

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138922.D
 Acq On : 10 Aug 2024 21:25
 Operator : RC/JU
 Sample : P3476-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 919-J-WS-080224

Quant Time: Aug 12 01:20:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

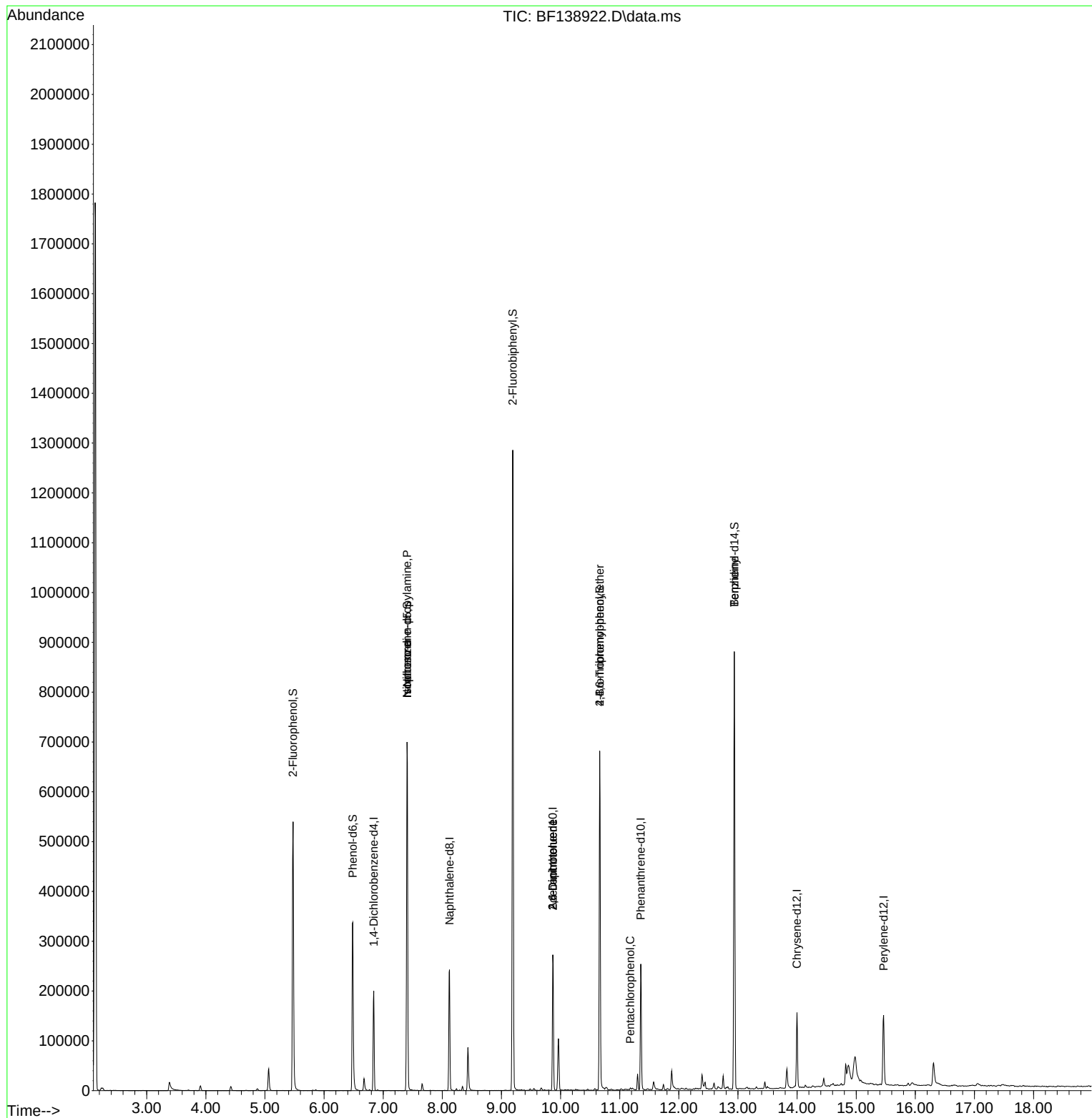
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	37654	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	147641	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	79728	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	124633	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	68405	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	79740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	181837	74.545	ng	0.00
7) Phenol-d6	6.487	99	154533	47.186	ng	0.00
23) Nitrobenzene-d5	7.404	82	303638	100.550	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	96865	148.320	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	526889	99.294	ng	-0.01
79) Terphenyl-d14	12.939	244	405048	99.139	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	42571	21.522	ng	# 78
25) Isophorone	7.404	82	301400	58.452	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10064	8.747	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10064	6.856	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7541	5.588	ng	# 1
70) Pentachlorophenol	11.180	266	1275	2.030	ng	91
77) Benzidine	12.939	184	5684	3.474	ng	# 91

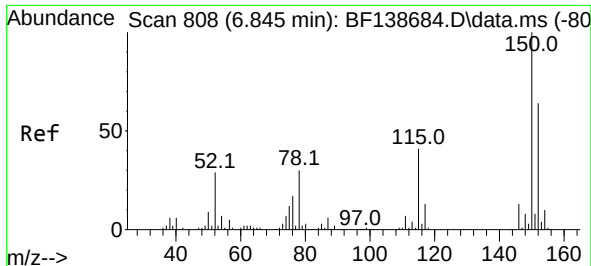
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138922.D
Acq On : 10 Aug 2024 21:25
Operator : RC/JU
Sample : P3476-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
919-J-WS-080224

Quant Time: Aug 12 01:20:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

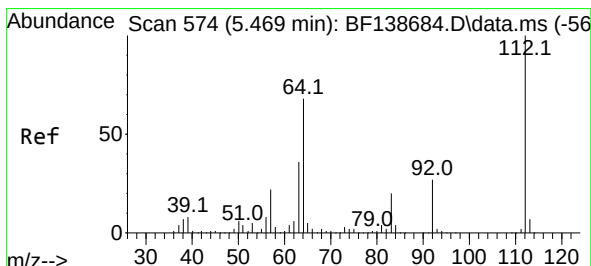
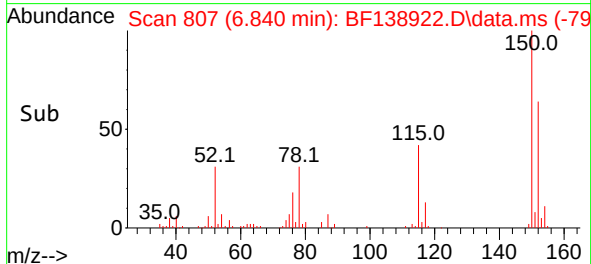
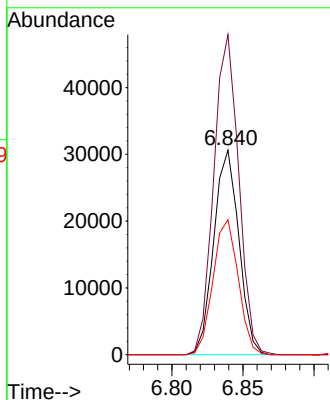
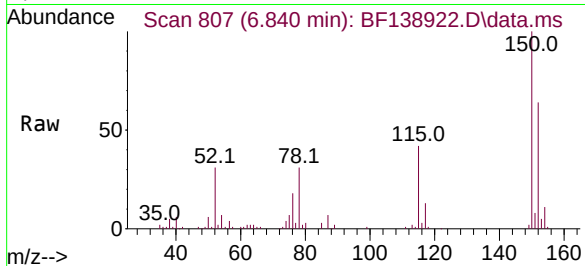




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

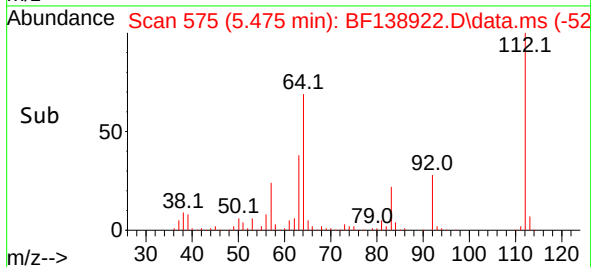
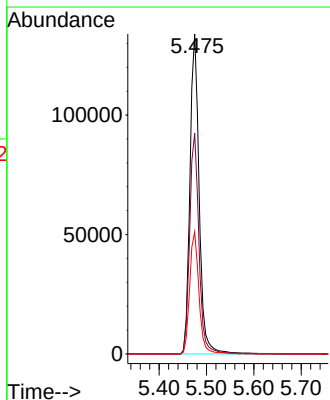
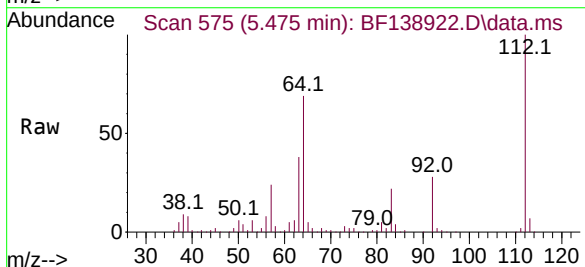
Instrument :
BNA_F
ClientSampleId :
919-J-WS-080224

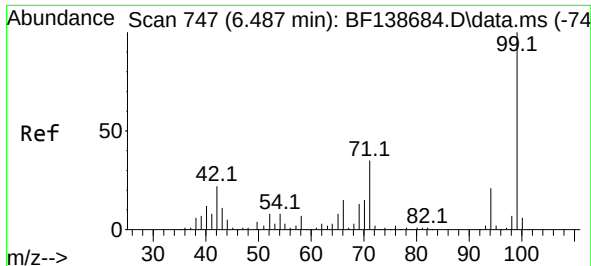
Tgt Ion:152 Resp: 37654
Ion Ratio Lower Upper
152 100
150 156.5 126.0 189.0
115 66.1 51.7 77.5



#5
2-Fluorophenol
Concen: 74.545 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

Tgt Ion:112 Resp: 181837
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 38.2 28.7 43.1

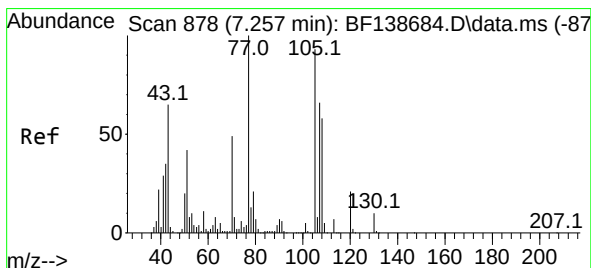
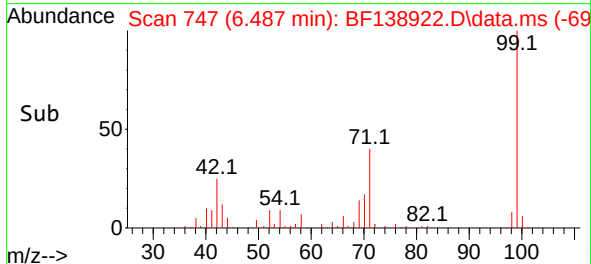
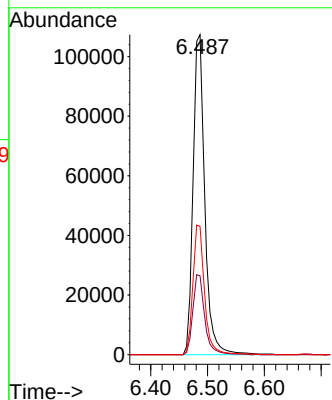
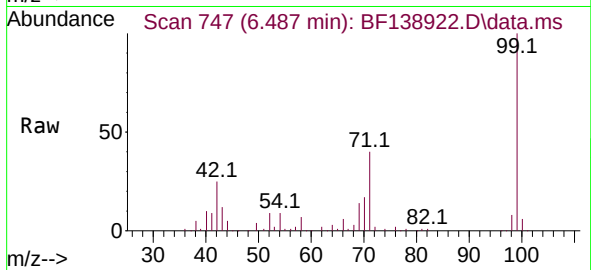




#7
Phenol-d6
Concen: 47.186 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

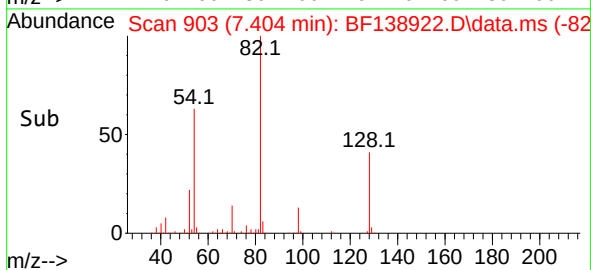
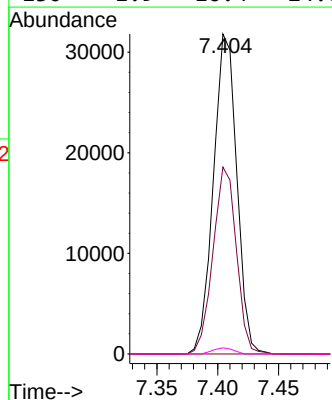
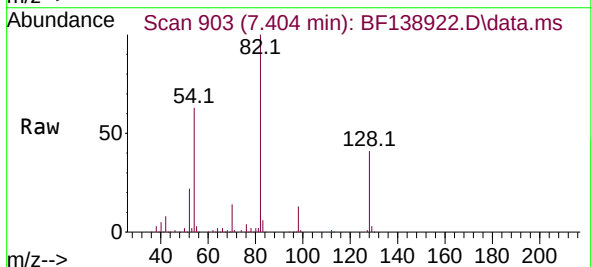
Instrument :
BNA_F
ClientSampleId :
919-J-WS-080224

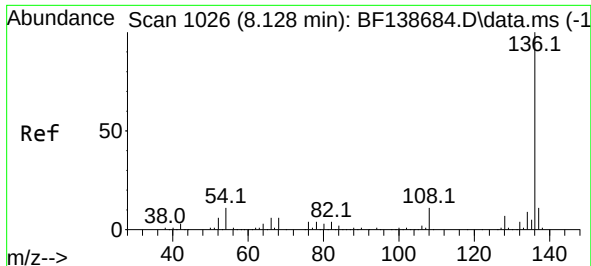
Tgt Ion: 99 Resp: 154533
Ion Ratio Lower Upper
99 100
42 24.6 17.4 26.0
71 40.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.522 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

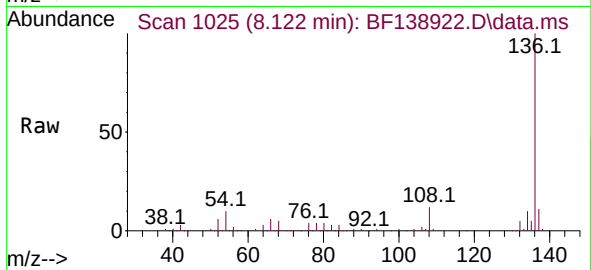
Tgt Ion: 70 Resp: 42571
Ion Ratio Lower Upper
70 100
42 58.4 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



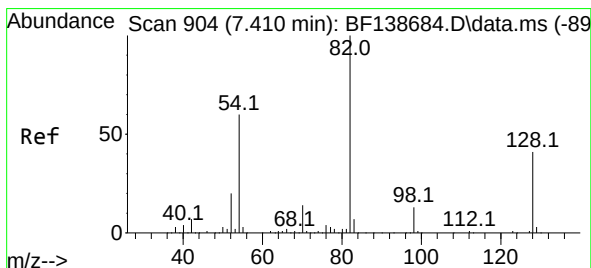
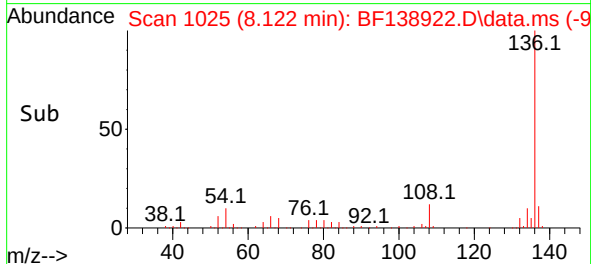
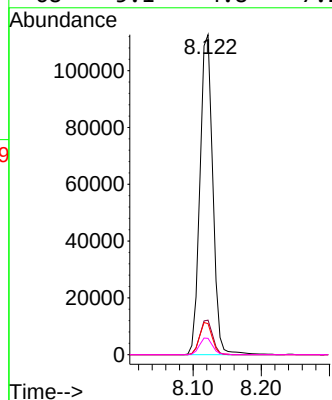


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

Instrument :
BNA_F
ClientSampleId :
919-J-WS-080224

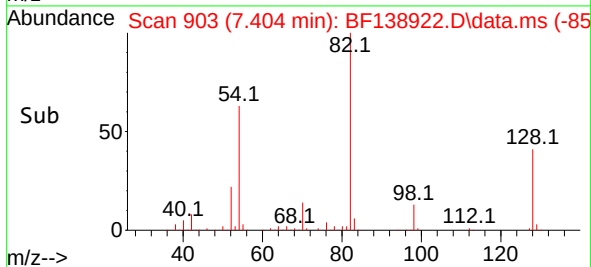
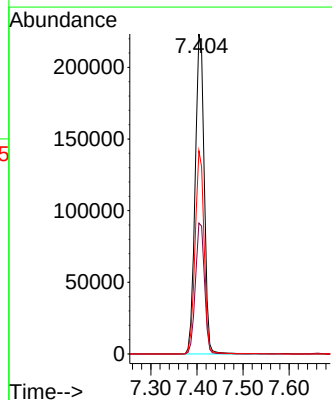
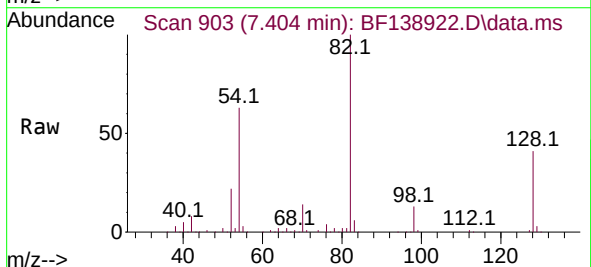


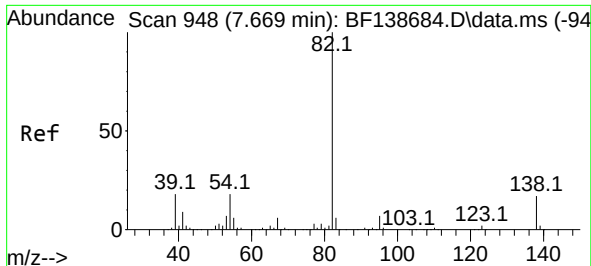
Tgt Ion:136 Resp: 147641
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.7 8.6 12.8
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 100.550 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

Tgt Ion: 82 Resp: 303638
Ion Ratio Lower Upper
82 100
128 40.9 32.8 49.2
54 63.5 48.3 72.5

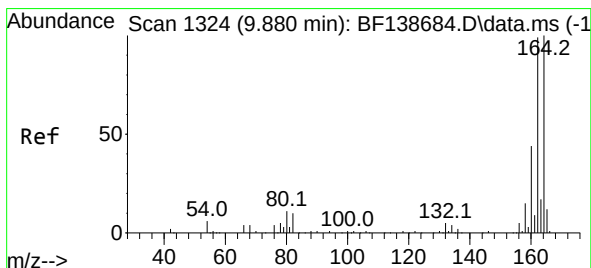
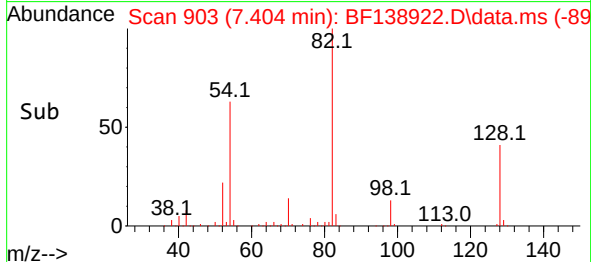
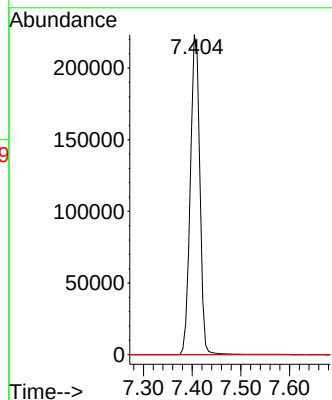
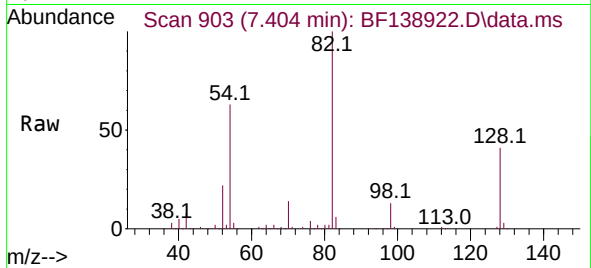




#25
Isophorone
Concen: 58.452 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

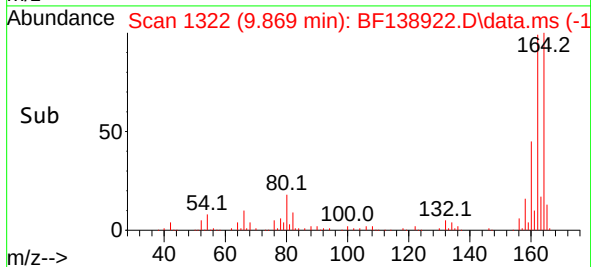
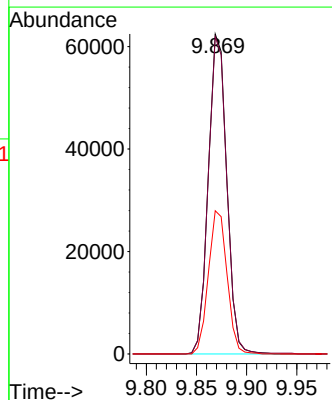
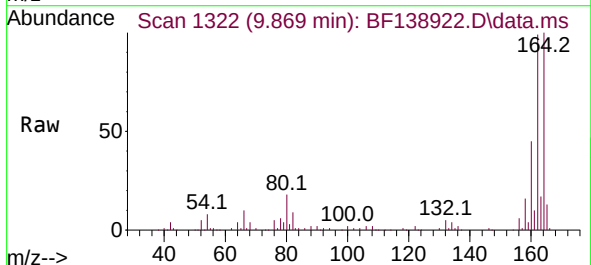
Instrument :
BNA_F
ClientSampleId :
919-J-WS-080224

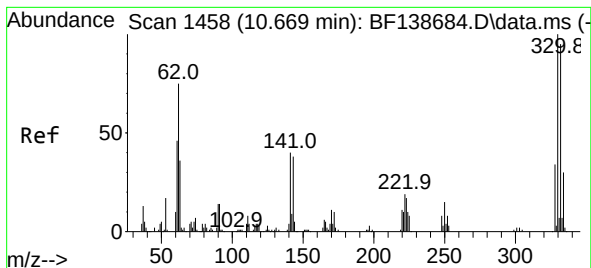
Tgt Ion: 82 Resp: 301400
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

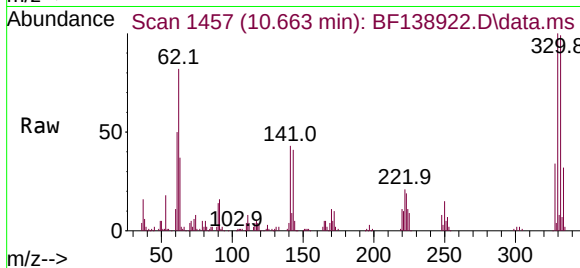
Tgt Ion: 164 Resp: 79728
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.0
160 44.7 35.1 52.7



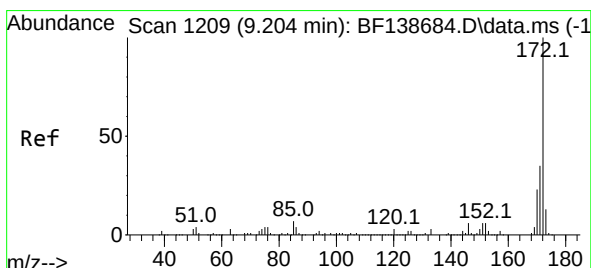
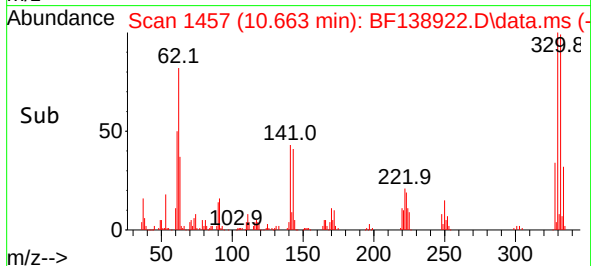
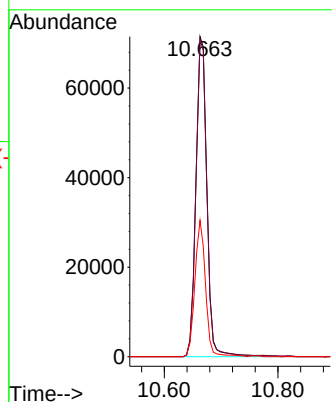


#42
2,4,6-Tribromophenol
Concen: 148.320 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

Instrument :
BNA_F
ClientSampleId :
919-J-WS-080224

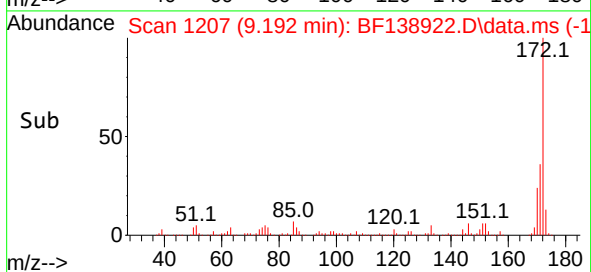
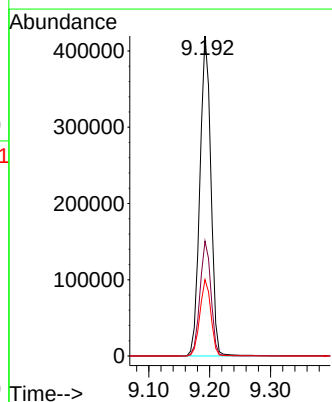
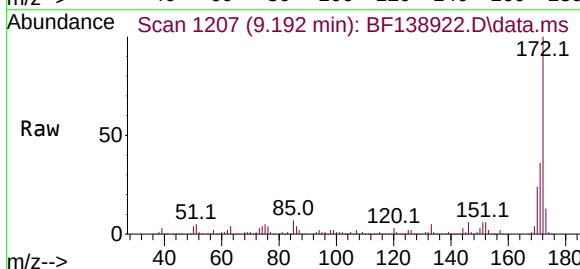


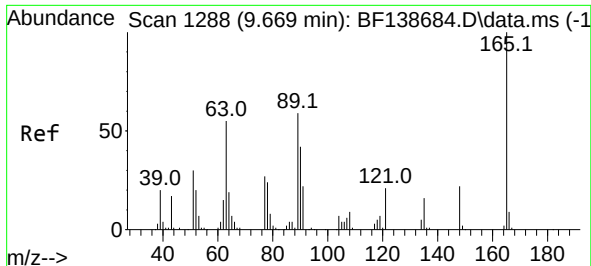
Tgt Ion:330 Resp: 96865
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 41.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 99.294 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

Tgt Ion:172 Resp: 526889
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.8 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.747 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF138922.D

Acq: 10 Aug 2024 21:25

Instrument :

BNA_F

ClientSampleId :

919-J-WS-080224

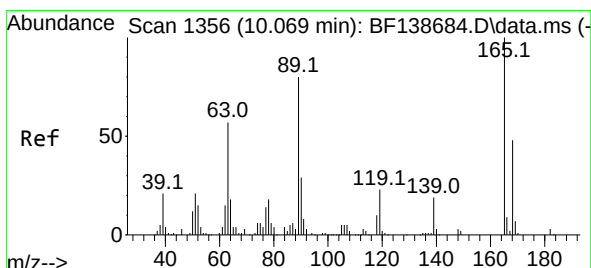
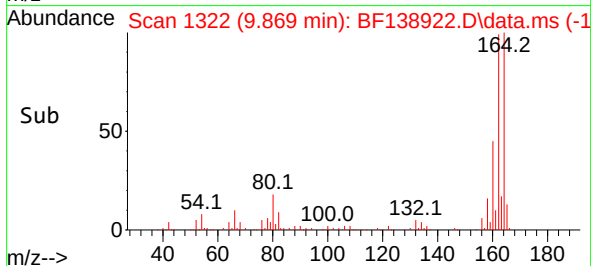
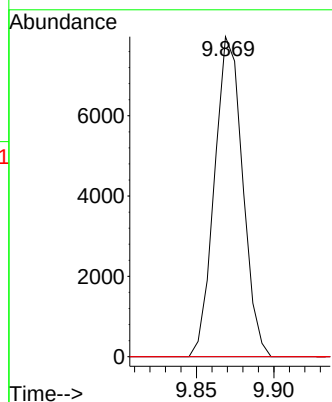
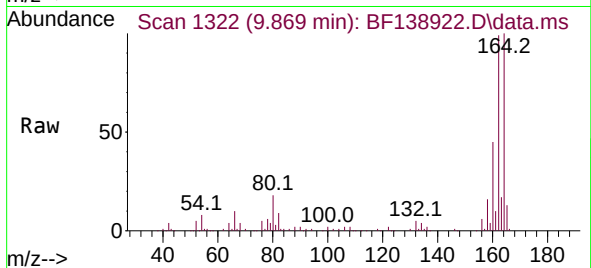
Tgt Ion:165 Resp: 10064

Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 6.856 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF138922.D

Acq: 10 Aug 2024 21:25

Tgt Ion:165 Resp: 10064

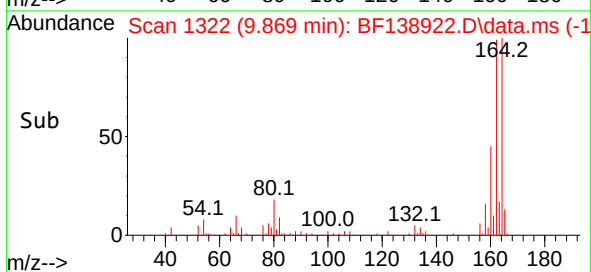
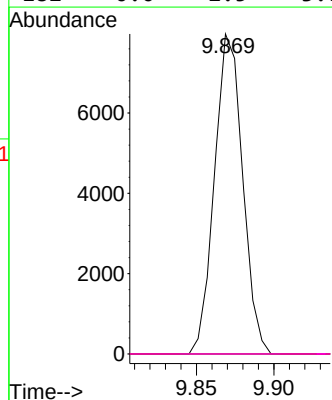
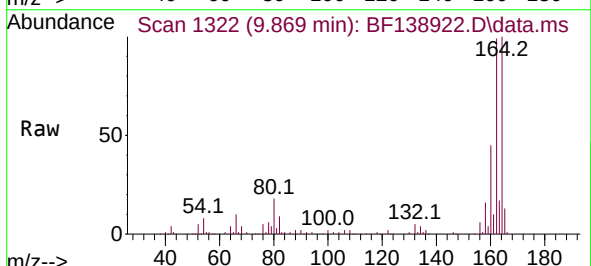
Ion Ratio Lower Upper

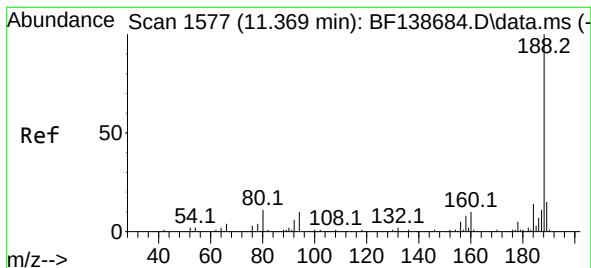
165 100

63 0.0 46.3 69.5#

89 0.0 64.2 96.4#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138922.D

Acq: 10 Aug 2024 21:25

Instrument :

BNA_F

ClientSampleId :

919-J-WS-080224

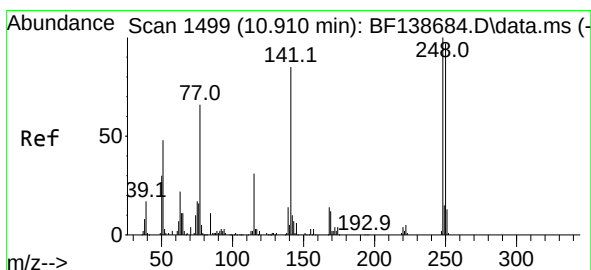
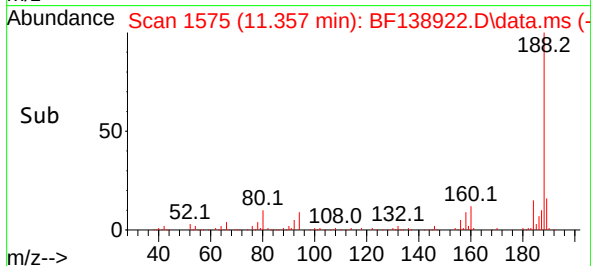
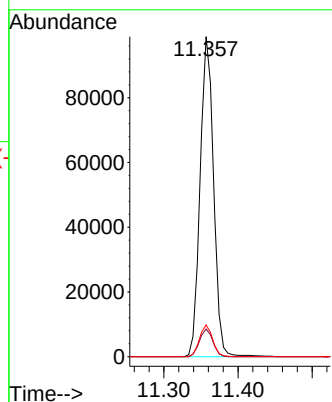
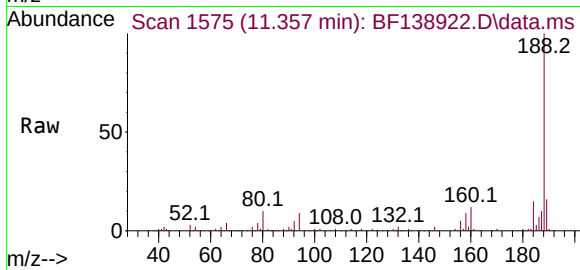
Tgt Ion:188 Resp: 124633

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.9 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.588 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138922.D

Acq: 10 Aug 2024 21:25

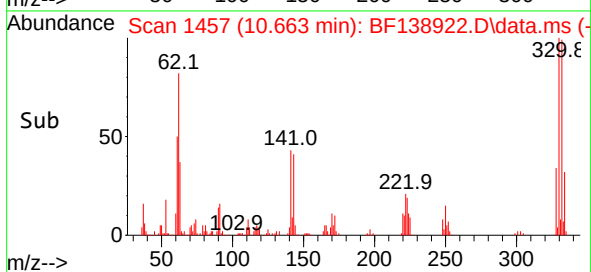
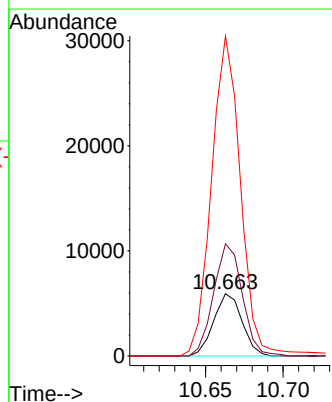
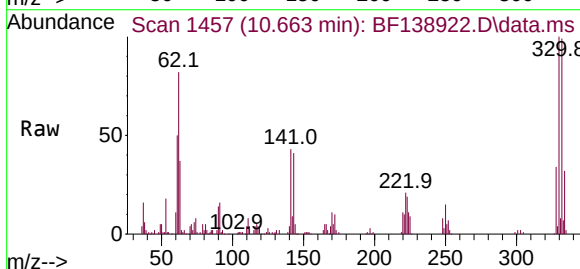
Tgt Ion:248 Resp: 7541

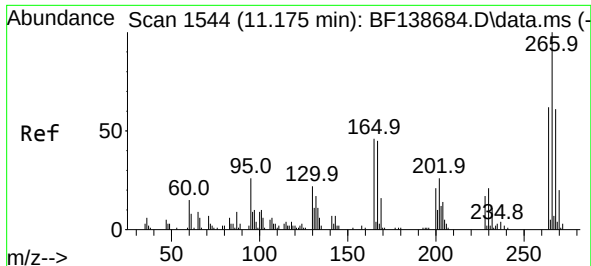
Ion Ratio Lower Upper

248 100

250 180.2 77.7 116.5#

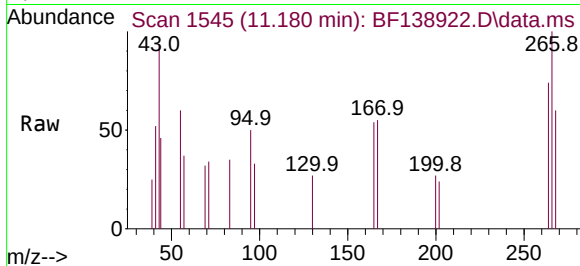
141 514.5 68.0 102.0#



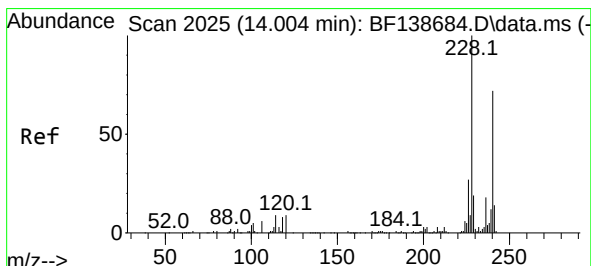
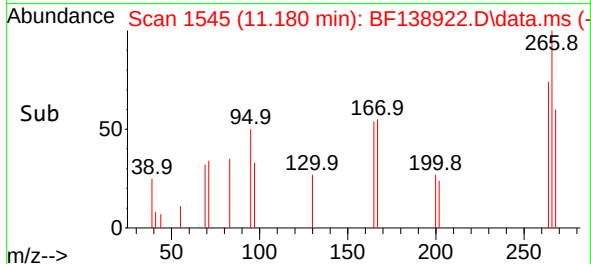
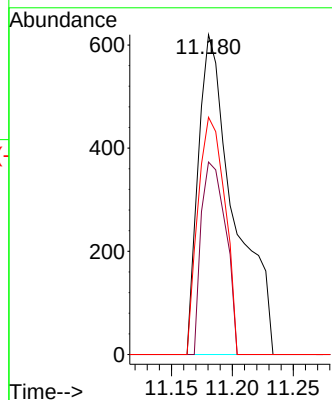


#70
 Pentachlorophenol
 Concen: 2.030 ng
 RT: 11.180 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: BF138922.D
 Acq: 10 Aug 2024 21:25

Instrument :
 BNA_F
 ClientSampleId :
 919-J-WS-080224

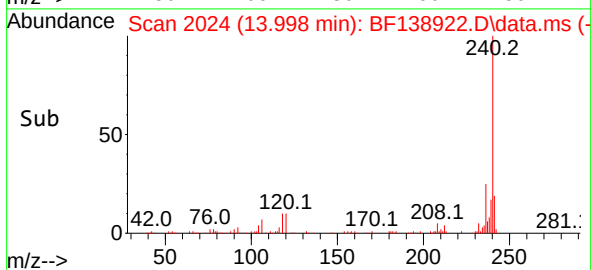
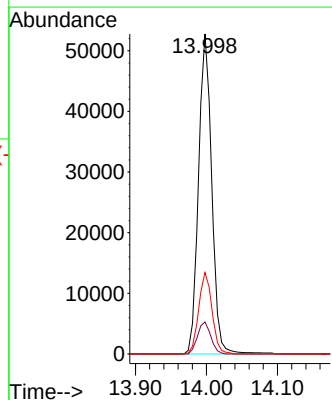
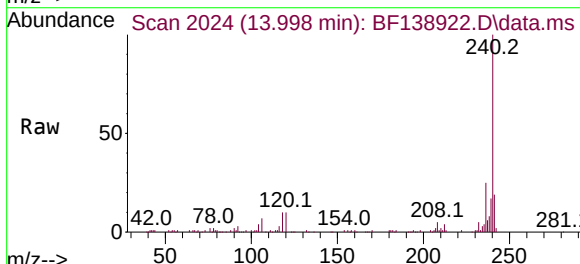


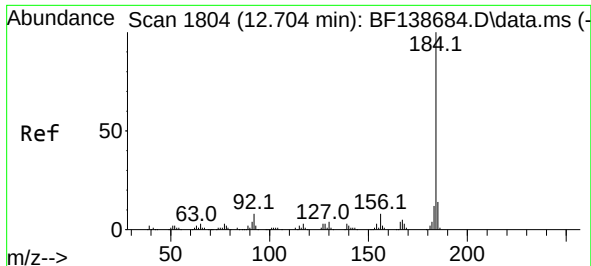
Tgt Ion:266 Resp: 1275
 Ion Ratio Lower Upper
 266 100
 268 60.2 49.2 73.8
 264 74.2 49.8 74.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.998 min Scan# 2024
 Delta R.T. -0.006 min
 Lab File: BF138922.D
 Acq: 10 Aug 2024 21:25

Tgt Ion:240 Resp: 68405
 Ion Ratio Lower Upper
 240 100
 120 10.0 10.2 15.4#
 236 25.5 19.8 29.8

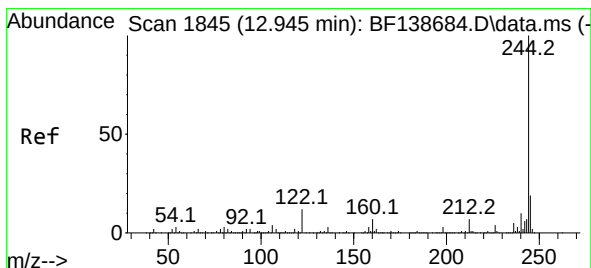
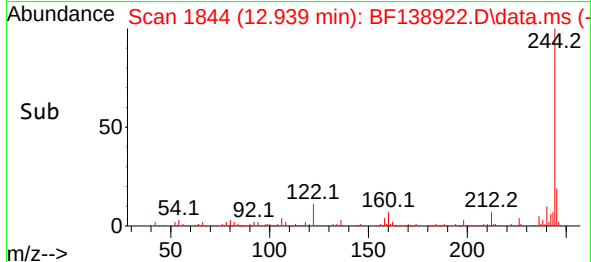
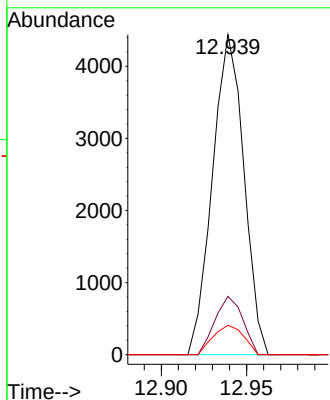
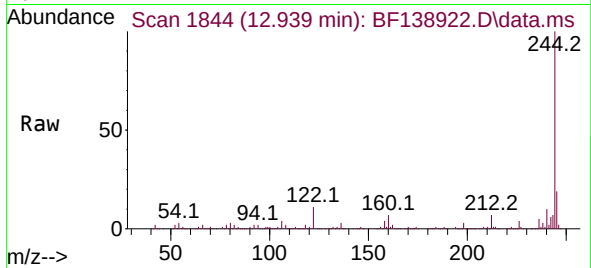




#77
Benzidine
Concen: 3.474 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

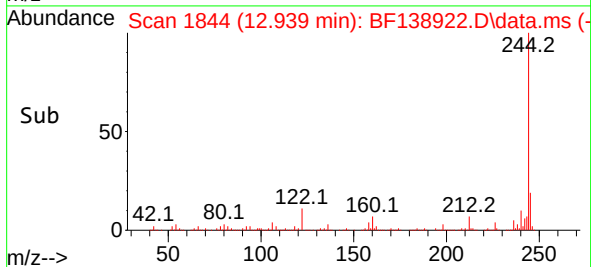
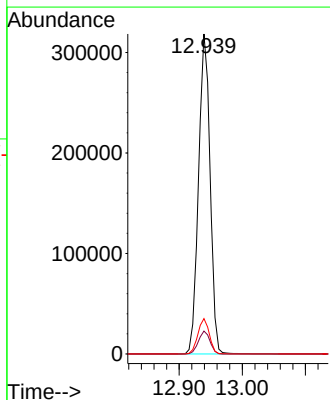
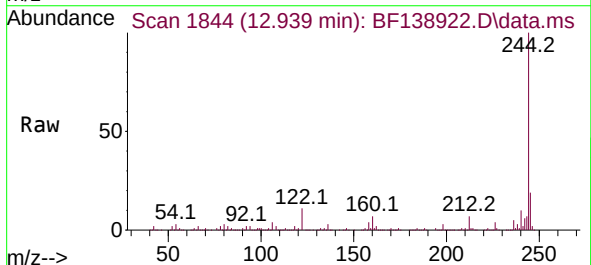
Instrument :
BNA_F
ClientSampleId :
919-J-WS-080224

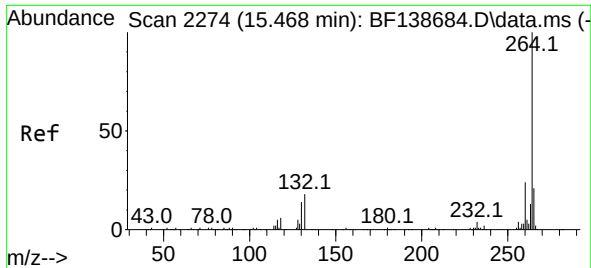
Tgt Ion:184 Resp: 5684
Ion Ratio Lower Upper
184 100
185 18.2 11.1 16.7#
183 9.2 9.6 14.4#



#79
Terphenyl-d14
Concen: 99.139 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138922.D
Acq: 10 Aug 2024 21:25

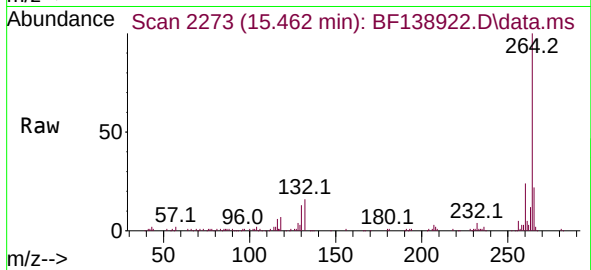
Tgt Ion:244 Resp: 405048
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.1 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138922.D
 Acq: 10 Aug 2024 21:25

Instrument :
 BNA_F
 ClientSampleId :
 919-J-WS-080224



Tgt Ion:264	Resp:	79740
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.0 28.6
265	21.6	17.0 25.6

