

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040524\
 Data File : BN030661.D
 Acq On : 04 Apr 2024 15:13
 Operator : MA/JU
 Sample : PB159971BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB159971BL

Quant Time: Apr 04 15:39:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 00:04:36 2024
 Response via : Initial Calibration

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

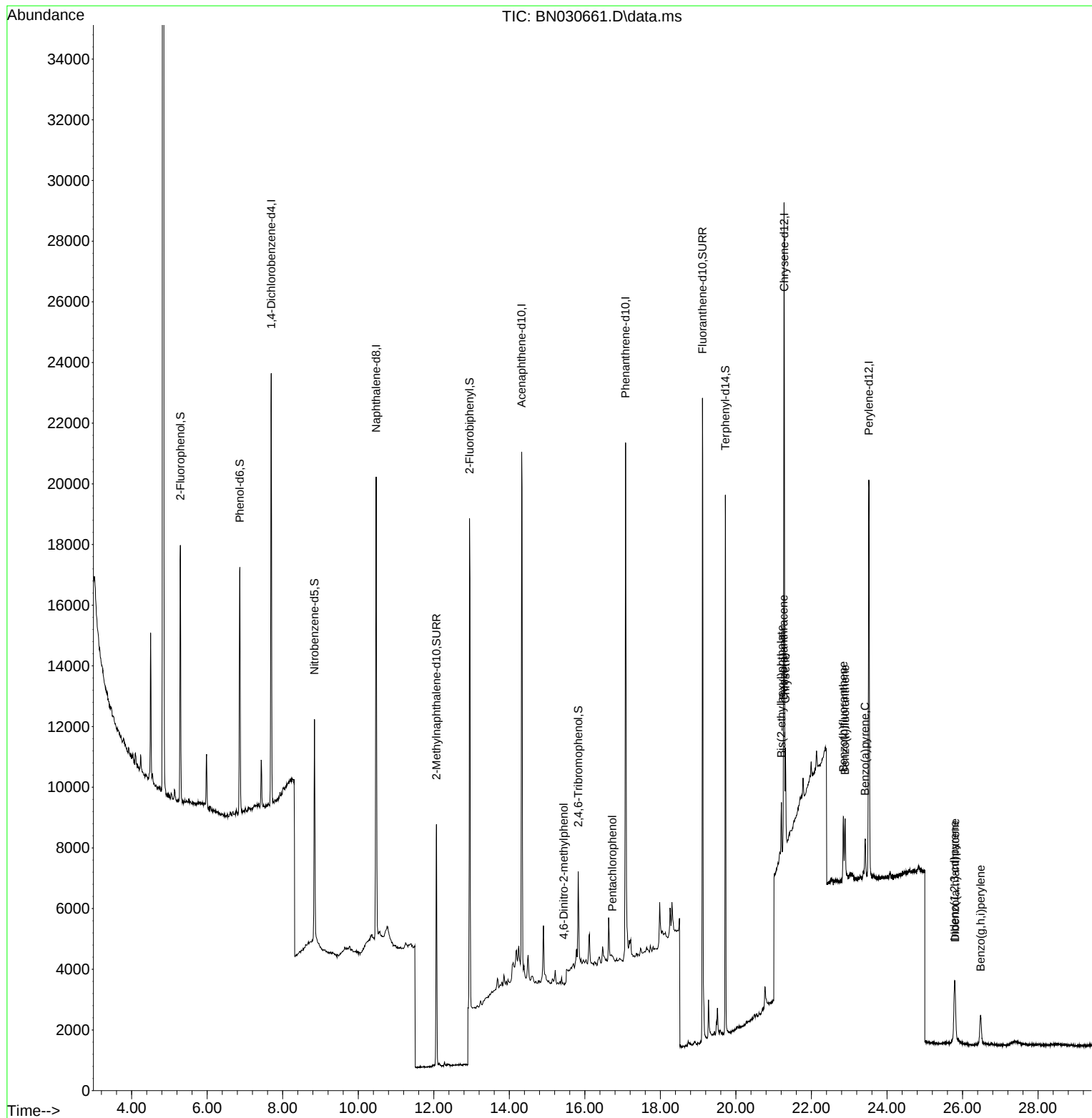
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.697	152	6925	0.400	ng	0.00
7) Naphthalene-d8	10.474	136	19591	0.400	ng	#-0.01
13) Acenaphthene-d10	14.327	164	11005	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	24870	0.400	ng	#-0.01
29) Chrysene-d12	21.276	240	18312	0.400	ng	# 0.00
35) Perylene-d12	23.521	264	16881	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	6807	0.452	ng	0.00
5) Phenol-d6	6.866	99	7963	0.411	ng	0.00
8) Nitrobenzene-d5	8.841	82	5561	0.404	ng	-0.01
11) 2-Methylnaphthalene-d10	12.070	152	10545	0.352	ng	-0.01
14) 2,4,6-Tribromophenol	15.824	330	1758	0.423	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	13417	0.315	ng	-0.02
27) Fluoranthene-d10	19.117	212	23024	0.343	ng	0.00
31) Terphenyl-d14	19.721	244	16848	0.398	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.439	198	8	0.174	ng	# 1
24) Pentachlorophenol	16.730	266	37	0.177	ng	# 34
32) Benzo(a)anthracene	21.258	228	2335	0.036	ng	# 81
33) Chrysene	21.312	228	2438	0.035	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.204	149	1993	0.071	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.787	276	2496	0.033	ng	99
37) Benzo(b)fluoranthene	22.846	252	2699	0.039	ng	# 8
38) Benzo(k)fluoranthene	22.890	252	2410	0.035	ng	# 6
39) Benzo(a)pyrene	23.422	252	1757	0.032	ng	# 1
40) Dibenzo(a,h)anthracene	25.805	278	1932	0.033	ng	# 16
41) Benzo(g,h,i)perylene	26.483	276	1891	0.030	ng	# 41

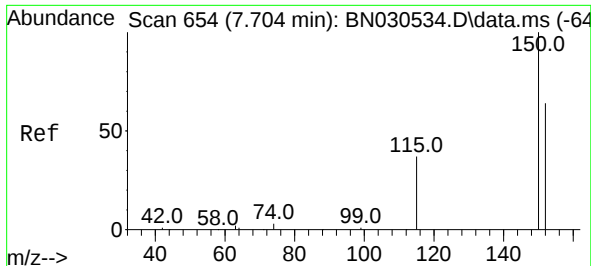
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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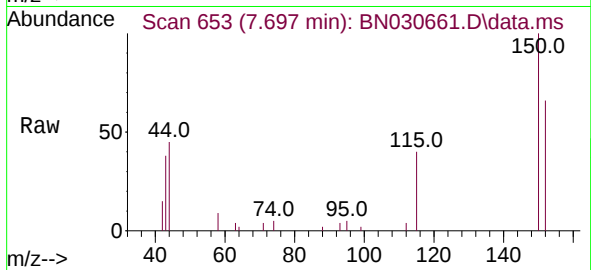
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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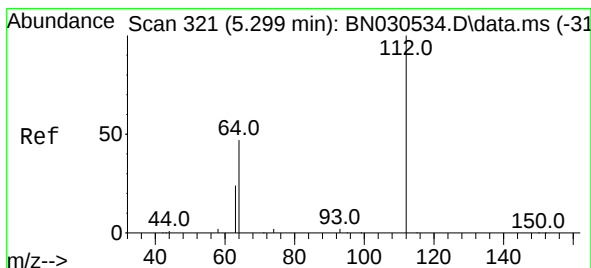
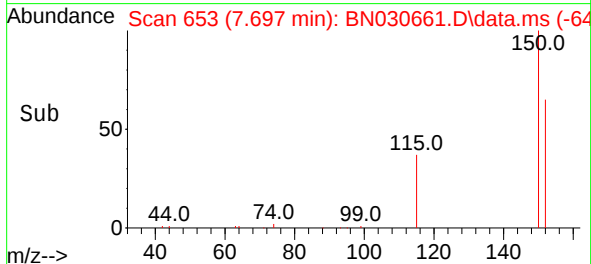
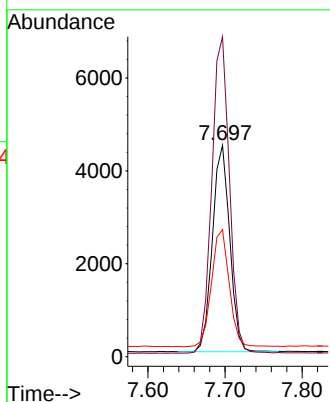


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.697 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13

Instrument :
BNA_N
ClientSampleId :
PB159971BL

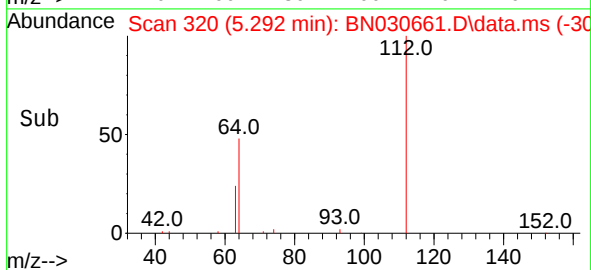
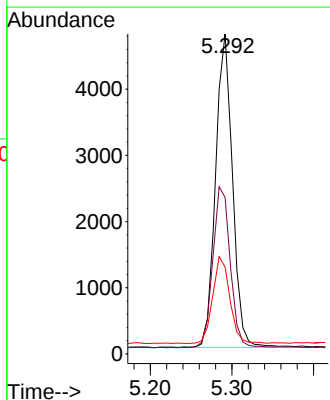
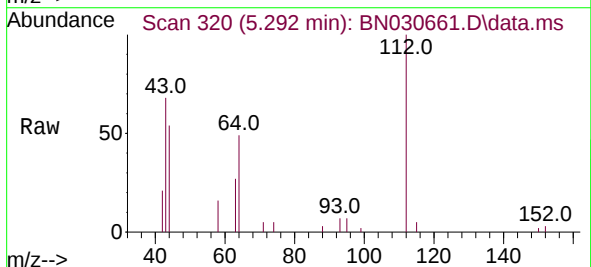


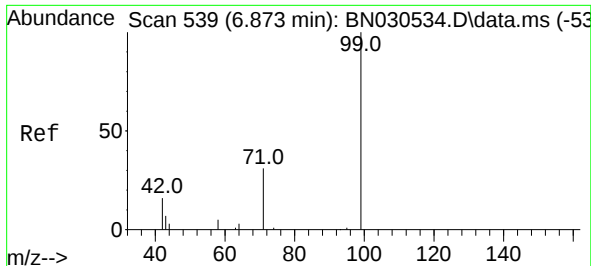
Tgt Ion:152 Resp: 6925
Ion Ratio Lower Upper
152 100
150 151.3 124.2 186.4
115 60.1 48.6 72.8



#4
2-Fluorophenol
Concen: 0.452 ng
RT: 5.292 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13

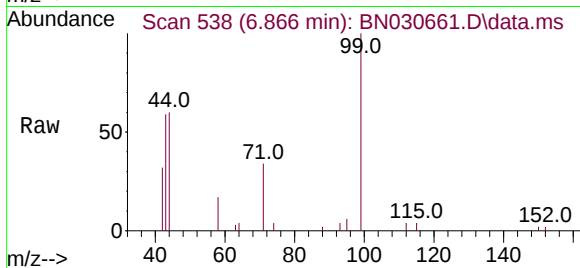
Tgt Ion:112 Resp: 6807
Ion Ratio Lower Upper
112 100
64 53.1 43.2 64.8
63 27.9 22.5 33.7





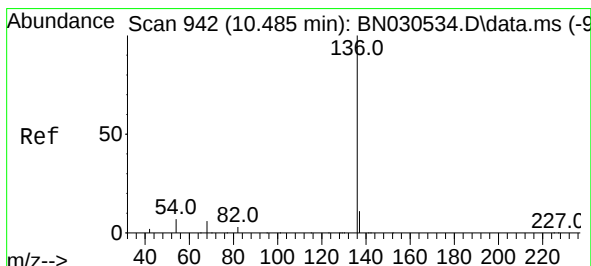
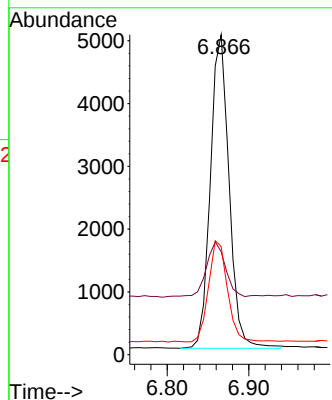
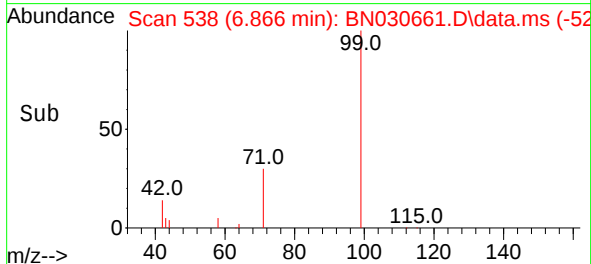
#5
Phenol-d6
Concen: 0.411 ng
RT: 6.866 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13

Instrument :
BNA_N
ClientSampleId :
PB159971BL

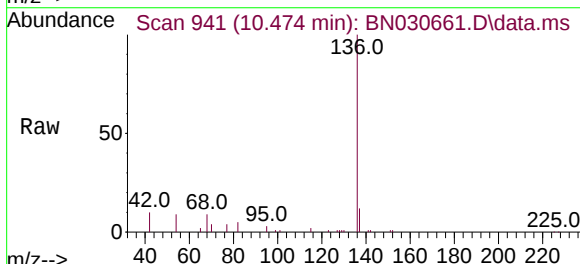


Tgt Ion: 99 Resp: 7963

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	32.7	25.9	38.9

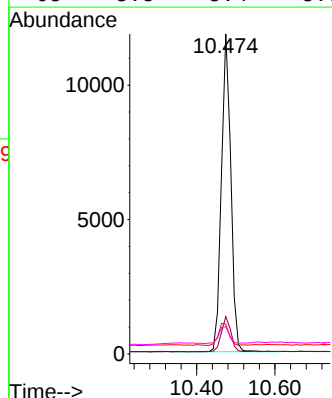
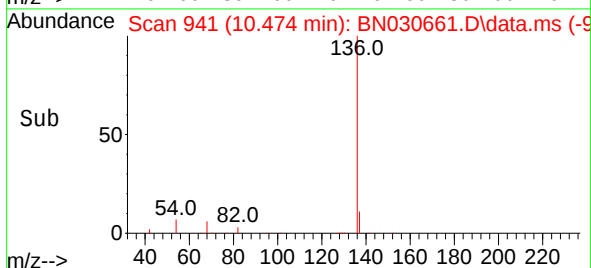


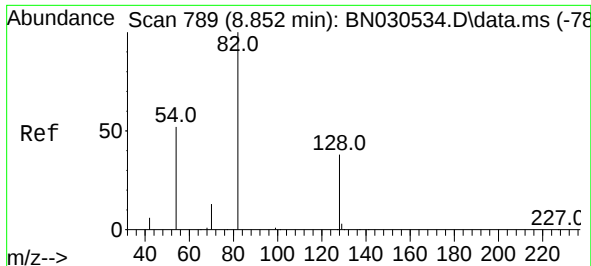
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.474 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13



Tgt Ion: 136 Resp: 19591

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	9.3	6.4	9.6
68	8.5	5.4	8.0

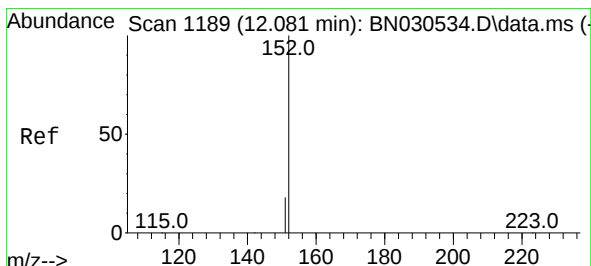
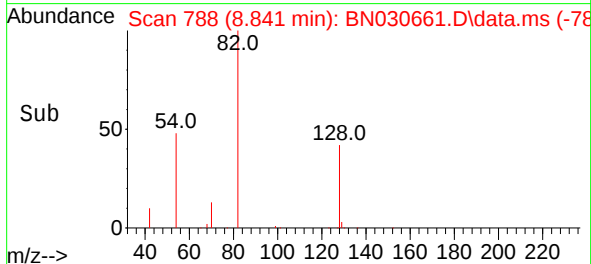
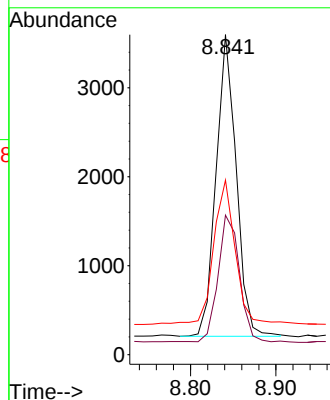
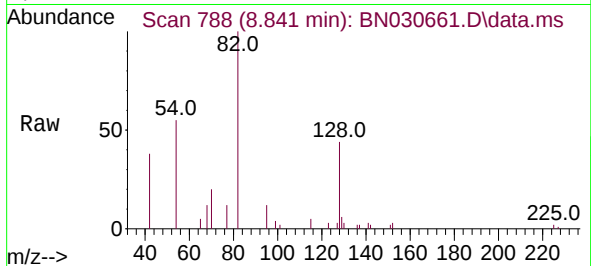




#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 8.841 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13

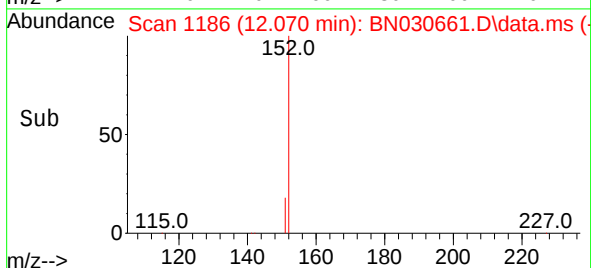
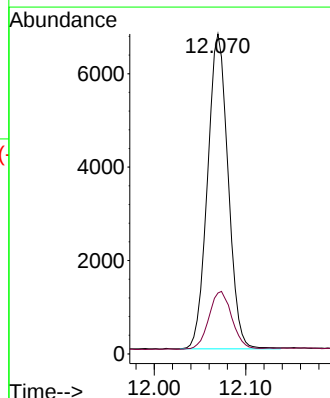
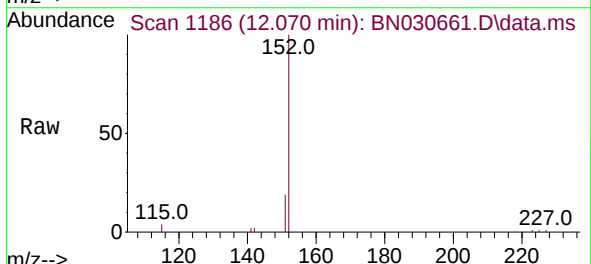
Instrument :
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ClientSampleId :
PB159971BL

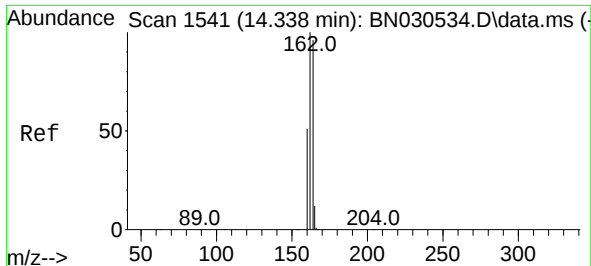
Tgt Ion: 82 Resp: 5561
Ion Ratio Lower Upper
82 100
128 43.6 32.3 48.5
54 54.5 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.070 min Scan# 1186
Delta R.T. -0.011 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13

Tgt Ion: 152 Resp: 10545
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

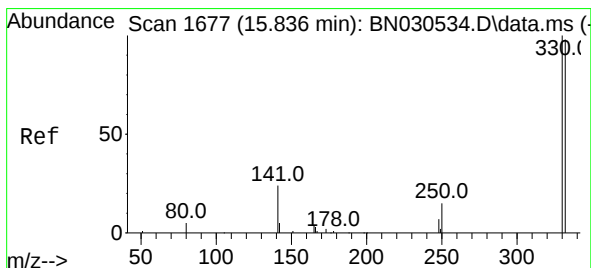
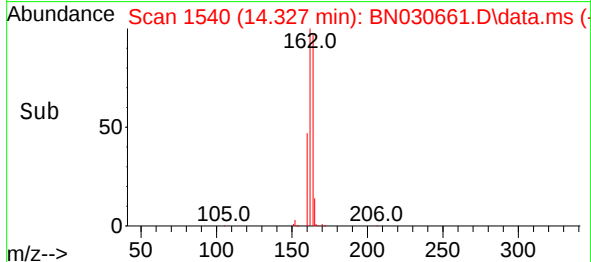
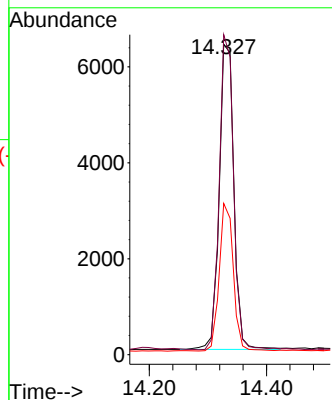
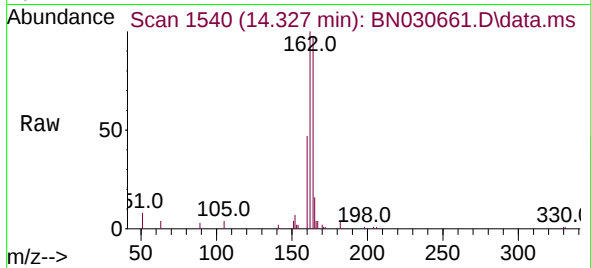




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1540
Delta R.T. -0.011 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13

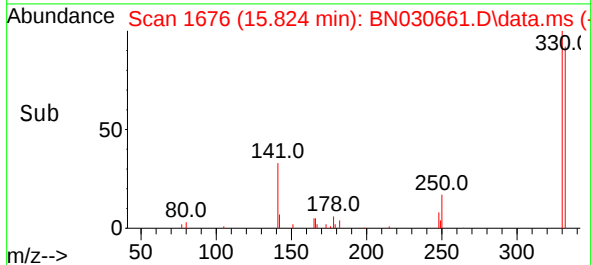
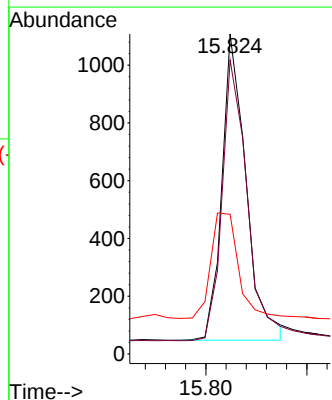
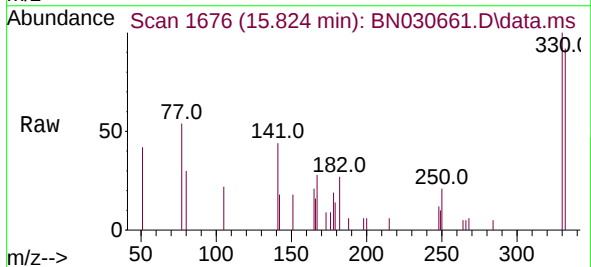
Instrument :
BNA_N
ClientSampleId :
PB159971BL

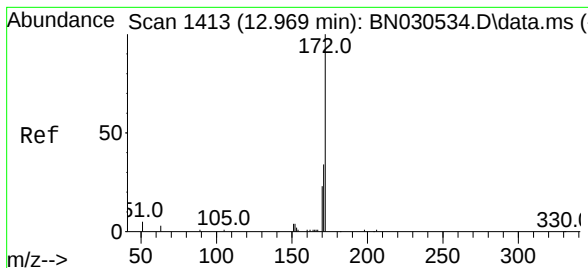
Tgt Ion:164 Resp: 11005
Ion Ratio Lower Upper
164 100
162 103.1 83.5 125.3
160 48.7 42.5 63.7



#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13

Tgt Ion:330 Resp: 1758
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 39.2 35.9 53.9





#15

2-Fluorobiphenyl

Concen: 0.315 ng

RT: 12.948 min Scan# 1411

Delta R.T. -0.021 min

Lab File: BN030661.D

Acq: 04 Apr 2024 15:13

Instrument :

BNA_N

ClientSampleId :

PB159971BL

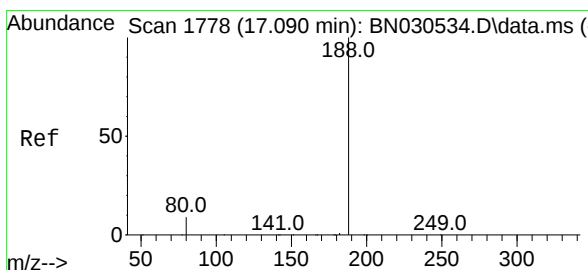
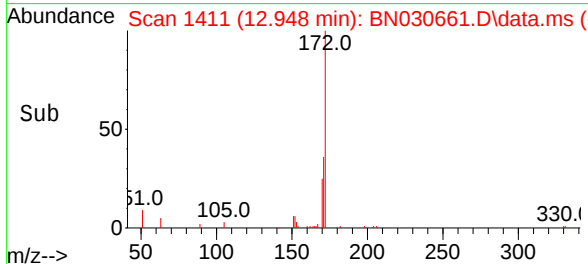
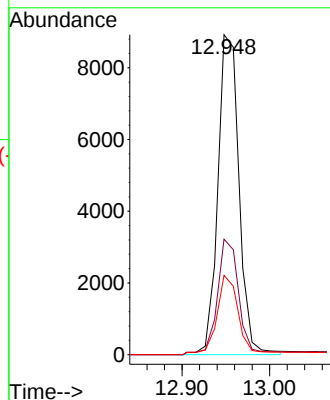
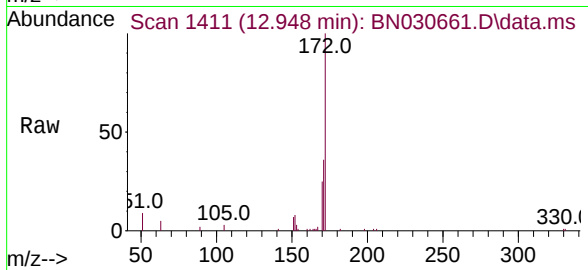
Tgt Ion:172 Resp: 13417

Ion Ratio Lower Upper

172 100

171 36.1 27.1 40.7

170 24.8 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.078 min Scan# 1777

Delta R.T. -0.012 min

Lab File: BN030661.D

Acq: 04 Apr 2024 15:13

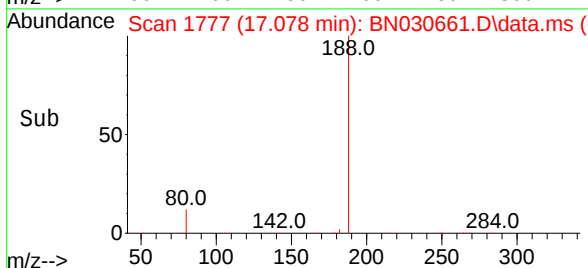
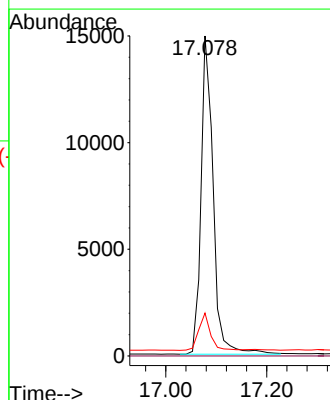
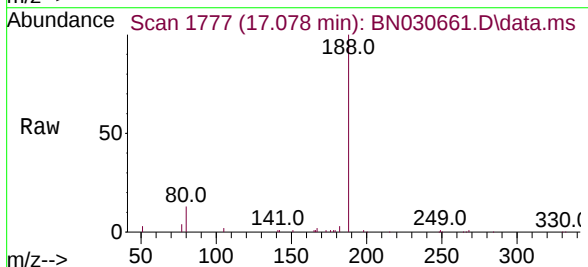
Tgt Ion:188 Resp: 24870

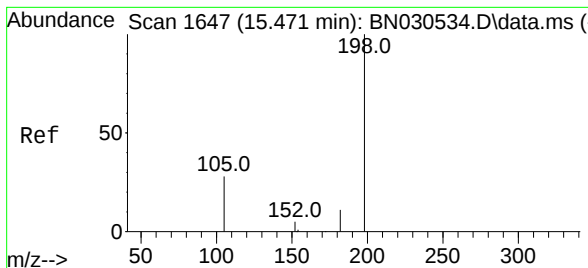
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.4 7.4 11.0#

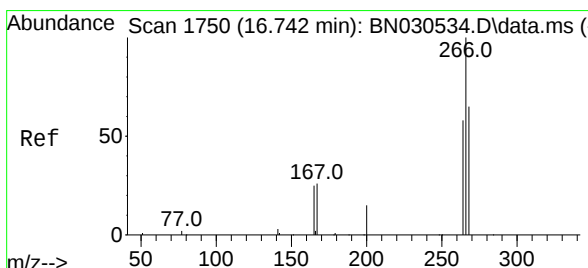
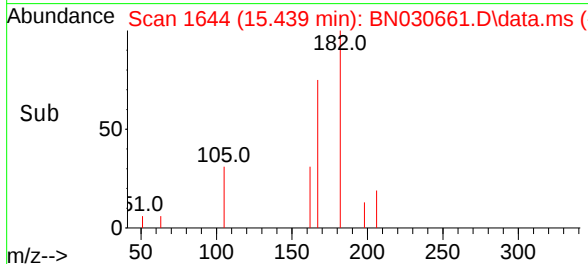
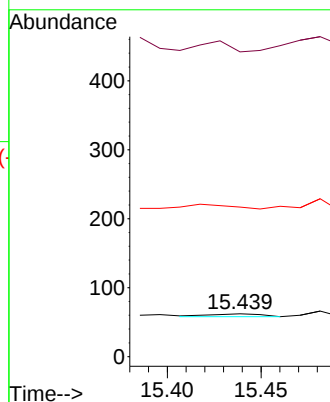
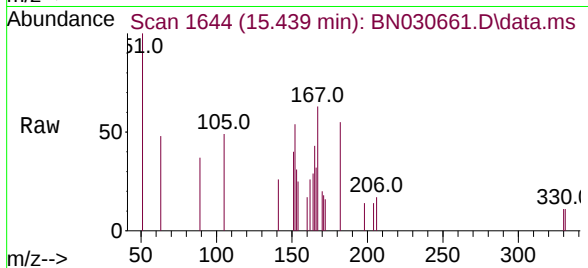




#20
4,6-Dinitro-2-methylphenol
Concen: 0.174 ng
RT: 15.439 min Scan# 1
Delta R.T. -0.032 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13

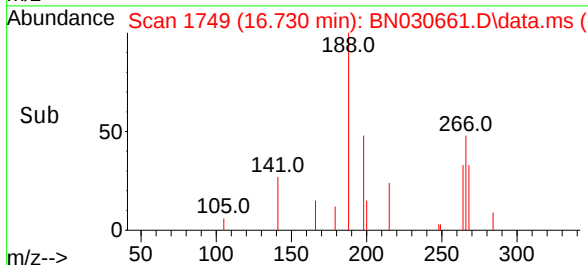
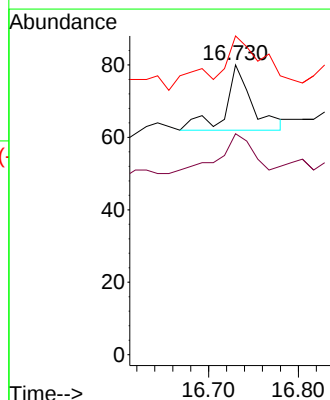
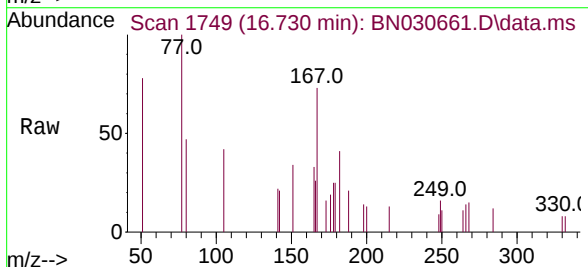
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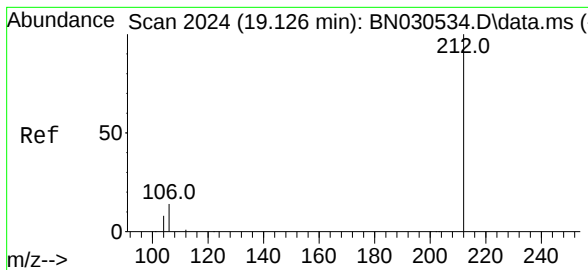
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 712.9 57.8 86.6#
105 350.0 37.5 56.3#



#24
Pentachlorophenol
Concen: 0.177 ng
RT: 16.730 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13

Tgt Ion:266 Resp: 37
Ion Ratio Lower Upper
266 100
264 78.4 48.7 73.1#
268 145.9 49.5 74.3#

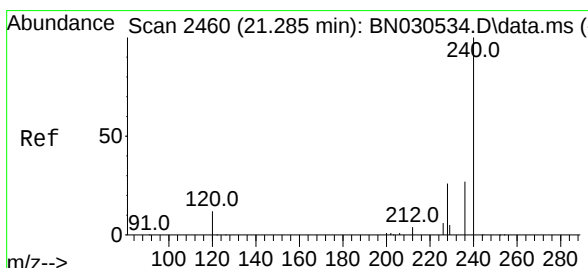
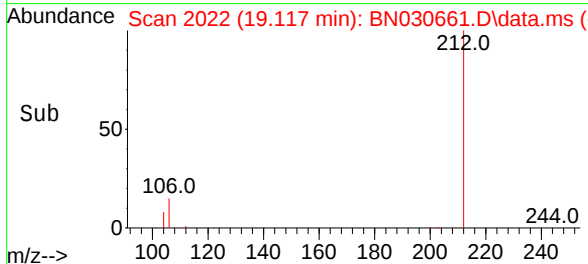
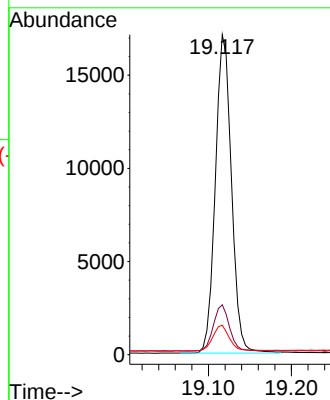
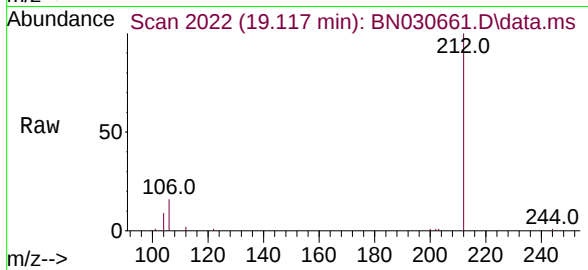




#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.117 min Scan# 2022
Delta R.T. -0.009 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13

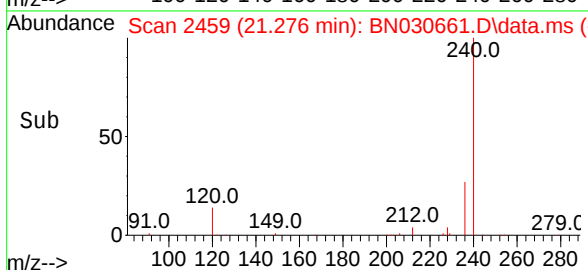
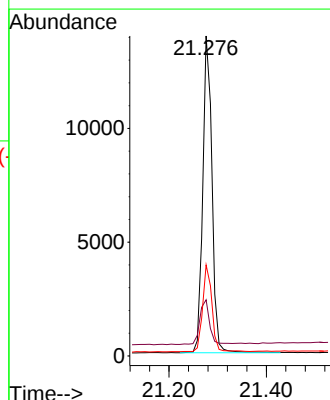
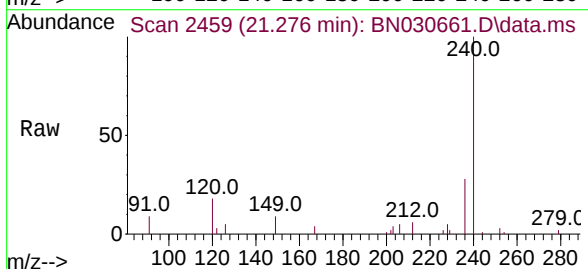
Instrument :
BNA_N
ClientSampleId :
PB159971BL

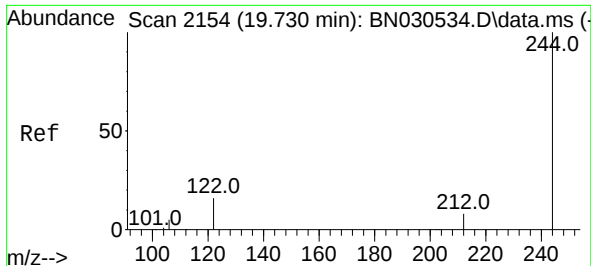
Tgt Ion:212 Resp: 23024
Ion Ratio Lower Upper
212 100
106 14.5 11.8 17.6
104 8.3 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.276 min Scan# 2459
Delta R.T. -0.009 min
Lab File: BN030661.D
Acq: 04 Apr 2024 15:13

Tgt Ion:240 Resp: 18312
Ion Ratio Lower Upper
240 100
120 17.5 10.6 15.8#
236 28.5 22.1 33.1

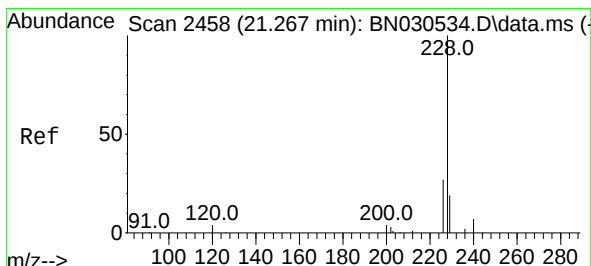
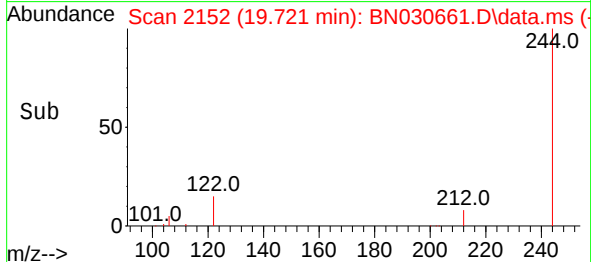
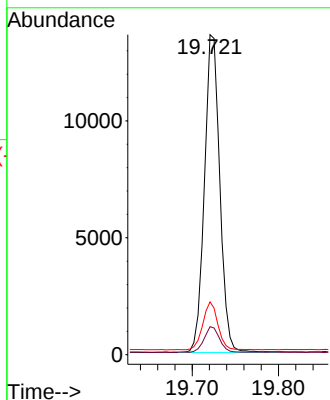
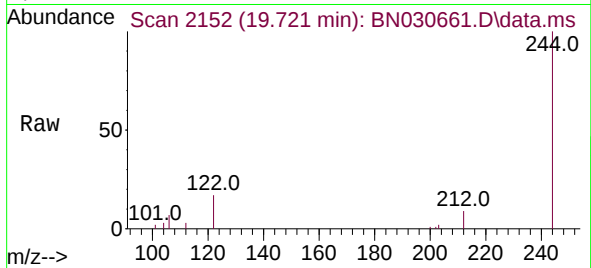




#31
 Terphenyl-d14
 Concen: 0.398 ng
 RT: 19.721 min Scan# 2152
 Delta R.T. -0.009 min
 Lab File: BN030661.D
 Acq: 04 Apr 2024 15:13

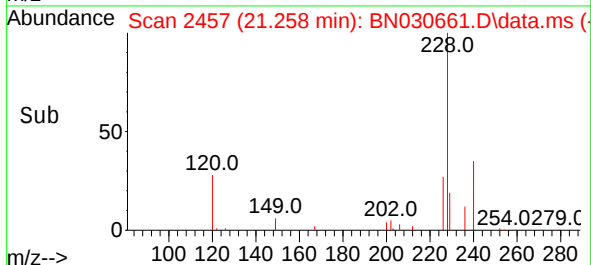
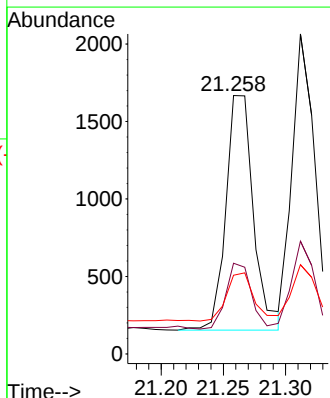
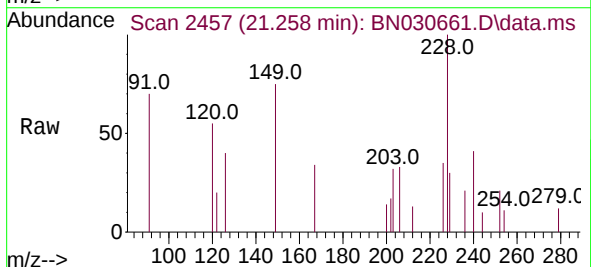
Instrument :
 BNA_N
 ClientSampleId :
 PB159971BL

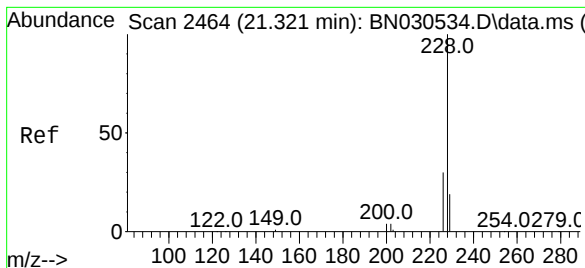
Tgt Ion:244 Resp: 16848
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 16.5 12.7 19.1



#32
 Benzo(a)anthracene
 Concen: 0.036 ng
 RT: 21.258 min Scan# 2457
 Delta R.T. -0.009 min
 Lab File: BN030661.D
 Acq: 04 Apr 2024 15:13

Tgt Ion:228 Resp: 2335
 Ion Ratio Lower Upper
 228 100
 226 35.1 21.8 32.8#
 229 30.5 15.4 23.2#





#33

Chrysene

Concen: 0.035 ng

RT: 21.312 min Scan# 2463

Delta R.T. -0.009 min

Lab File: BN030661.D

Acq: 04 Apr 2024 15:13

Instrument :

BNA_N

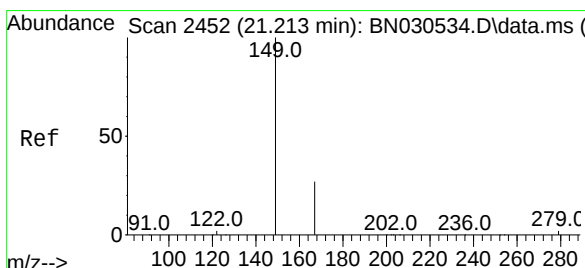
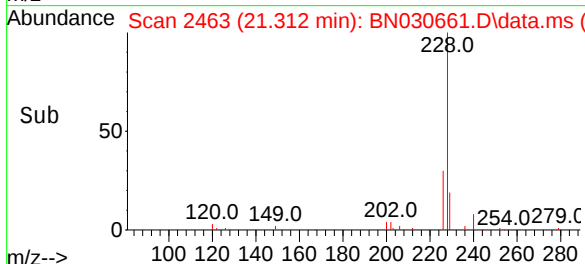
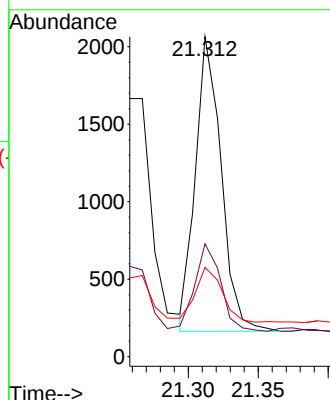
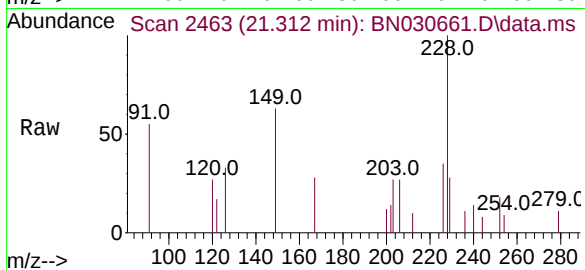
ClientSampleId :

PB159971BL

Tgt Ion:228 Resp: 2438

Ion Ratio Lower Upper

228	100		
226	35.3	24.3	36.5
229	27.9	15.8	23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.071 ng

RT: 21.204 min Scan# 2451

Delta R.T. -0.009 min

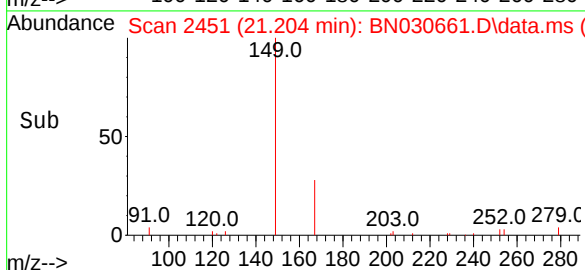
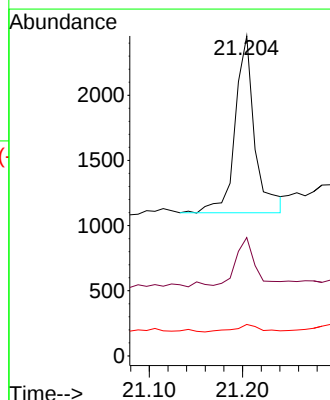
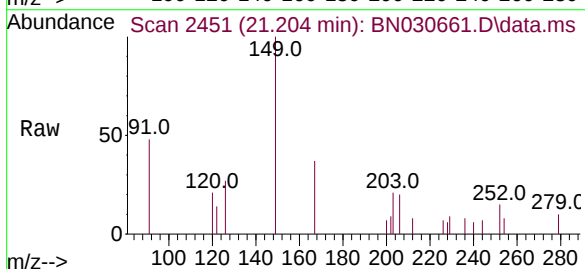
Lab File: BN030661.D

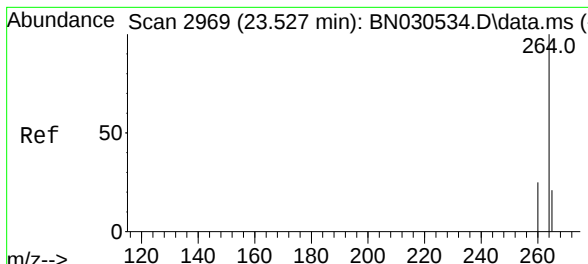
Acq: 04 Apr 2024 15:13

Tgt Ion:149 Resp: 1993

Ion Ratio Lower Upper

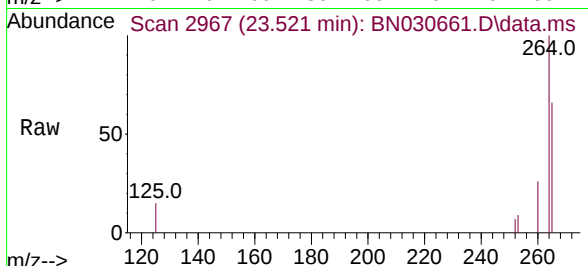
149	100		
167	25.5	21.4	32.0
279	5.3	2.3	3.5



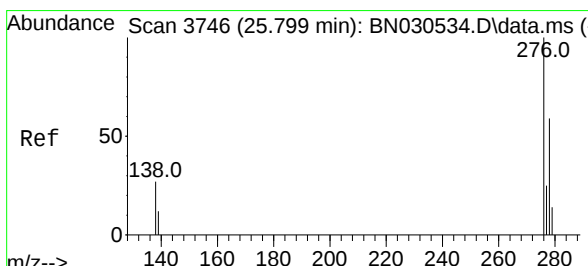
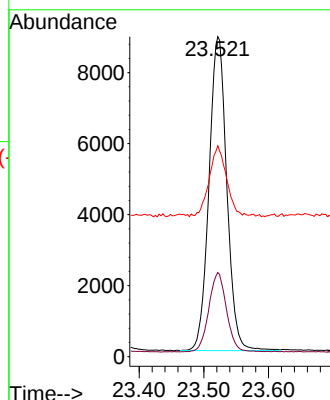
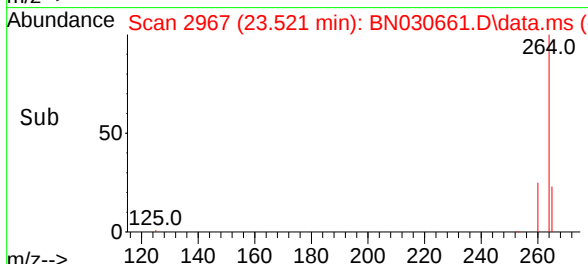


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.521 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BN030661.D
 Acq: 04 Apr 2024 15:13

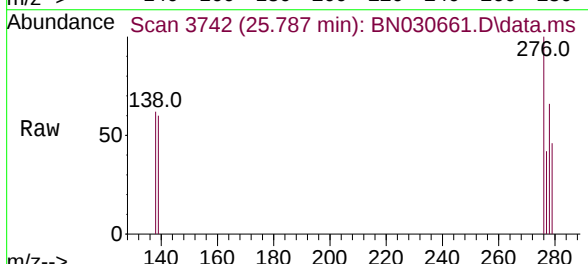
Instrument :
 BNA_N
 ClientSampleId :
 PB159971BL



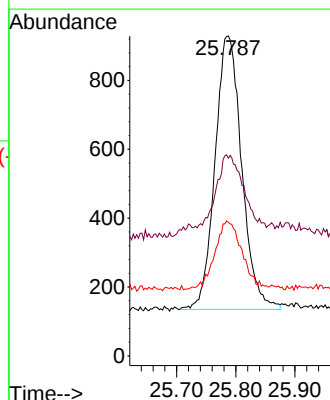
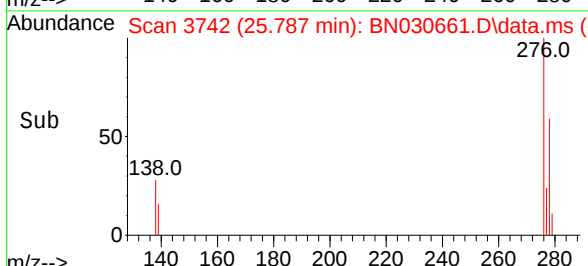
Tgt Ion:264 Resp: 16881
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.6 30.8
 265 65.9 41.8 62.8#

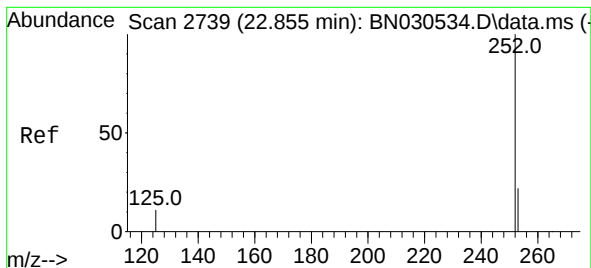


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.033 ng
 RT: 25.787 min Scan# 3742
 Delta R.T. -0.012 min
 Lab File: BN030661.D
 Acq: 04 Apr 2024 15:13



Tgt Ion:276 Resp: 2496
 Ion Ratio Lower Upper
 276 100
 138 28.9 23.0 34.4
 277 24.6 20.1 30.1





#37

Benzo(b)fluoranthene

Concen: 0.039 ng

RT: 22.846 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN030661.D

Acq: 04 Apr 2024 15:13

Instrument :

BNA_N

ClientSampleId :

PB159971BL

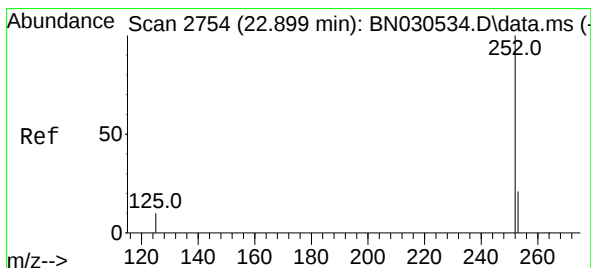
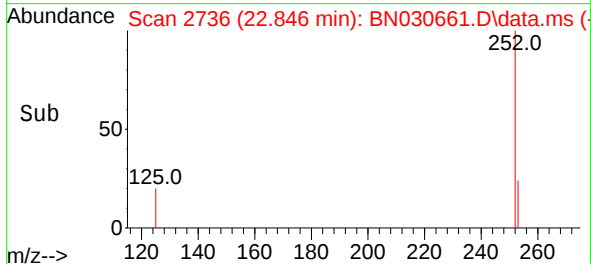
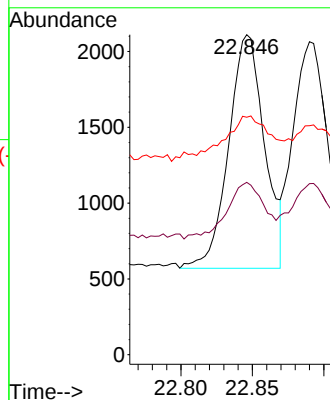
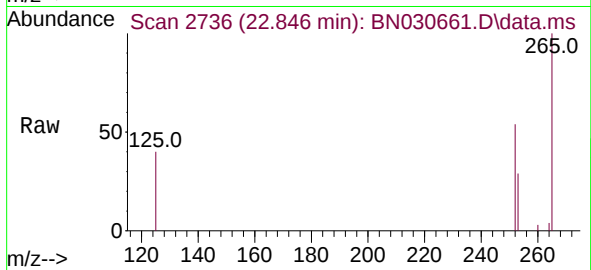
Tgt Ion:252 Resp: 2699

Ion Ratio Lower Upper

252 100

253 53.9 19.2 28.8#

125 74.2 11.7 17.5#



#38

Benzo(k)fluoranthene

Concen: 0.035 ng

RT: 22.890 min Scan# 2751

Delta R.T. -0.009 min

Lab File: BN030661.D

Acq: 04 Apr 2024 15:13

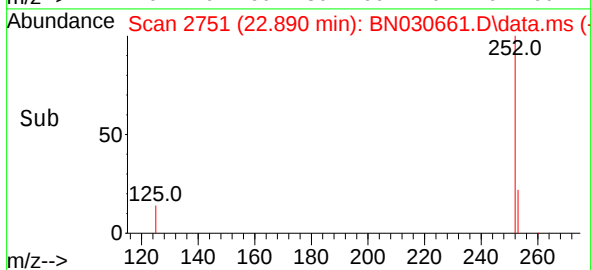
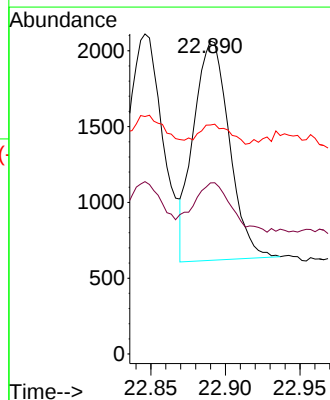
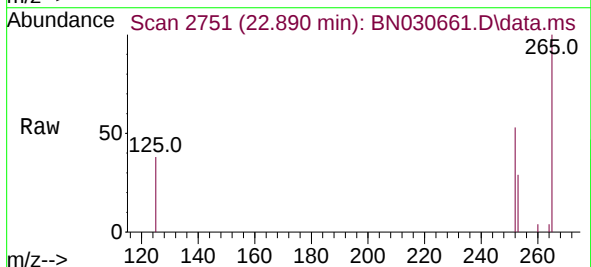
Tgt Ion:252 Resp: 2410

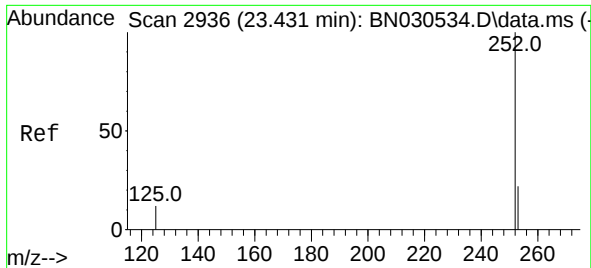
Ion Ratio Lower Upper

252 100

253 54.7 18.9 28.3#

125 73.2 11.5 17.3#





#39

Benzo(a)pyrene

Concen: 0.032 ng

RT: 23.422 min Scan# 2933

Delta R.T. -0.009 min

Lab File: BN030661.D

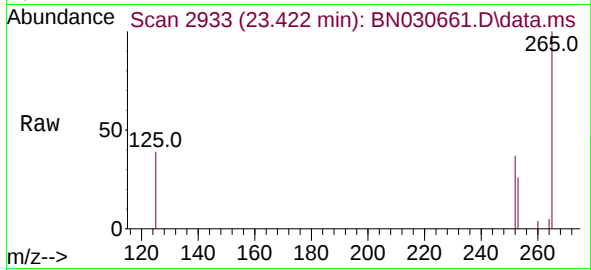
Acq: 04 Apr 2024 15:13

Instrument :

BNA_N

ClientSampleId :

PB159971BL



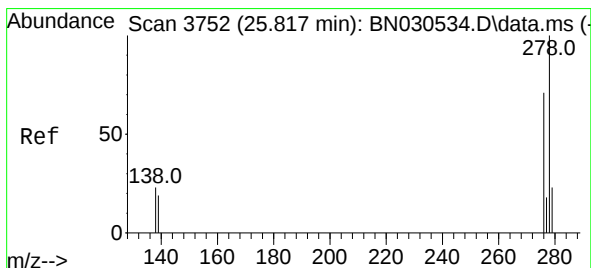
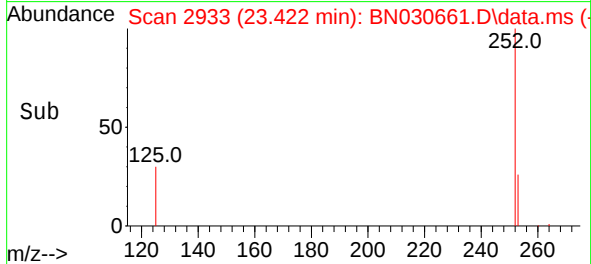
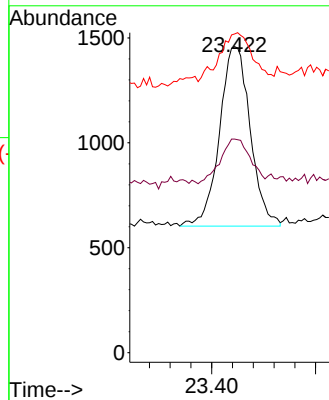
Tgt Ion:252 Resp: 1757

Ion Ratio Lower Upper

252 100

253 69.8 20.0 30.0#

125 104.1 14.3 21.5#



#40

Dibenzo(a,h)anthracene

Concen: 0.033 ng

RT: 25.805 min Scan# 3748

Delta R.T. -0.012 min

Lab File: BN030661.D

Acq: 04 Apr 2024 15:13

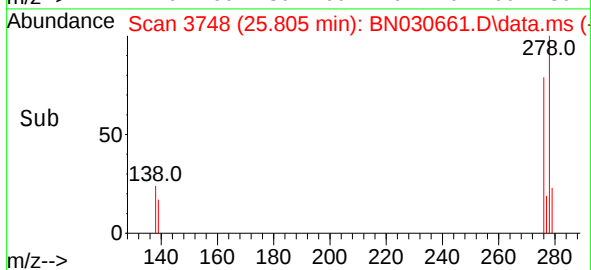
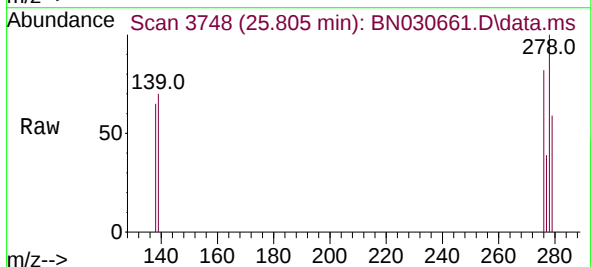
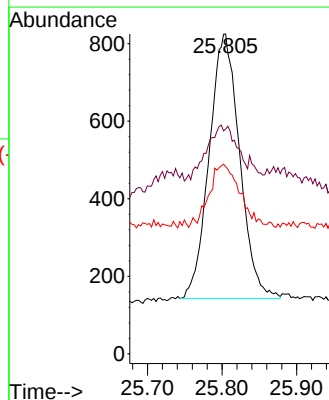
Tgt Ion:278 Resp: 1932

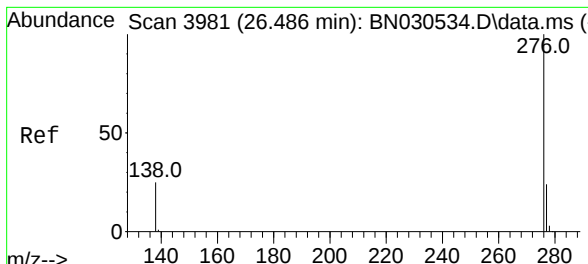
Ion Ratio Lower Upper

278 100

139 70.3 16.2 24.2#

279 58.5 20.6 30.8#





#41

Benzo(g,h,i)perylene

Concen: 0.030 ng

RT: 26.483 min Scan# 3980

Delta R.T. -0.003 min

Lab File: BN030661.D

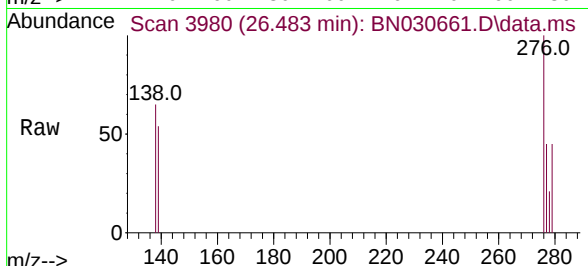
Acq: 04 Apr 2024 15:13

Instrument :

BNA_N

ClientSampleId :

PB159971BL



Tgt Ion:276 Resp: 1891

Ion Ratio Lower Upper

276 100

277 45.0 19.8 29.6#

138 65.0 20.6 31.0#

