

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138890.D
 Acq On : 09 Aug 2024 16:02
 Operator : RC/JU
 Sample : P3469-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-513-528

Quant Time: Aug 09 16:28:01 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)

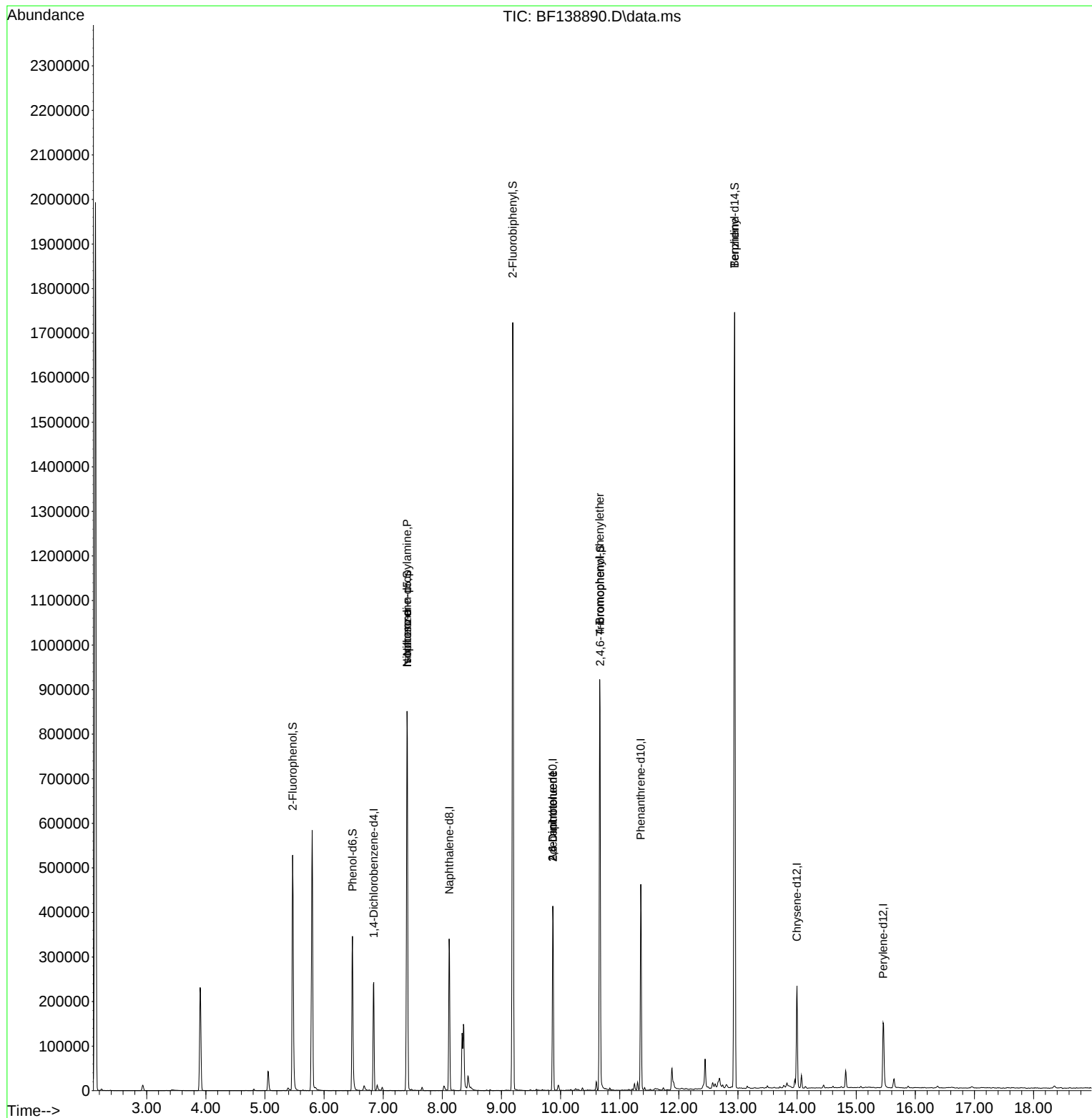
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	47819	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	201810	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	120465	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	224761	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	104422	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	88887	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	185457	59.868	ng	0.00
7) Phenol-d6	6.481	99	150714	36.237	ng	0.00
23) Nitrobenzene-d5	7.404	82	391221	94.779	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	137777	139.624	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	748466	93.352	ng	-0.01
79) Terphenyl-d14	12.945	244	862685	138.320	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	53977	21.488	ng	# 80
25) Isophorone	7.404	82	391217	55.505	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	15196	8.742	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	15196	6.852	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	10073	4.139	ng	# 1
77) Benzidine	12.945	184	11802	4.725	ng	# 91

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

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Quant Time: Aug 09 16:28:01 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

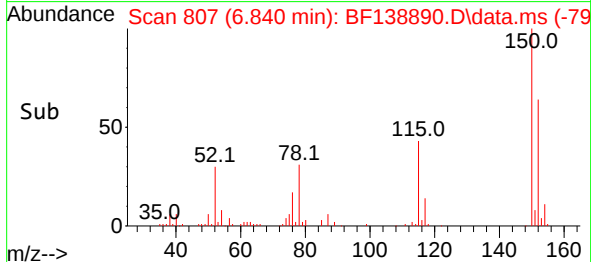
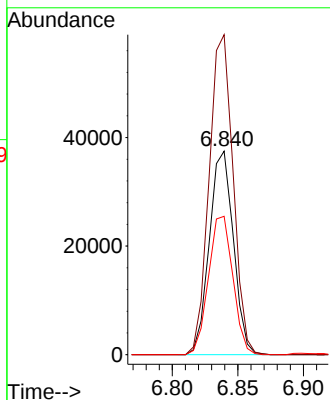
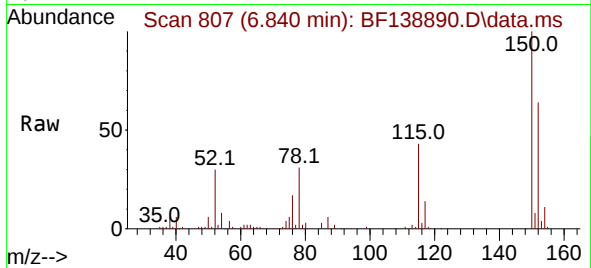




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

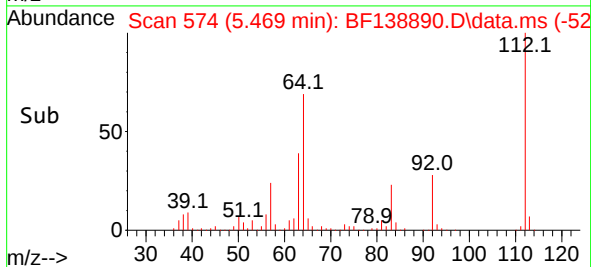
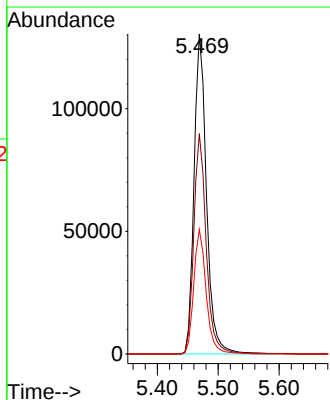
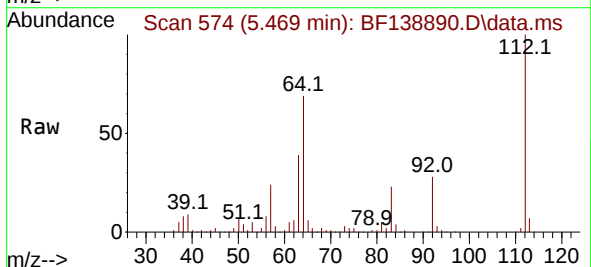
Instrument :
BNA_F
ClientSampleId :
MLS-15-513-528

Tgt Ion:152 Resp: 47819
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 68.0 51.7 77.5



#5
2-Fluorophenol
Concen: 59.868 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

Tgt Ion:112 Resp: 185457
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 38.9 28.7 43.1

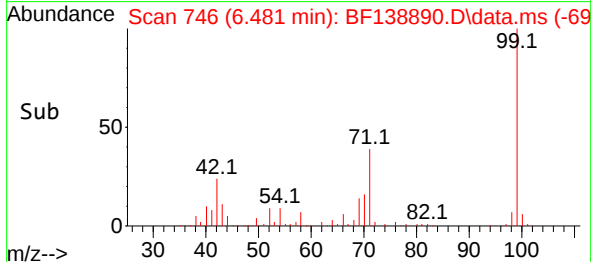
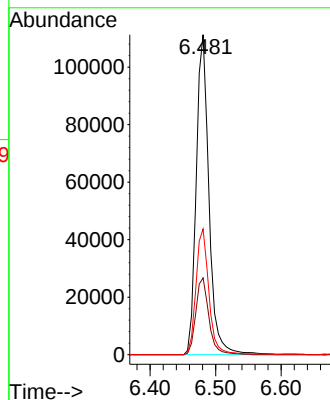
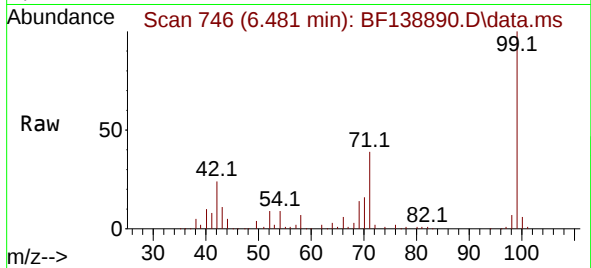




#7
Phenol-d6
Concen: 36.237 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

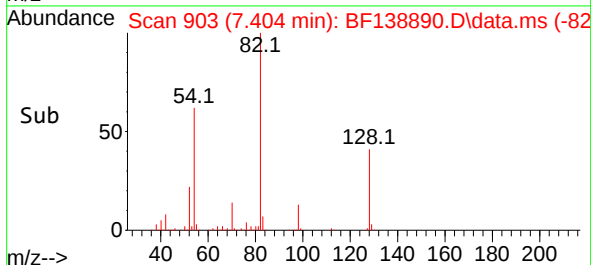
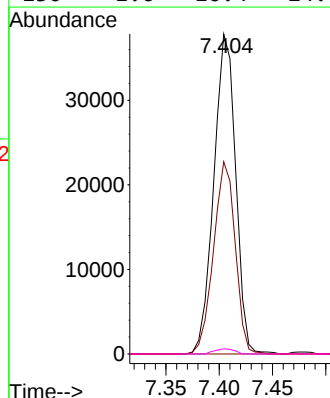
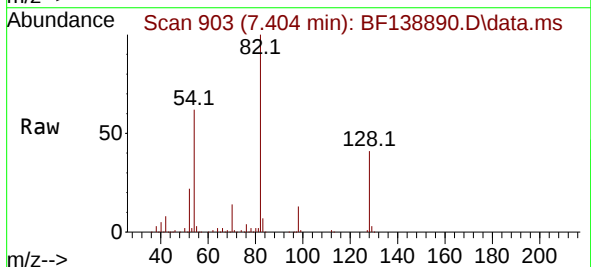
Instrument :
BNA_F
ClientSampleId :
MLS-15-513-528

Tgt Ion: 99 Resp: 150714
Ion Ratio Lower Upper
99 100
42 24.0 17.4 26.0
71 39.3 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.488 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

Tgt Ion: 70 Resp: 53977
Ion Ratio Lower Upper
70 100
42 60.1 57.4 86.0
101 0.0 7.5 11.3#
130 1.6 16.4 24.6#

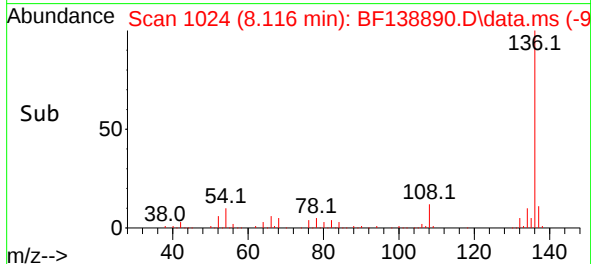
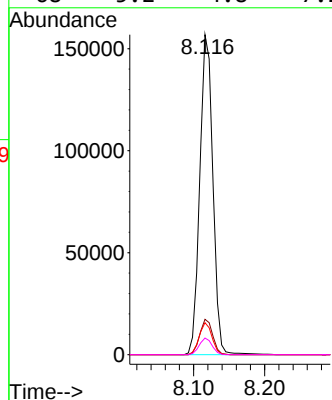
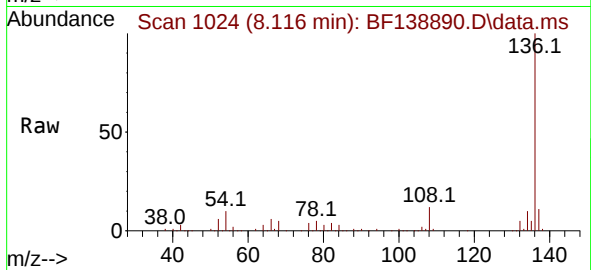




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

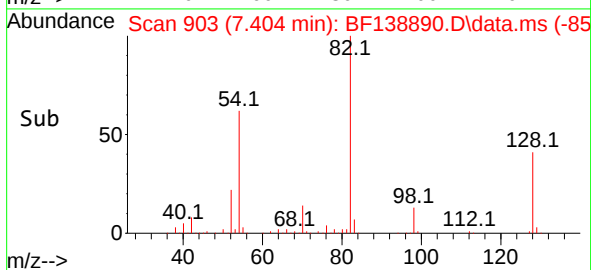
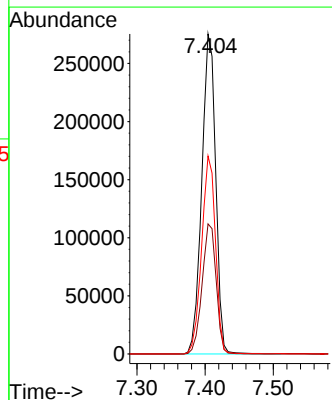
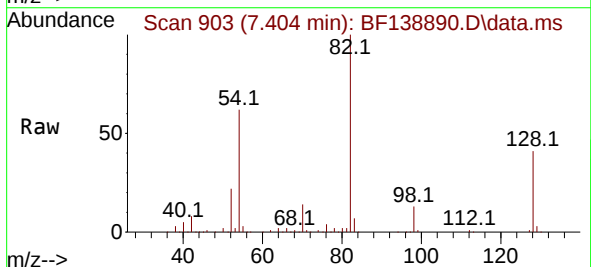
Instrument :
BNA_F
ClientSampleId :
MLS-15-513-528

Tgt Ion:136 Resp: 201810
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.0 8.6 12.8
68 5.2 4.8 7.2



#23
Nitrobenzene-d5
Concen: 94.779 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

Tgt Ion: 82 Resp: 391221
Ion Ratio Lower Upper
82 100
128 40.6 32.8 49.2
54 61.9 48.3 72.5

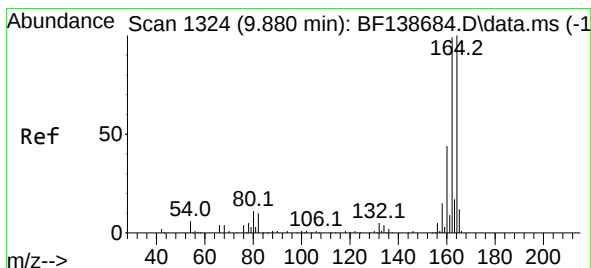
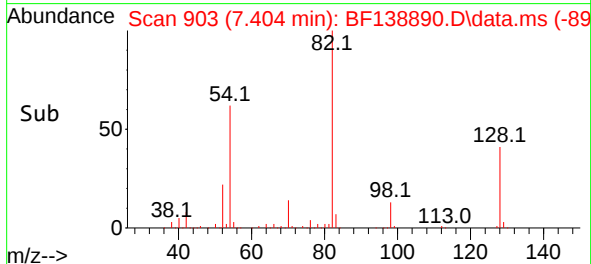
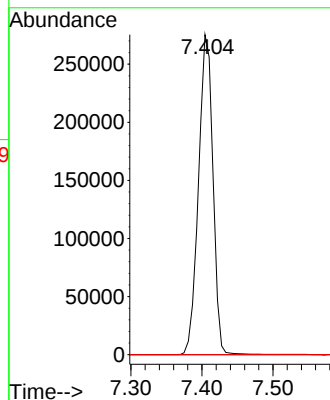
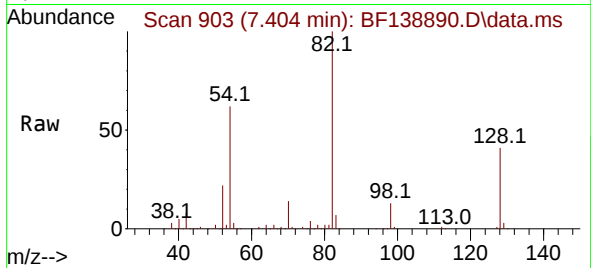




#25
Isophorone
Concen: 55.505 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

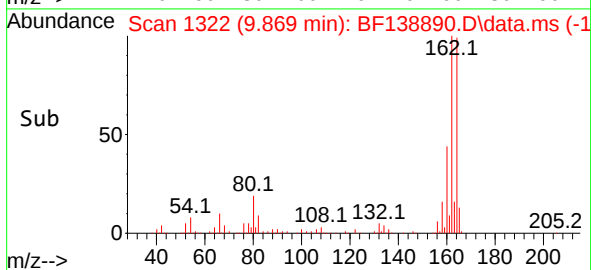
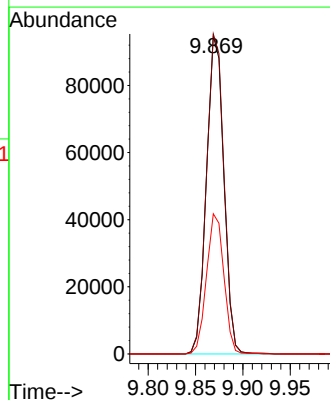
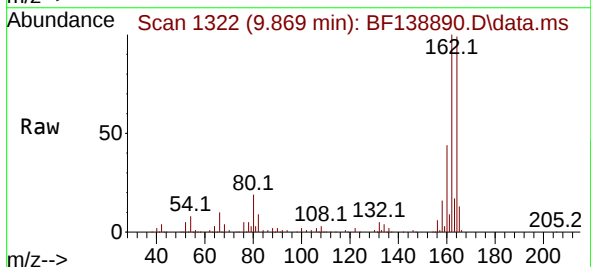
Instrument :
BNA_F
ClientSampleId :
MLS-15-513-528

Tgt Ion: 82 Resp: 391217
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: BF138890.D
Acq: 09 Aug 2024 16:02

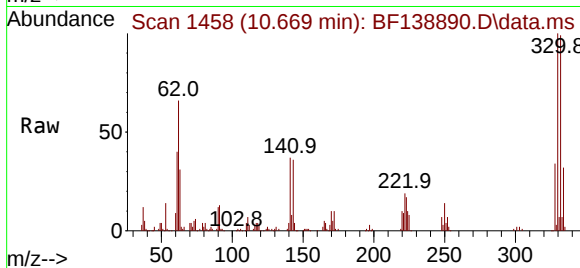
Tgt Ion:164 Resp: 120465
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.0
160 44.1 35.1 52.7



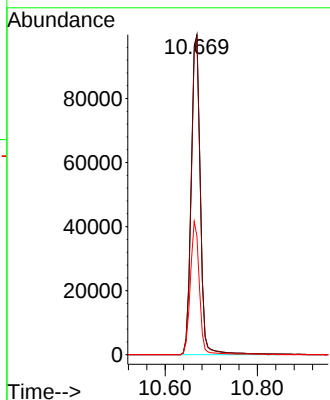
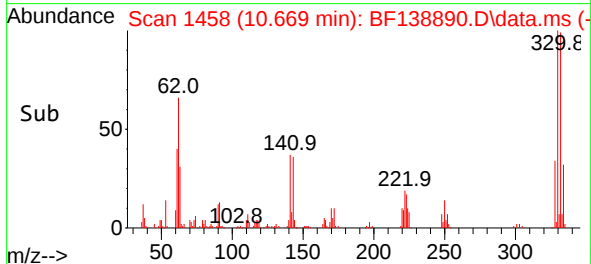


#42
2,4,6-Tribromophenol
Concen: 139.624 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

Instrument :
BNA_F
ClientSampleId :
MLS-15-513-528

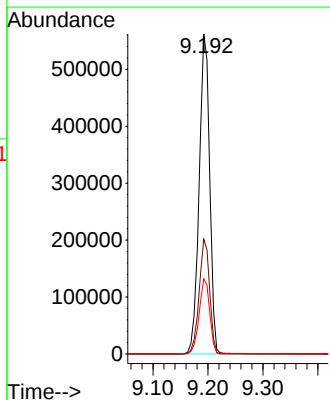
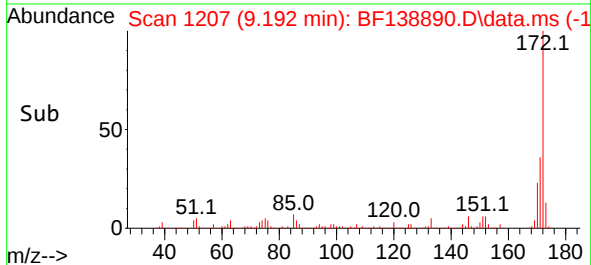
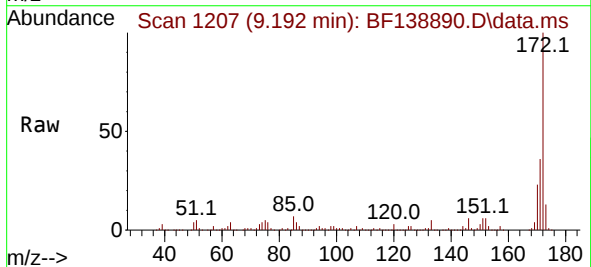


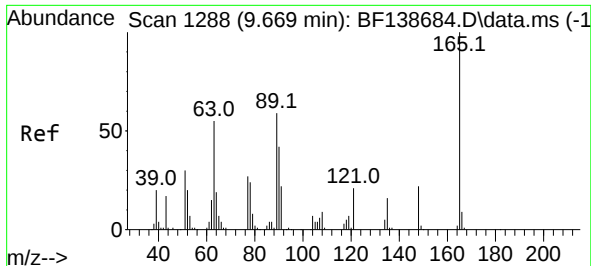
Tgt Ion:330 Resp: 137777
Ion Ratio Lower Upper
330 100
332 98.0 76.4 114.6
141 41.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 93.352 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

Tgt Ion:172 Resp: 748466
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.5 18.8 28.2

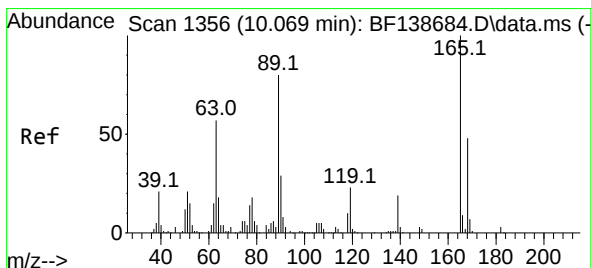
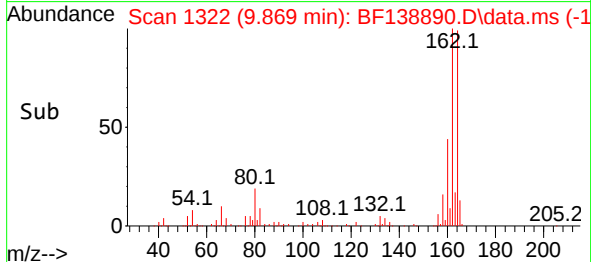
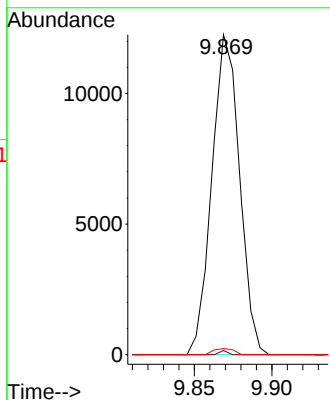
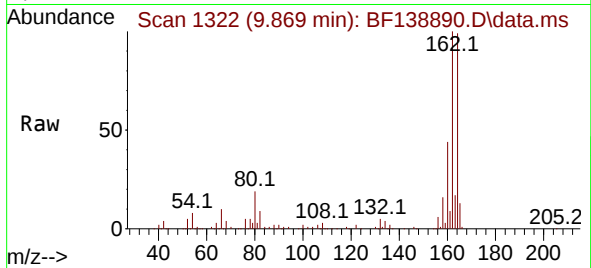




#51
2,6-Dinitrotoluene
Concen: 8.742 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

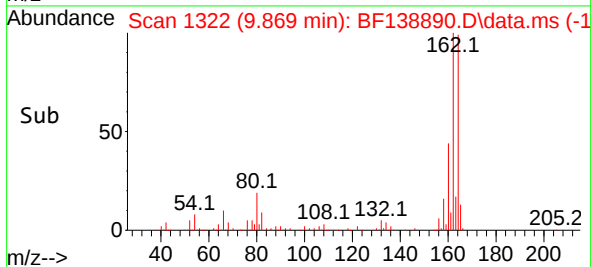
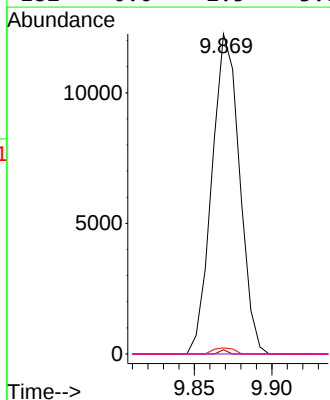
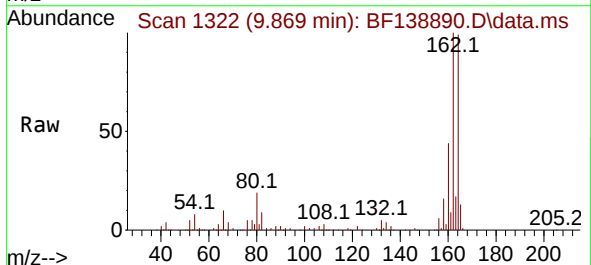
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BNA_F
ClientSampleId :
MLS-15-513-528

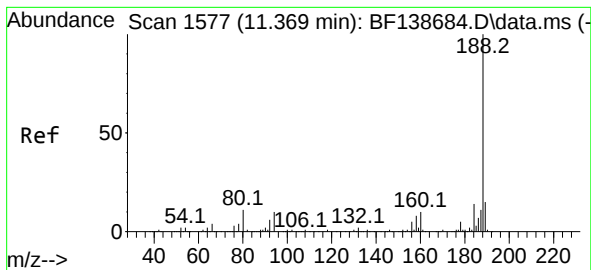
Tgt Ion:165 Resp: 15196
Ion Ratio Lower Upper
165 100
63 1.3 52.0 78.0#
89 1.9 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.852 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138890.D
Acq: 09 Aug 2024 16:02

Tgt Ion:165 Resp: 15196
Ion Ratio Lower Upper
165 100
63 1.3 46.3 69.5#
89 1.9 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138890.D

Acq: 09 Aug 2024 16:02

Instrument :

BNA_F

ClientSampleId :

MLS-15-513-528

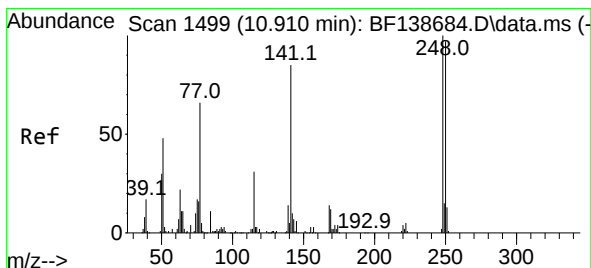
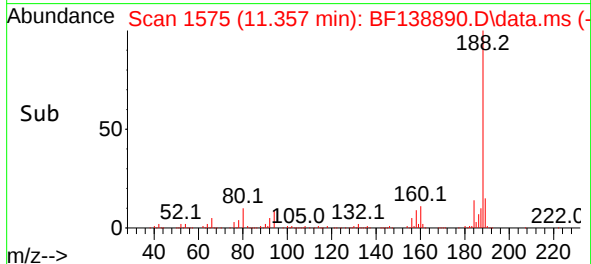
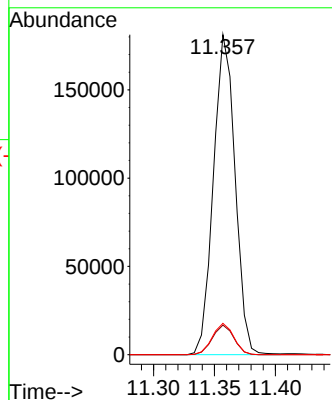
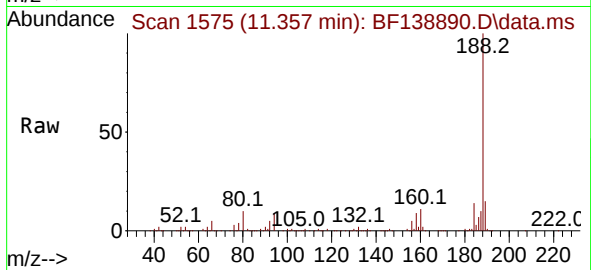
Tgt Ion:188 Resp: 224761

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.139 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138890.D

Acq: 09 Aug 2024 16:02

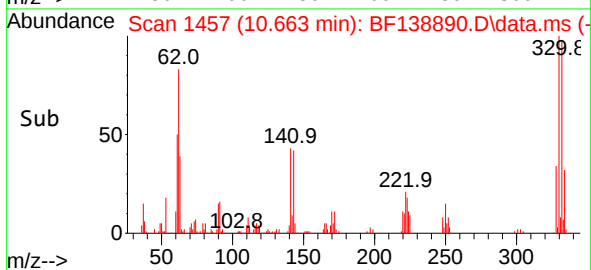
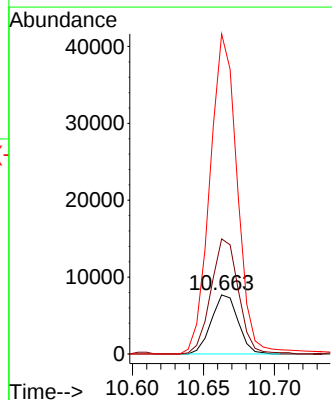
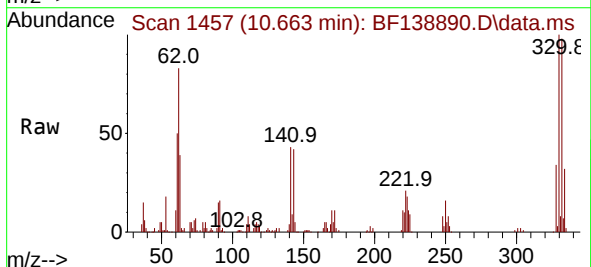
Tgt Ion:248 Resp: 10073

Ion Ratio Lower Upper

248 100

250 194.6 77.7 116.5#

141 541.5 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: BF138890.D

Acq: 09 Aug 2024 16:02

Instrument :

BNA_F

ClientSampleId :

MLS-15-513-528

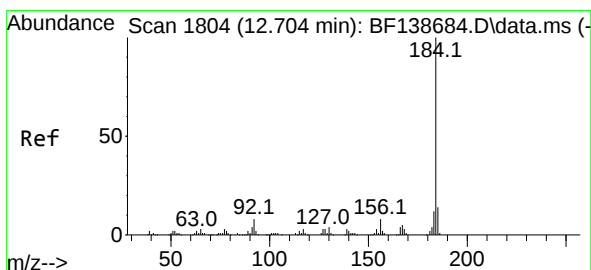
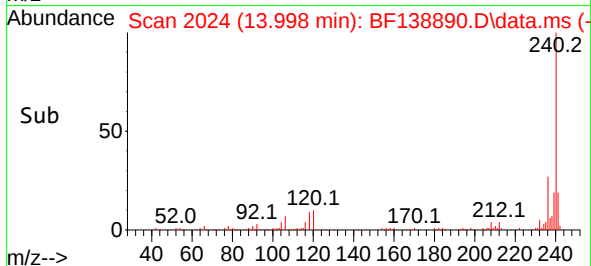
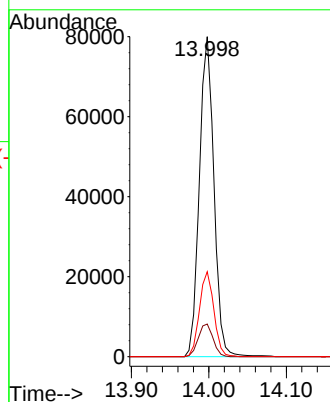
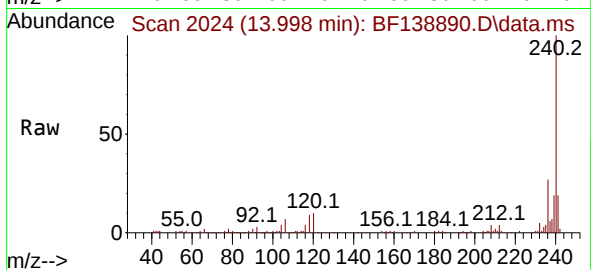
Tgt Ion:240 Resp: 104422

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

236 26.5 19.8 29.8



#77

Benzidine

Concen: 4.725 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138890.D

Acq: 09 Aug 2024 16:02

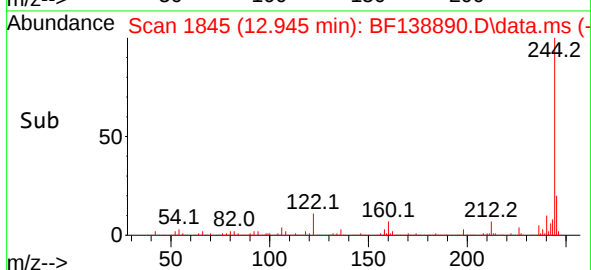
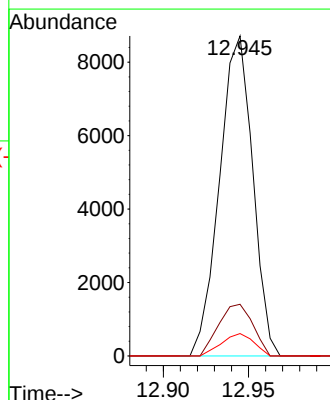
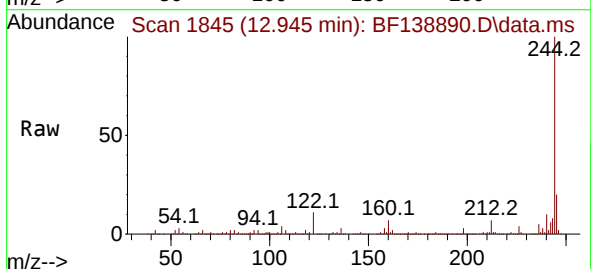
Tgt Ion:184 Resp: 11802

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

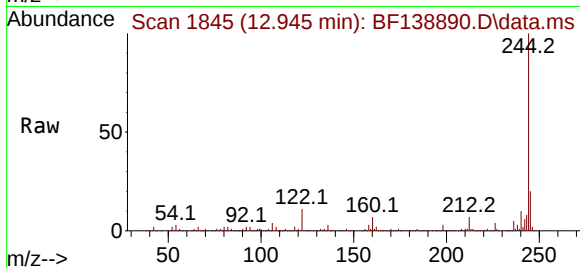
183 7.0 9.6 14.4#



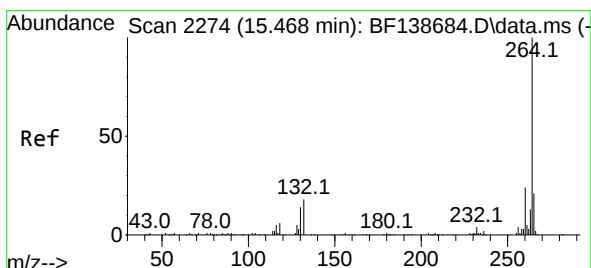
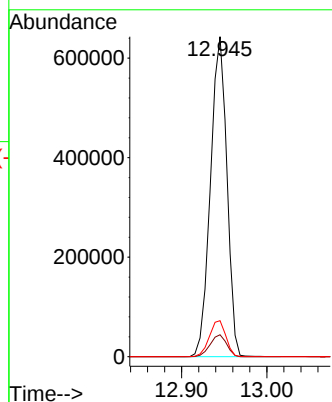
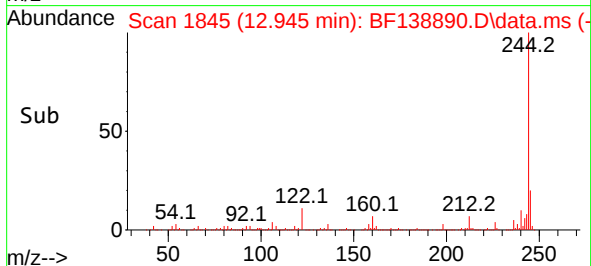


#79
 Terphenyl-d14
 Concen: 138.320 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138890.D
 Acq: 09 Aug 2024 16:02

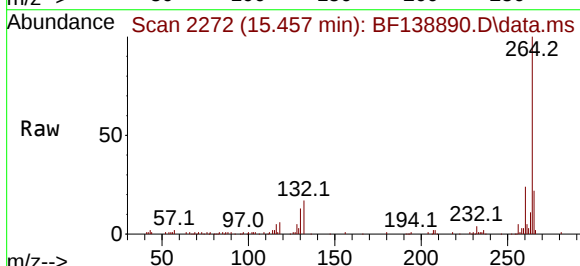
Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-513-528



Tgt Ion:244 Resp: 862685
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.2 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: BF138890.D
 Acq: 09 Aug 2024 16:02



Tgt Ion:264 Resp: 88887
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.8 17.0 25.6

