

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033221.D
 Acq On : 03 Aug 2024 03:03
 Operator : MA/JU
 Sample : P3416-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-9999

Quant Time: Aug 03 04:15:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

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

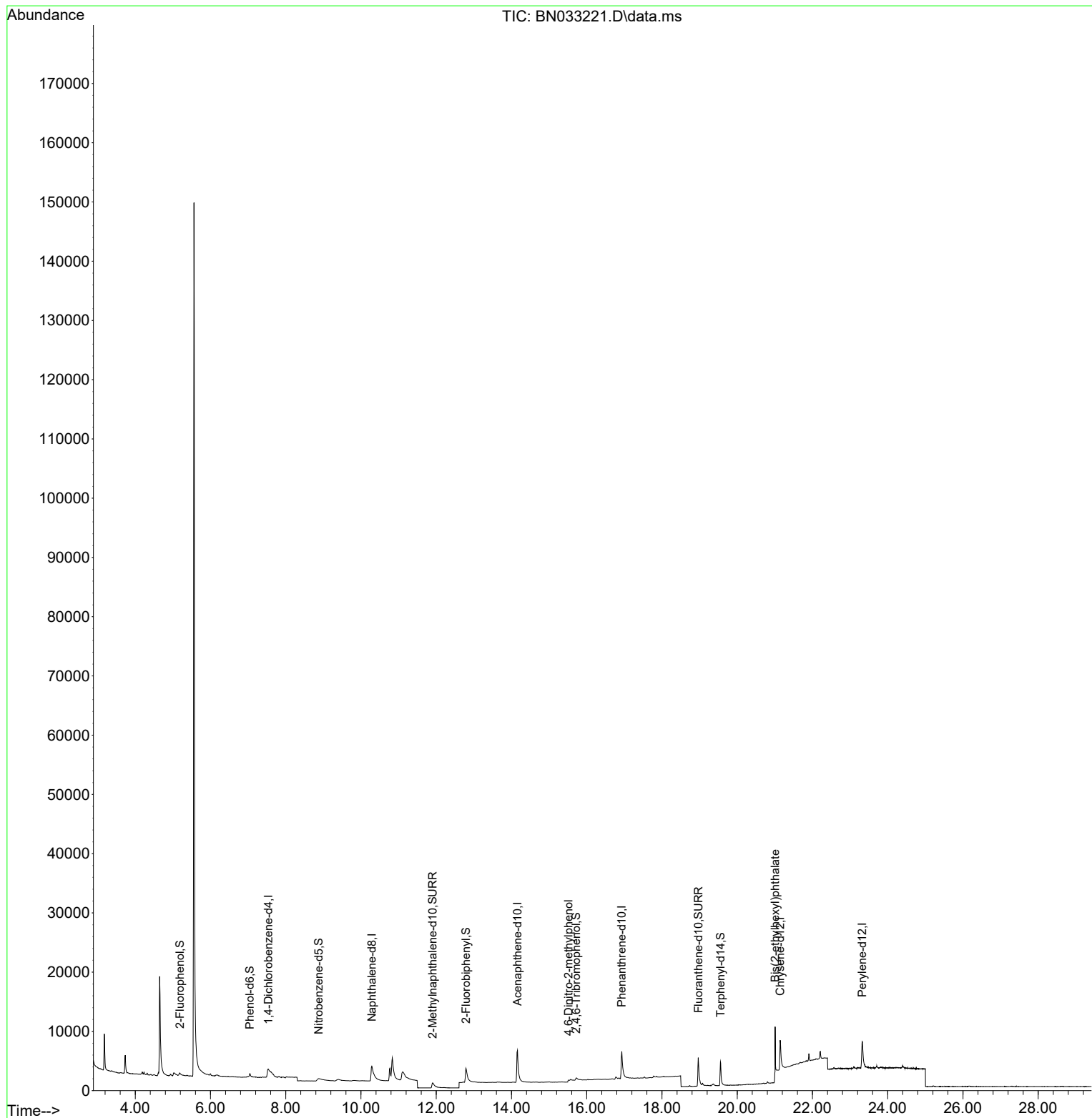
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	2710	0.400	ng	0.04
7) Naphthalene-d8	10.287	136	10542	0.400	ng	# 0.00
13) Acenaphthene-d10	14.158	164	6027	0.400	ng	0.02
19) Phenanthrene-d10	16.932	188	12243	0.400	ng	0.01
29) Chrysene-d12	21.142	240	8467	0.400	ng	0.00
35) Perylene-d12	23.323	264	9215	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1088	0.159	ng	-0.06
5) Phenol-d6	7.048	99	546	0.064	ng	0.17
8) Nitrobenzene-d5	8.877	82	1798	0.227	ng	0.06
11) 2-Methylnaphthalene-d10	11.905	152	3577	0.222	ng	0.00
14) 2,4,6-Tribromophenol	15.716	330	490	0.190	ng	0.00
15) 2-Fluorobiphenyl	12.790	172	5518	0.246	ng	0.00
27) Fluoranthene-d10	18.964	212	8467	0.267	ng	0.00
31) Terphenyl-d14	19.554	244	6455	0.372	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.517	198	3	0.294	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	5397	0.364	ng	# 95

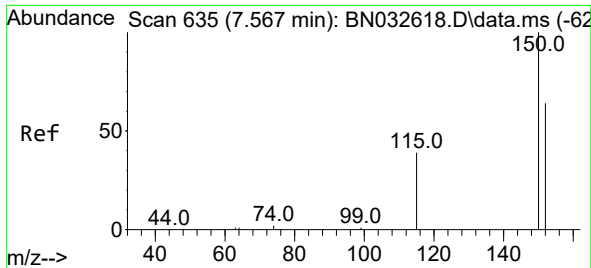
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
Response via : Initial Calibration

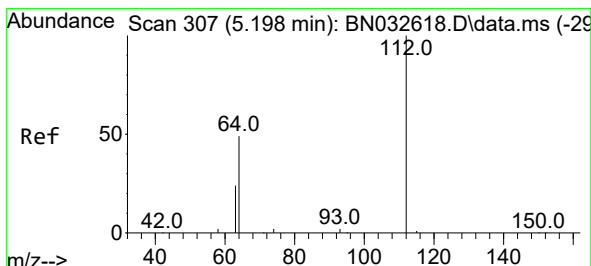
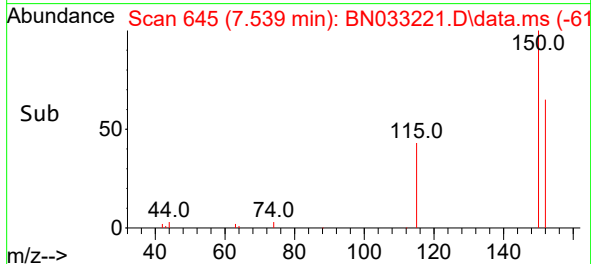
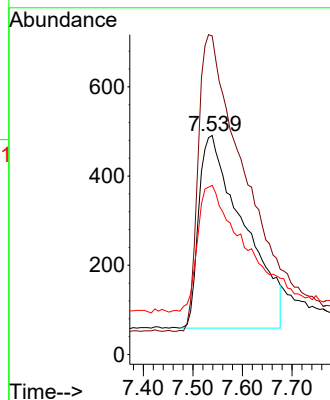
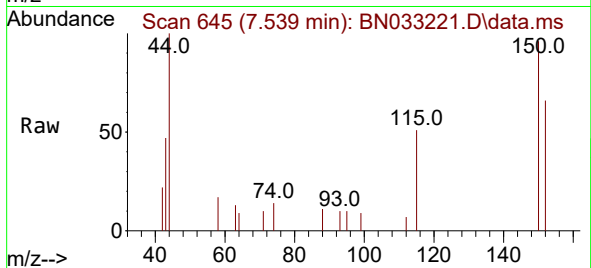




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.539 min Scan# 64
 Delta R.T. 0.036 min
 Lab File: BN033221.D
 Acq: 03 Aug 2024 03:03

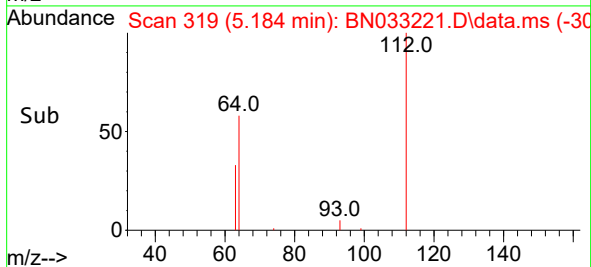
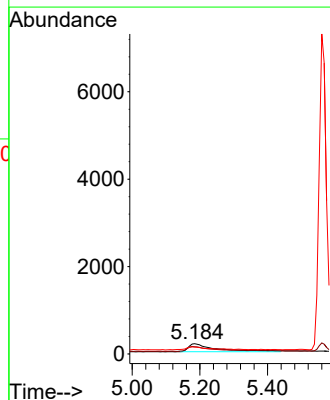
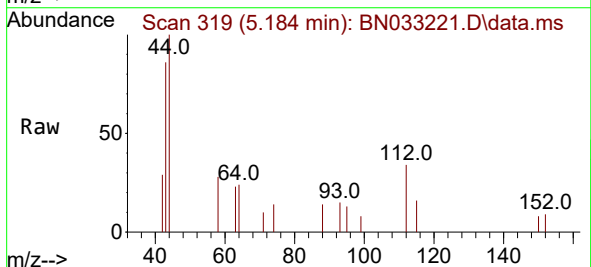
Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-9999

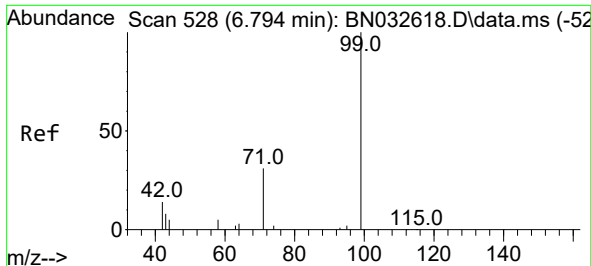
Tgt Ion:152 Resp: 2710
 Ion Ratio Lower Upper
 152 100
 150 145.4 123.8 185.6
 115 77.2 52.8 79.2



#4
 2-Fluorophenol
 Concen: 0.159 ng
 RT: 5.184 min Scan# 319
 Delta R.T. -0.058 min
 Lab File: BN033221.D
 Acq: 03 Aug 2024 03:03

Tgt Ion:112 Resp: 1088
 Ion Ratio Lower Upper
 112 100
 64 55.0 40.2 60.4
 63 18.0 22.2 33.4#

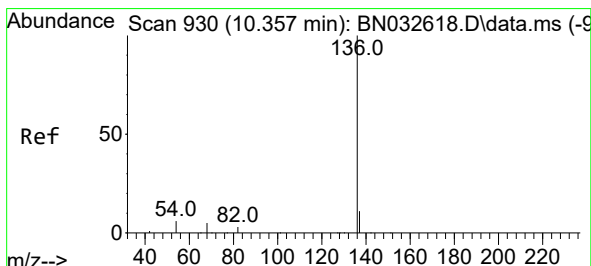
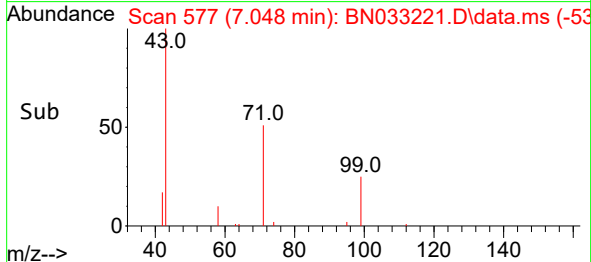
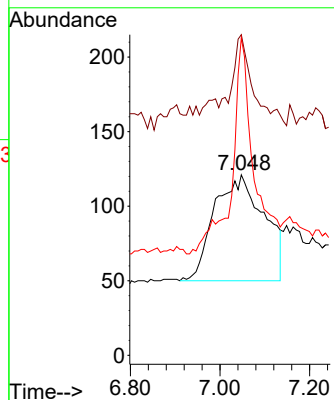
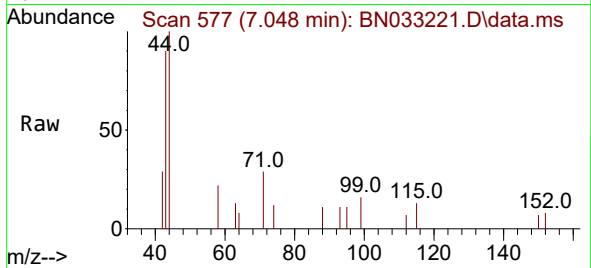




#5
Phenol-d6
Concen: 0.064 ng
RT: 7.048 min Scan# 51
Delta R.T. 0.166 min
Lab File: BN033221.D
Acq: 03 Aug 2024 03:03

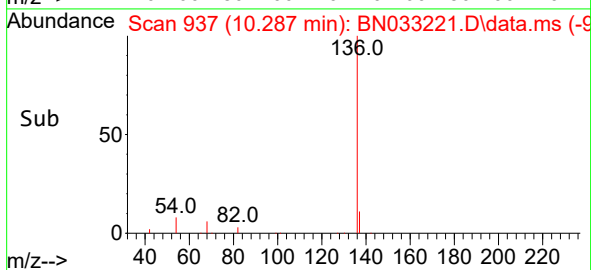
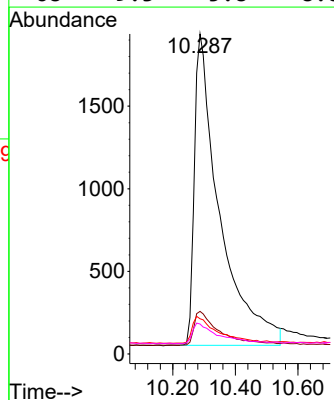
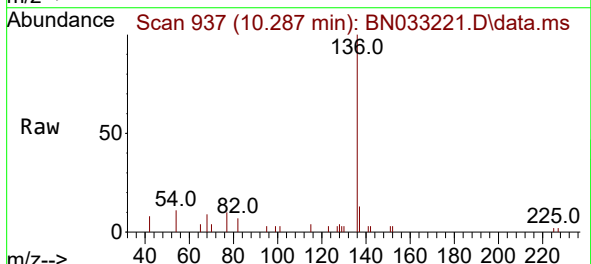
Instrument :
BNA_N
ClientSampleId :
MLS-15-9999

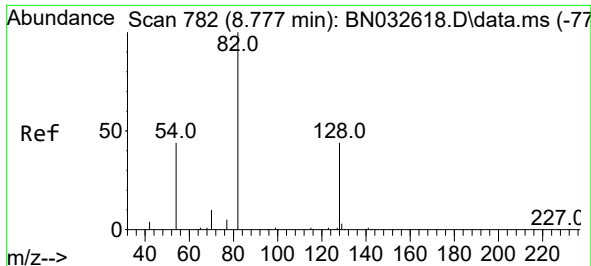
Tgt Ion: 99 Resp: 546
Ion Ratio Lower Upper
99 100
42 25.6 10.5 15.7#
71 89.9 22.3 33.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.287 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN033221.D
Acq: 03 Aug 2024 03:03

Tgt Ion: 136 Resp: 10542
Ion Ratio Lower Upper
136 100
137 13.3 9.9 14.9
54 11.0 6.5 9.7#
68 9.3 5.8 8.8#

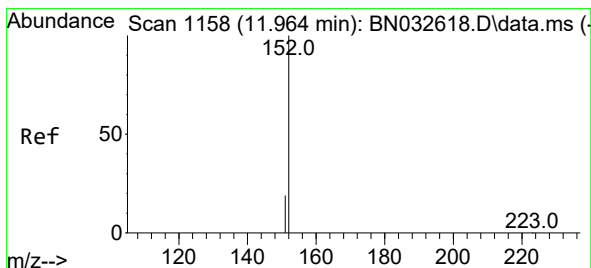
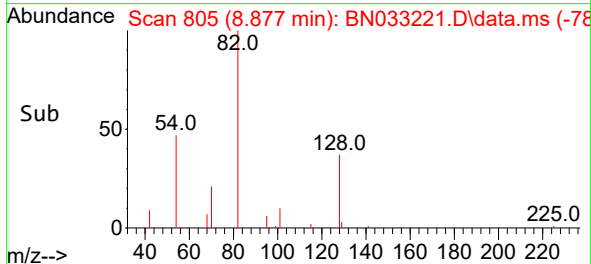
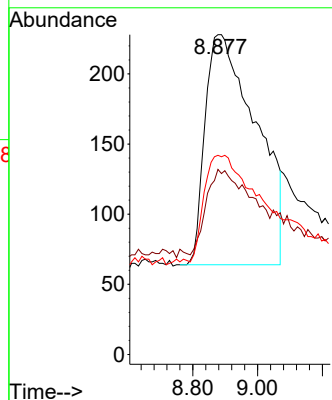
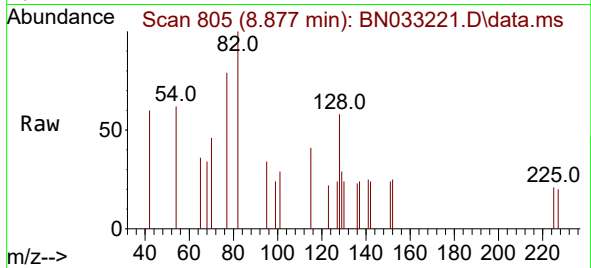




#8
 Nitrobenzene-d5
 Concen: 0.227 ng
 RT: 8.877 min Scan# 80
 Delta R.T. 0.064 min
 Lab File: BN033221.D
 Acq: 03 Aug 2024 03:03

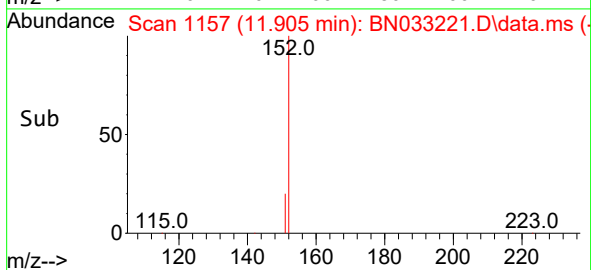
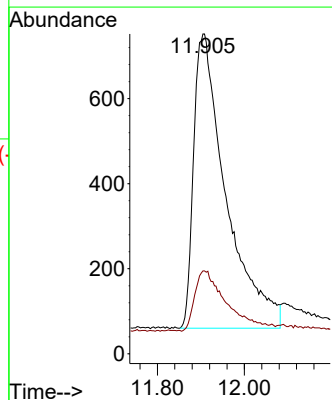
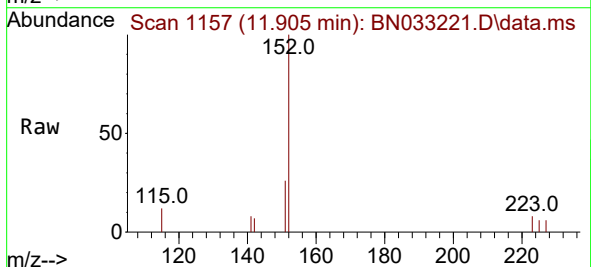
Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-9999

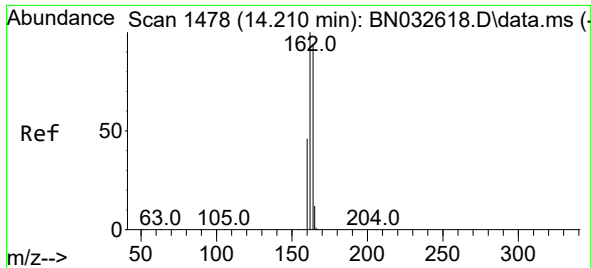
Tgt Ion: 82 Resp: 1798
 Ion Ratio Lower Upper
 82 100
 128 57.9 41.7 62.5
 54 62.3 39.5 59.3#



#11
 2-Methylnaphthalene-d10
 Concen: 0.222 ng
 RT: 11.905 min Scan# 1157
 Delta R.T. 0.004 min
 Lab File: BN033221.D
 Acq: 03 Aug 2024 03:03

Tgt Ion:152 Resp: 3577
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.2

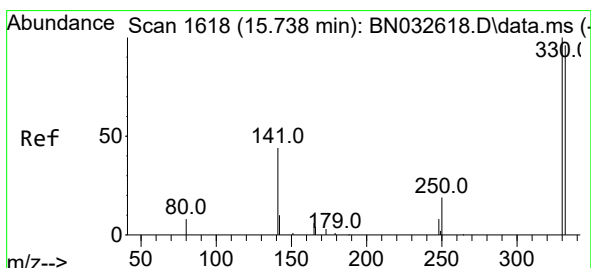
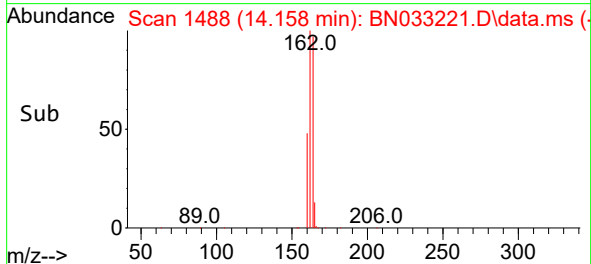
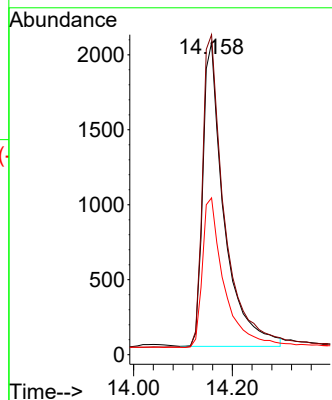
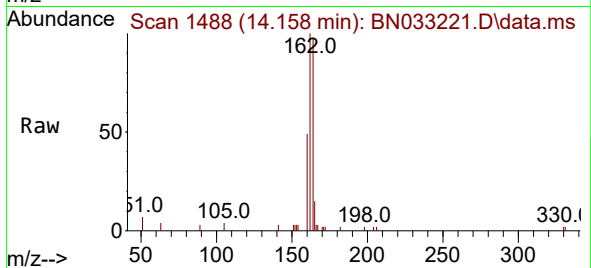




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.158 min Scan# 1478
Delta R.T. 0.021 min
Lab File: BN033221.D
Acq: 03 Aug 2024 03:03

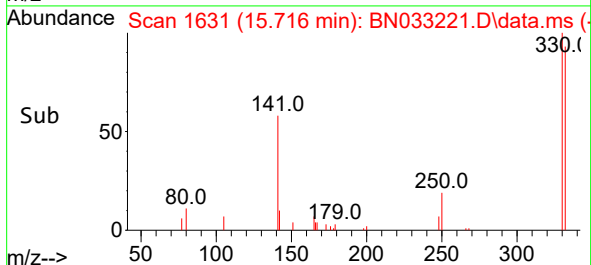
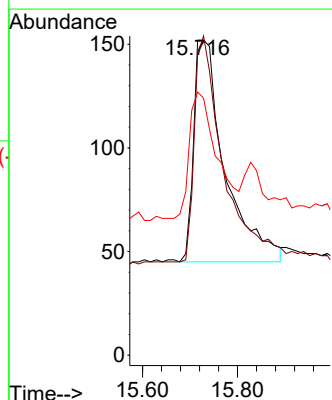
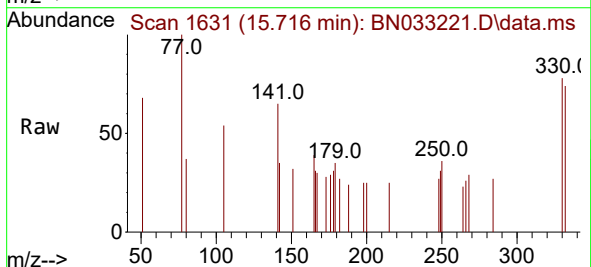
Instrument :
BNA_N
ClientSampleId :
MLS-15-9999

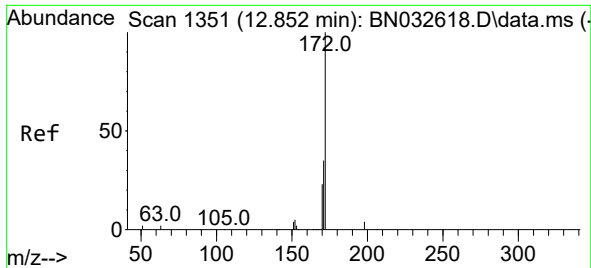
Tgt Ion:164 Resp: 6027
Ion Ratio Lower Upper
164 100
162 102.5 85.0 127.4
160 50.3 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 0.190 ng
RT: 15.716 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BN033221.D
Acq: 03 Aug 2024 03:03

Tgt Ion:330 Resp: 490
Ion Ratio Lower Upper
330 100
332 94.3 77.8 116.8
141 50.6 34.2 51.2

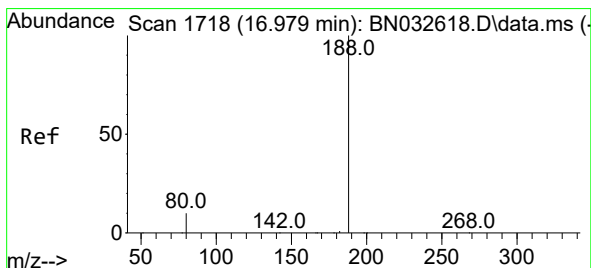
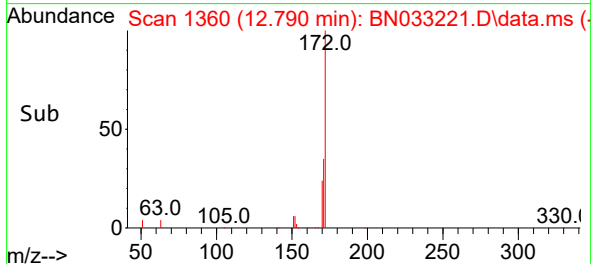
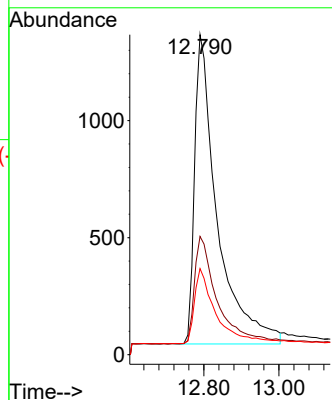
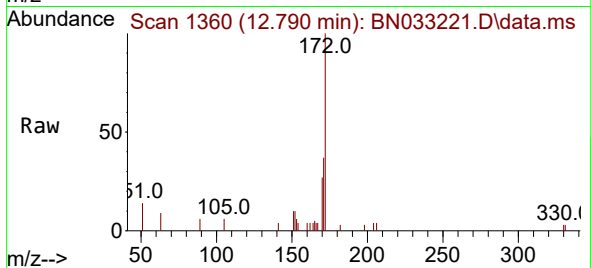




#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 12.790 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033221.D
Acq: 03 Aug 2024 03:03

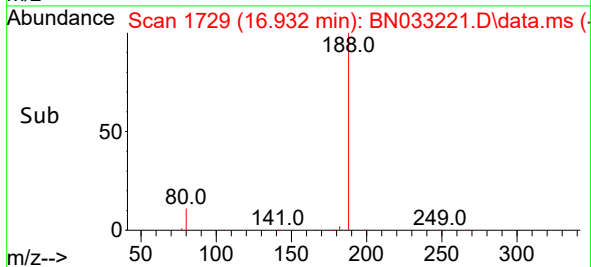
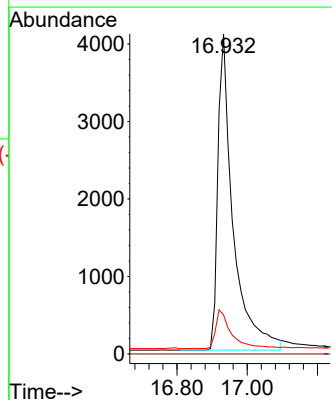
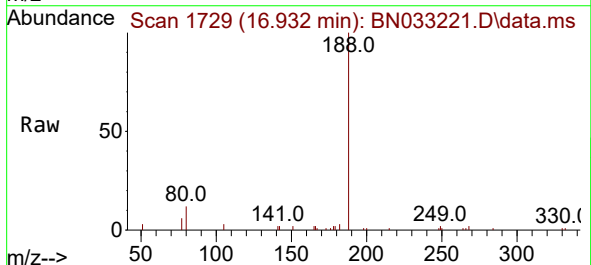
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ClientSampleId :
MLS-15-9999

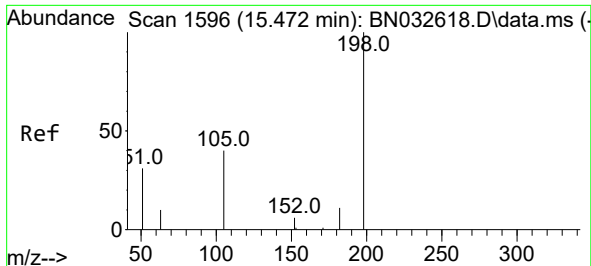
Tgt Ion:172 Resp: 5518
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 26.9 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.932 min Scan# 1729
Delta R.T. 0.012 min
Lab File: BN033221.D
Acq: 03 Aug 2024 03:03

Tgt Ion:188 Resp: 12243
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 8.8 13.2

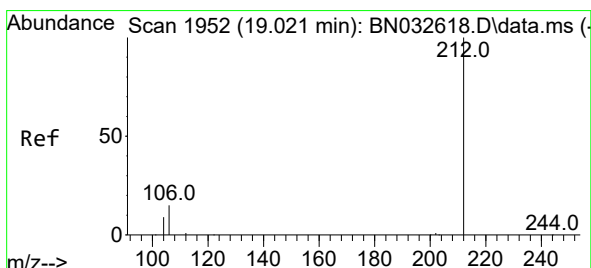
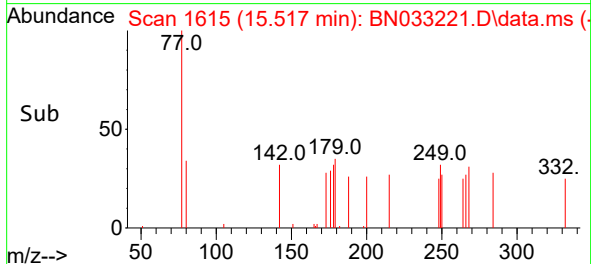
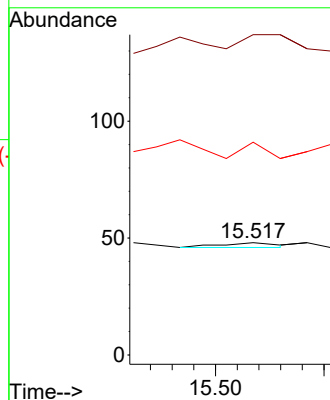
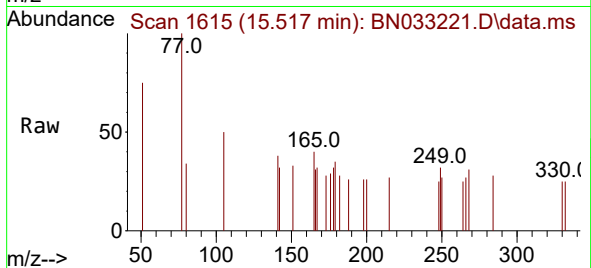




#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.517 min Scan# 1
Delta R.T. -0.037 min
Lab File: BN033221.D
Acq: 03 Aug 2024 03:03

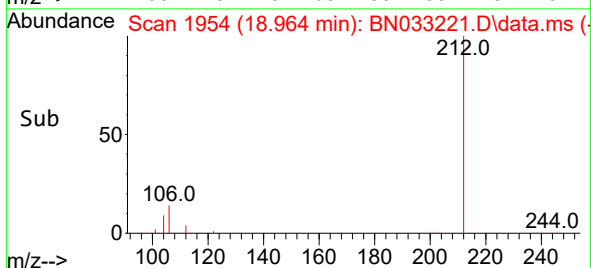
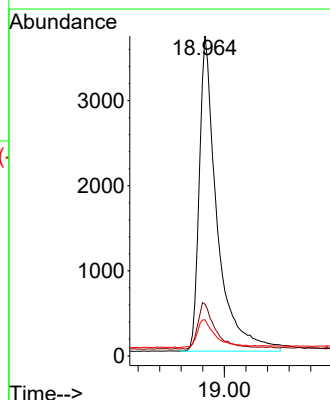
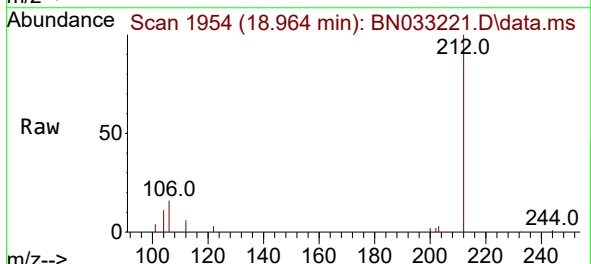
Instrument :
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ClientSampleId :
MLS-15-9999

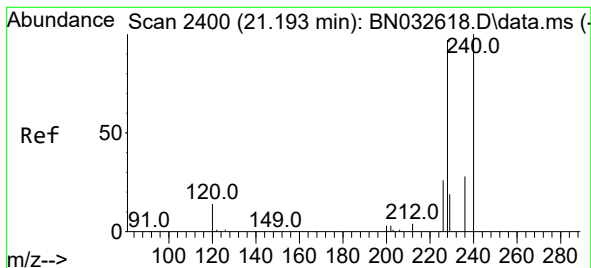
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 285.4 105.7 158.5#
105 189.6 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.267 ng
RT: 18.964 min Scan# 1954
Delta R.T. 0.005 min
Lab File: BN033221.D
Acq: 03 Aug 2024 03:03

Tgt Ion:212 Resp: 8467
Ion Ratio Lower Upper
212 100
106 14.7 11.9 17.9
104 9.3 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.142 min Scan# 2409

Delta R.T. 0.009 min

Lab File: BN033221.D

Acq: 03 Aug 2024 03:03

Instrument :

BNA_N

ClientSampleId :

MLS-15-9999

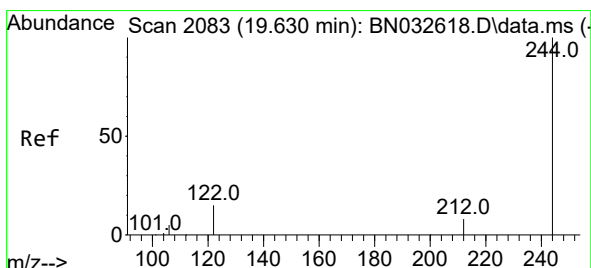
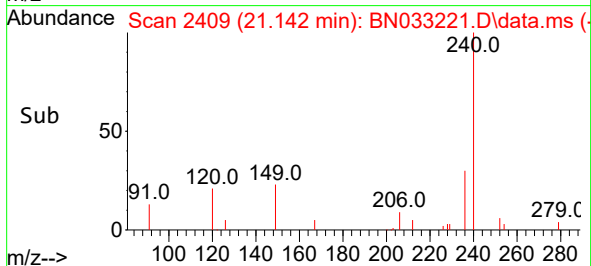
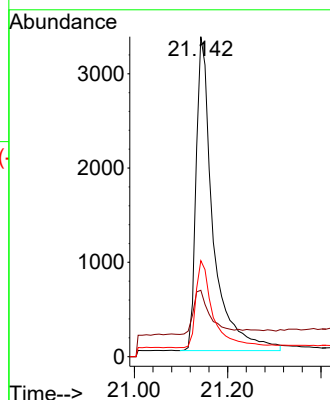
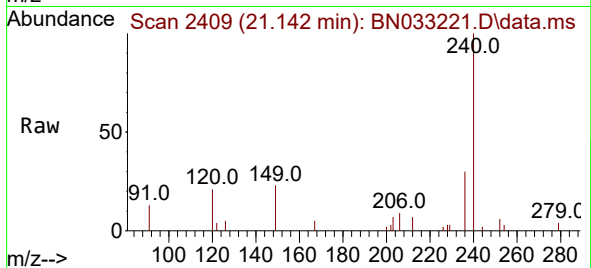
Tgt Ion:240 Resp: 8467

Ion Ratio Lower Upper

240 100

120 20.7 14.8 22.2

236 30.0 23.3 34.9



#31

Terphenyl-d14

Concen: 0.372 ng

RT: 19.554 min Scan# 2081

Delta R.T. -0.009 min

Lab File: BN033221.D

Acq: 03 Aug 2024 03:03

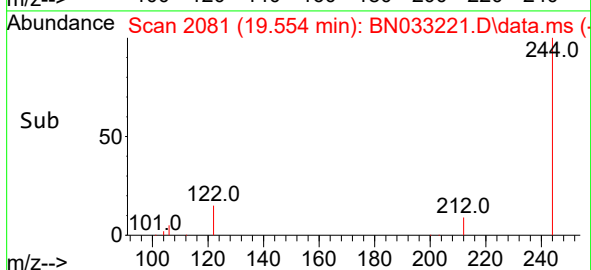
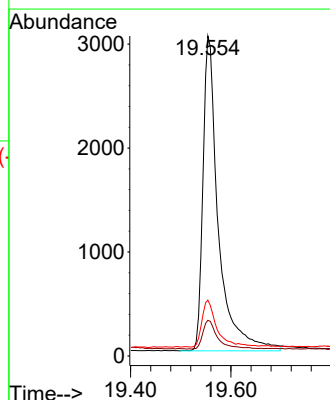
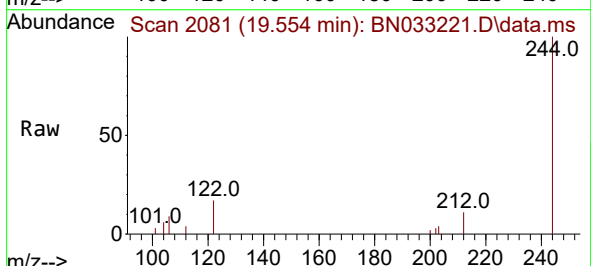
Tgt Ion:244 Resp: 6455

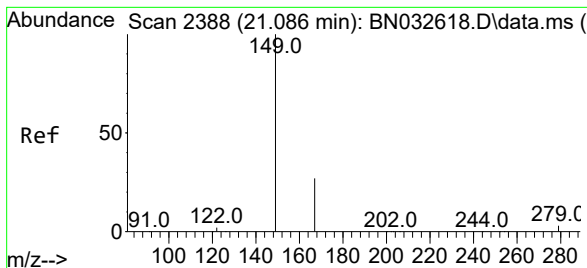
Ion Ratio Lower Upper

244 100

212 11.2 7.5 11.3

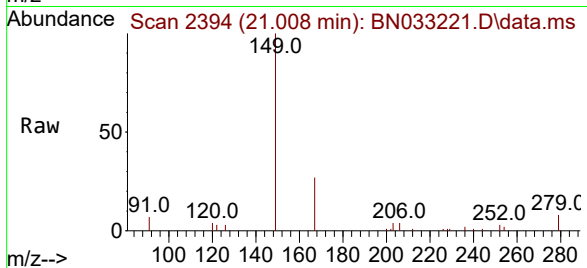
122 17.5 12.6 19.0



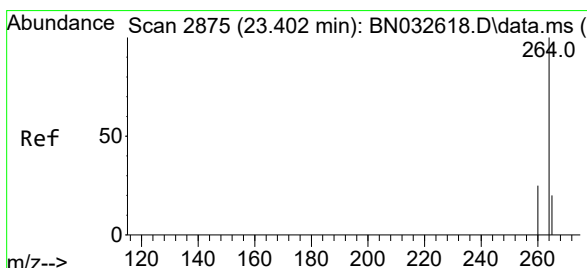
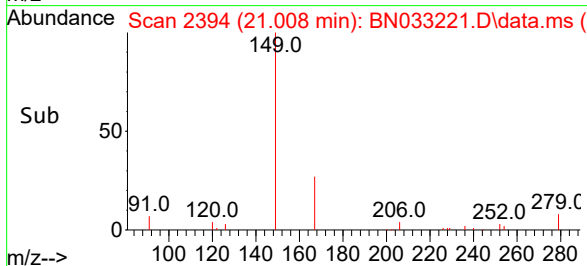
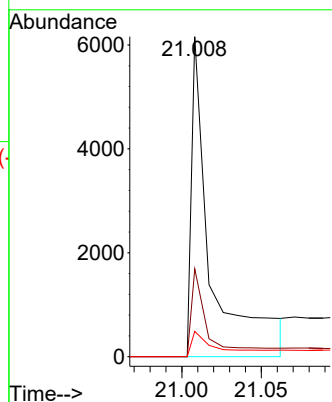


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.364 ng
RT: 21.008 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN033221.D
Acq: 03 Aug 2024 03:03

Instrument :
BNA_N
ClientSampleId :
MLS-15-9999



Tgt Ion:149 Resp: 5397
Ion Ratio Lower Upper
149 100
167 25.3 21.4 32.2
279 10.4 2.8 4.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.323 min Scan# 2864
Delta R.T. 0.009 min
Lab File: BN033221.D
Acq: 03 Aug 2024 03:03

Tgt Ion:264 Resp: 9215
Ion Ratio Lower Upper
264 100
260 27.5 20.9 31.3
265 86.9 85.4 128.2

