

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138820.D
 Acq On : 06 Aug 2024 22:22
 Operator : RC/JU
 Sample : P3459-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-360-375

Quant Time: Aug 07 01:06:11 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)

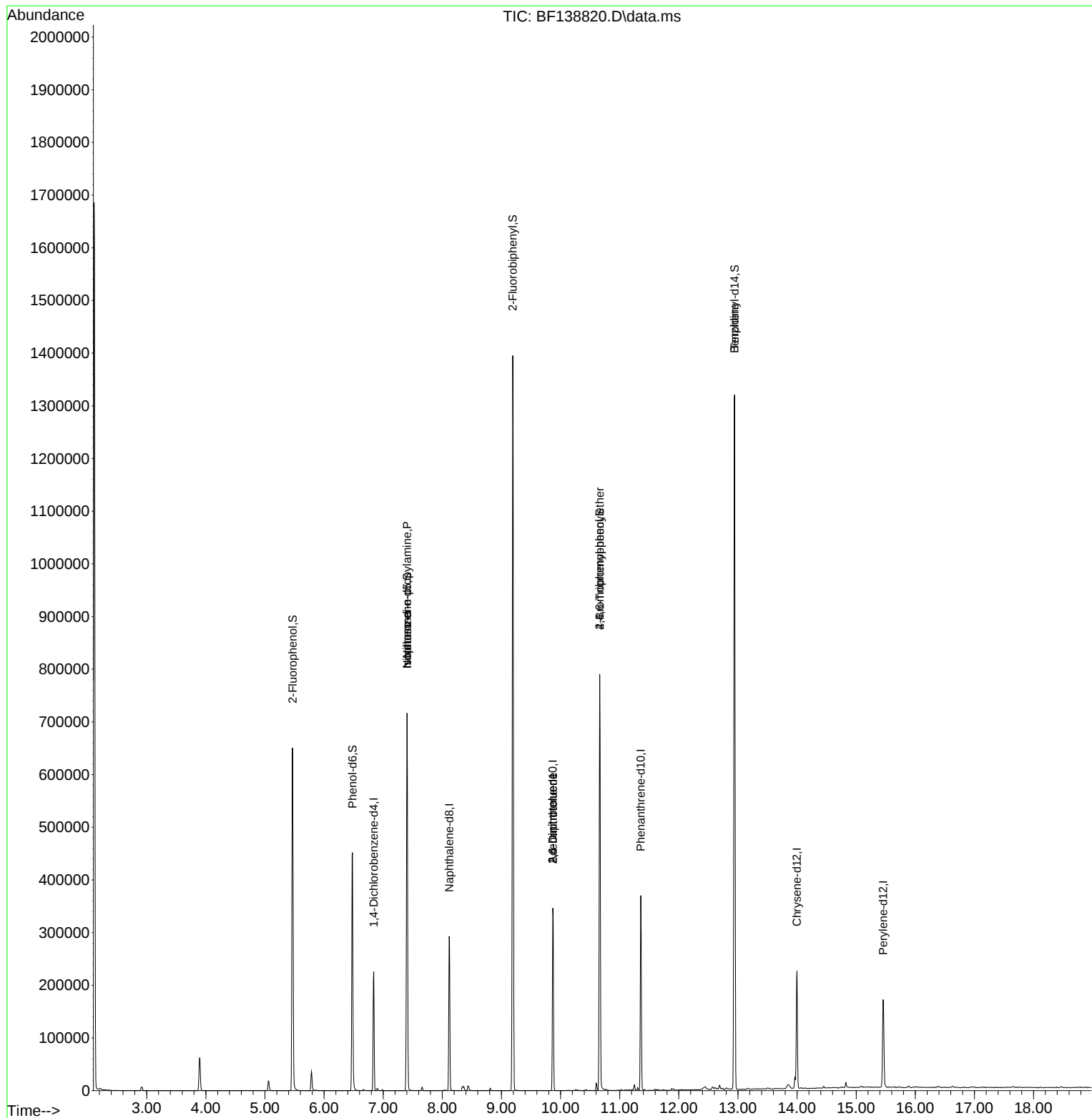
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	43829	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	178912	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	102980	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	183299	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	105375	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	98786	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	228479	80.470	ng	0.00
7) Phenol-d6	6.481	99	202429	53.102	ng	0.00
23) Nitrobenzene-d5	7.404	82	311810	85.208	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	120085	142.358	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	594126	86.684	ng	-0.01
79) Terphenyl-d14	12.945	244	650501	103.356	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	43594	18.934	ng	# 76
25) Isophorone	7.404	82	311806	49.901	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13541	9.112	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	13541	7.142	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	8364	4.215	ng	# 1
77) Benzidine	12.939	184	8930	3.543	ng	# 92

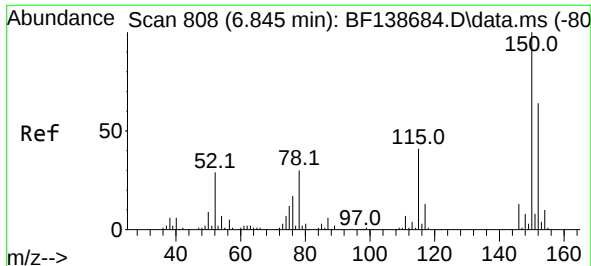
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MLS-15-360-375

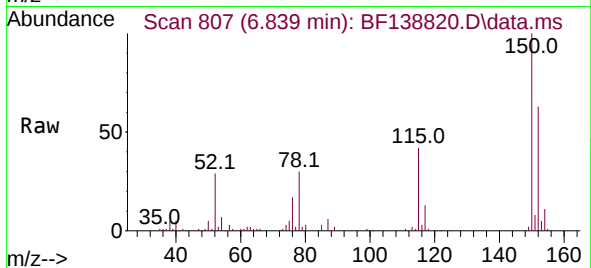
Quant Time: Aug 07 01:06:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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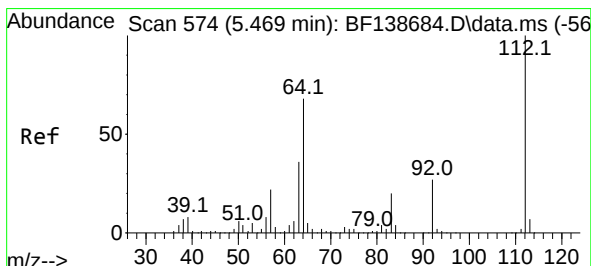
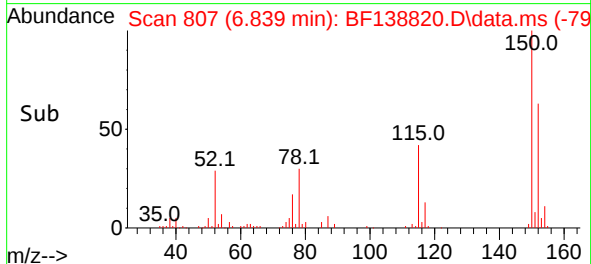
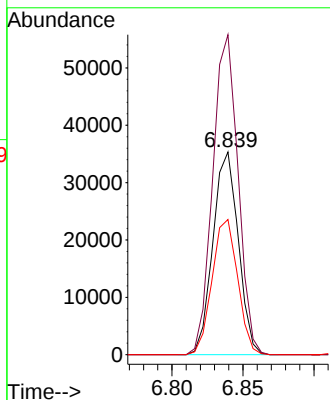


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

Instrument :
BNA_F
ClientSampleId :
MLS-15-360-375

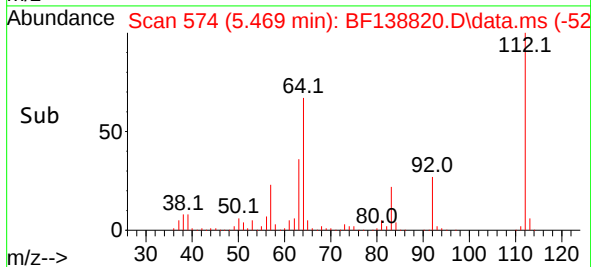
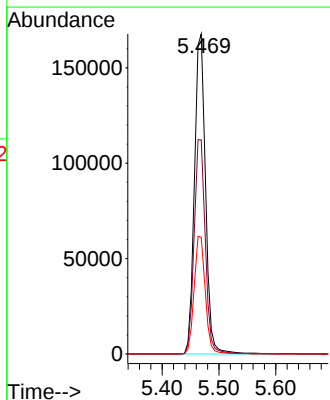
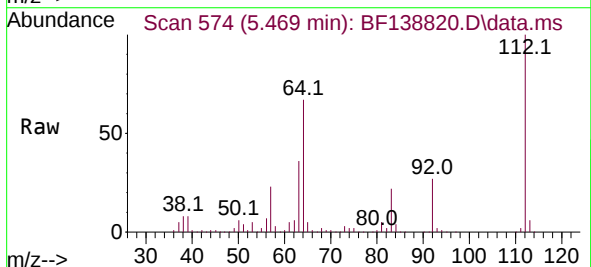


Tgt Ion:152 Resp: 43829
Ion Ratio Lower Upper
152 100
150 157.9 126.0 189.0
115 66.7 51.7 77.5



#5
2-Fluorophenol
Concen: 80.470 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

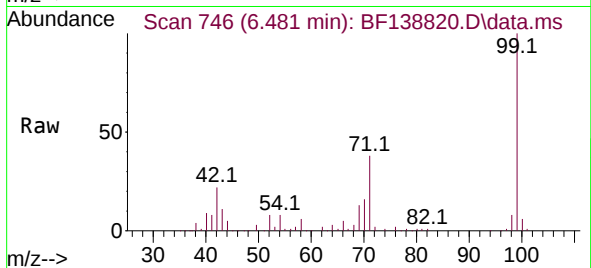
Tgt Ion:112 Resp: 228479
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.4
63 36.5 28.7 43.1



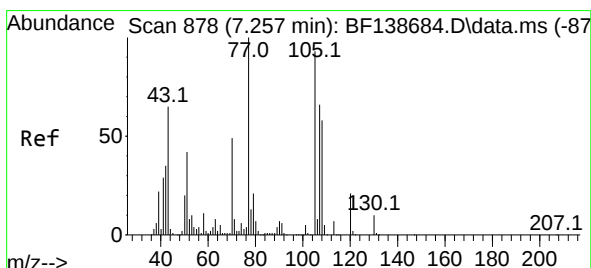
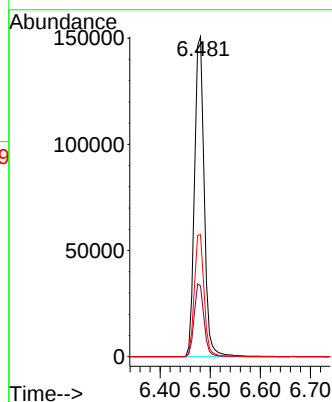
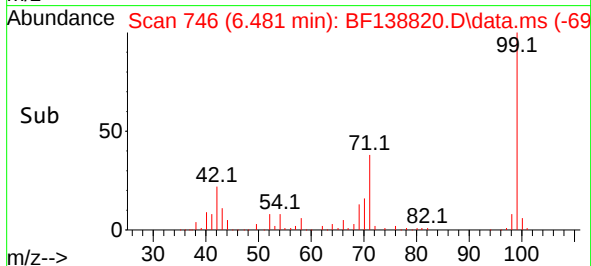


#7
Phenol-d6
Concen: 53.102 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

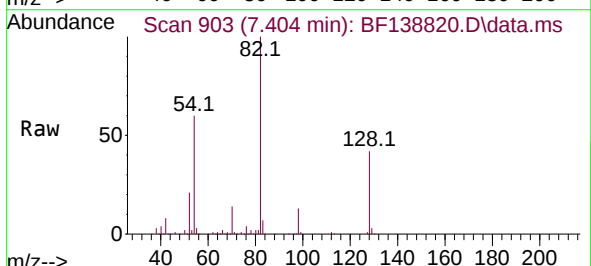
Instrument :
BNA_F
ClientSampleId :
MLS-15-360-375



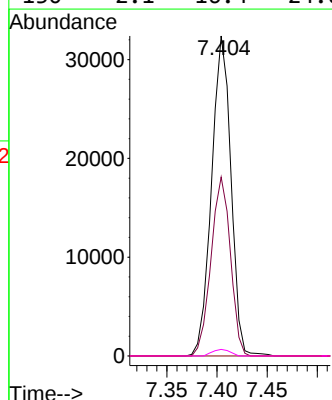
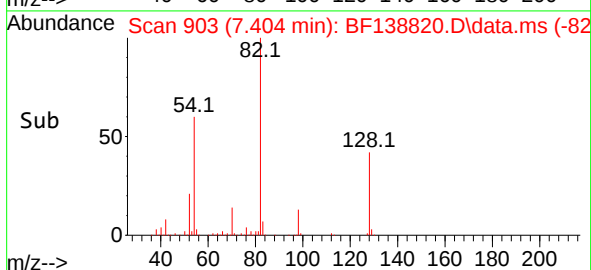
Tgt Ion: 99 Resp: 202429
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.0
71 38.1 28.1 42.1

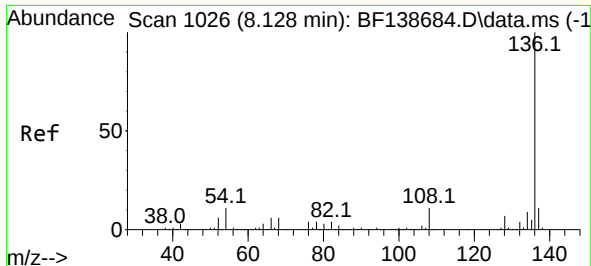


#19
n-Nitroso-di-n-propylamine
Concen: 18.934 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22



Tgt Ion: 70 Resp: 43594
Ion Ratio Lower Upper
70 100
42 55.9 57.4 86.0#
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#



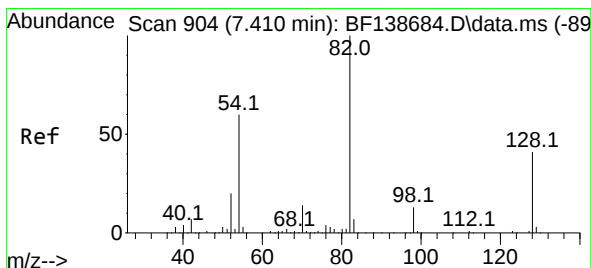
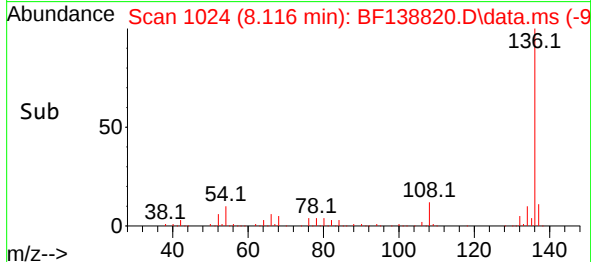
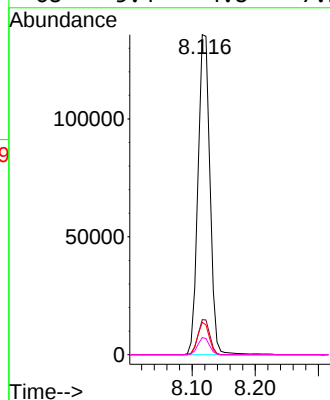
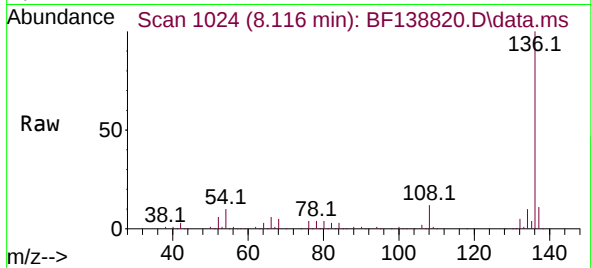


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

Instrument :
BNA_F
ClientSampleId :
MLS-15-360-375

Tgt Ion:136 Resp: 178912

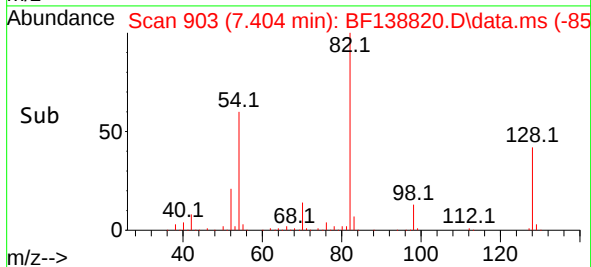
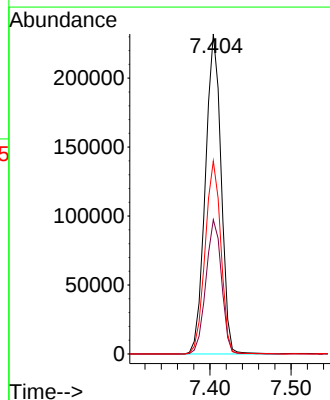
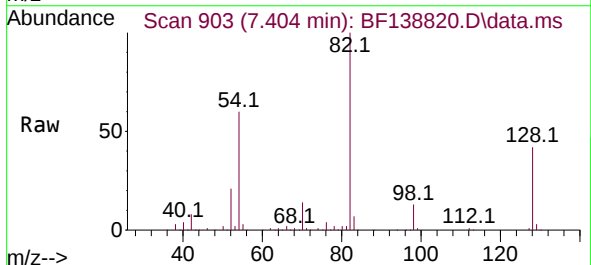
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.1	8.6	12.8
68	5.4	4.8	7.2

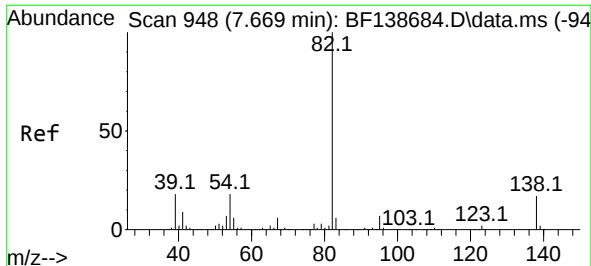


#23
Nitrobenzene-d5
Concen: 85.208 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

Tgt Ion: 82 Resp: 311810

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.8	49.2
54	60.3	48.3	72.5

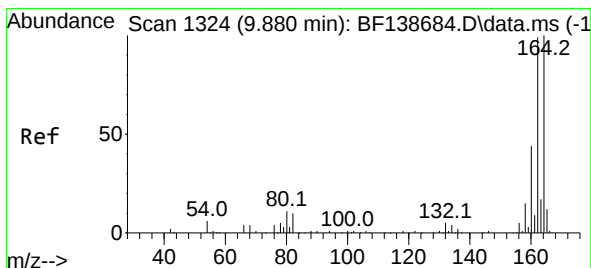
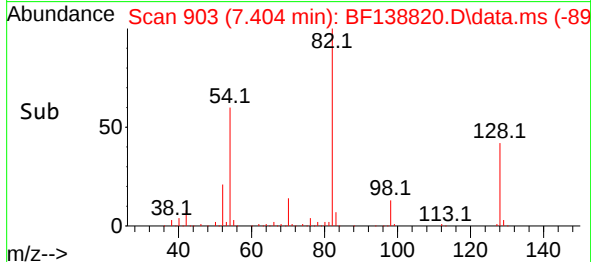
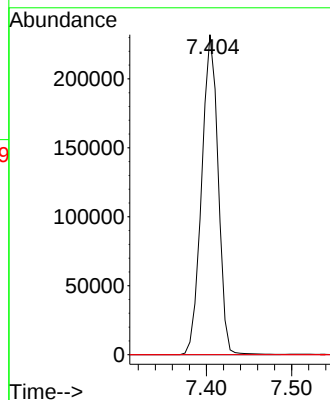
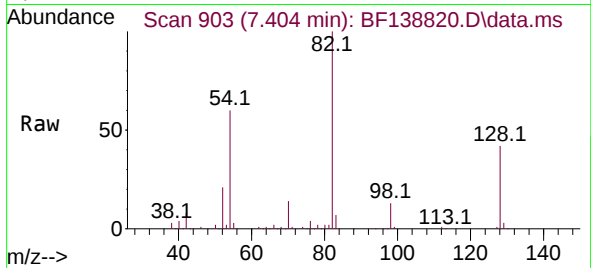




#25
Isophorone
Concen: 49.901 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

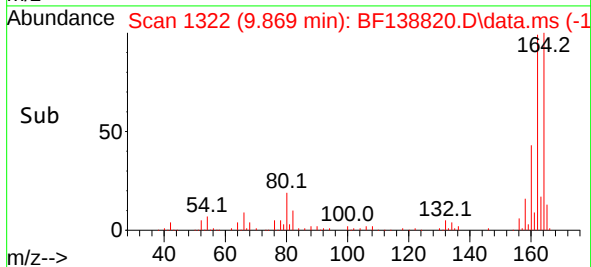
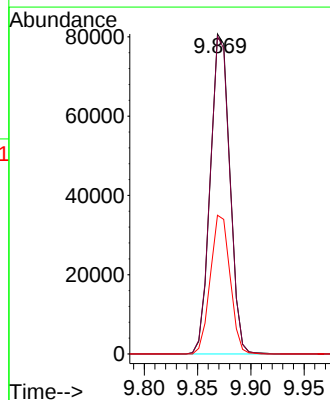
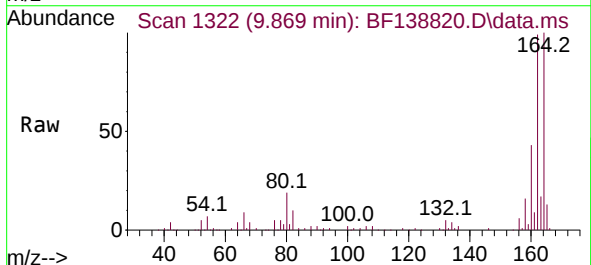
Instrument :
BNA_F
ClientSampleId :
MLS-15-360-375

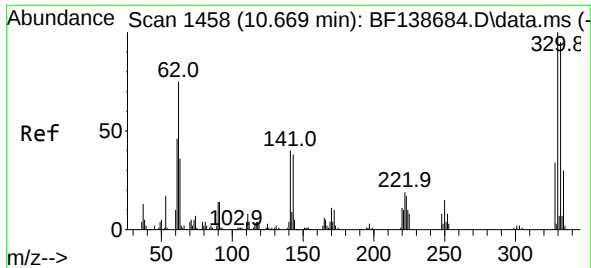
Tgt Ion: 82 Resp: 311806
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

Tgt Ion:164 Resp: 102980
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 43.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 142.358 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138820.D

Acq: 06 Aug 2024 22:22

Instrument :

BNA_F

ClientSampleId :

MLS-15-360-375

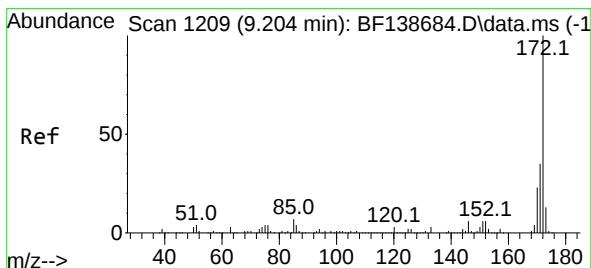
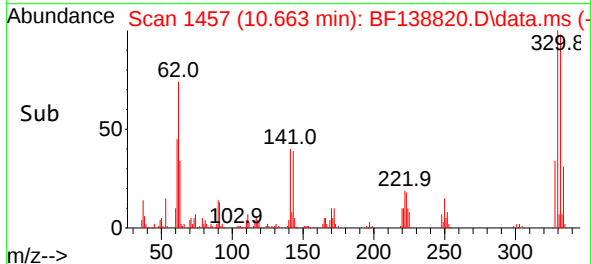
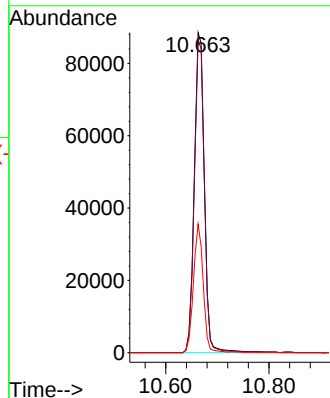
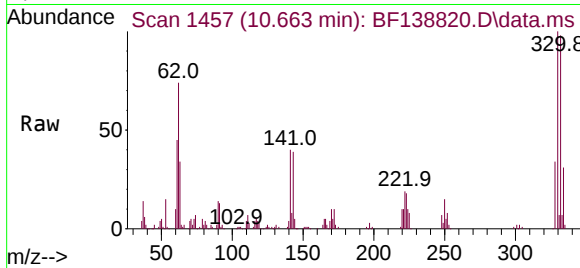
Tgt Ion:330 Resp: 120085

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

141 39.0 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 86.684 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138820.D

Acq: 06 Aug 2024 22:22

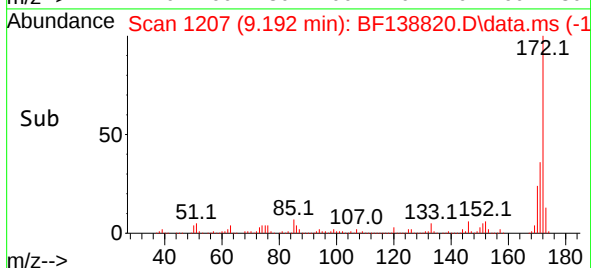
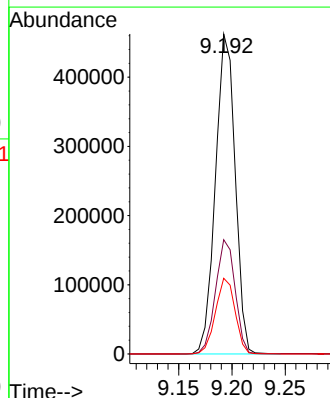
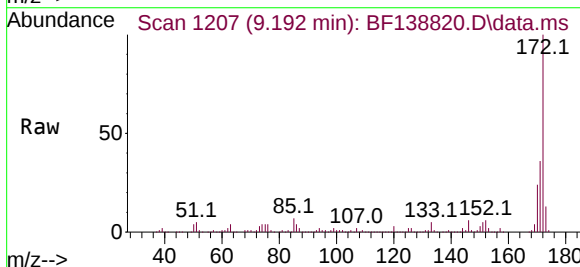
Tgt Ion:172 Resp: 594126

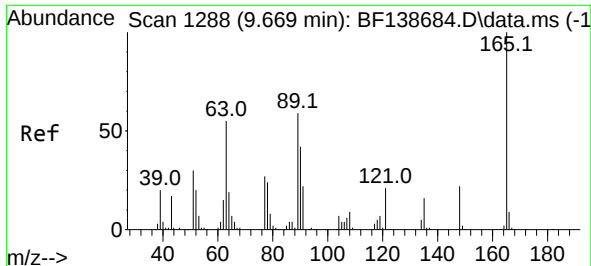
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.7 18.8 28.2

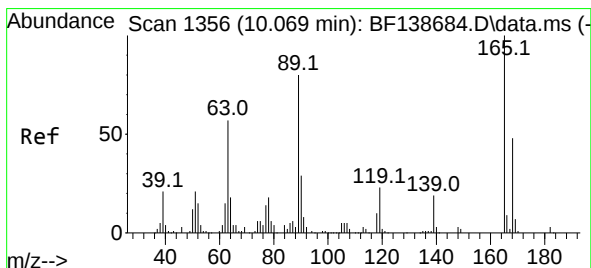
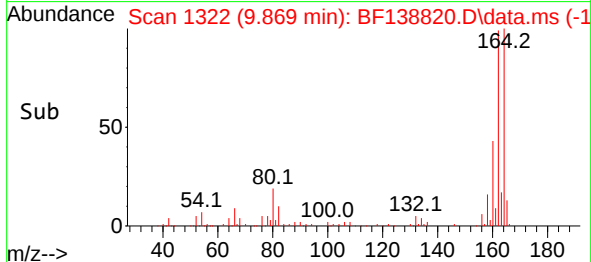
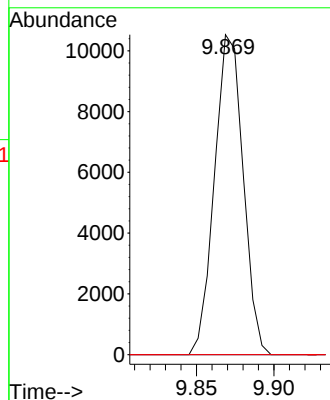
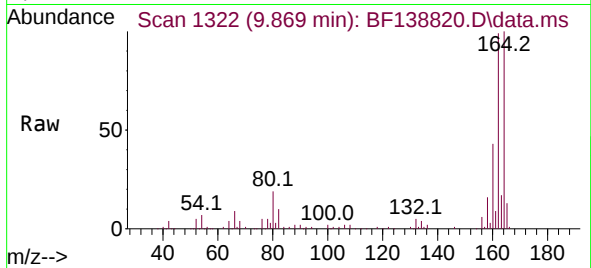




#51
2,6-Dinitrotoluene
Concen: 9.112 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

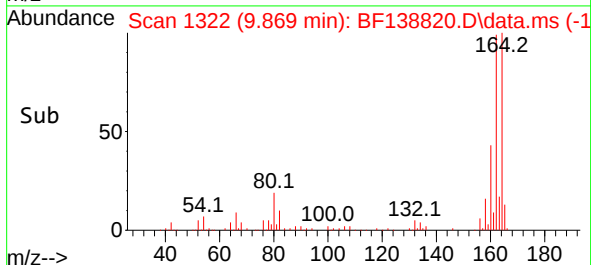
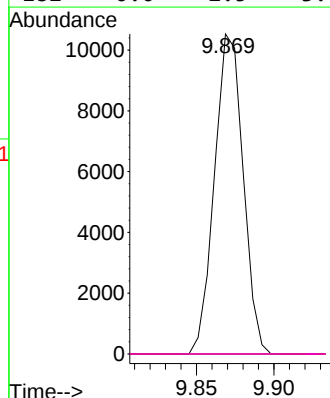
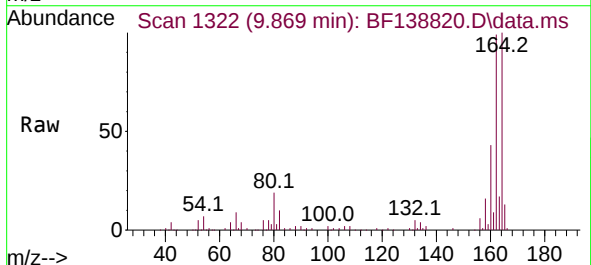
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MLS-15-360-375

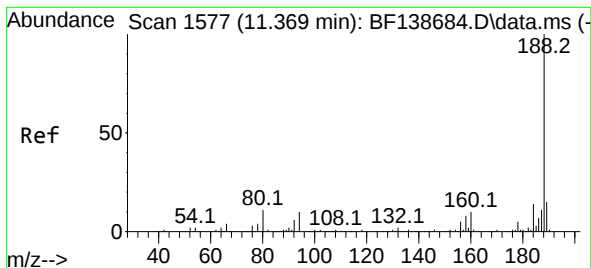
Tgt Ion:165 Resp: 13541
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.142 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

Tgt Ion:165 Resp: 13541
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: BF138820.D

Acq: 06 Aug 2024 22:22

Instrument :

BNA_F

ClientSampleId :

MLS-15-360-375

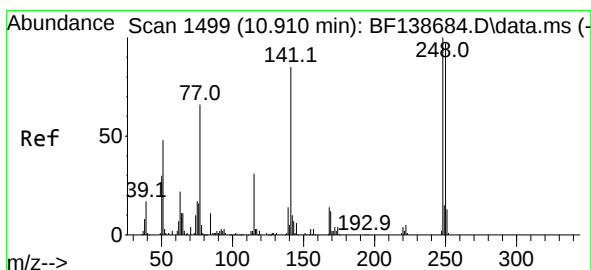
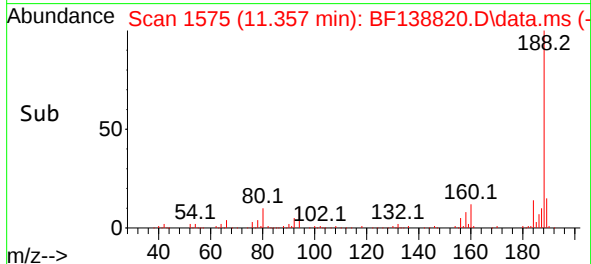
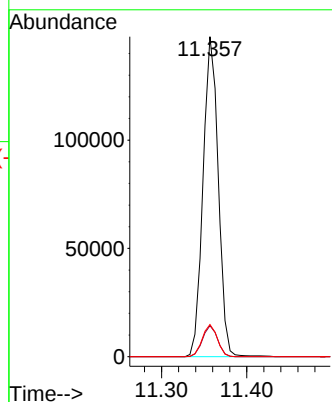
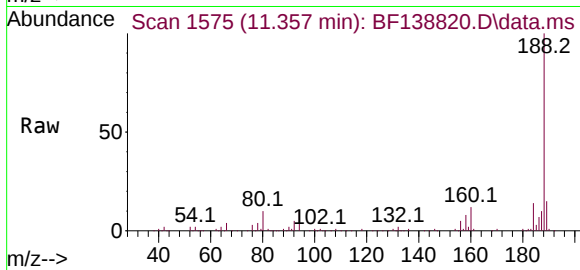
Tgt Ion:188 Resp: 183299

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.1 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.215 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138820.D

Acq: 06 Aug 2024 22:22

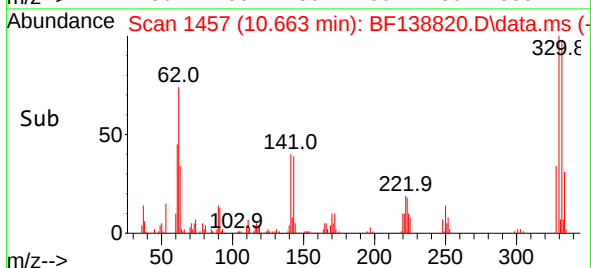
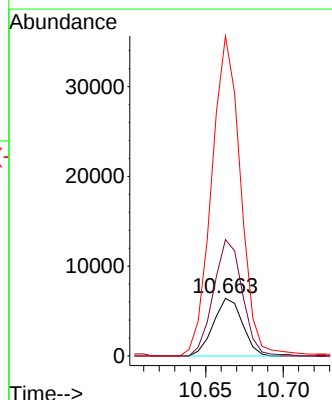
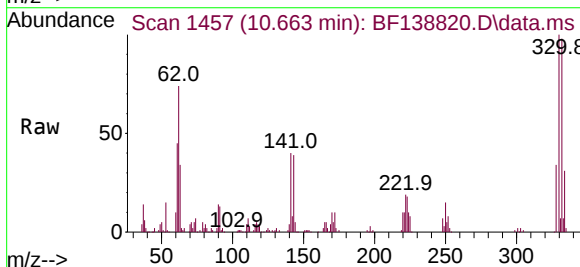
Tgt Ion:248 Resp: 8364

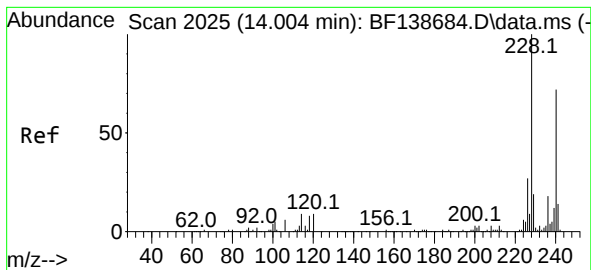
Ion Ratio Lower Upper

248 100

250 201.9 77.7 116.5#

141 555.4 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138820.D

Acq: 06 Aug 2024 22:22

Instrument :

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MLS-15-360-375

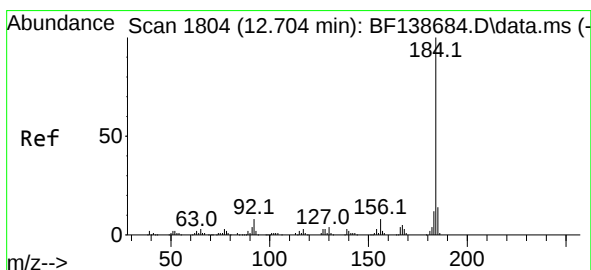
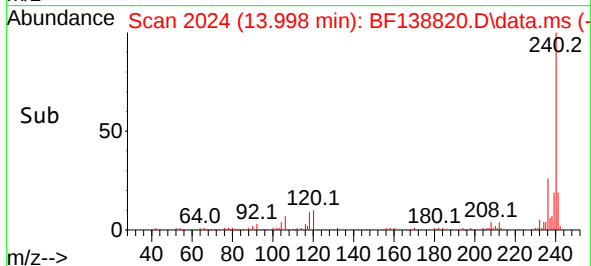
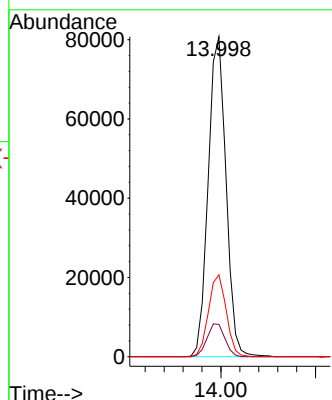
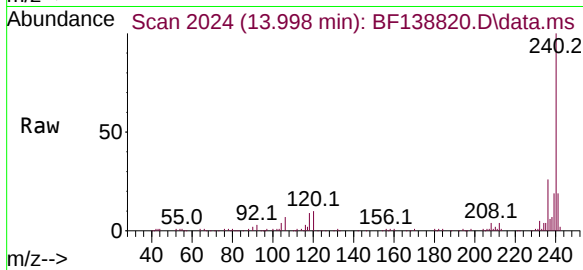
Tgt Ion:240 Resp: 105375

Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

236 25.6 19.8 29.8



#77

Benzidine

Concen: 3.543 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138820.D

Acq: 06 Aug 2024 22:22

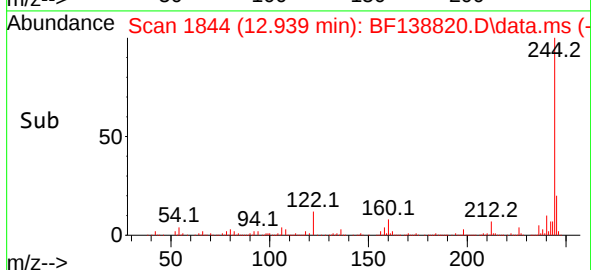
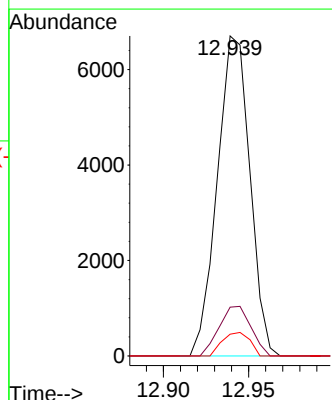
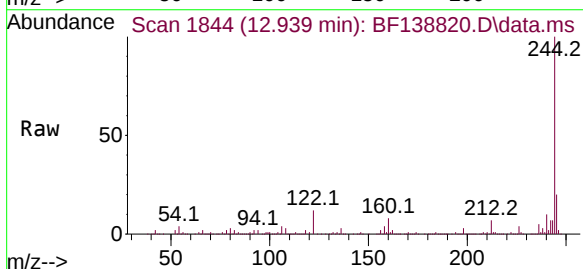
Tgt Ion:184 Resp: 8930

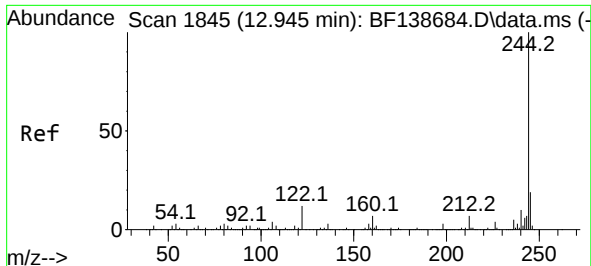
Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

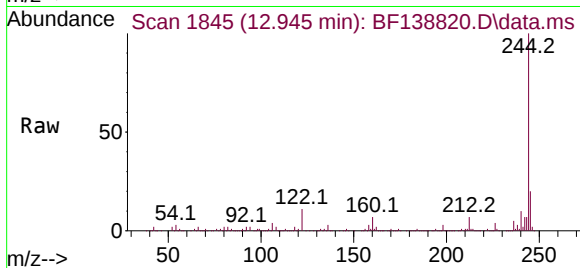
183 6.8 9.6 14.4#



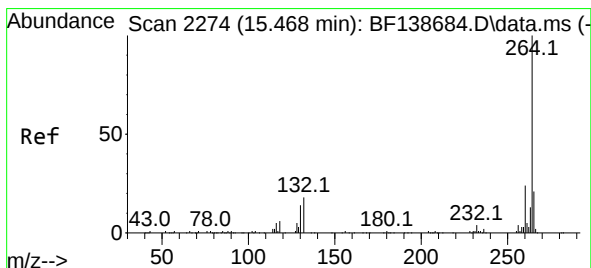
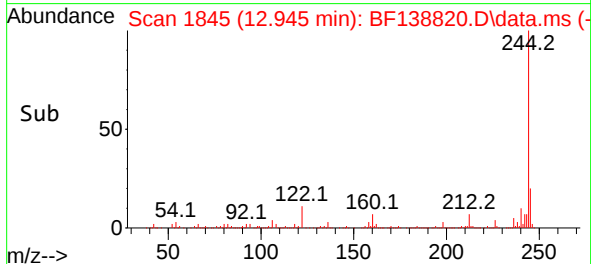
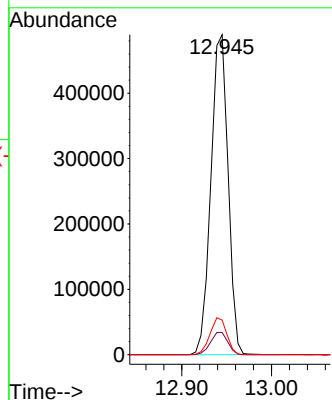


#79
Terphenyl-d14
Concen: 103.356 ng
RT: 12.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

Instrument :
BNA_F
ClientSampleId :
MLS-15-360-375



Tgt Ion:244 Resp: 650501
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.8 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138820.D
Acq: 06 Aug 2024 22:22

Tgt Ion:264 Resp: 98786
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 22.0 17.0 25.6

