

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033219.D
 Acq On : 03 Aug 2024 01:51
 Operator : MA/JU
 Sample : P3416-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-106-121

Quant Time: Aug 03 04:14:43 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)

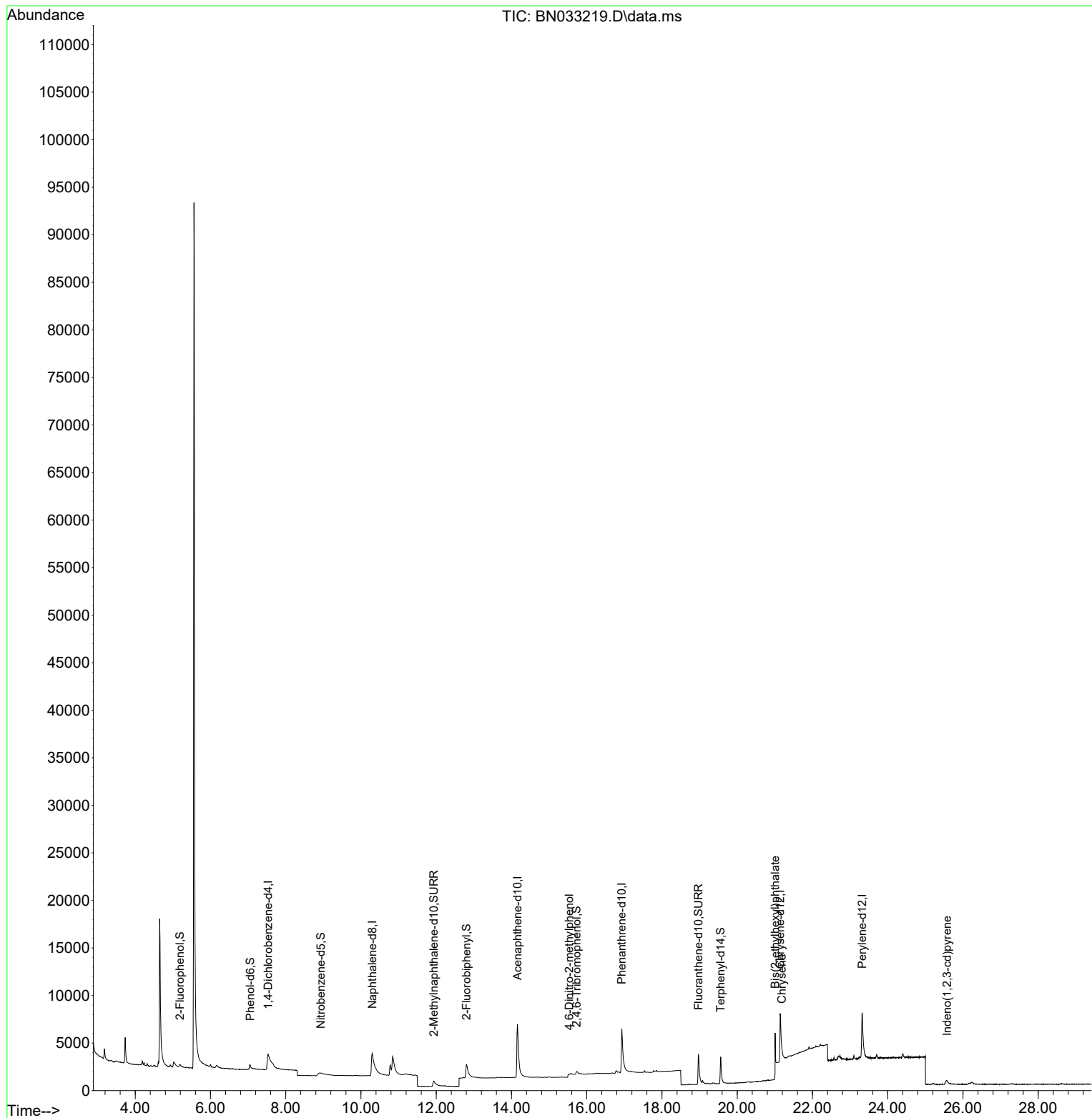
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.532	152	3085	0.400	ng	0.03
7) Naphthalene-d8	10.297	136	10943	0.400	ng	# 0.01
13) Acenaphthene-d10	14.158	164	6793	0.400	ng	0.02
19) Phenanthrene-d10	16.932	188	13060	0.400	ng	# 0.01
29) Chrysene-d12	21.142	240	8358	0.400	ng	0.00
35) Perylene-d12	23.320	264	9800	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	725	0.093	ng	-0.06
5) Phenol-d6	7.055	99	264	0.027	ng	0.17
8) Nitrobenzene-d5	8.931	82	1258	0.153	ng	0.12
11) 2-Methylnaphthalene-d10	11.935	152	2497	0.149	ng	0.03
14) 2,4,6-Tribromophenol	15.728	330	370	0.127	ng	0.01
15) 2-Fluorobiphenyl	12.800	172	3778	0.149	ng	0.01
27) Fluoranthene-d10	18.969	212	6238	0.185	ng	0.00
31) Terphenyl-d14	19.559	244	4992	0.291	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.530	198	5	0.295	ng	# 1
33) Chrysene	21.187	228	732	0.023	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.008	149	3822	0.261	ng	# 81
36) Indeno(1,2,3-cd)pyrene	25.574	276	776	0.020	ng	# 78

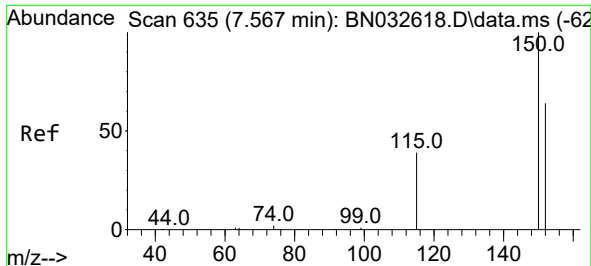
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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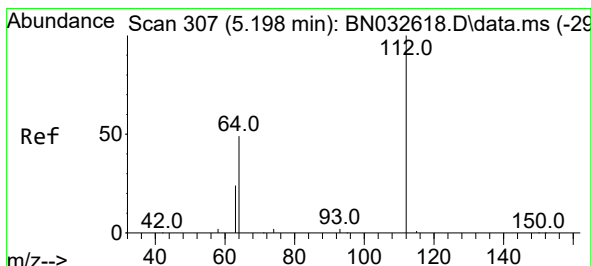
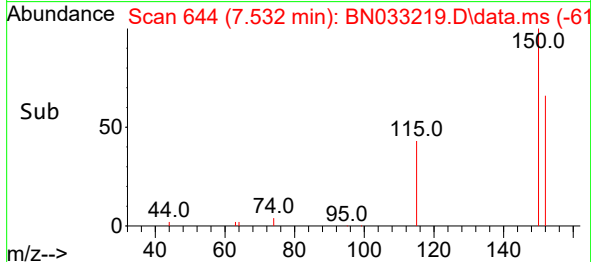
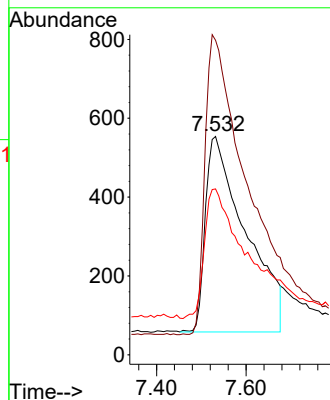
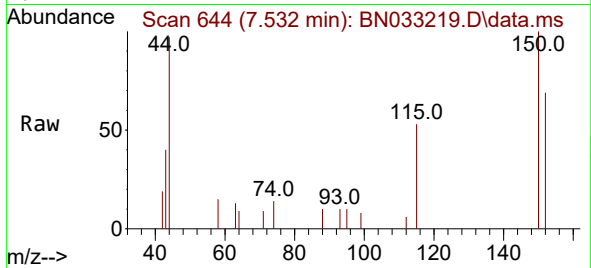




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.532 min Scan# 644
Delta R.T. 0.029 min
Lab File: BN033219.D
Acq: 03 Aug 2024 01:51

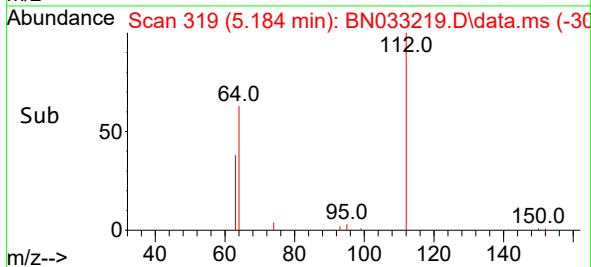
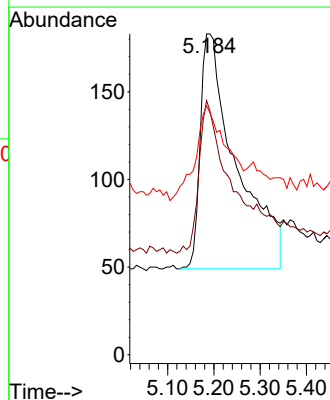
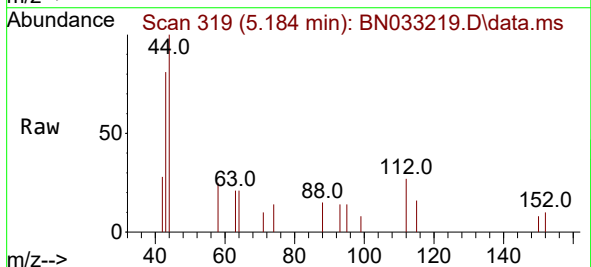
Instrument :
BNA_N
ClientSampleId :
MLS-15-106-121

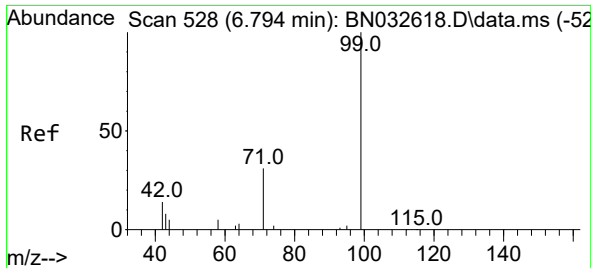
Tgt Ion:152 Resp: 3085
Ion Ratio Lower Upper
152 100
150 144.0 123.8 185.6
115 76.0 52.8 79.2



#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.058 min
Lab File: BN033219.D
Acq: 03 Aug 2024 01:51

Tgt Ion:112 Resp: 725
Ion Ratio Lower Upper
112 100
64 61.4 40.2 60.4#
63 25.5 22.2 33.4

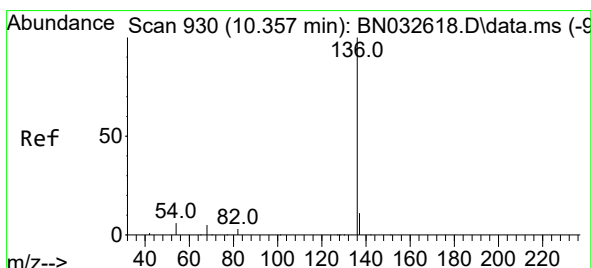
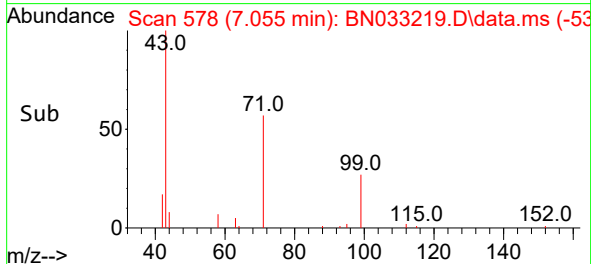
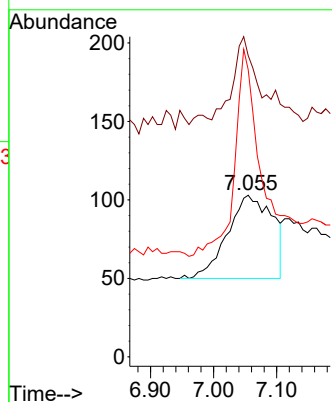
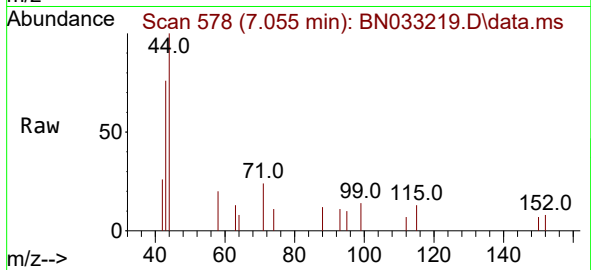




#5
Phenol-d6
Concen: 0.027 ng
RT: 7.055 min Scan# 51
Delta R.T. 0.173 min
Lab File: BN033219.D
Acq: 03 Aug 2024 01:51

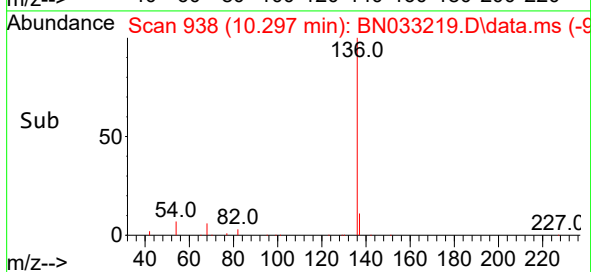
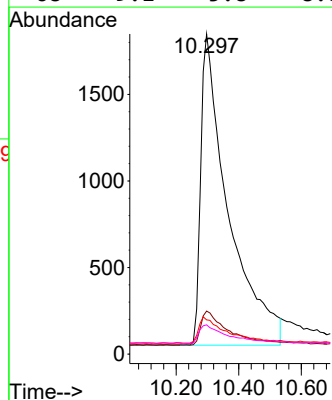
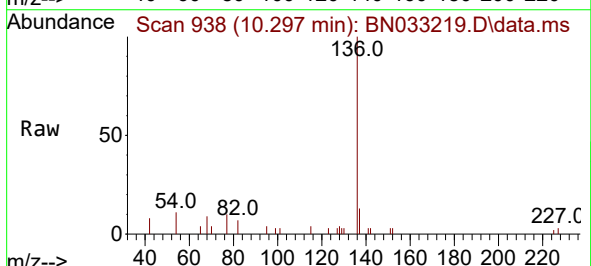
Instrument :
BNA_N
ClientSampleId :
MLS-15-106-121

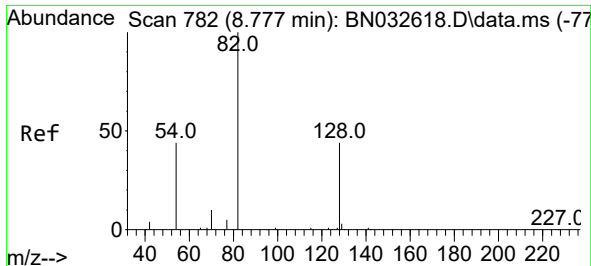
Tgt Ion: 99 Resp: 264
Ion Ratio Lower Upper
99 100
42 61.4 10.5 15.7#
71 148.1 22.3 33.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.297 min Scan# 938
Delta R.T. 0.011 min
Lab File: BN033219.D
Acq: 03 Aug 2024 01:51

Tgt Ion: 136 Resp: 10943
Ion Ratio Lower Upper
136 100
137 13.4 9.9 14.9
54 10.7 6.5 9.7#
68 9.1 5.8 8.8#

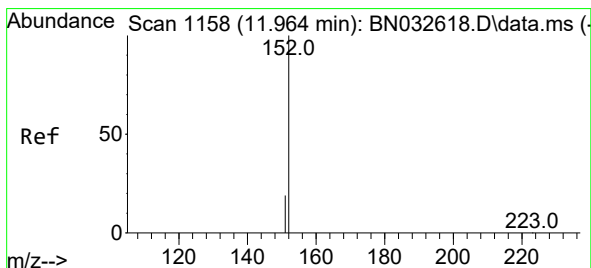
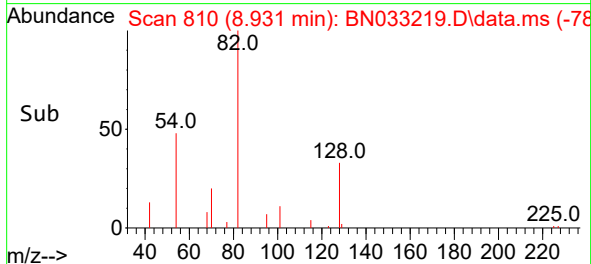
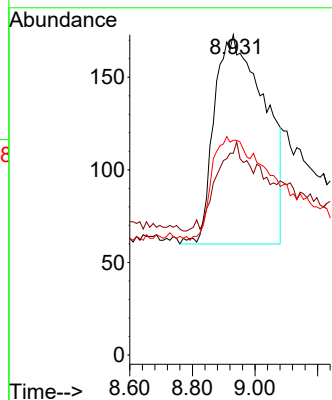
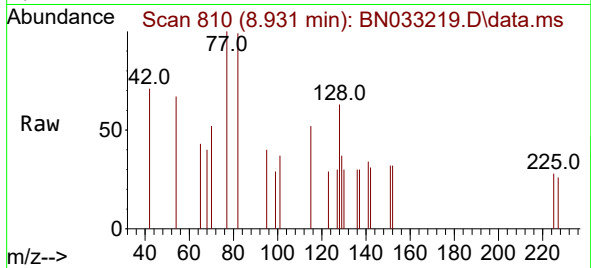




#8
Nitrobenzene-d5
Concen: 0.153 ng
RT: 8.931 min Scan# 81
Delta R.T. 0.117 min
Lab File: BN033219.D
Acq: 03 Aug 2024 01:51

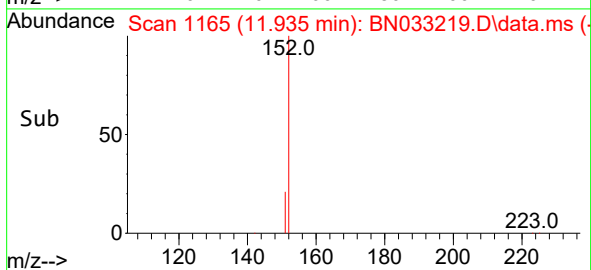
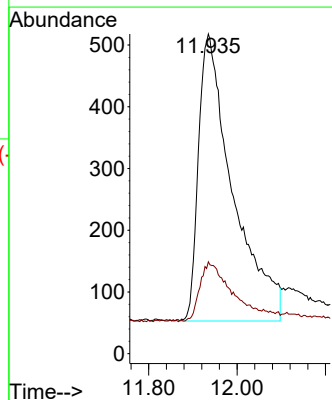
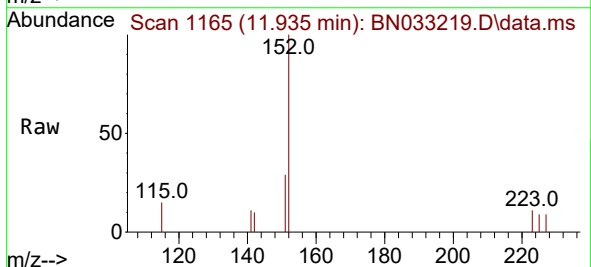
Instrument :
BNA_N
ClientSampleId :
MLS-15-106-121

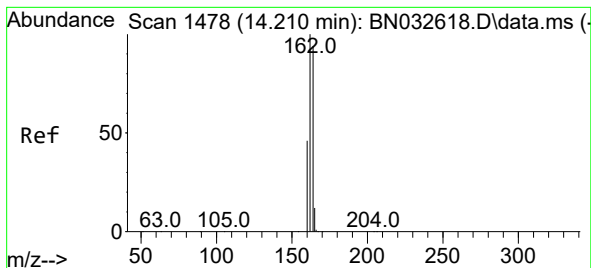
Tgt Ion: 82 Resp: 1258
Ion Ratio Lower Upper
82 100
128 63.0 41.7 62.5#
54 67.1 39.5 59.3#



#11
2-Methylnaphthalene-d10
Concen: 0.149 ng
RT: 11.935 min Scan# 1165
Delta R.T. 0.034 min
Lab File: BN033219.D
Acq: 03 Aug 2024 01:51

Tgt Ion:152 Resp: 2497
Ion Ratio Lower Upper
152 100
151 19.0 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: BN033219.D

Acq: 03 Aug 2024 01:51

Instrument :

BNA_N

ClientSampleId :

MLS-15-106-121

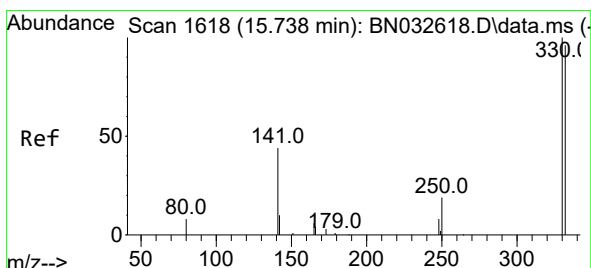
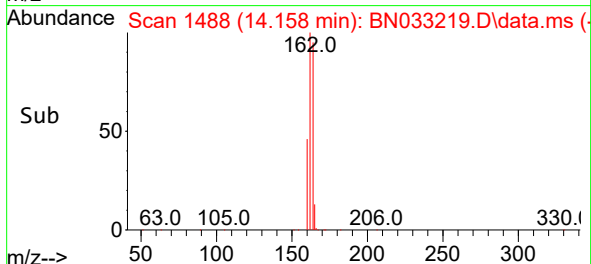
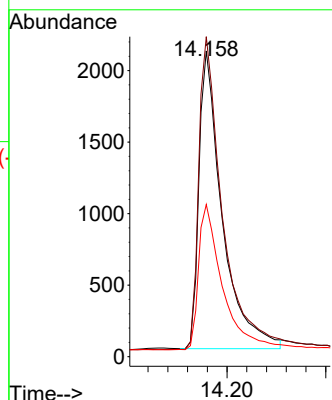
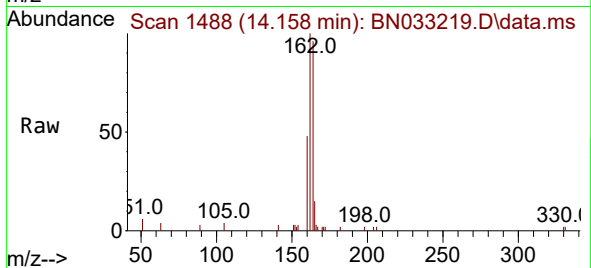
Tgt Ion:164 Resp: 6793

Ion Ratio Lower Upper

164 100

162 104.6 85.0 127.4

160 49.8 39.4 59.2



#14

2,4,6-Tribromophenol

Concen: 0.127 ng

RT: 15.728 min Scan# 1632

Delta R.T. 0.012 min

Lab File: BN033219.D

Acq: 03 Aug 2024 01:51

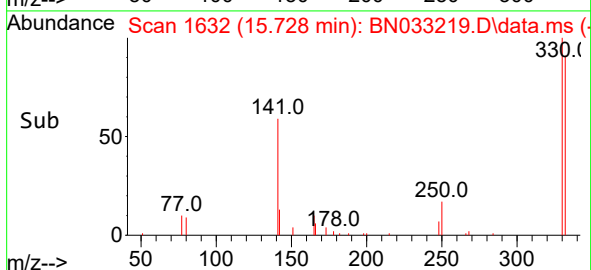
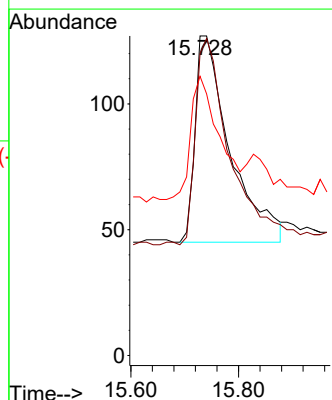
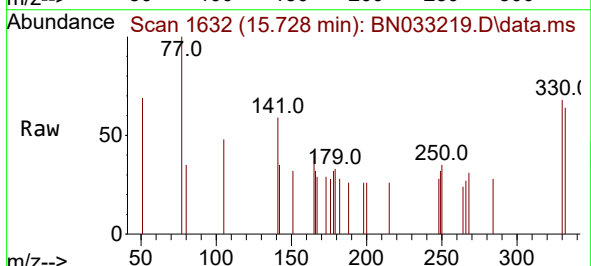
Tgt Ion:330 Resp: 370

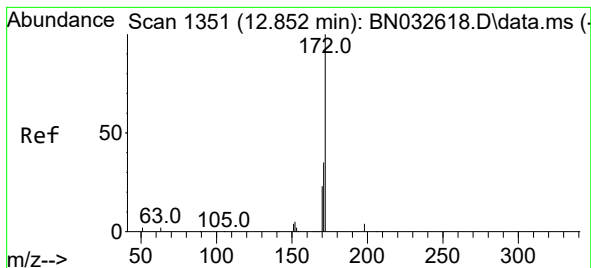
Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.8

141 49.2 34.2 51.2





#15

2-Fluorobiphenyl

Concen: 0.149 ng

RT: 12.800 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN033219.D

Acq: 03 Aug 2024 01:51

Instrument :

BNA_N

ClientSampleId :

MLS-15-106-121

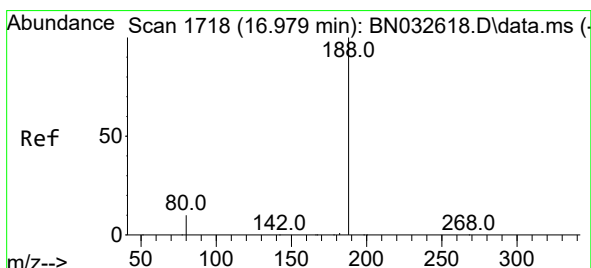
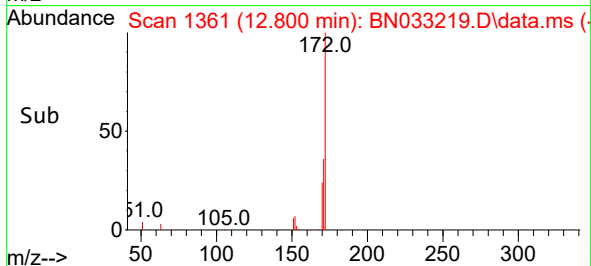
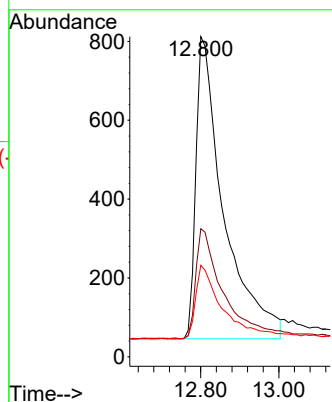
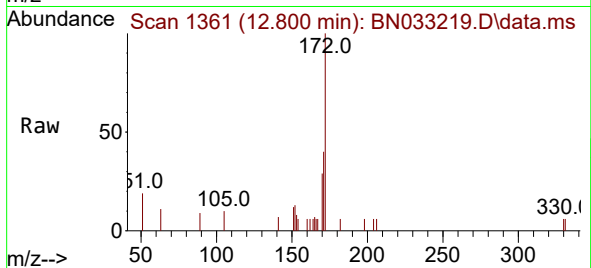
Tgt Ion:172 Resp: 3778

Ion Ratio Lower Upper

172 100

171 40.0 28.6 43.0

170 28.6 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: BN033219.D

Acq: 03 Aug 2024 01:51

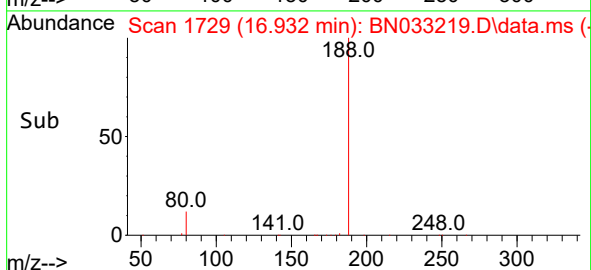
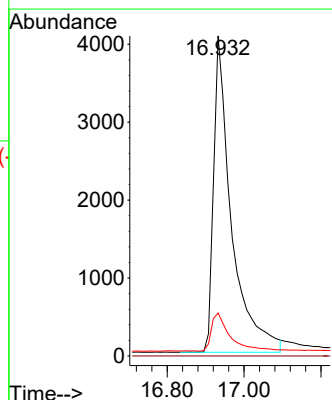
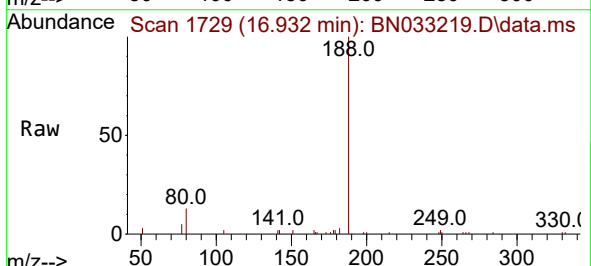
Tgt Ion:188 Resp: 13060

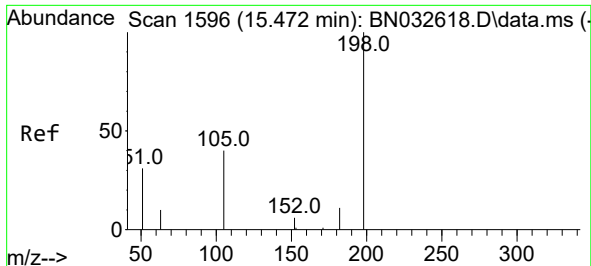
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.4 8.8 13.2#

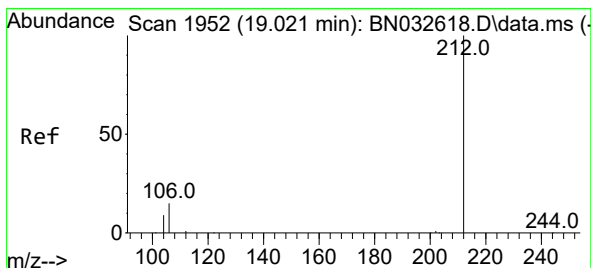
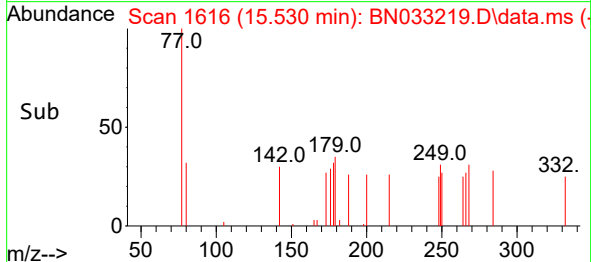
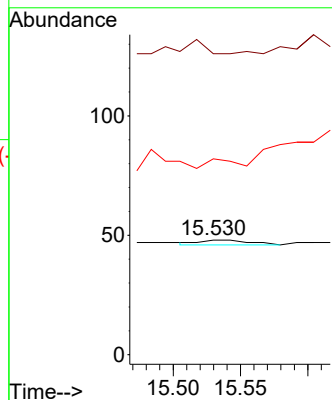
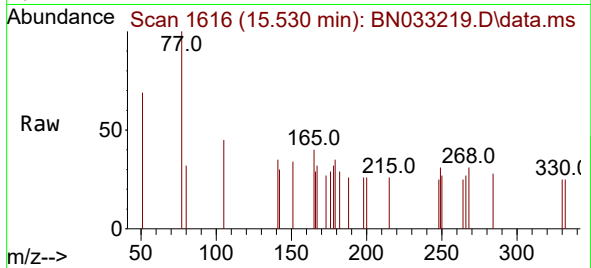




#20
4,6-Dinitro-2-methylphenol
Concen: 0.295 ng
RT: 15.530 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN033219.D
Acq: 03 Aug 2024 01:51

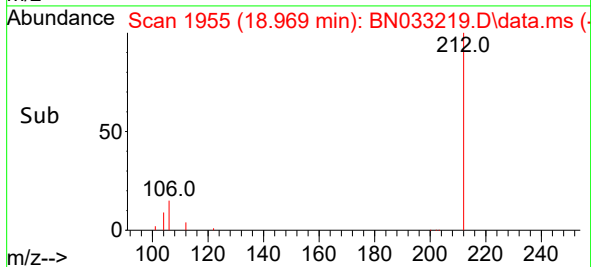
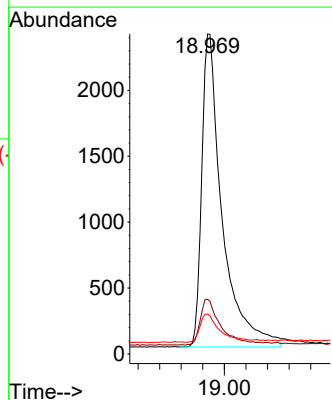
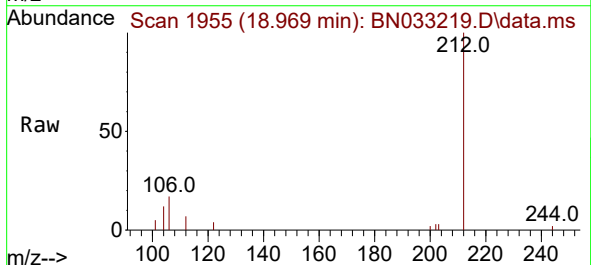
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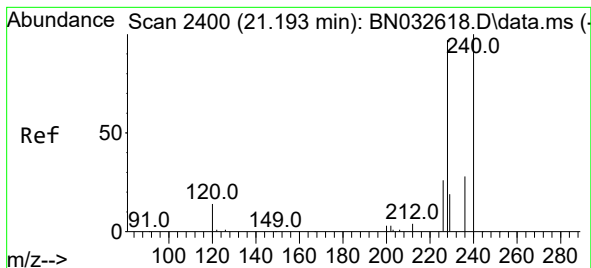
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 262.5 105.7 158.5#
105 170.8 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.185 ng
RT: 18.969 min Scan# 1955
Delta R.T. 0.009 min
Lab File: BN033219.D
Acq: 03 Aug 2024 01:51

Tgt Ion:212 Resp: 6238
Ion Ratio Lower Upper
212 100
106 14.5 11.9 17.9
104 8.8 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: BN033219.D

Acq: 03 Aug 2024 01:51

Instrument :

BNA_N

ClientSampleId :

MLS-15-106-121

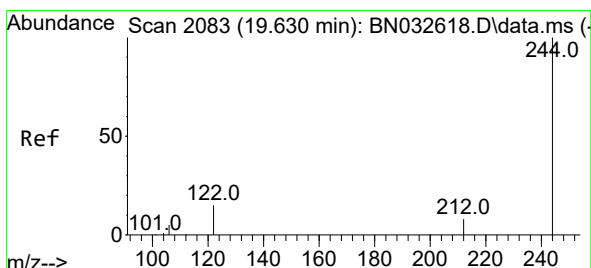
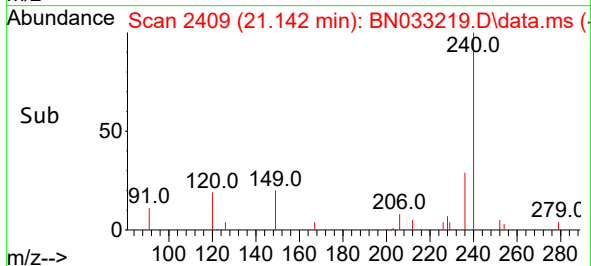
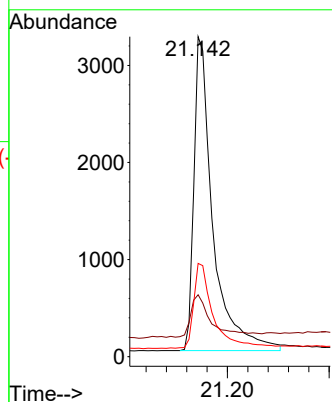
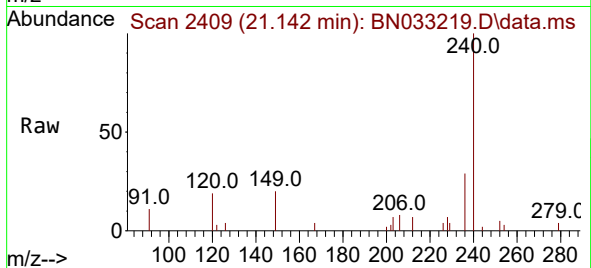
Tgt Ion:240 Resp: 8358

Ion Ratio Lower Upper

240 100

120 19.3 14.8 22.2

236 29.2 23.3 34.9



#31

Terphenyl-d14

Concen: 0.291 ng

RT: 19.559 min Scan# 2082

Delta R.T. -0.005 min

Lab File: BN033219.D

Acq: 03 Aug 2024 01:51

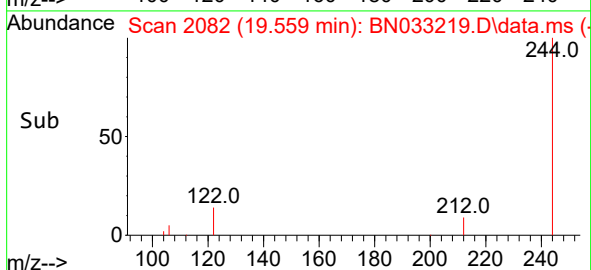
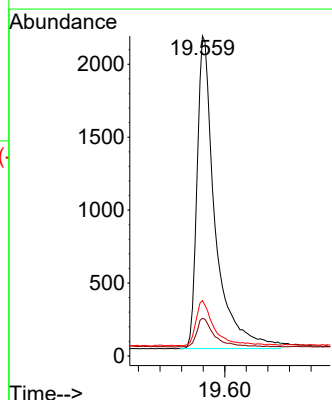
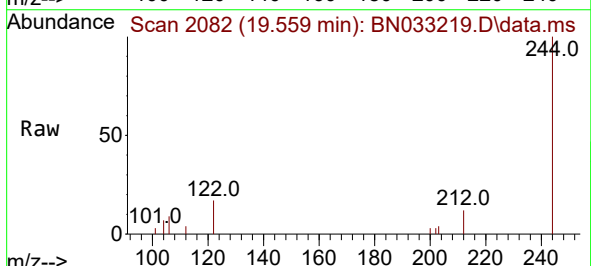
Tgt Ion:244 Resp: 4992

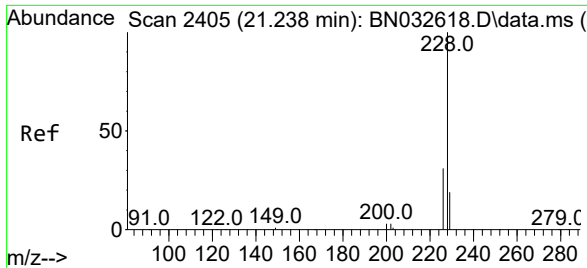
Ion Ratio Lower Upper

244 100

212 11.8 7.5 11.3#

122 17.3 12.6 19.0





#33

Chrysene

Concen: 0.023 ng

RT: 21.187 min Scan# 2414

Delta R.T. 0.018 min

Lab File: BN033219.D

Acq: 03 Aug 2024 01:51

Instrument :

BNA_N

ClientSampleId :

MLS-15-106-121

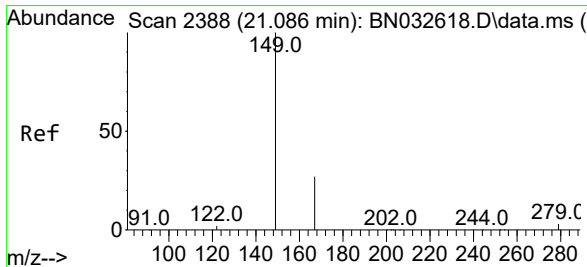
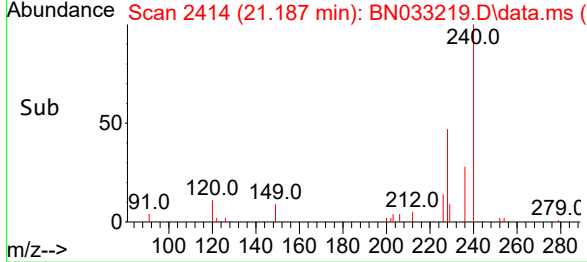
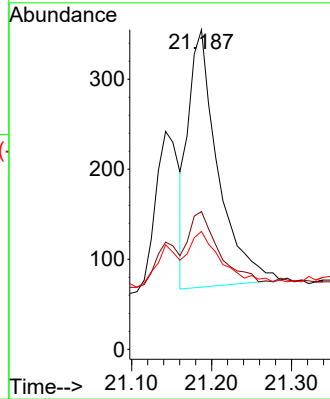
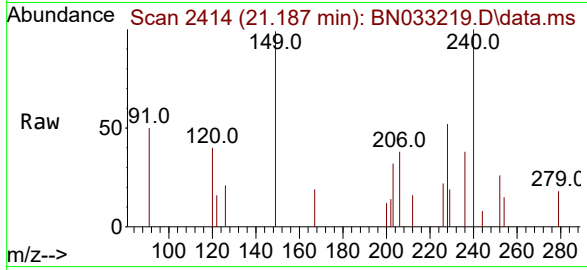
Tgt Ion:228 Resp: 732

Ion Ratio Lower Upper

228 100

226 43.1 24.2 36.2#

229 36.9 16.0 24.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.261 ng

RT: 21.008 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BN033219.D

Acq: 03 Aug 2024 01:51

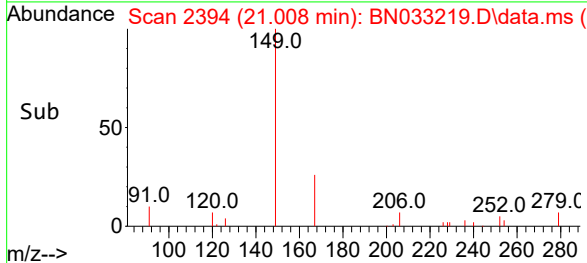
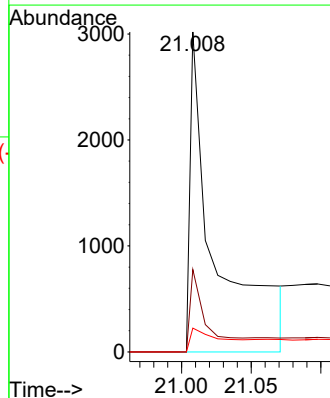
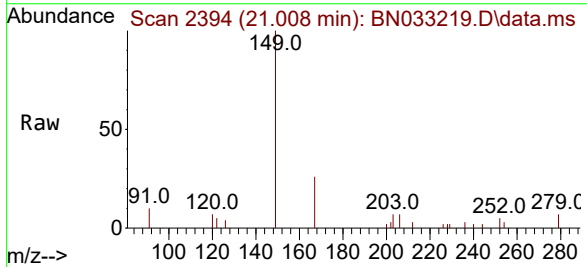
Tgt Ion:149 Resp: 3822

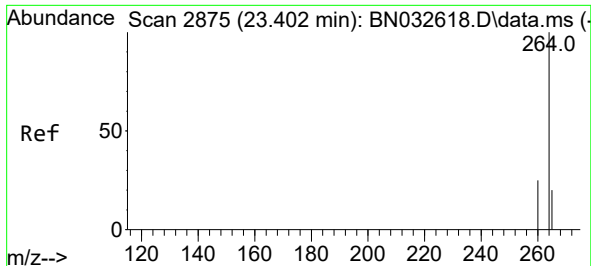
Ion Ratio Lower Upper

149 100

167 17.1 21.4 32.2#

279 8.8 2.8 4.2#

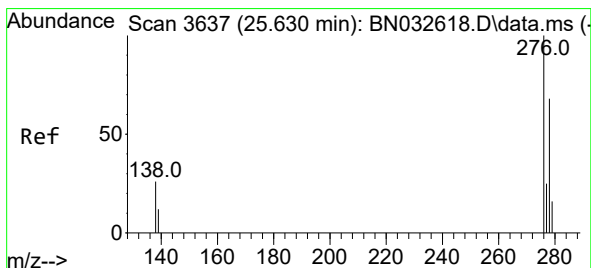
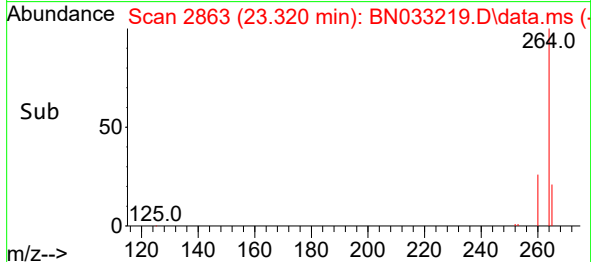
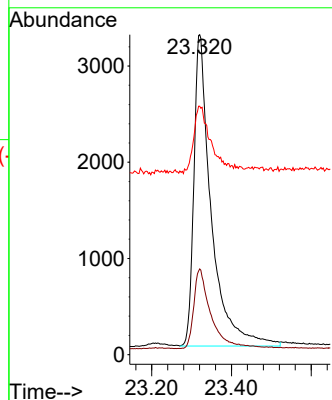
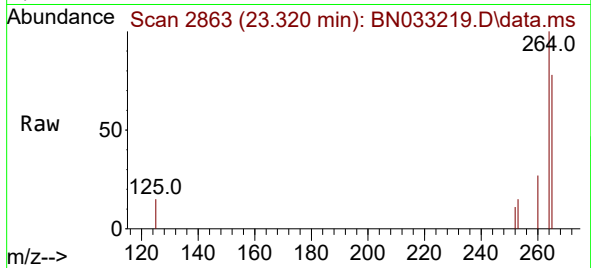




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.320 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN033219.D
Acq: 03 Aug 2024 01:51

Instrument :
BNA_N
ClientSampleId :
MLS-15-106-121

Tgt Ion:264 Resp: 9800
Ion Ratio Lower Upper
264 100
260 26.8 20.9 31.3
265 77.6 85.4 128.2#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 25.574 min Scan# 3634
Delta R.T. 0.067 min
Lab File: BN033219.D
Acq: 03 Aug 2024 01:51

Tgt Ion:276 Resp: 776
Ion Ratio Lower Upper
276 100
138 17.9 21.0 31.4#
277 10.4 19.5 29.3#

