) Isophorone	7.434	82	1211071	42.162	ng	# 67
32) Benzoic acid	7.910	122	179	4.120	ng	# 88
51) 2,6-Dinitrotoluene	9.904	165	61432	9.057	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	61432	7.356	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.698	198	1044	6.020	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	27154	3.250	ng	# 1

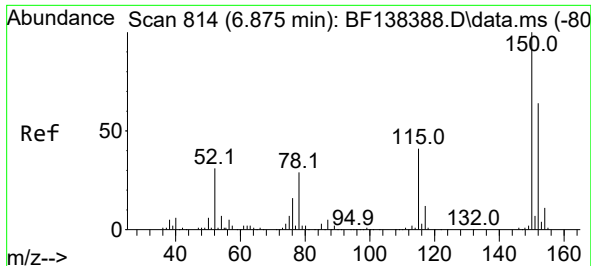
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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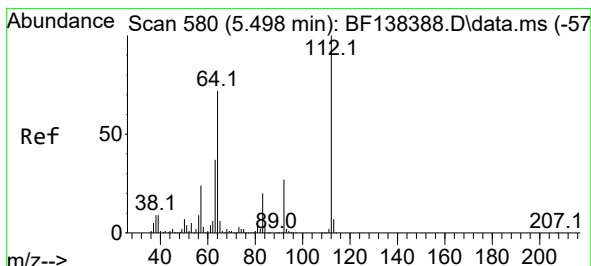
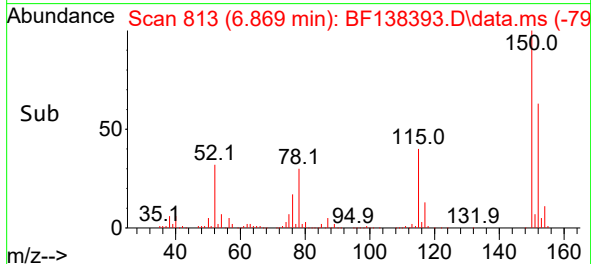
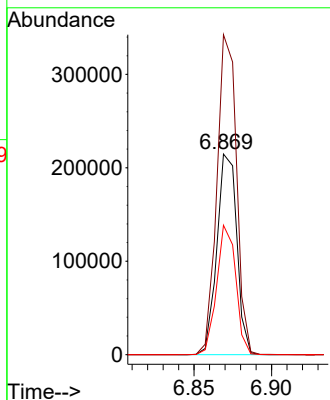
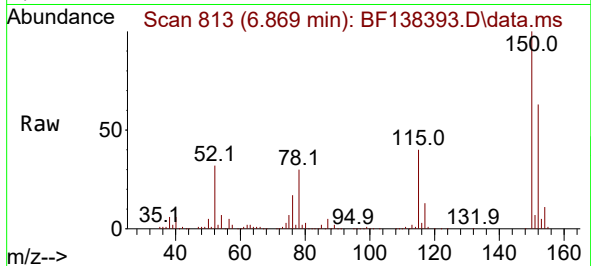




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

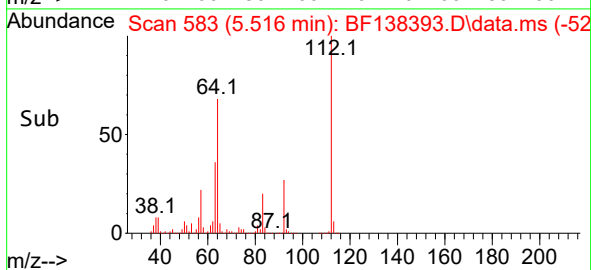
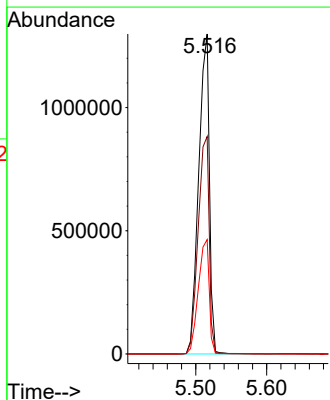
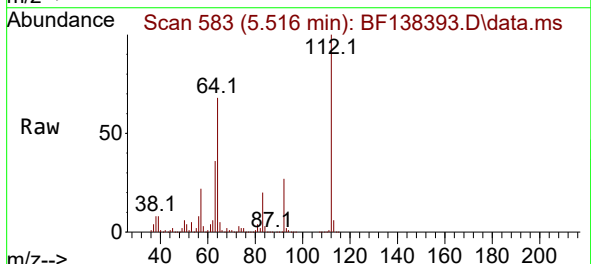
Instrument :
BNA_F
ClientSampleId :
PB161765BL

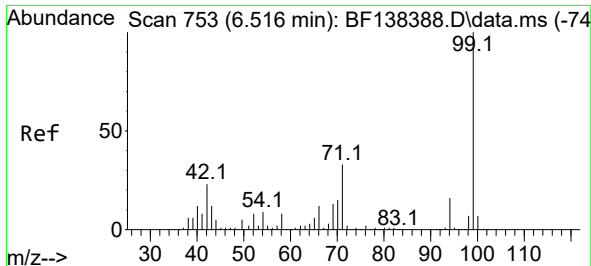
Tgt Ion:152 Resp: 192083
Ion Ratio Lower Upper
152 100
150 159.4 124.9 187.3
115 64.5 50.8 76.2



#5
2-Fluorophenol
Concen: 117.761 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

Tgt Ion:112 Resp: 1364326
Ion Ratio Lower Upper
112 100
64 67.9 57.2 85.8
63 35.7 29.4 44.0

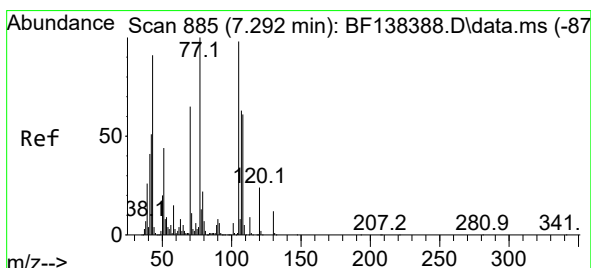
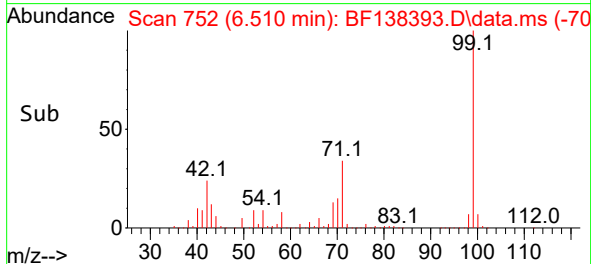
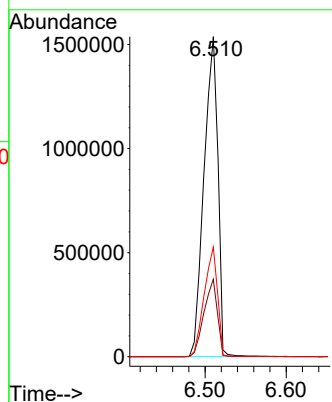
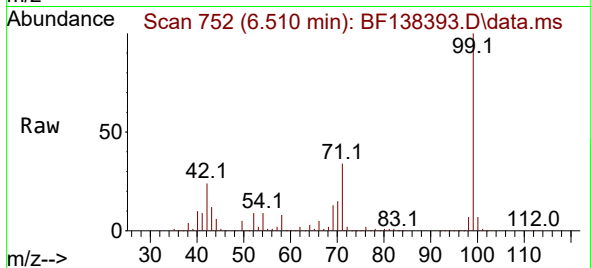




#7
Phenol-d6
Concen: 116.776 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

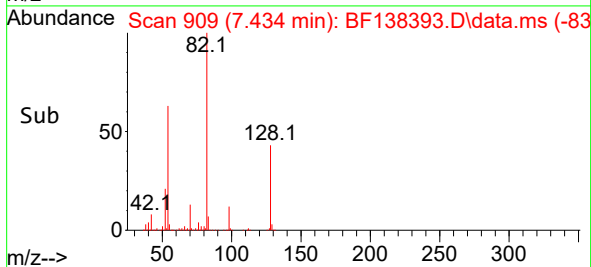
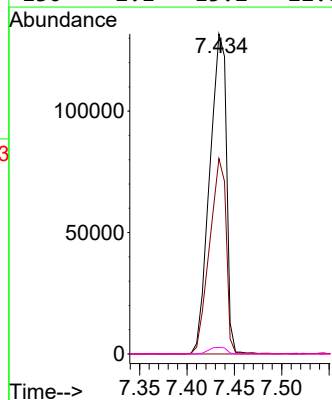
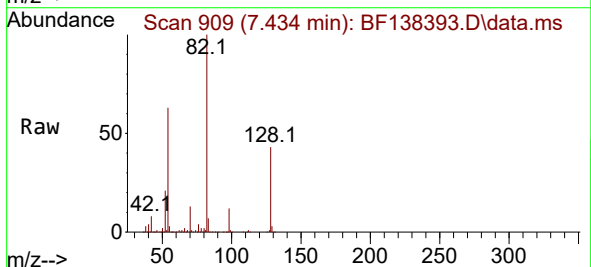
Instrument :
BNA_F
ClientSampleId :
PB161765BL

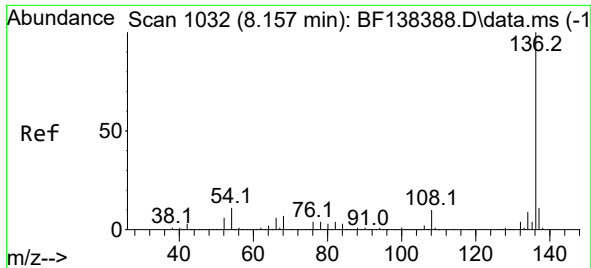
Tgt Ion: 99 Resp: 1822504
Ion Ratio Lower Upper
99 100
42 24.2 18.5 27.7
71 34.2 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.516 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

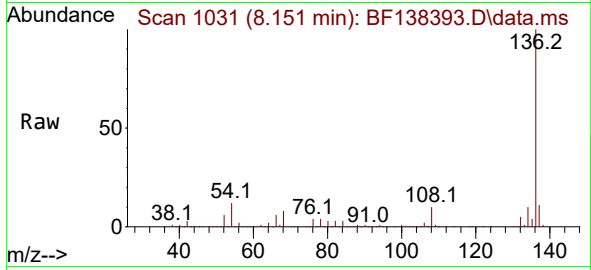
Tgt Ion: 70 Resp: 162494
Ion Ratio Lower Upper
70 100
42 61.1 62.5 93.7#
101 0.0 7.0 10.4#
130 2.1 15.2 22.8#



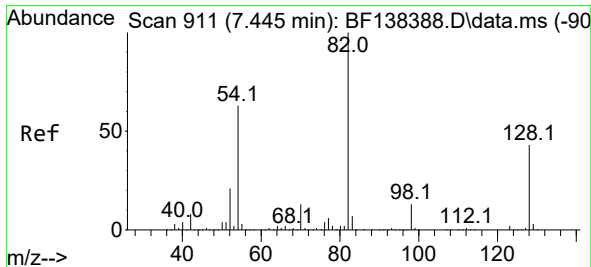
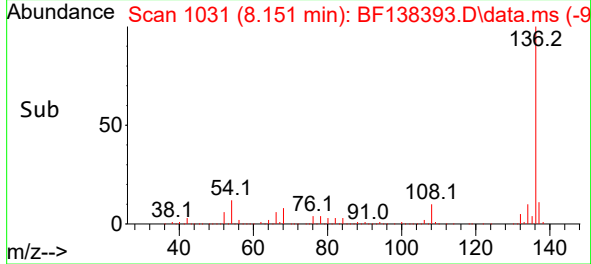
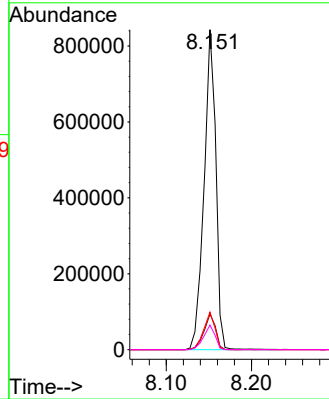


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

Instrument :
BNA_F
ClientSampleId :
PB161765BL

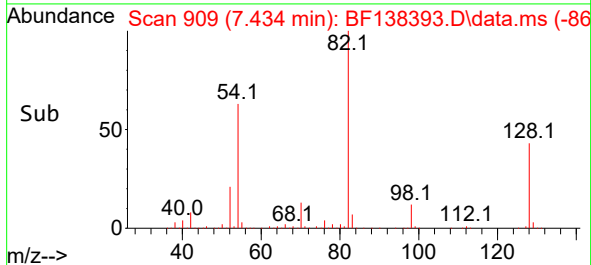
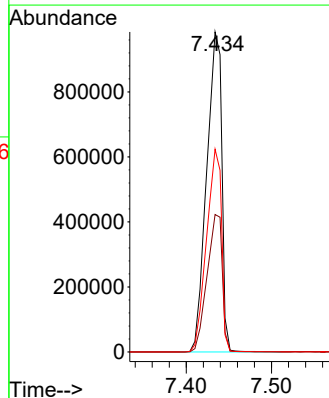
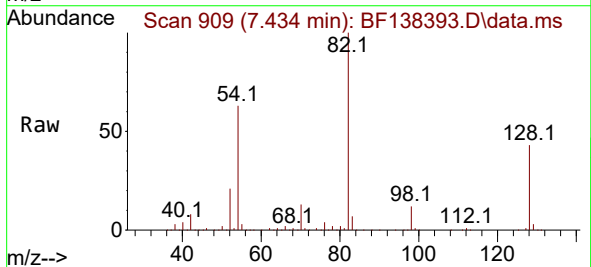


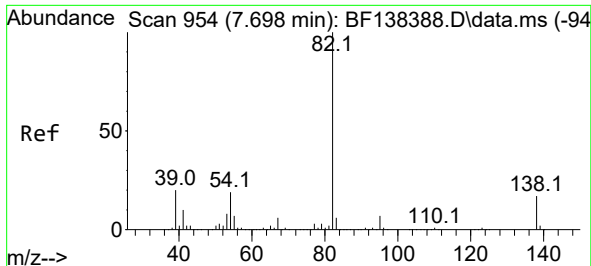
Tgt Ion:136 Resp: 809232
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.8 9.0 13.4
68 7.7 5.4 8.0



#23
Nitrobenzene-d5
Concen: 77.981 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

Tgt Ion: 82 Resp: 1214772
Ion Ratio Lower Upper
82 100
128 43.0 34.6 52.0
54 63.4 50.5 75.7

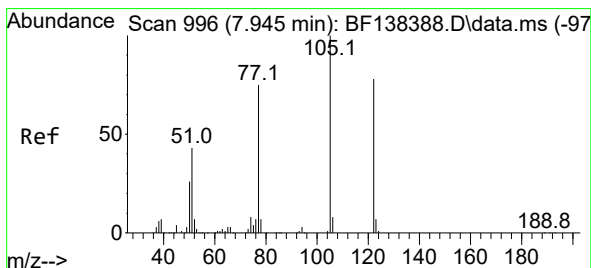
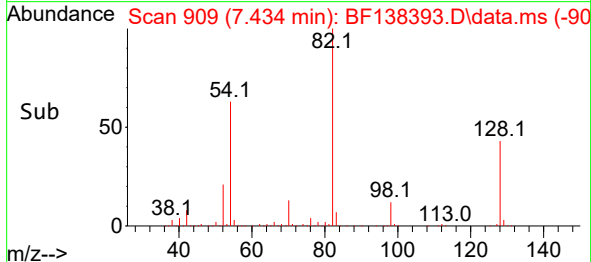
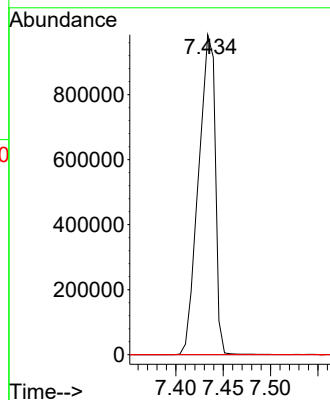
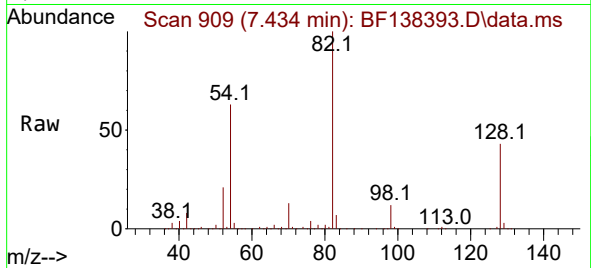




#25
Isophorone
Concen: 42.162 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

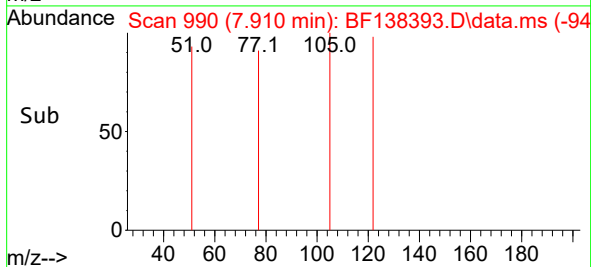
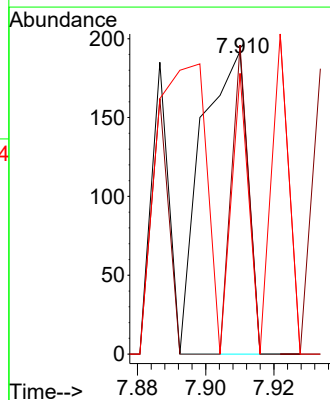
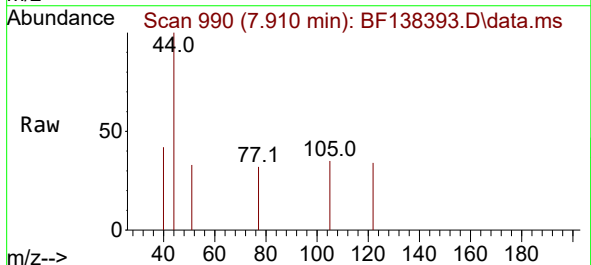
Instrument :
BNA_F
ClientSampleId :
PB161765BL

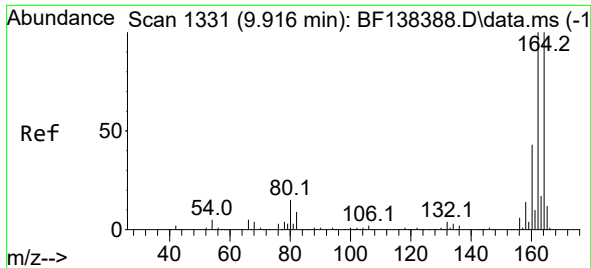
Tgt Ion: 82 Resp: 1211071
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.120 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.035 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

Tgt Ion:122 Resp: 179
Ion Ratio Lower Upper
122 100
105 102.1 103.8 143.8#
77 92.7 74.3 114.3

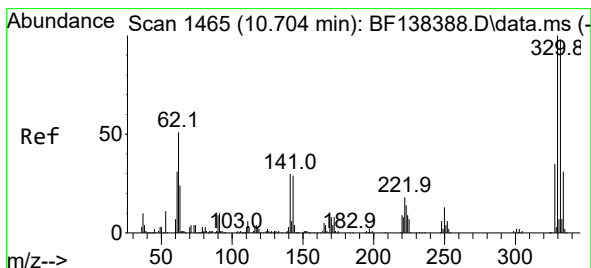
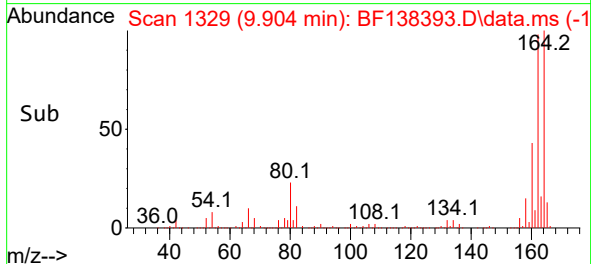
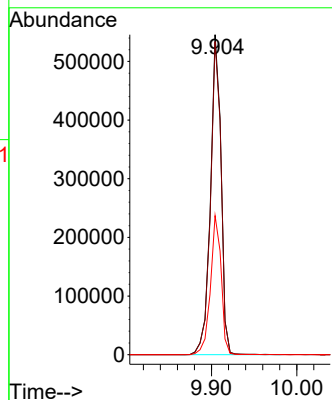
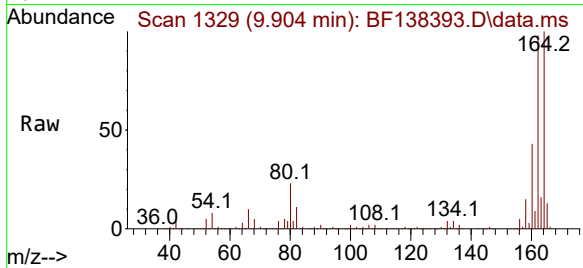




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

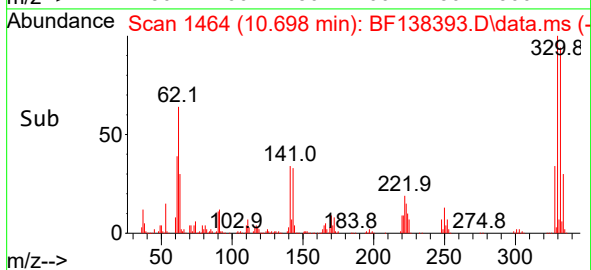
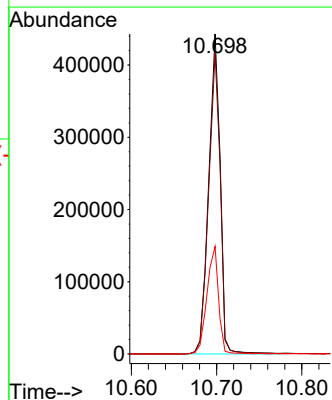
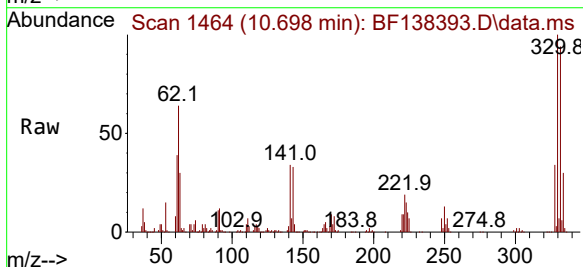
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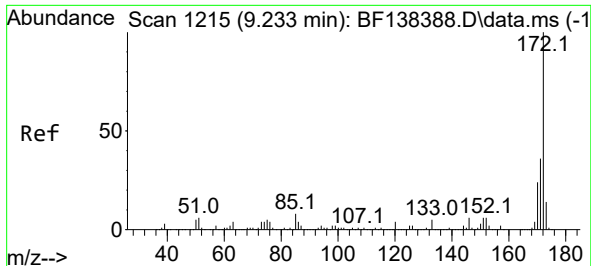
Tgt Ion:164 Resp: 471238
Ion Ratio Lower Upper
164 100
162 97.9 80.1 120.1
160 43.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 107.958 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

Tgt Ion:330 Resp: 415647
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 34.1 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 70.641 ng

RT: 9.234 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF138393.D

Acq: 28 Jun 2024 18:21

Instrument :

BNA_F

ClientSampleId :

PB161765BL

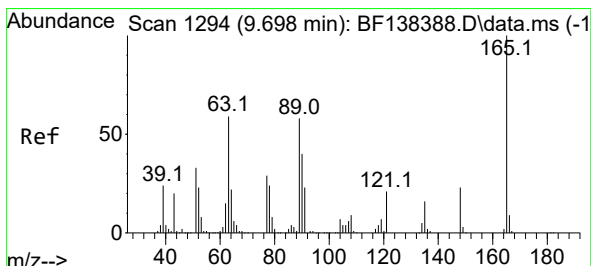
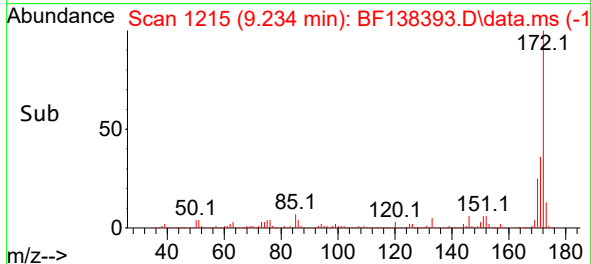
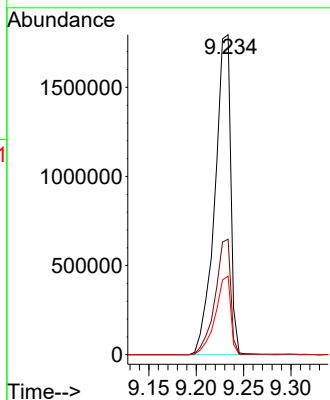
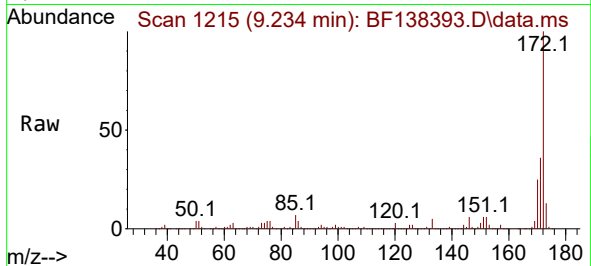
Tgt Ion:172 Resp: 2091709

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 24.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.057 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF138393.D

Acq: 28 Jun 2024 18:21

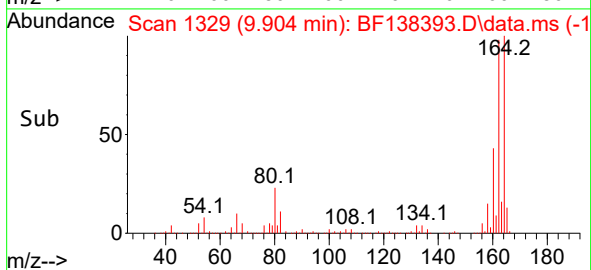
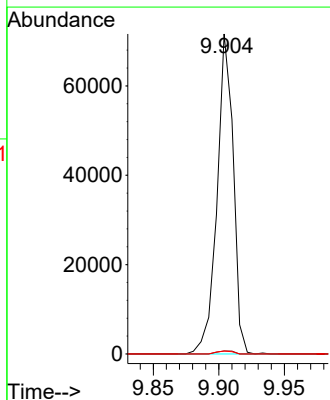
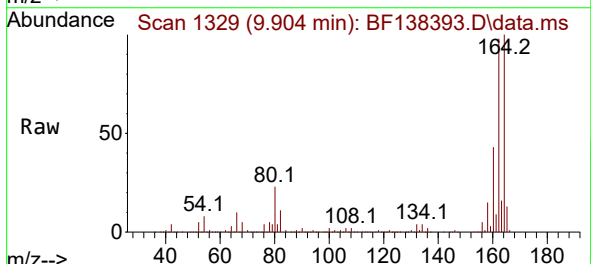
Tgt Ion:165 Resp: 61432

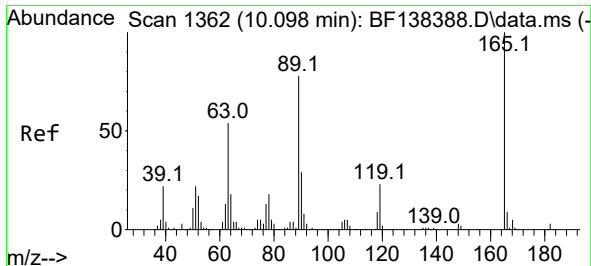
Ion Ratio Lower Upper

165 100

63 1.0 53.8 80.8#

89 0.9 46.4 69.6#

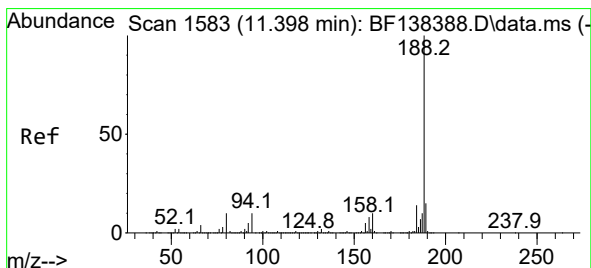
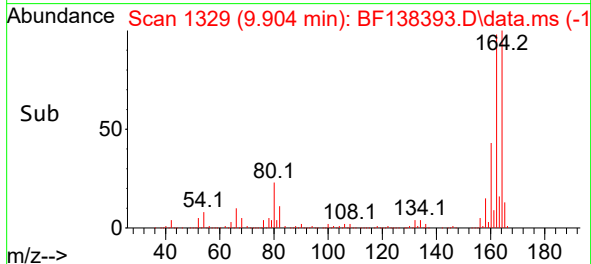
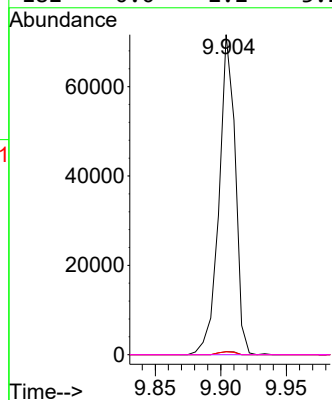
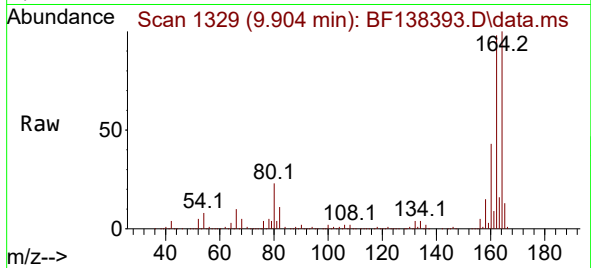




#57
2,4-Dinitrotoluene
Concen: 7.356 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

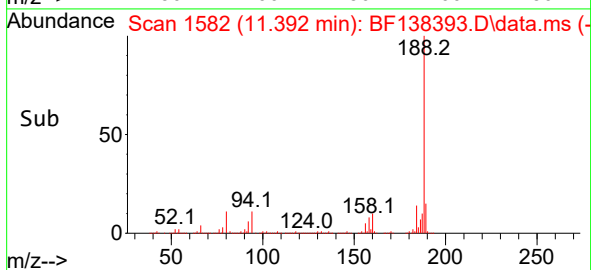
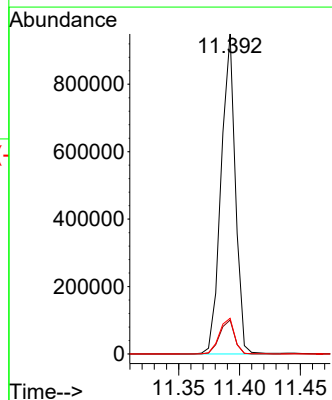
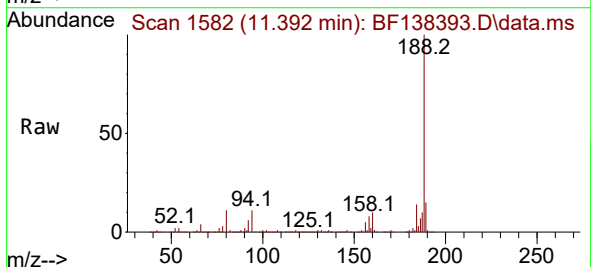
Instrument :
BNA_F
ClientSampleId :
PB161765BL

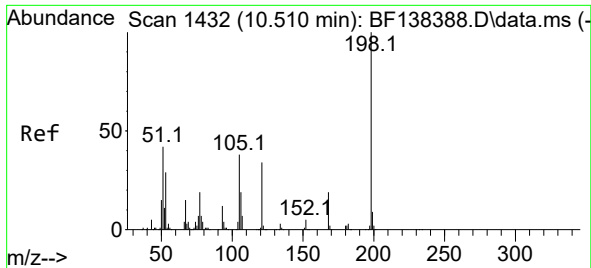
Tgt Ion:165 Resp: 61432
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 0.9 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

Tgt Ion:188 Resp: 777227
Ion Ratio Lower Upper
188 100
94 10.6 8.0 12.0
80 11.1 8.2 12.4

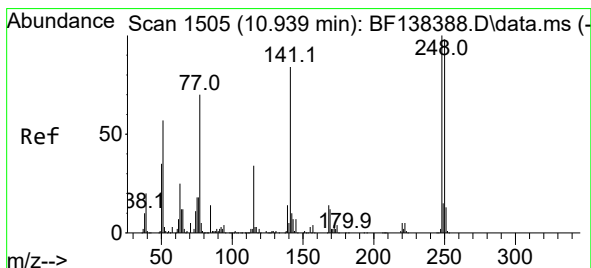
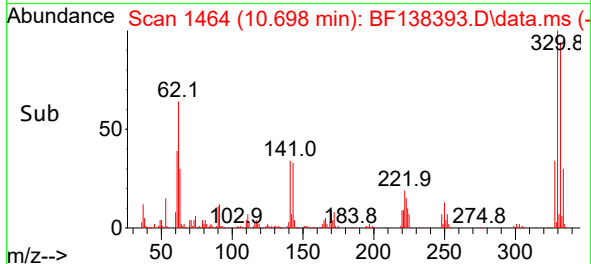
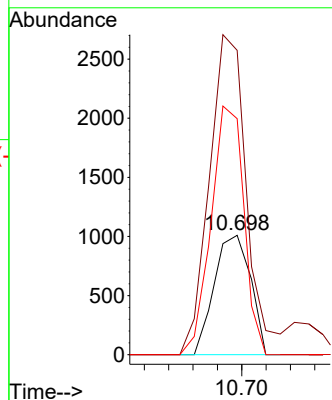
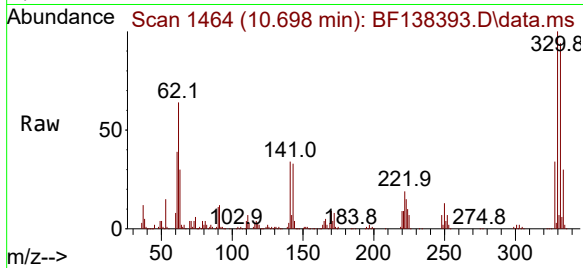




#65
4,6-Dinitro-2-methylphenol
Concen: 6.020 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

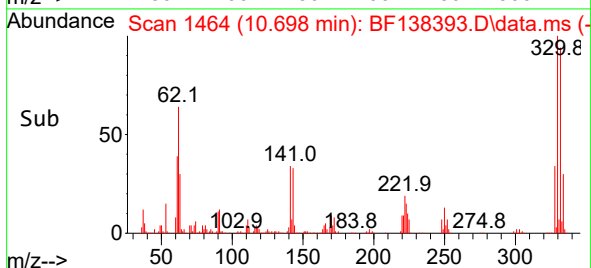
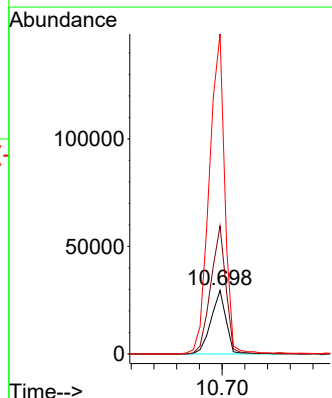
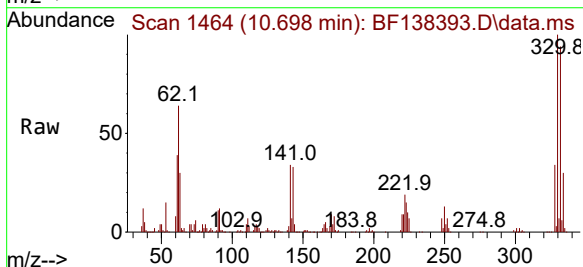
Instrument :
BNA_F
ClientSampleId :
PB161765BL

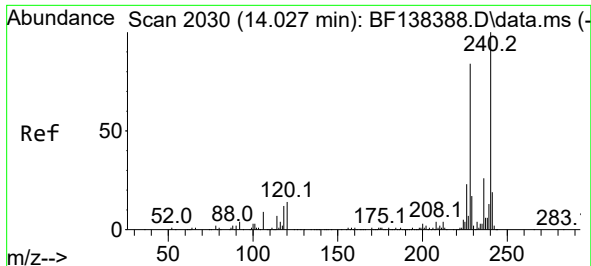
Tgt Ion:198 Resp: 1044
Ion Ratio Lower Upper
198 100
51 254.9 27.9 67.9#
105 197.7 18.2 58.2#



#67
4-Bromophenyl-phenylether
Concen: 3.250 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

Tgt Ion:248 Resp: 27154
Ion Ratio Lower Upper
248 100
250 201.2 78.2 117.4#
141 503.2 67.6 101.4#

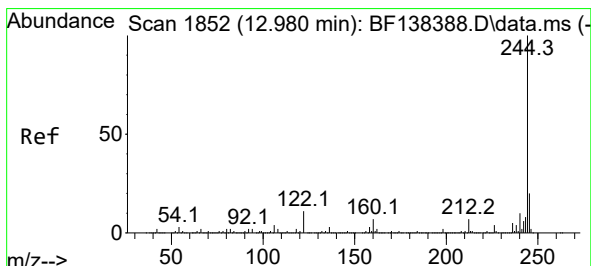
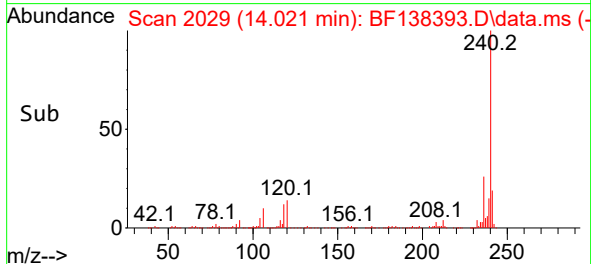
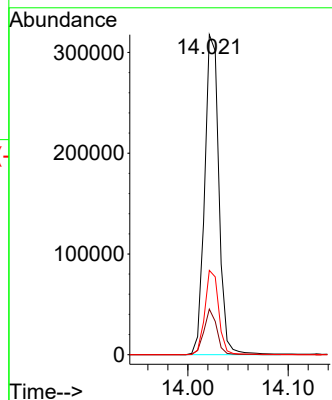
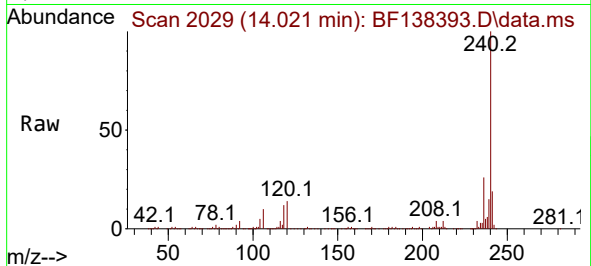




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

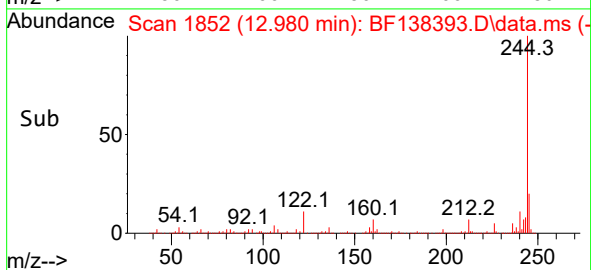
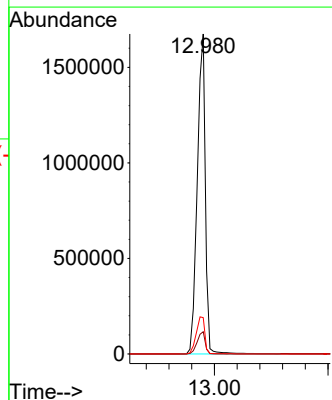
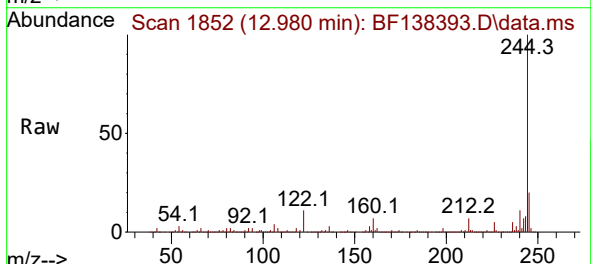
Instrument :
BNA_F
ClientSampleId :
PB161765BL

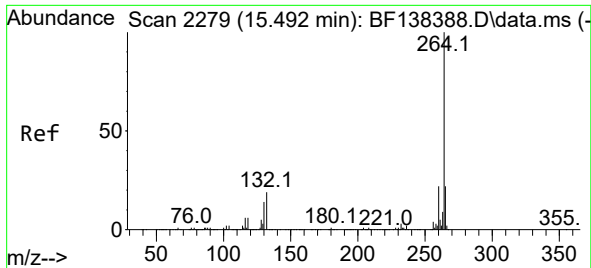
Tgt Ion:240 Resp: 314173
Ion Ratio Lower Upper
240 100
120 14.3 10.9 16.3
236 26.4 20.6 30.8



#79
Terphenyl-d14
Concen: 72.696 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF138393.D
Acq: 28 Jun 2024 18:21

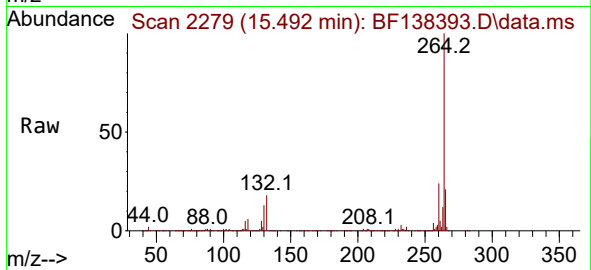
Tgt Ion:244 Resp: 1666587
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138393.D
 Acq: 28 Jun 2024 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB161765BL



Tgt Ion:264 Resp: 298487
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.8 26.6
 265 21.4 17.5 26.3

