

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138271.D
 Acq On : 20 Jun 2024 19:42
 Operator : CG\JU
 Sample : P2956-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-01-202406

Quant Time: Jun 21 01:19:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

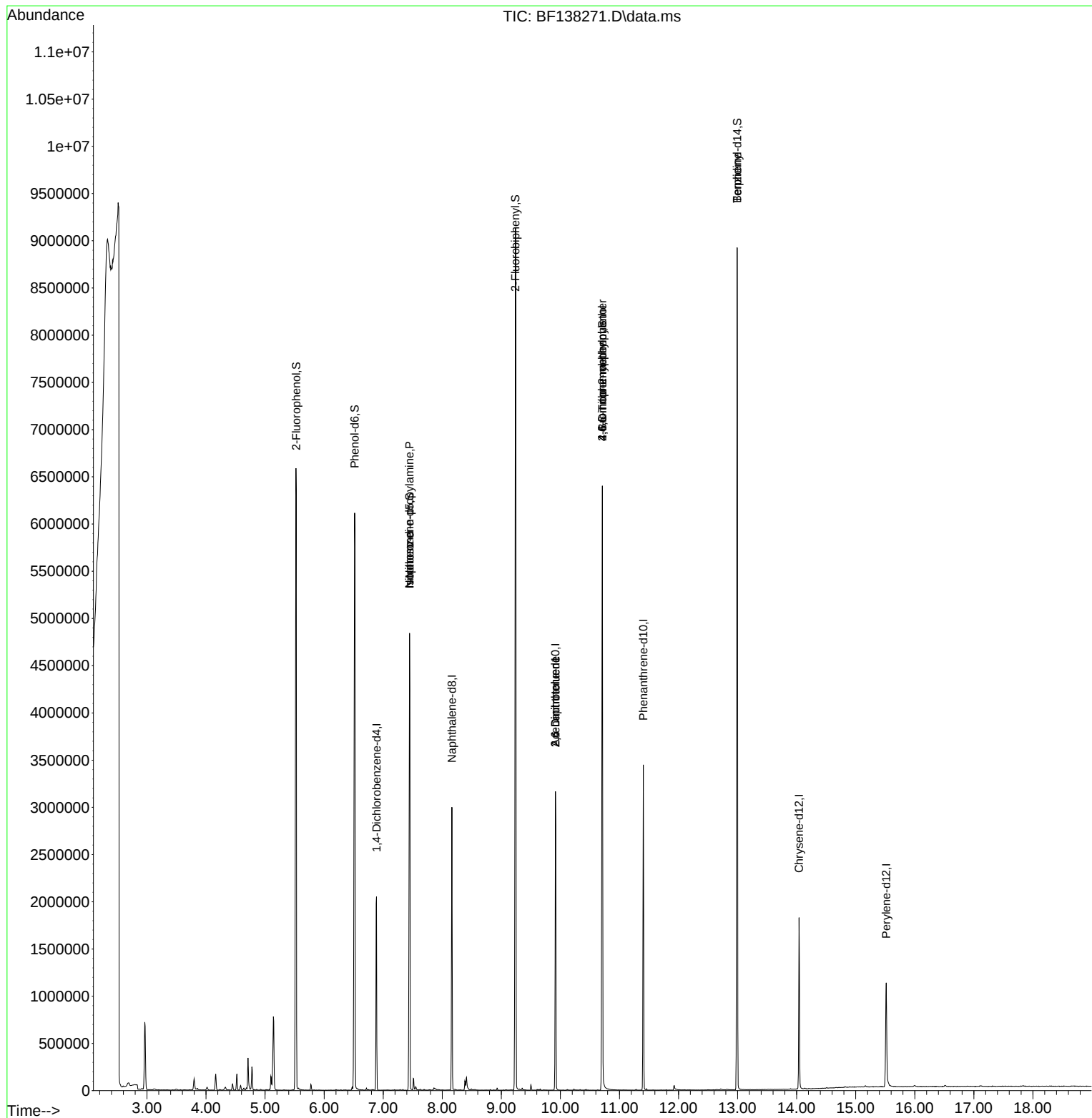
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	311845	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1222505	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	699266	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1165067	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	587932	20.000	ng	-0.01
86) Perylene-d12	15.515	264	588337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2309984	123.914	ng	0.02
7) Phenol-d6	6.516	99	2817986	119.212	ng	0.00
23) Nitrobenzene-d5	7.445	82	1797194	85.583	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	911637	130.957	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3322131	75.546	ng	-0.01
79) Terphenyl-d14	12.992	244	3456369	93.111	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	240115	17.137	ng	# 77
25) Isophorone	7.445	82	1793670	47.222	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	92359	9.937	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	92359	8.056	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	2008	7.224	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	58742	4.474	ng	# 1
77) Benzidine	12.992	184	44331	6.519	ng	# 95

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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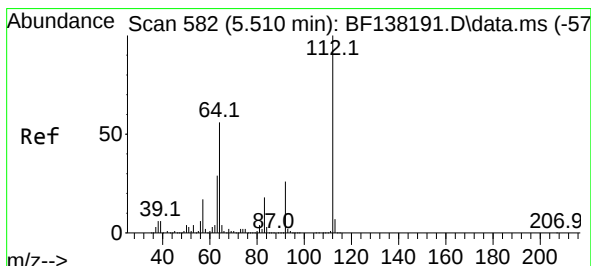
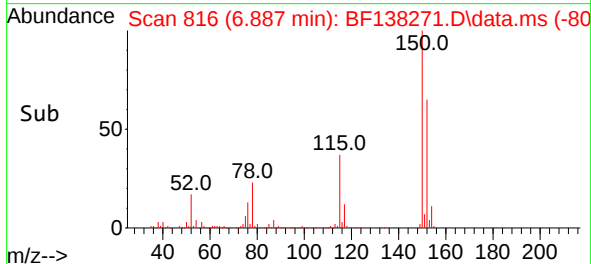
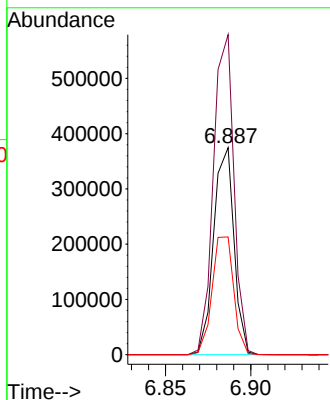
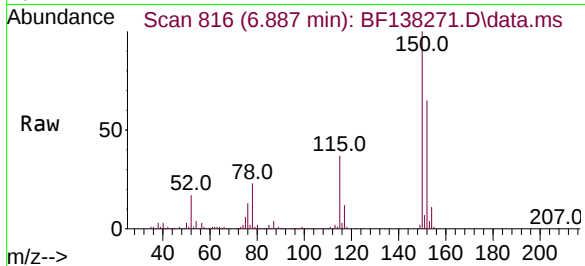




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

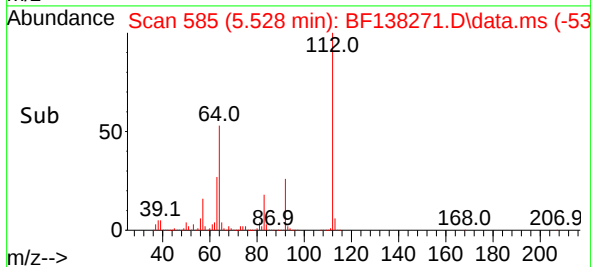
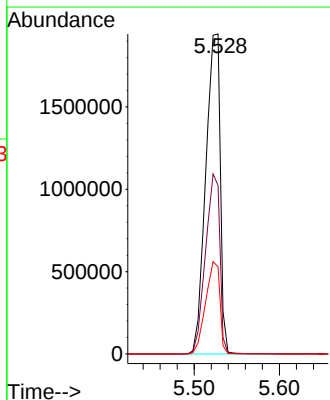
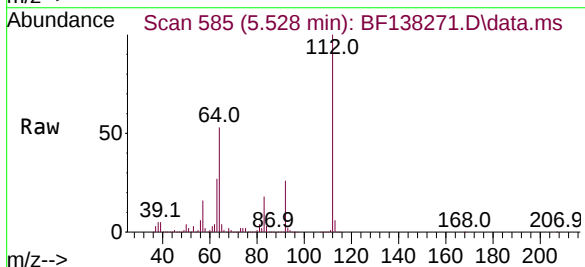
Instrument :
BNA_F
ClientSampleId :
WC-S-01-202406

Tgt Ion:152 Resp: 311845
Ion Ratio Lower Upper
152 100
150 154.6 125.0 187.4
115 56.9 48.4 72.6



#5
2-Fluorophenol
Concen: 123.914 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

Tgt Ion:112 Resp: 2309984
Ion Ratio Lower Upper
112 100
64 52.6 45.2 67.8
63 27.2 22.9 34.3

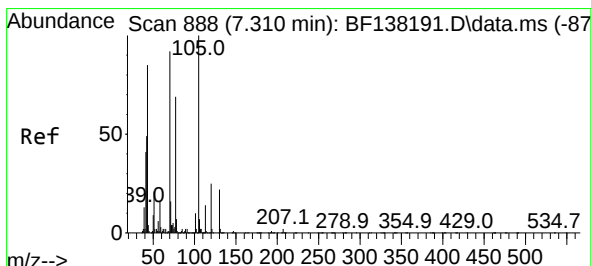
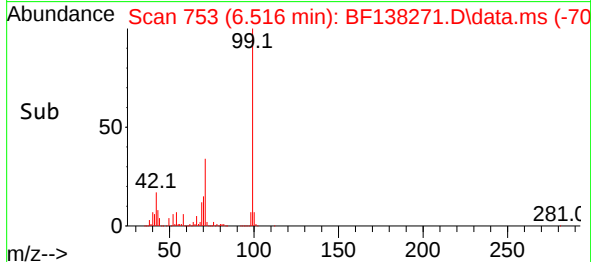
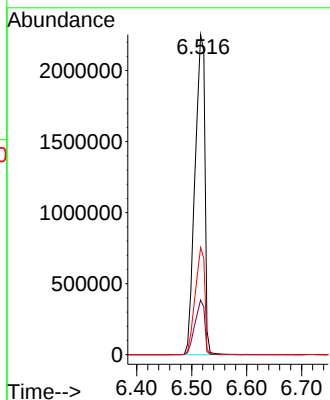
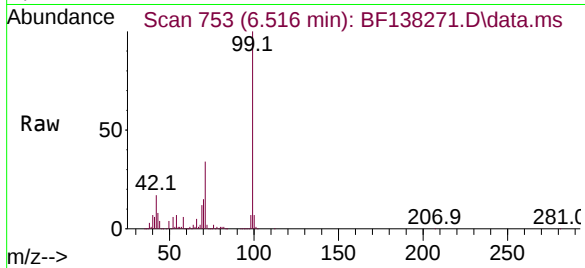




#7
Phenol-d6
Concen: 119.212 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

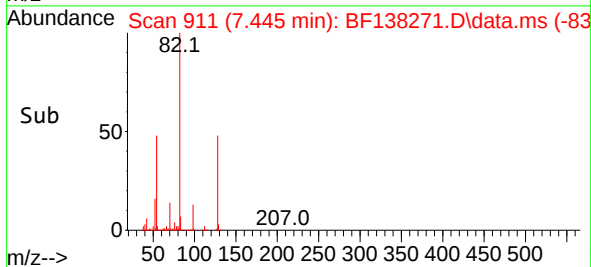
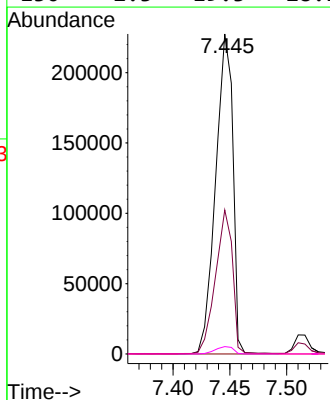
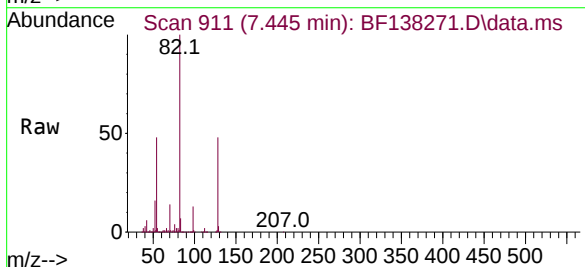
Instrument :
BNA_F
ClientSampleId :
WC-S-01-202406

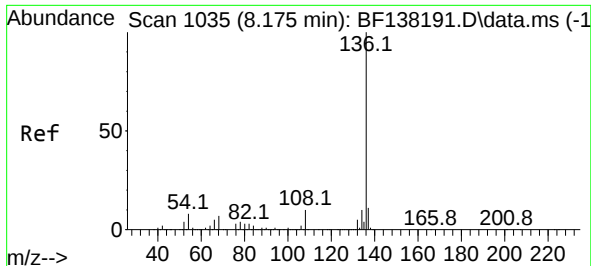
Tgt Ion: 99 Resp: 2817986
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 33.5 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.137 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

Tgt Ion: 70 Resp: 240115
Ion Ratio Lower Upper
70 100
42 45.0 42.8 64.2
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#

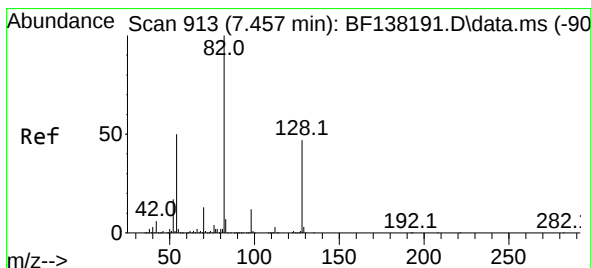
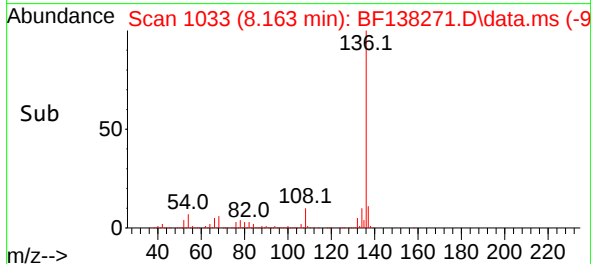
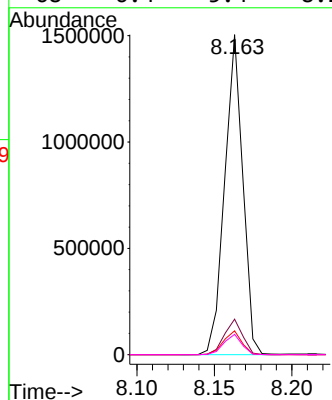
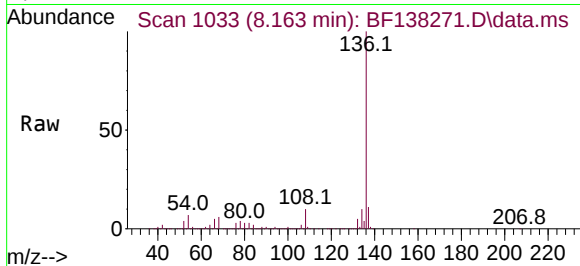




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

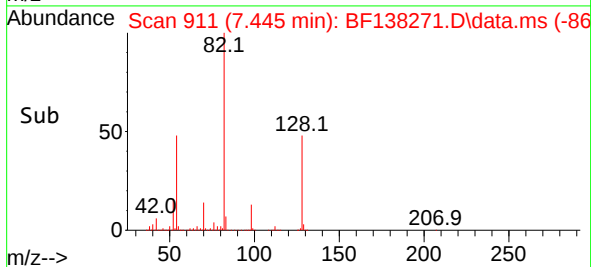
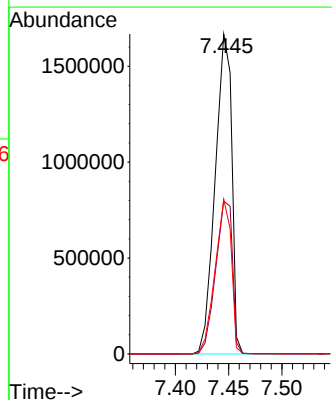
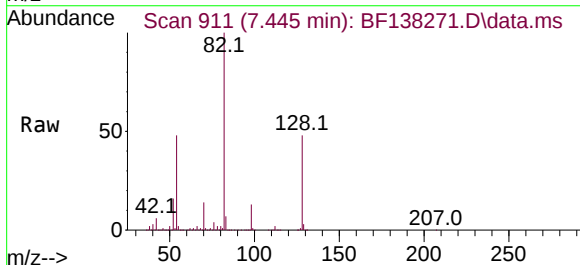
Instrument :
BNA_F
ClientSampleId :
WC-S-01-202406

Tgt Ion:136 Resp: 1222505
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.4 6.6 10.0
68 6.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 85.583 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

Tgt Ion: 82 Resp: 1797194
Ion Ratio Lower Upper
82 100
128 47.7 37.2 55.8
54 48.4 39.8 59.6

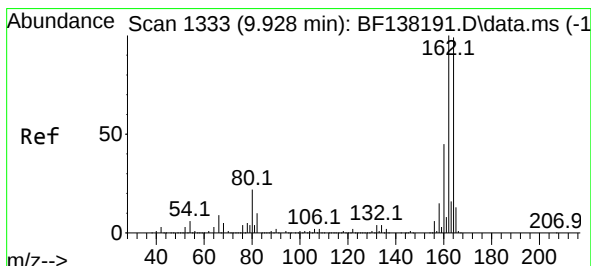
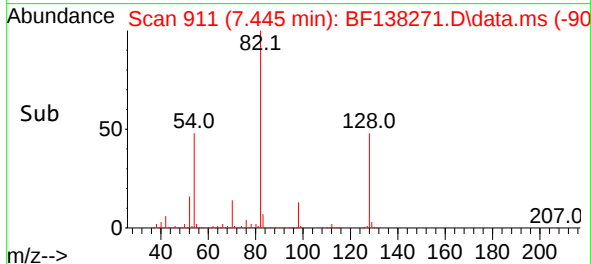
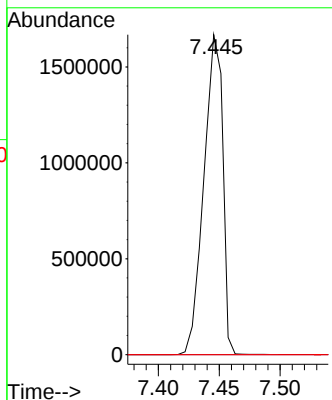
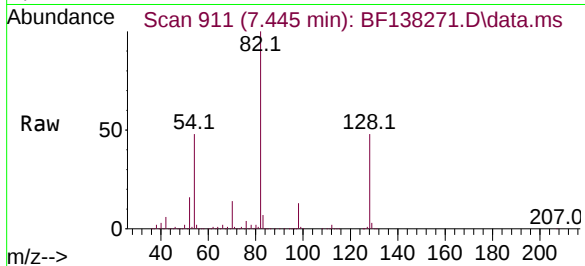




#25
Isophorone
Concen: 47.222 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

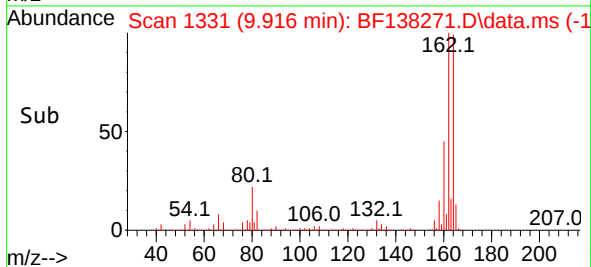
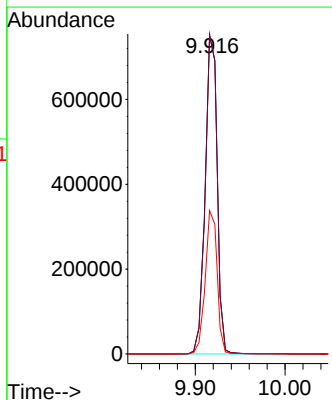
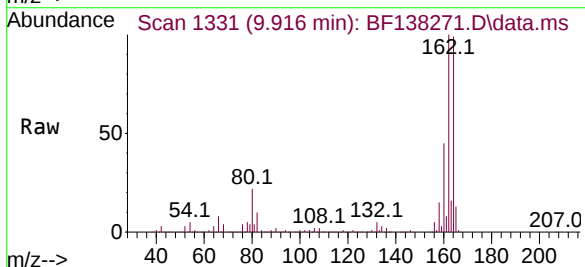
Instrument :
BNA_F
ClientSampleId :
WC-S-01-202406

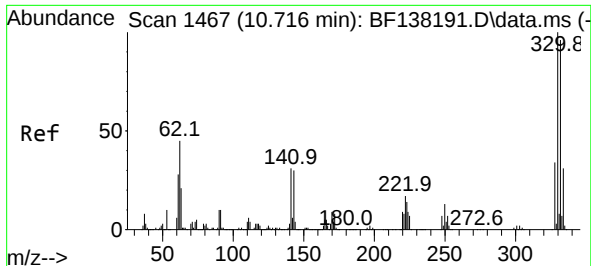
Tgt Ion: 82 Resp: 1793670
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

Tgt Ion: 164 Resp: 699266
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 45.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 130.957 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138271.D

Acq: 20 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

WC-S-01-202406

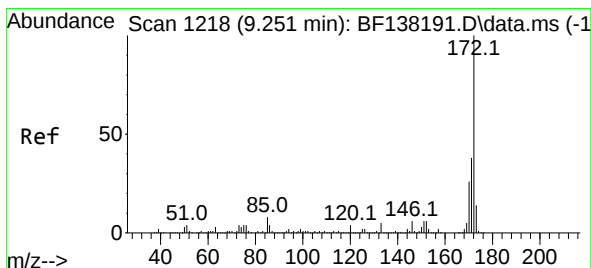
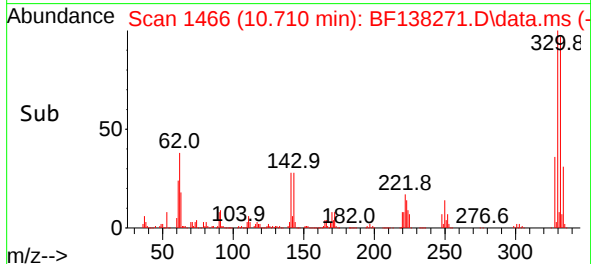
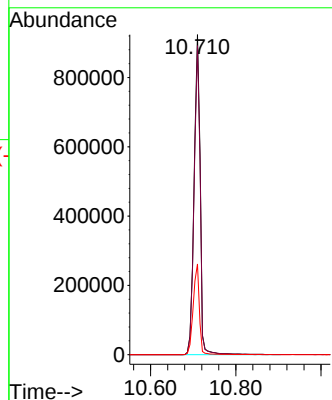
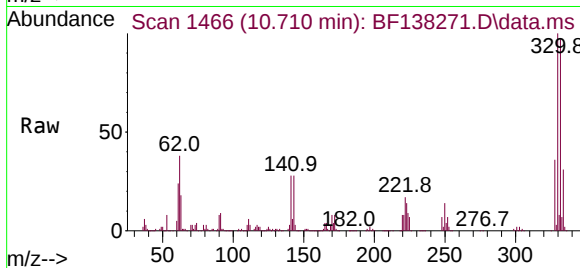
Tgt Ion:330 Resp: 911637

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

141 28.6 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 75.546 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138271.D

Acq: 20 Jun 2024 19:42

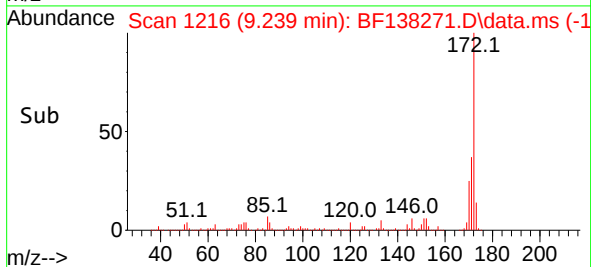
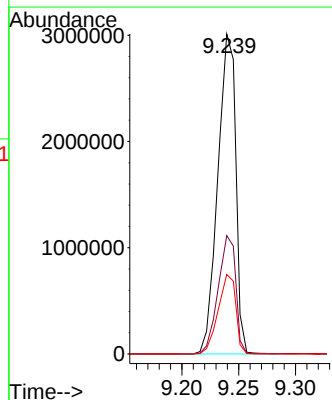
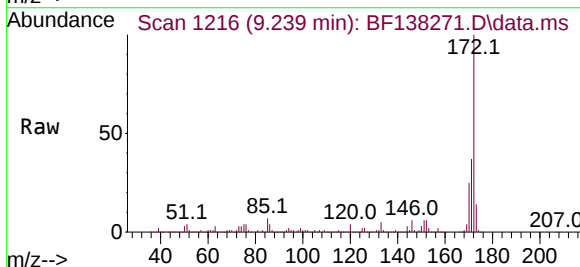
Tgt Ion:172 Resp: 3322131

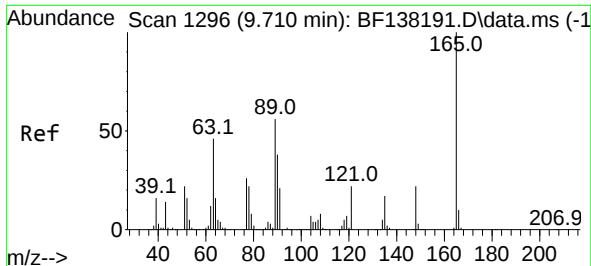
Ion Ratio Lower Upper

172 100

171 37.0 30.3 45.5

170 24.8 20.6 30.8





#51

2,6-Dinitrotoluene

Concen: 9.937 ng

RT: 9.916 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF138271.D

Acq: 20 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

WC-S-01-202406

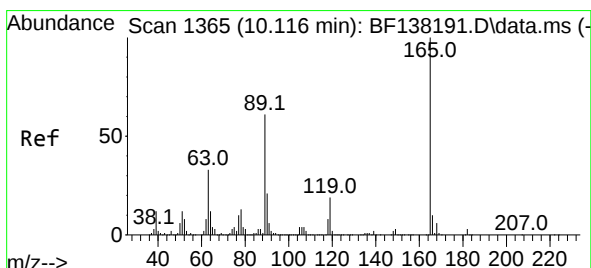
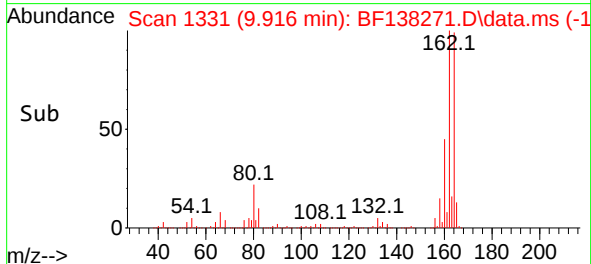
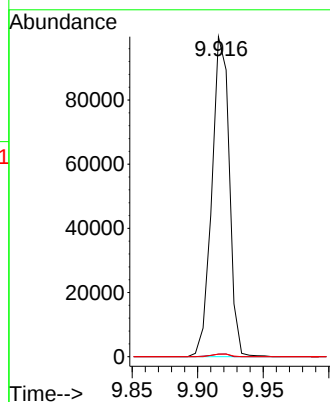
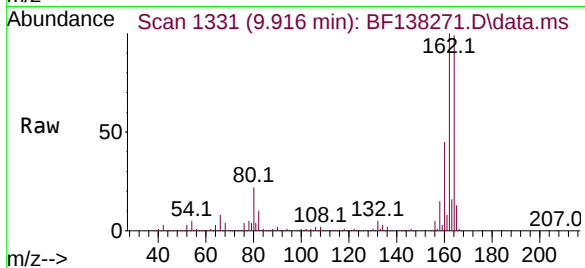
Tgt Ion:165 Resp: 92359

Ion Ratio Lower Upper

165 100

63 0.8 43.7 65.5#

89 0.8 44.9 67.3#



#57

2,4-Dinitrotoluene

Concen: 8.056 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.200 min

Lab File: BF138271.D

Acq: 20 Jun 2024 19:42

Tgt Ion:165 Resp: 92359

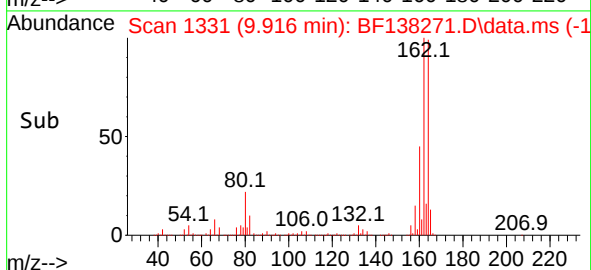
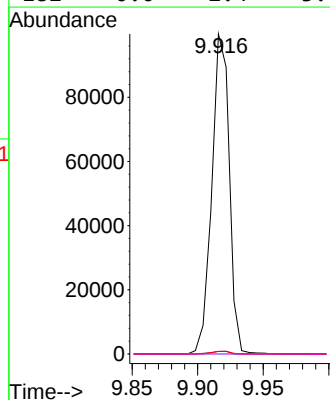
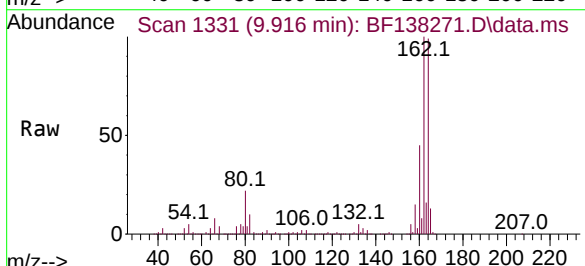
Ion Ratio Lower Upper

165 100

63 0.8 26.6 39.8#

89 0.8 48.7 73.1#

182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138271.D

Acq: 20 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

WC-S-01-202406

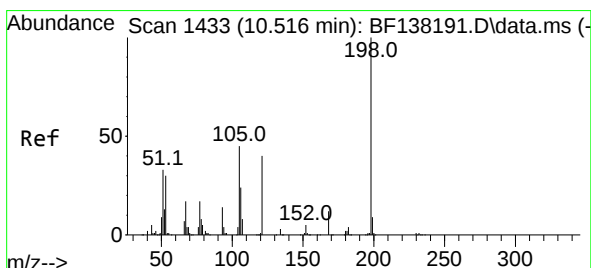
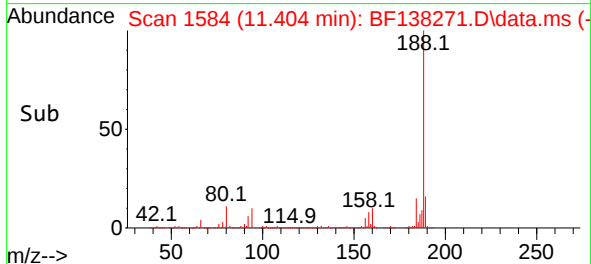
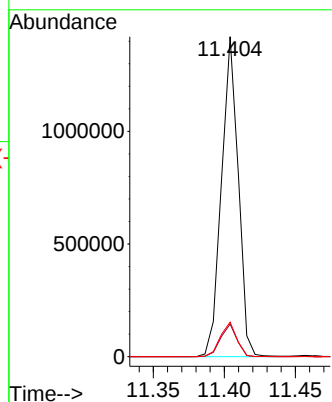
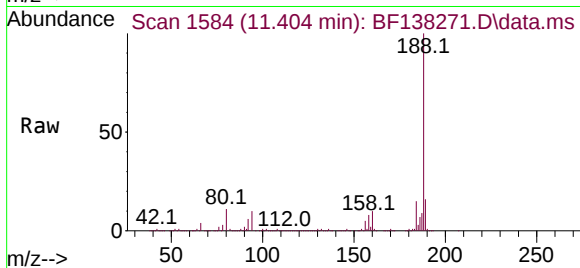
Tgt Ion:188 Resp: 1165067

Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 10.8 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.224 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138271.D

Acq: 20 Jun 2024 19:42

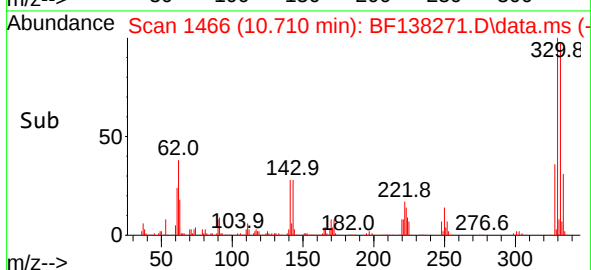
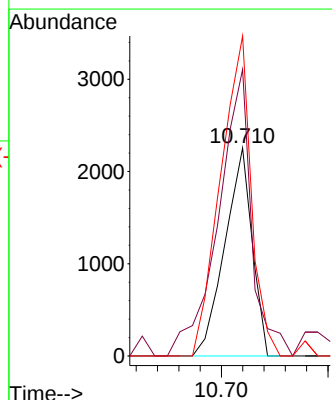
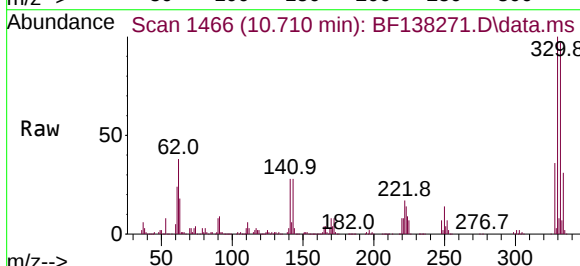
Tgt Ion:198 Resp: 2008

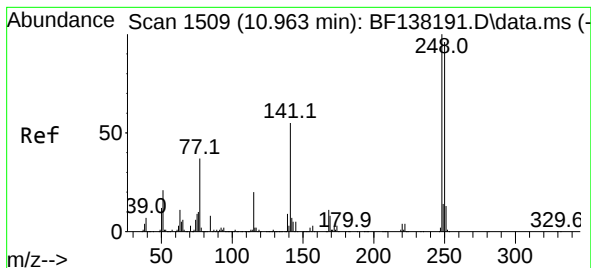
Ion Ratio Lower Upper

198 100

51 137.8 26.9 66.9#

105 153.8 26.0 66.0#

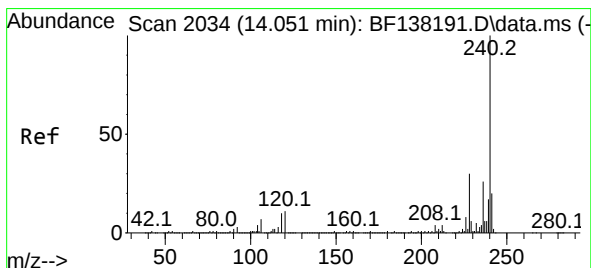
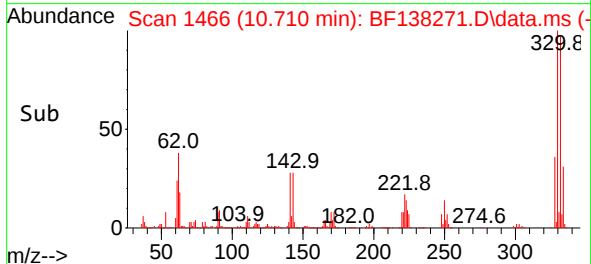
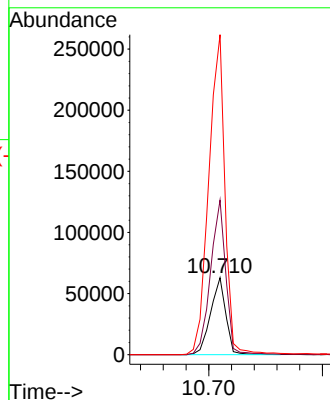
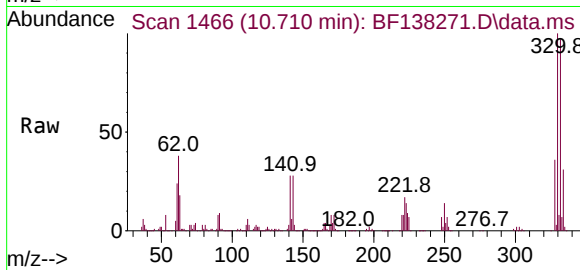




#67
4-Bromophenyl-phenylether
Concen: 4.474 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

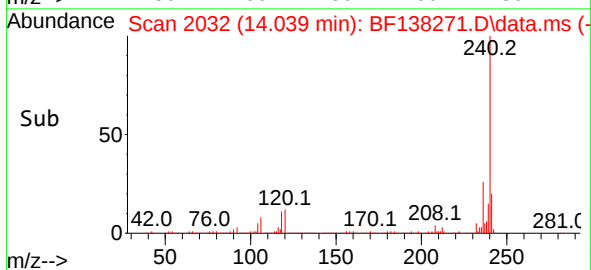
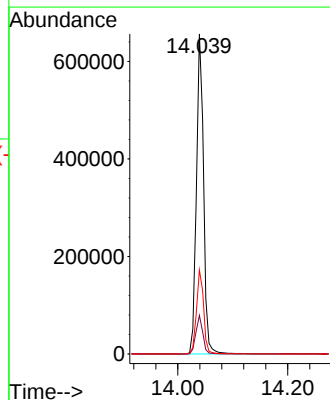
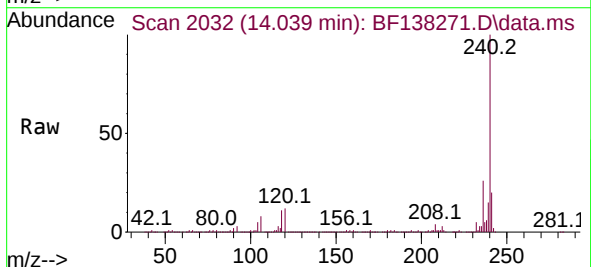
Instrument :
BNA_F
ClientSampleId :
WC-S-01-202406

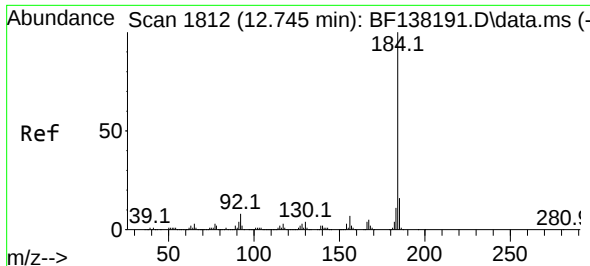
Tgt Ion:248 Resp: 58742
Ion Ratio Lower Upper
248 100
250 200.7 77.2 115.8#
141 415.3 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

Tgt Ion:240 Resp: 587932
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.3 21.0 31.6

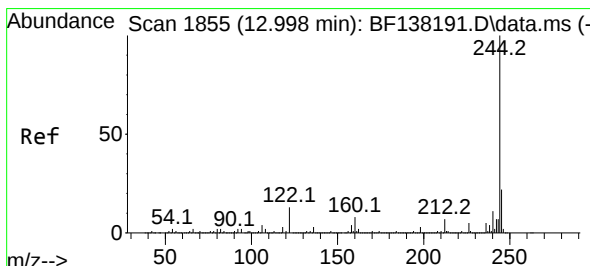
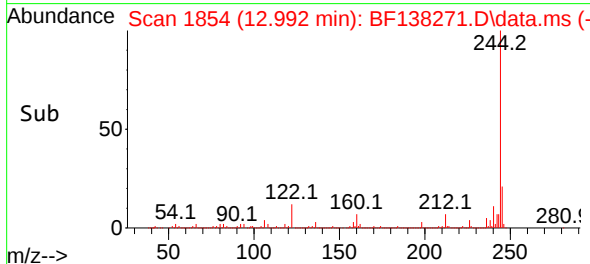
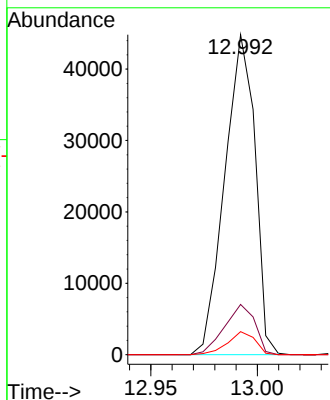
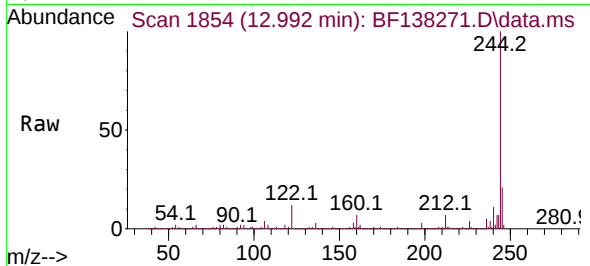




#77
Benzidine
Concen: 6.519 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.247 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

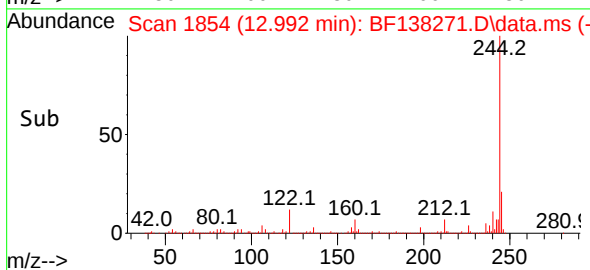
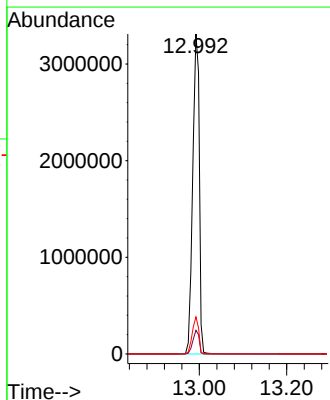
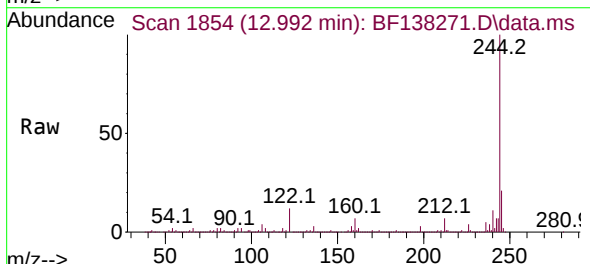
Instrument :
BNA_F
ClientSampleId :
WC-S-01-202406

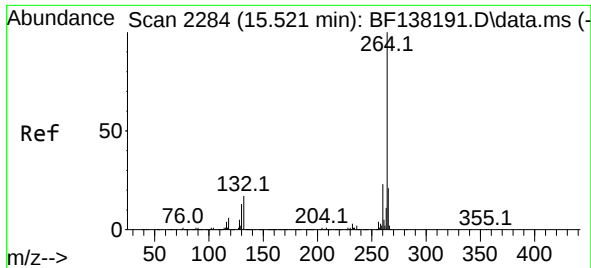
Tgt Ion:184 Resp: 44331
Ion Ratio Lower Upper
184 100
185 15.7 12.6 19.0
183 7.2 9.0 13.6#



#79
Terphenyl-d14
Concen: 93.111 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

Tgt Ion:244 Resp: 3456369
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 11.6 10.6 15.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138271.D
Acq: 20 Jun 2024 19:42

Instrument :
BNA_F
ClientSampleId :
WC-S-01-202406

Tgt Ion:264 Resp: 588337

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.4	17.0	25.6

