

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080923\
 Data File : BN026849.D
 Acq On : 08 Aug 2023 14:57
 Operator : MA/JU
 Sample : PB154632BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB154632BL

Quant Time: Aug 09 01:10:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 01:06:23 2023
 Response via : Initial Calibration

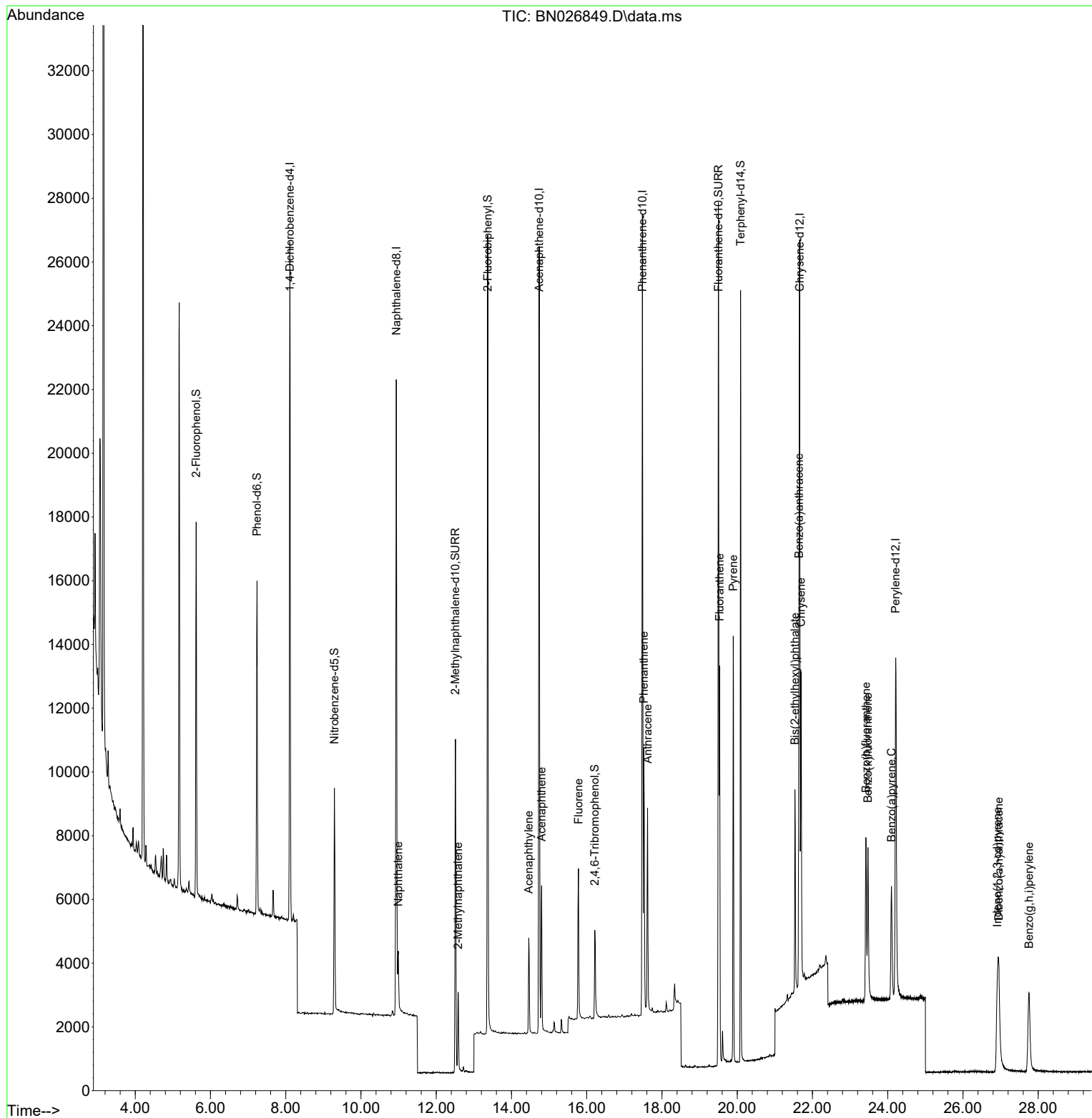
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	10313	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	27476	0.400	ng	0.00
13) Acenaphthene-d10	14.737	164	14260	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	32859	0.400	ng	0.00
29) Chrysene-d12	21.659	240	20833	0.400	ng	0.00
35) Perylene-d12	24.212	264	17661	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	9550	0.366	ng	0.00
5) Phenol-d6	7.235	99	10249	0.303	ng	0.00
8) Nitrobenzene-d5	9.294	82	6183	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	12.509	152	14708	0.373	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1814	0.374	ng	-0.01
15) 2-Fluorobiphenyl	13.368	172	21903	0.376	ng	0.00
27) Fluoranthene-d10	19.500	212	30335	0.384	ng	0.00
31) Terphenyl-d14	20.090	244	23139	0.533	ng	0.00
Target Compounds						
9) Naphthalene	10.991	128	2323	0.031	ng	# 89
12) 2-Methylnaphthalene	12.585	142	1764	0.034	ng	97
16) Acenaphthylene	14.459	152	3683	0.052	ng	100
17) Acenaphthene	14.801	154	2407	0.054	ng	99
18) Fluorene	15.779	166	3827	0.066	ng	99
25) Phenanthrene	17.517	178	9018	0.090	ng	99
26) Anthracene	17.616	178	7108	0.080	ng	99
28) Fluoranthene	19.532	202	10940	0.098	ng	99
30) Pyrene	19.894	202	11413	0.127	ng	100
32) Benzo(a)anthracene	21.641	228	7881	0.110	ng	99
33) Chrysene	21.694	228	8728	0.110	ng	99
34) Bis(2-ethylhexyl)phtha...	21.533	149	6805	0.287	ng	97
36) Indeno(1,2,3-cd)pyrene	26.916	276	7527	0.104	ng	98
37) Benzo(b)fluoranthene	23.420	252	7805	0.112	ng	# 86
38) Benzo(k)fluoranthene	23.475	252	7384	0.103	ng	# 86
39) Benzo(a)pyrene	24.101	252	6279	0.099	ng	# 82
40) Dibenzo(a,h)anthracene	26.954	278	5936	0.106	ng	# 89
41) Benzo(g,h,i)perylene	27.755	276	6565	0.099	ng	# 92

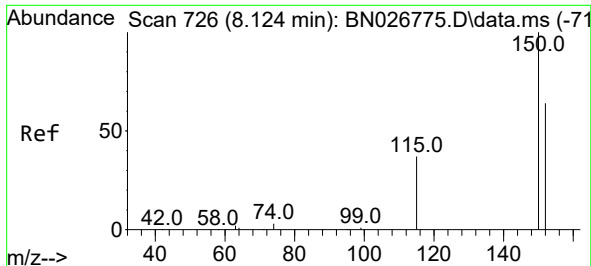
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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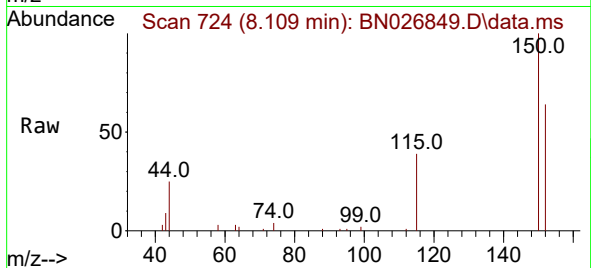
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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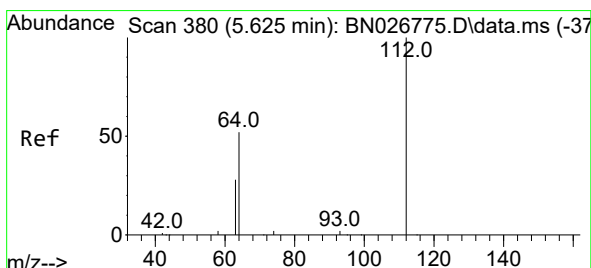
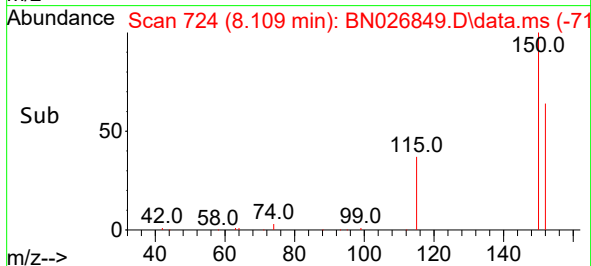
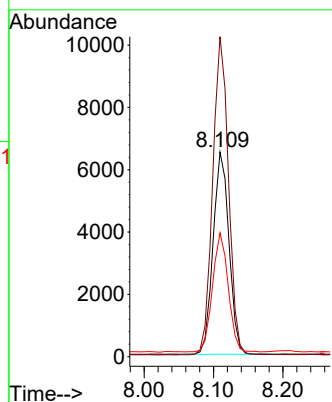


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 71
Delta R.T. -0.001 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Instrument :
BNA_N
ClientSampleId :
PB154632BL

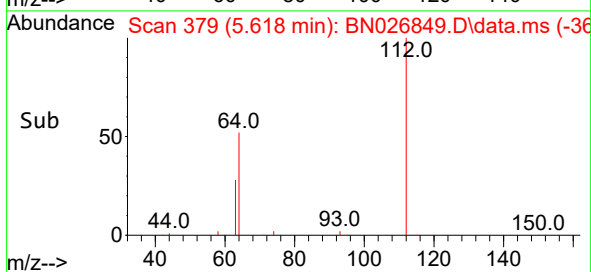
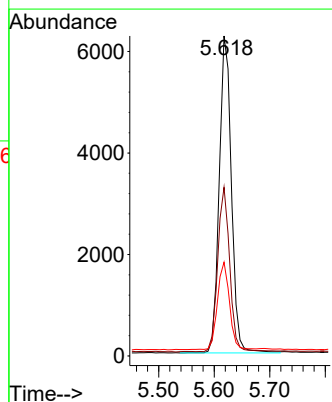
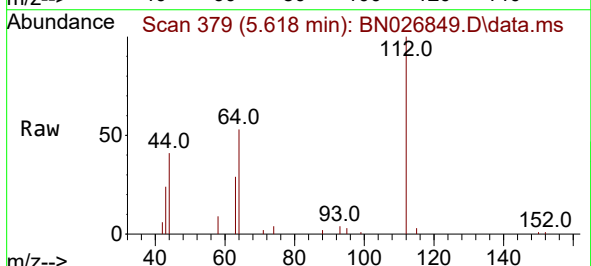


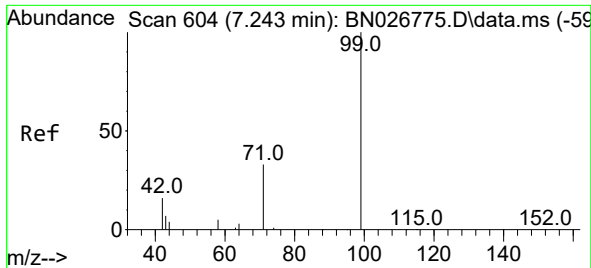
Tgt Ion:152 Resp: 10313
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.8
115 60.5 48.0 72.0



#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.618 min Scan# 379
Delta R.T. -0.000 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Tgt Ion:112 Resp: 9550
Ion Ratio Lower Upper
112 100
64 51.2 42.2 63.2
63 27.2 22.7 34.1

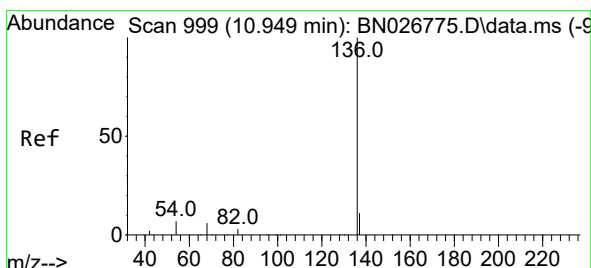
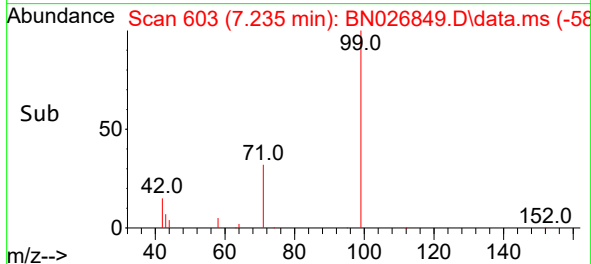
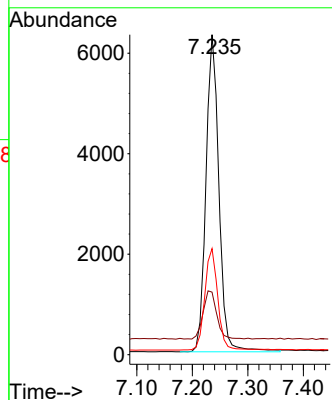
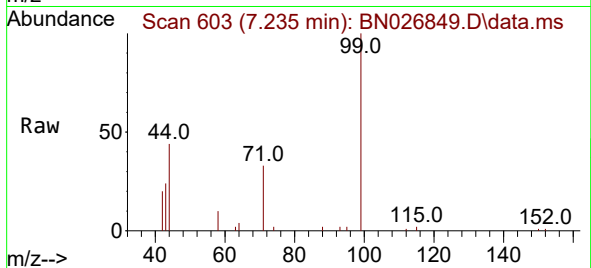




#5
Phenol-d6
Concen: 0.303 ng
RT: 7.235 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

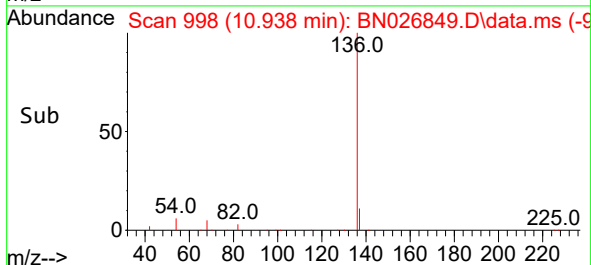
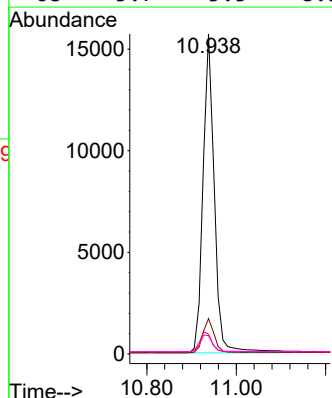
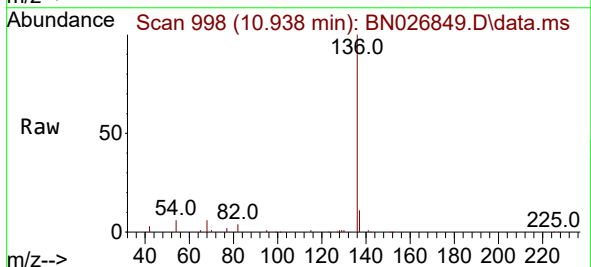
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ClientSampleId :
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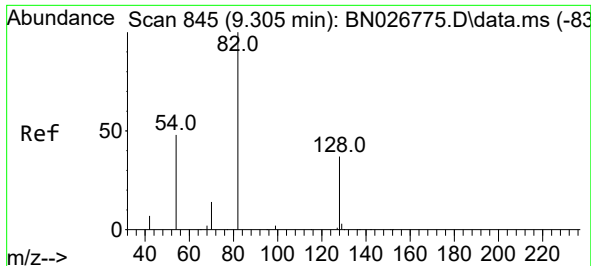
Tgt Ion: 99 Resp: 10249
Ion Ratio Lower Upper
99 100
42 16.0 14.6 22.0
71 32.3 26.6 40.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. -0.000 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Tgt Ion: 136 Resp: 27476
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.2 6.2 9.2
68 5.7 5.5 8.3

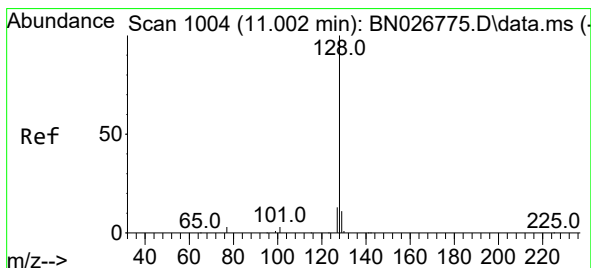
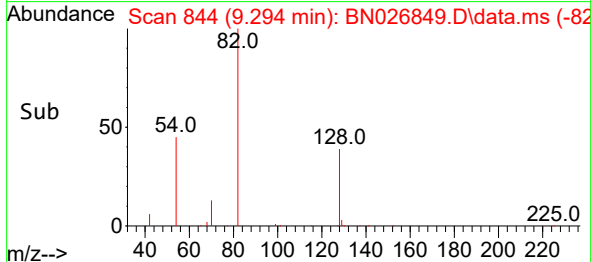
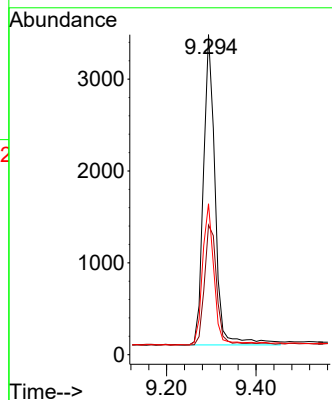
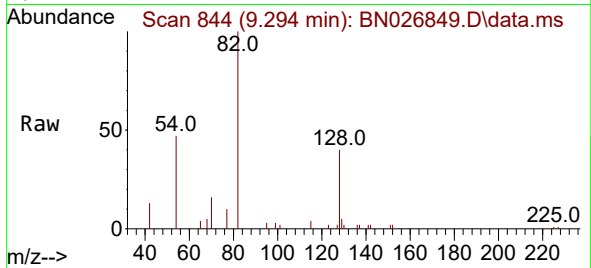




#8
 Nitrobenzene-d5
 Concen: 0.380 ng
 RT: 9.294 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BN026849.D
 Acq: 08 Aug 2023 14:57

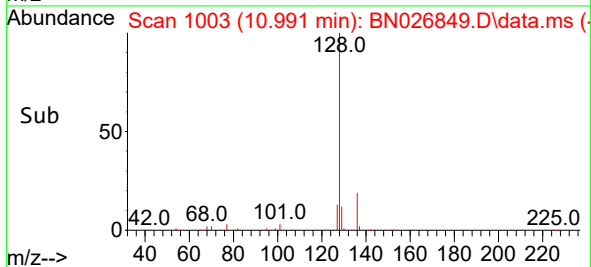
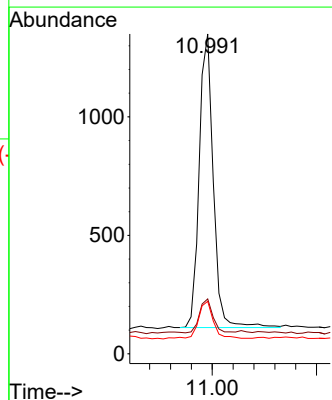
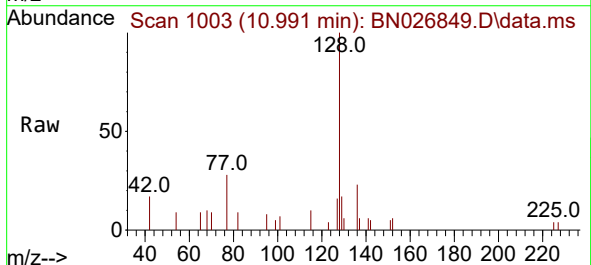
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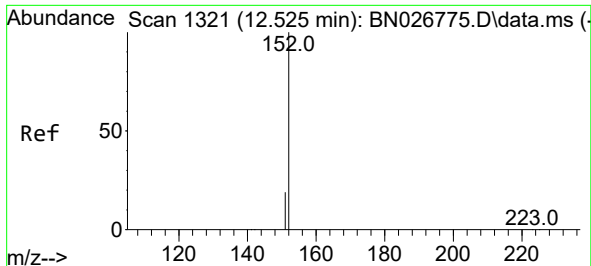
Tgt Ion: 82 Resp: 6183
 Ion Ratio Lower Upper
 82 100
 128 40.5 30.5 45.7
 54 47.1 39.4 59.2



#9
 Naphthalene
 Concen: 0.031 ng
 RT: 10.991 min Scan# 1003
 Delta R.T. -0.000 min
 Lab File: BN026849.D
 Acq: 08 Aug 2023 14:57

Tgt Ion: 128 Resp: 2323
 Ion Ratio Lower Upper
 128 100
 129 17.2 9.0 13.4#
 127 16.4 10.6 16.0#

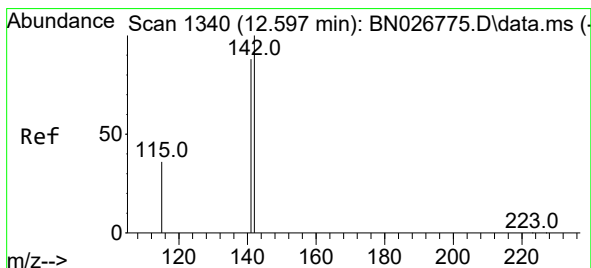
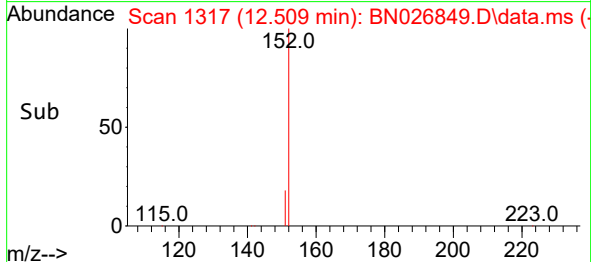
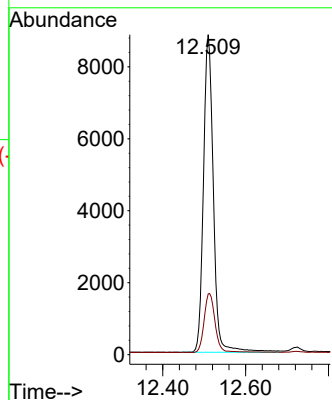
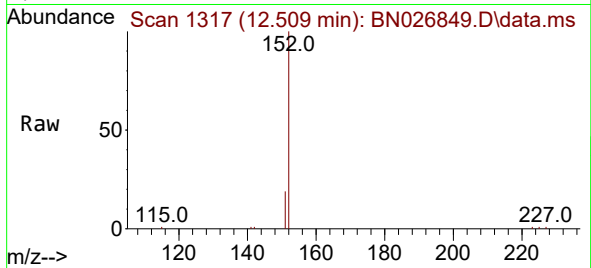




#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.509 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

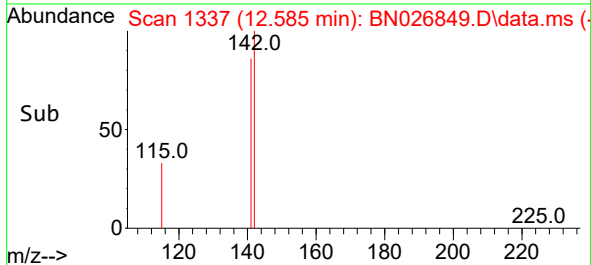
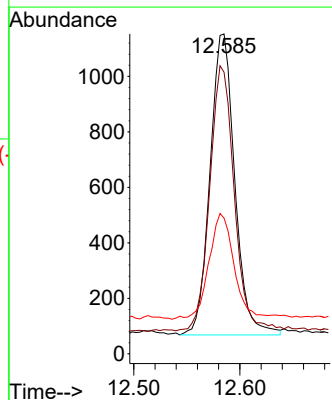
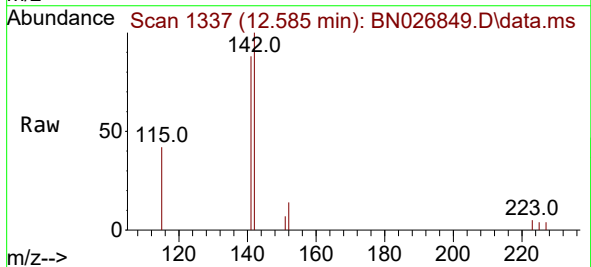
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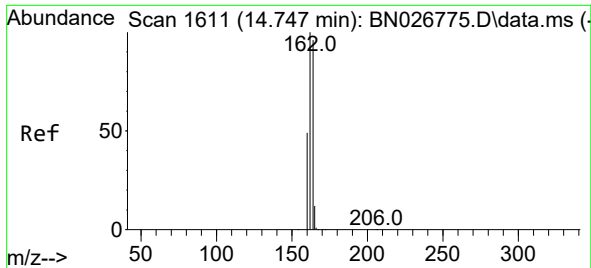
Tgt Ion:152 Resp: 14708
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.034 ng
RT: 12.585 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Tgt Ion:142 Resp: 1764
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5
115 42.4 29.2 43.8

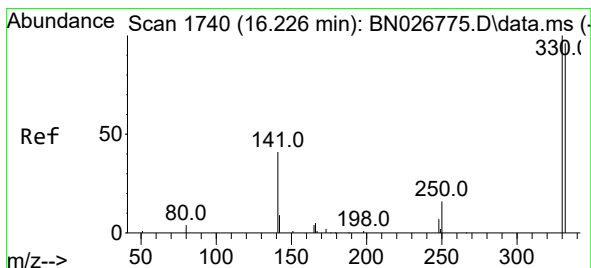
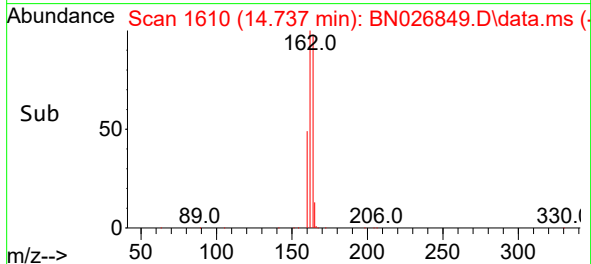
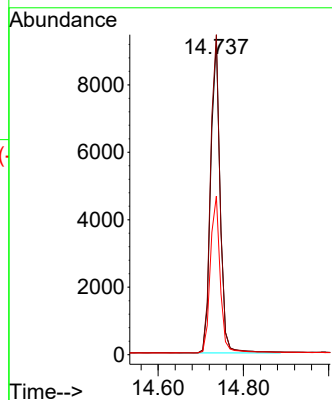
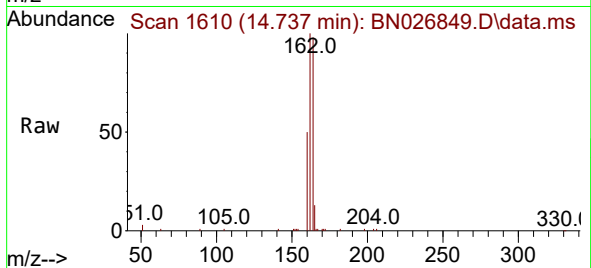




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

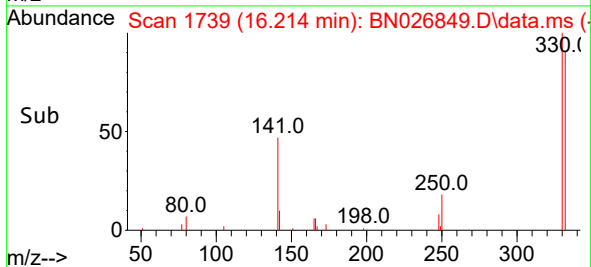
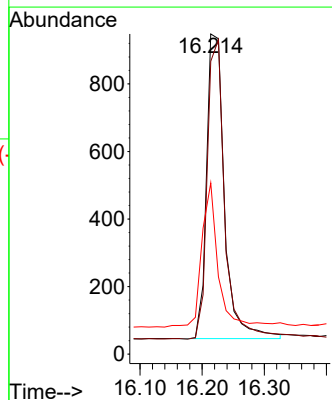
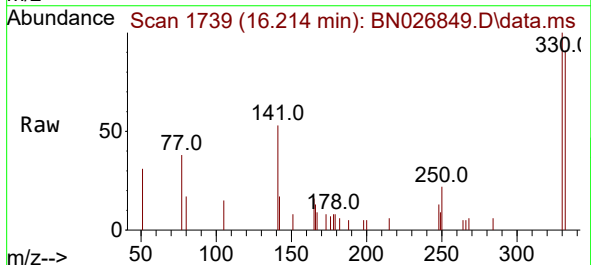
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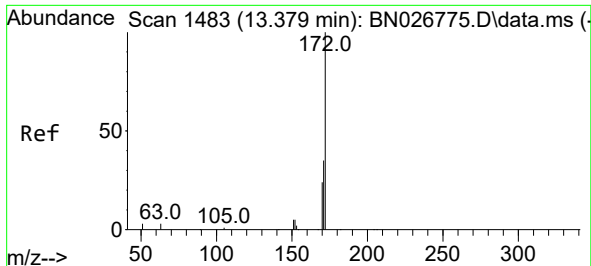
Tgt Ion:164 Resp: 14260
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.6
160 50.5 40.8 61.2



#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 16.214 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Tgt Ion:330 Resp: 1814
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.6
141 40.2 34.8 52.2

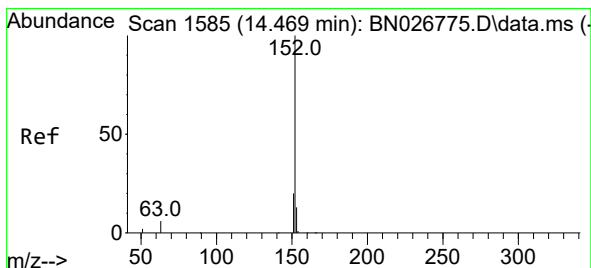
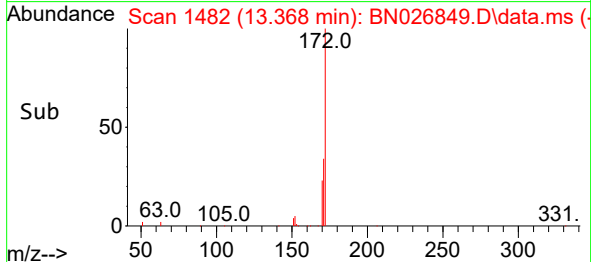
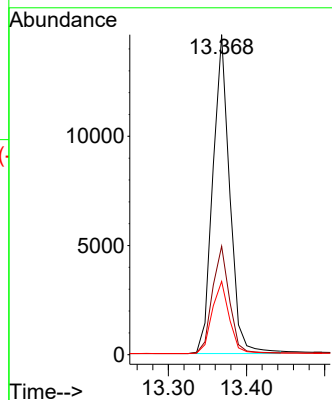
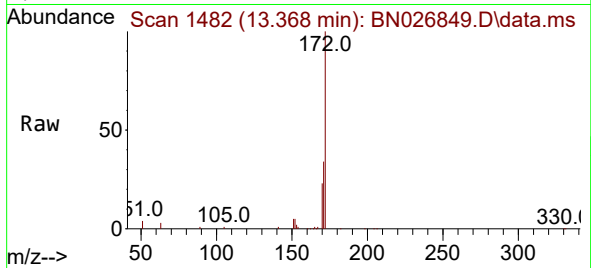




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.368 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

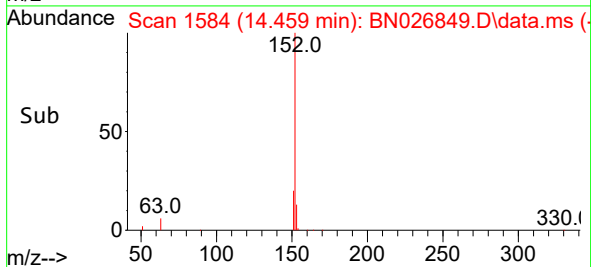
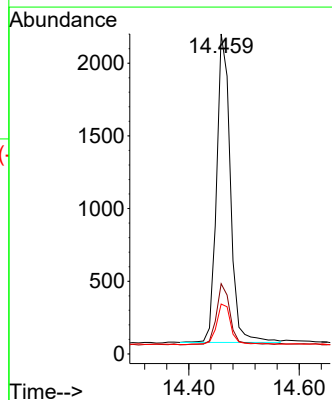
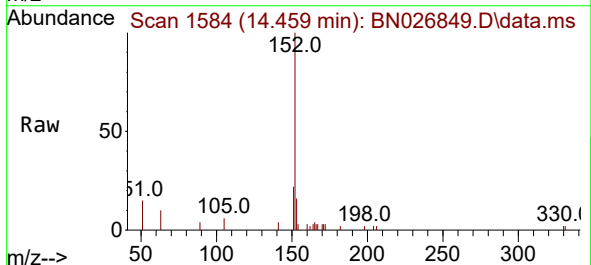
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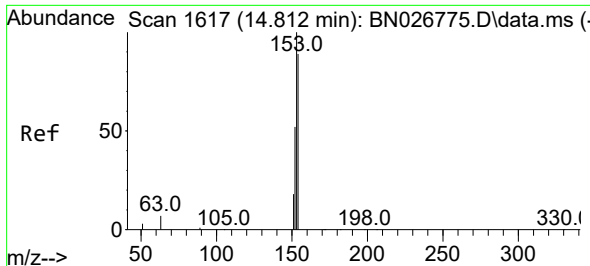
Tgt Ion:172 Resp: 21903
Ion Ratio Lower Upper
172 100
171 33.9 28.0 42.0
170 22.9 19.2 28.8



#16
Acenaphthylene
Concen: 0.052 ng
RT: 14.459 min Scan# 1584
Delta R.T. -0.011 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Tgt Ion:152 Resp: 3683
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.4 10.5 15.7

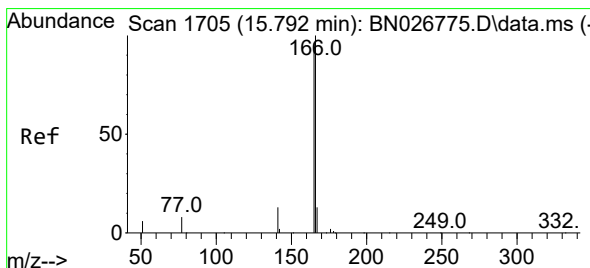
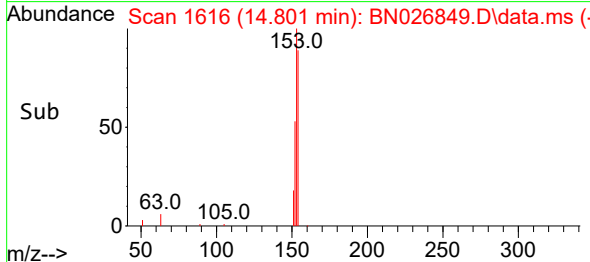
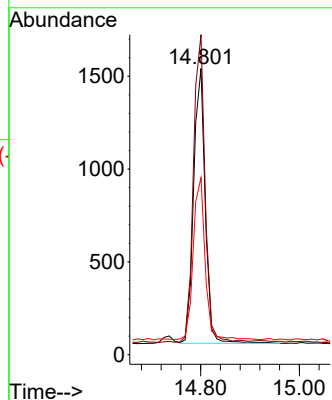
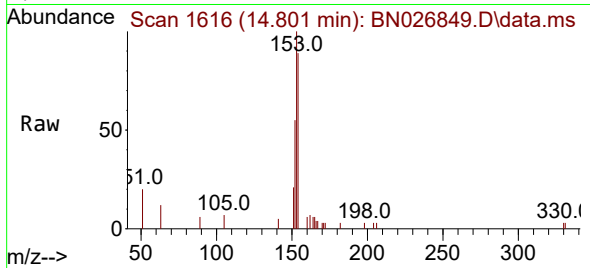




#17
Acenaphthene
Concen: 0.054 ng
RT: 14.801 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

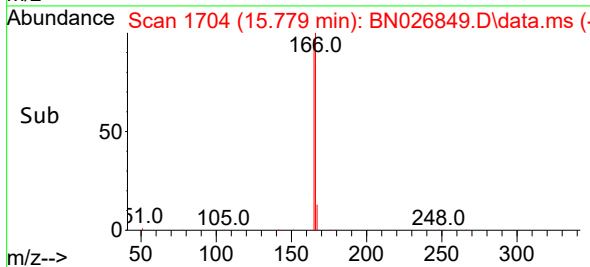
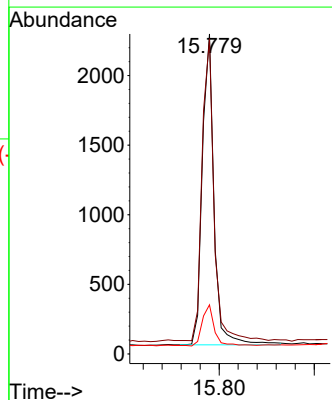
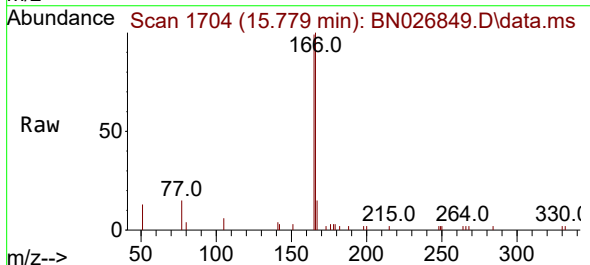
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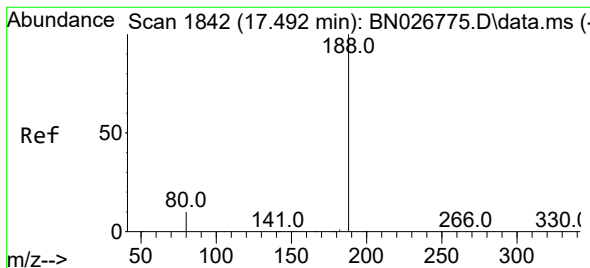
Tgt Ion:154 Resp: 2407
Ion Ratio Lower Upper
154 100
153 112.3 90.0 135.0
152 59.9 48.6 73.0



#18
Fluorene
Concen: 0.066 ng
RT: 15.779 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Tgt Ion:166 Resp: 3827
Ion Ratio Lower Upper
166 100
165 97.6 79.0 118.6
167 13.1 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.480 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BN026849.D

Acq: 08 Aug 2023 14:57

Instrument :

BNA_N

ClientSampleId :

PB154632BL

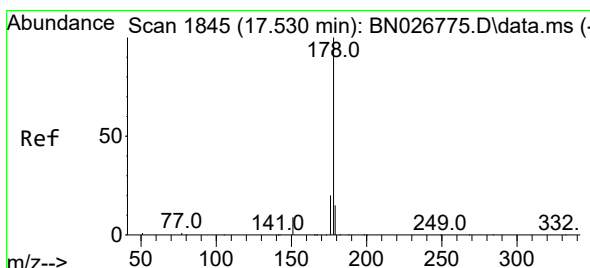
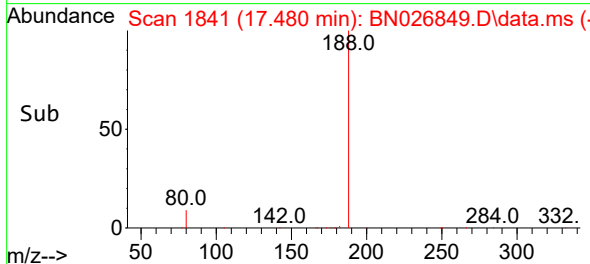
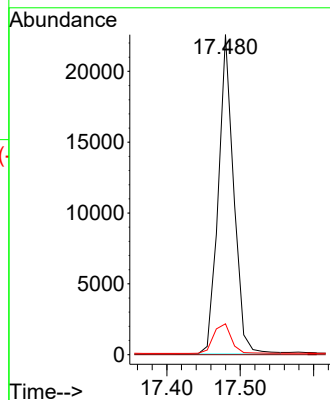
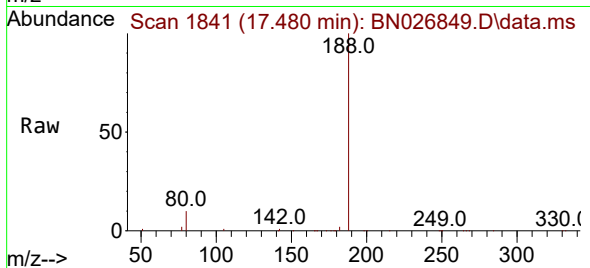
Tgt Ion:188 Resp: 32859

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 8.0 12.0



#25

Phenanthrene

Concen: 0.090 ng

RT: 17.517 min Scan# 1844

Delta R.T. -0.013 min

Lab File: BN026849.D

Acq: 08 Aug 2023 14:57

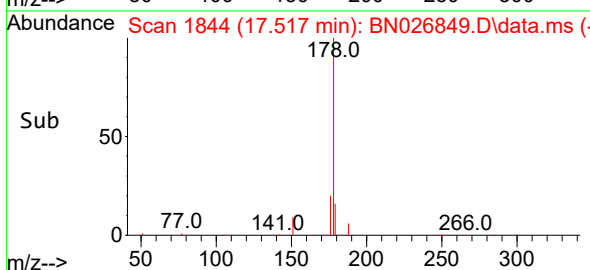
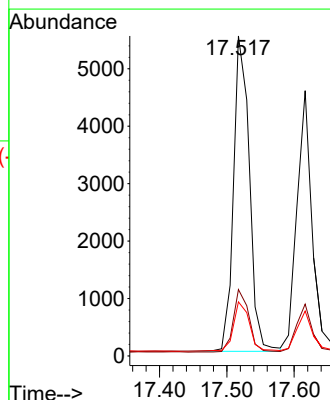
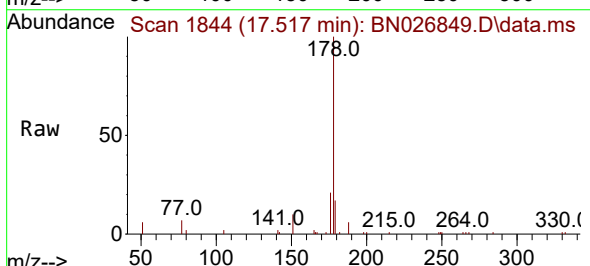
Tgt Ion:178 Resp: 9018

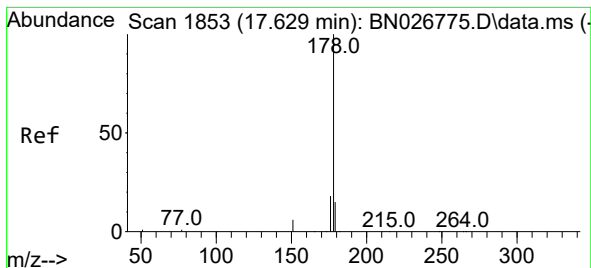
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.7 12.2 18.2





#26

Anthracene

Concen: 0.080 ng

RT: 17.616 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN026849.D

Acq: 08 Aug 2023 14:57

Instrument :

BNA_N

ClientSampleId :

PB154632BL

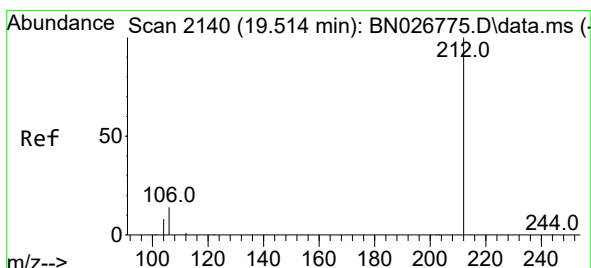
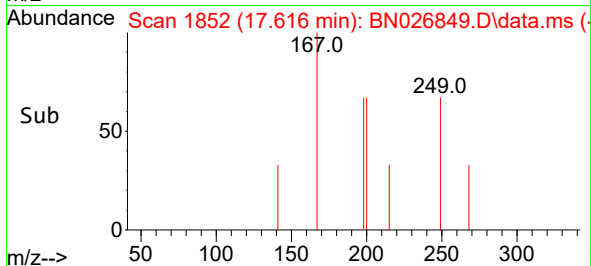
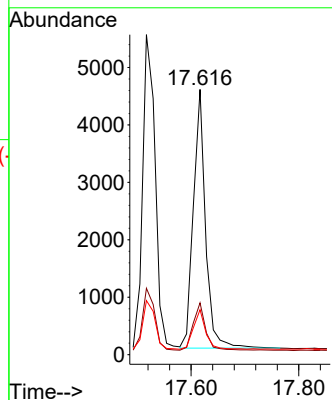
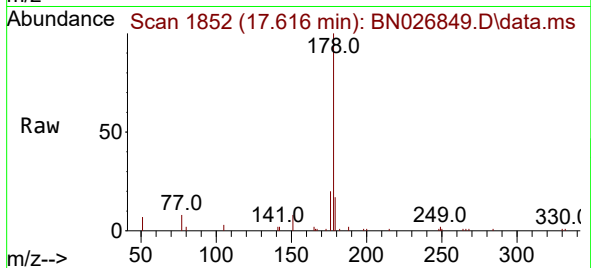
Tgt Ion:178 Resp: 7108

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.7 12.2 18.2



#27

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.500 min Scan# 2137

Delta R.T. -0.005 min

Lab File: BN026849.D

Acq: 08 Aug 2023 14:57

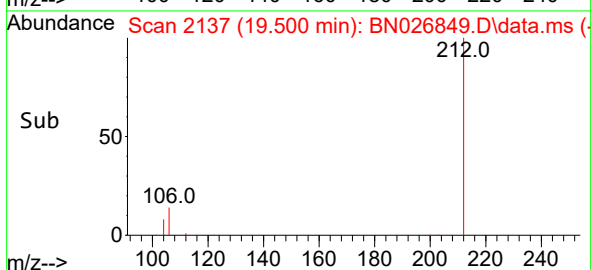
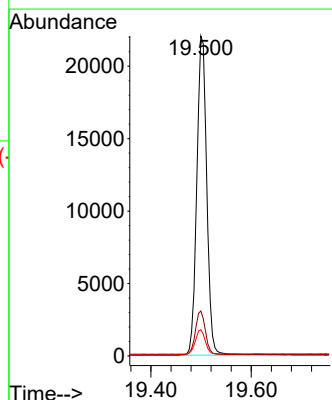
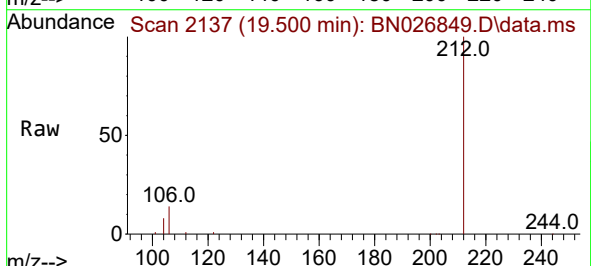
Tgt Ion:212 Resp: 30335

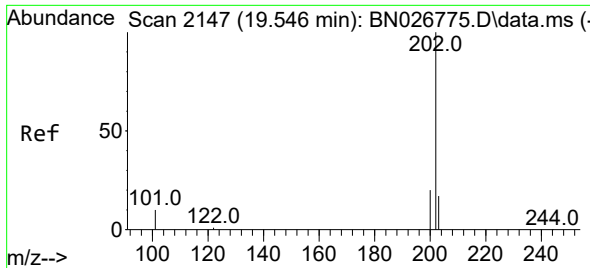
Ion Ratio Lower Upper

212 100

106 13.7 11.7 17.5

104 7.6 6.4 9.6

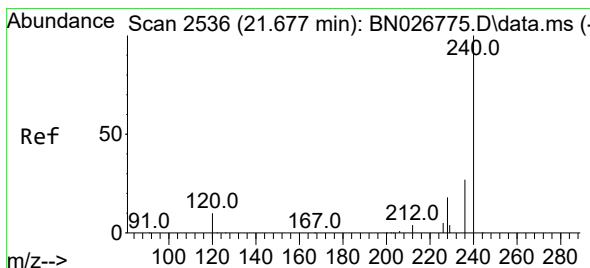
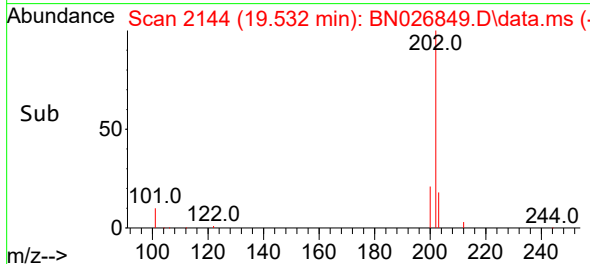
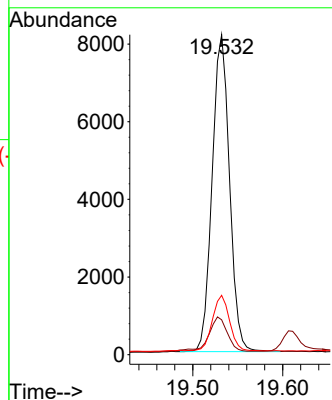
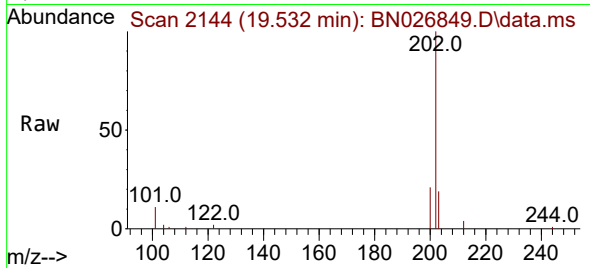




#28
Fluoranthene
Concen: 0.098 ng
RT: 19.532 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

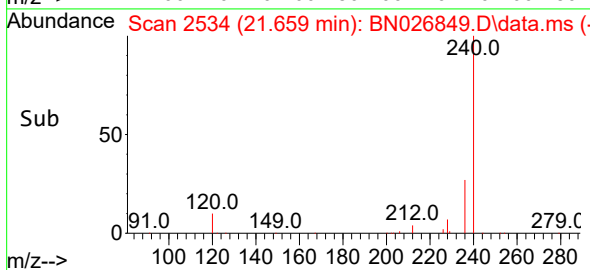
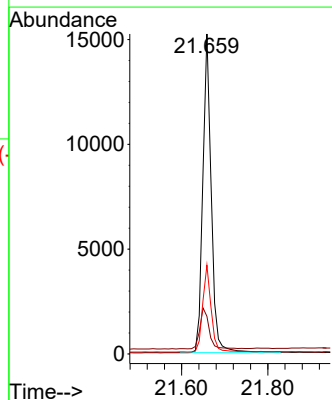
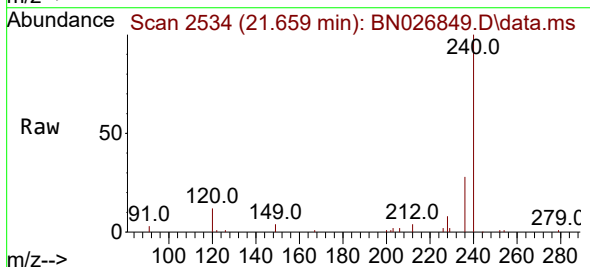
Instrument :
BNA_N
ClientSampleId :
PB154632BL

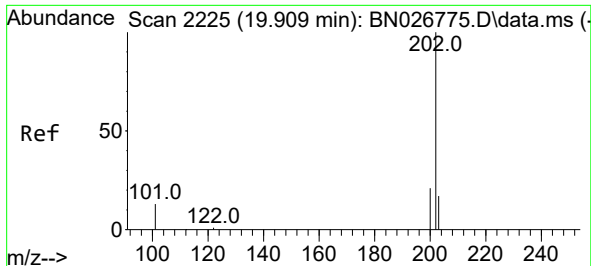
Tgt Ion:202 Resp: 10940
Ion Ratio Lower Upper
202 100
101 12.3 9.2 13.8
203 17.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Tgt Ion:240 Resp: 20833
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 27.7 21.9 32.9

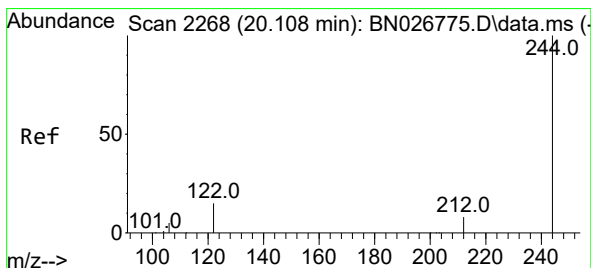
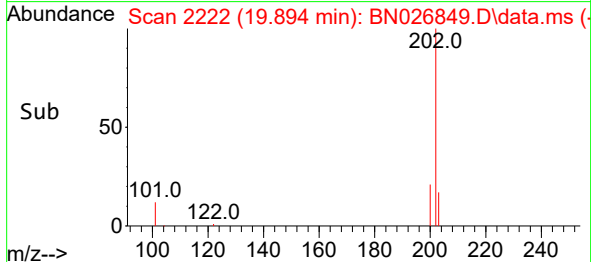
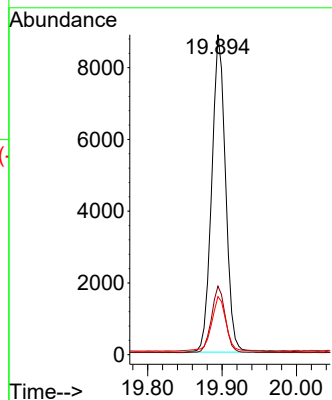
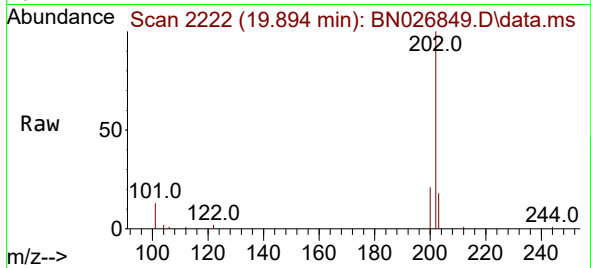




#30
 Pyrene
 Concen: 0.127 ng
 RT: 19.894 min Scan# 211
 Delta R.T. -0.005 min
 Lab File: BN026849.D
 Acq: 08 Aug 2023 14:57

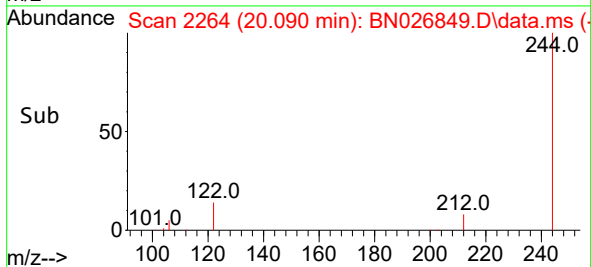
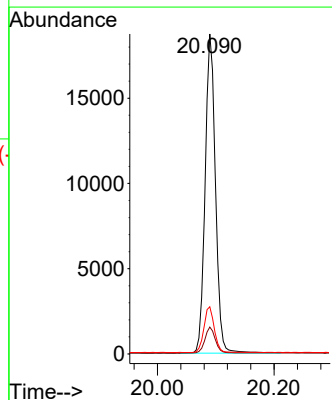
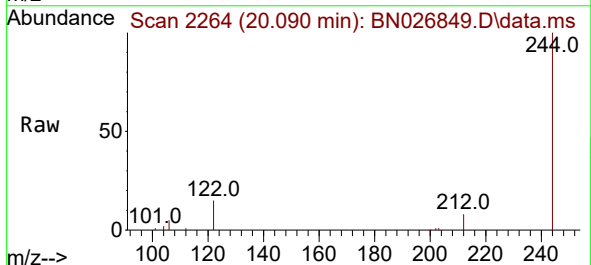
Instrument :
 BNA_N
 ClientSampleId :
 PB154632BL

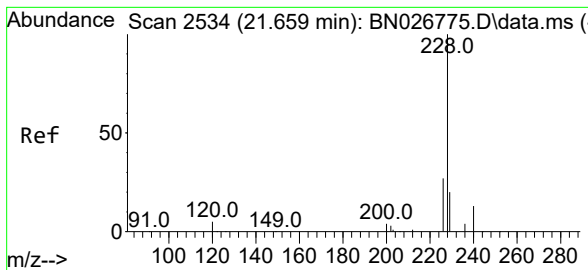
Tgt Ion:202 Resp: 11413
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.8 25.2
 203 17.9 14.2 21.2



#31
 Terphenyl-d14
 Concen: 0.533 ng
 RT: 20.090 min Scan# 2264
 Delta R.T. -0.005 min
 Lab File: BN026849.D
 Acq: 08 Aug 2023 14:57

Tgt Ion:244 Resp: 23139
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.4
 122 14.8 12.3 18.5





#32

Benzo(a)anthracene

Concen: 0.110 ng

RT: 21.641 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN026849.D

Acq: 08 Aug 2023 14:57

Instrument :

BNA_N

ClientSampleId :

PB154632BL

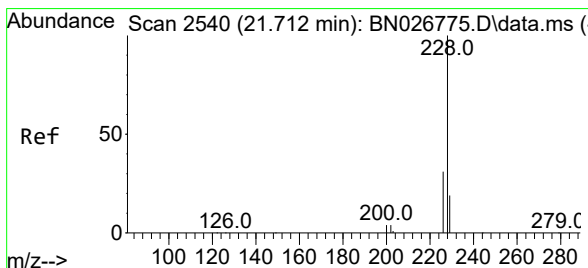
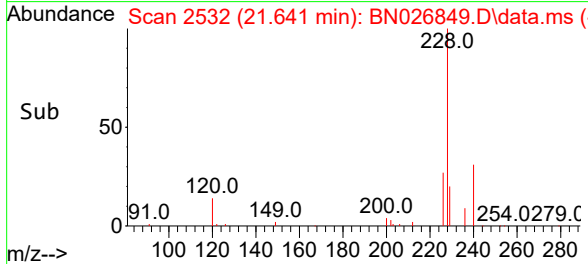
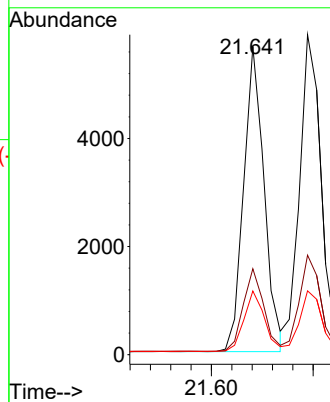
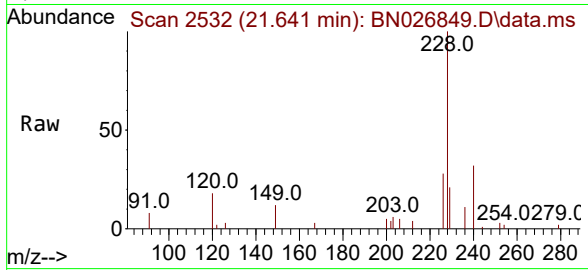
Tgt Ion:228 Resp: 7881

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

229 20.6 15.8 23.8



#33

Chrysene

Concen: 0.110 ng

RT: 21.694 min Scan# 2538

Delta R.T. -0.009 min

Lab File: BN026849.D

Acq: 08 Aug 2023 14:57

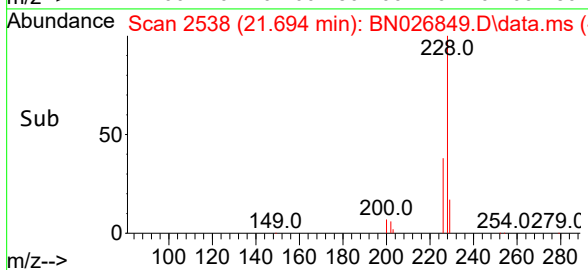
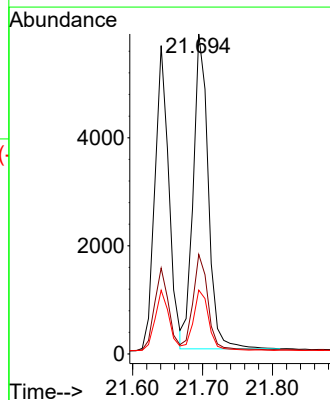
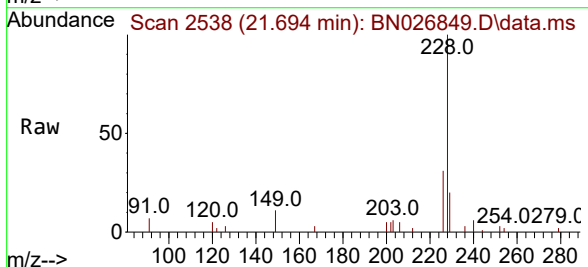
Tgt Ion:228 Resp: 8728

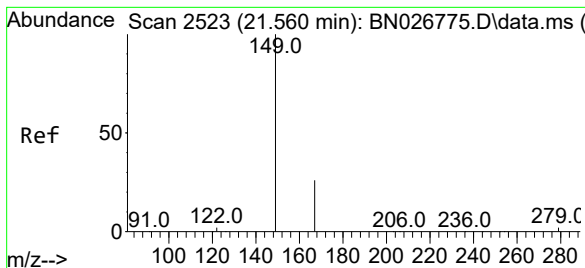
Ion Ratio Lower Upper

228 100

226 31.1 24.6 36.8

229 20.0 15.4 23.2

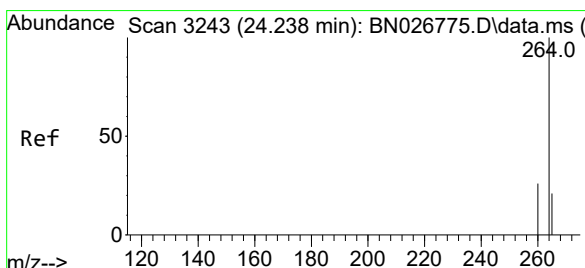
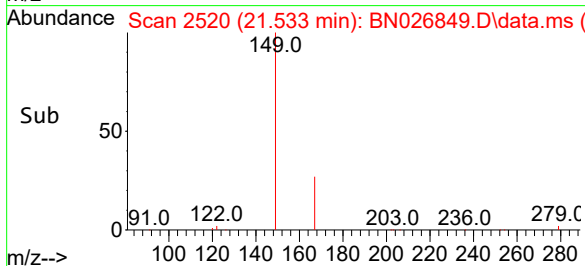
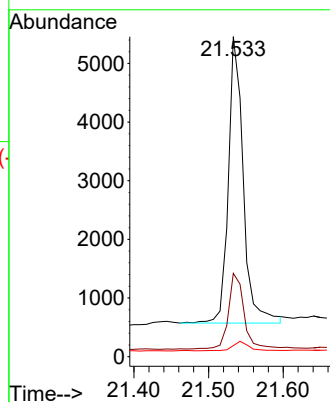
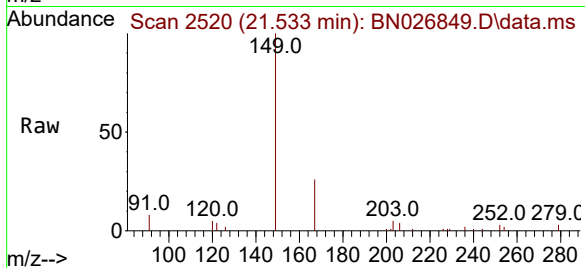




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.287 ng
 RT: 21.533 min Scan# 2153
 Delta R.T. -0.009 min
 Lab File: BN026849.D
 Acq: 08 Aug 2023 14:57

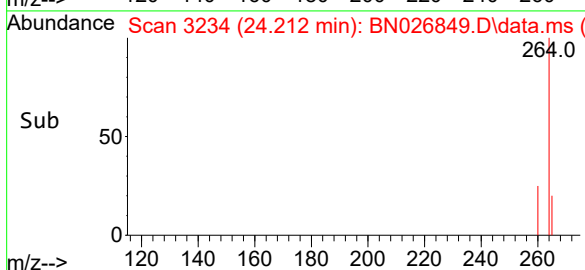
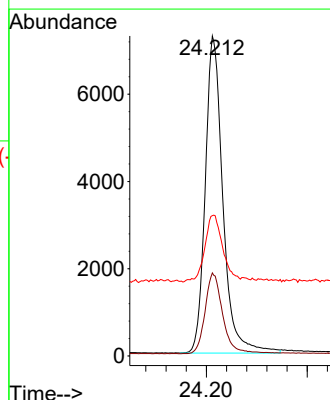
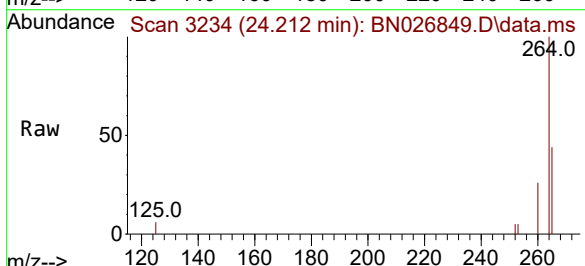
Instrument :
 BNA_N
 ClientSampleId :
 PB154632BL

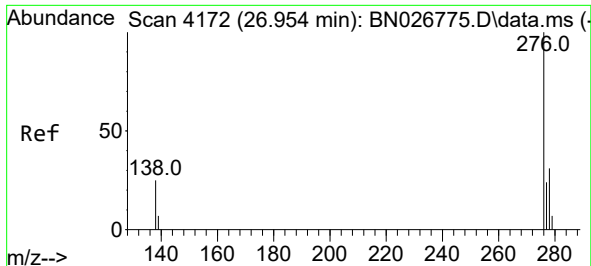
Tgt Ion:149 Resp: 6805
 Ion Ratio Lower Upper
 149 100
 167 27.8 20.8 31.2
 279 3.5 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.212 min Scan# 3234
 Delta R.T. -0.015 min
 Lab File: BN026849.D
 Acq: 08 Aug 2023 14:57

Tgt Ion:264 Resp: 17661
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.0 31.6
 265 43.9 22.6 33.8#

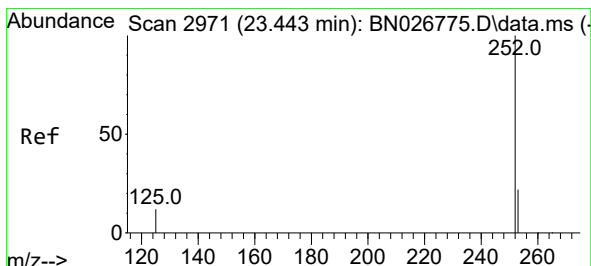
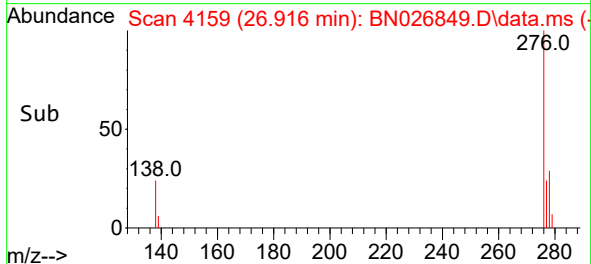
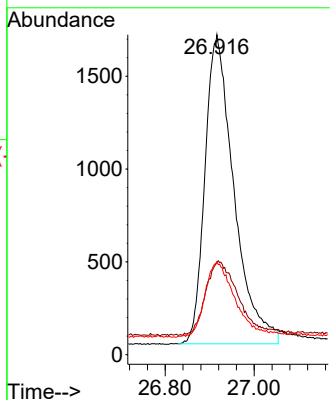
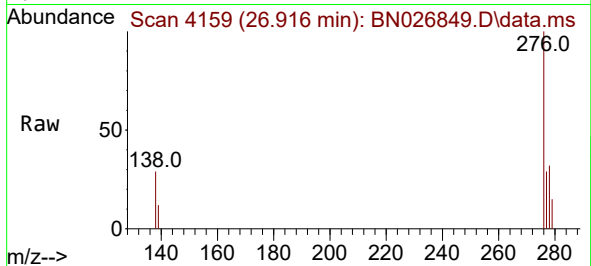




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.104 ng
RT: 26.916 min Scan# 4172
Delta R.T. -0.015 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

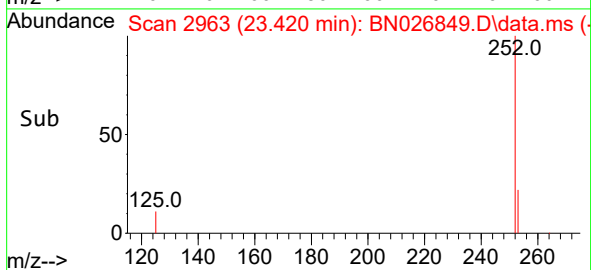
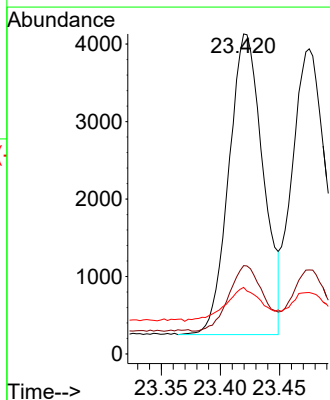
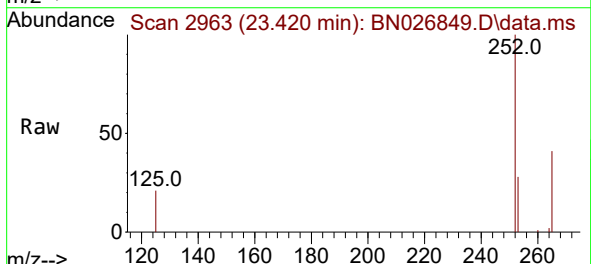
Instrument :
BNA_N
ClientSampleId :
PB154632BL

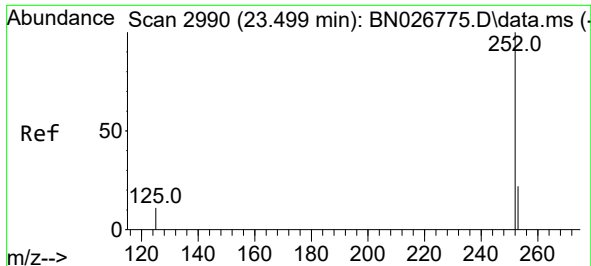
Tgt Ion:276 Resp: 7527
Ion Ratio Lower Upper
276 100
138 26.6 22.8 34.2
277 24.6 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 0.112 ng
RT: 23.420 min Scan# 2963
Delta R.T. -0.012 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

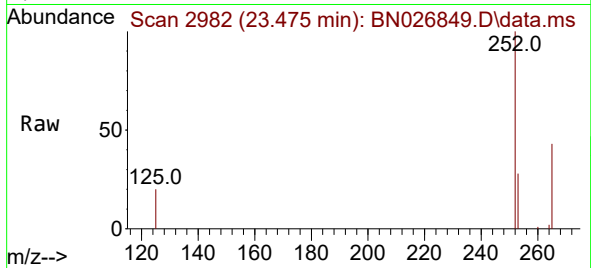
Tgt Ion:252 Resp: 7805
Ion Ratio Lower Upper
252 100
253 27.6 17.8 26.8#
125 20.8 10.8 16.2#



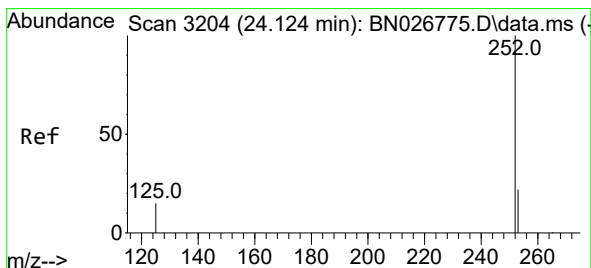
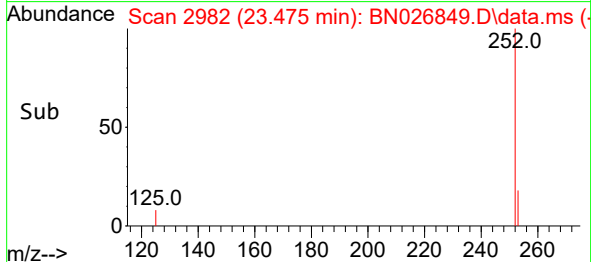
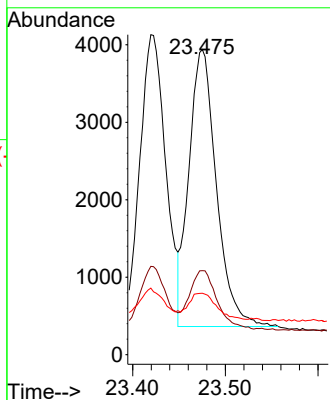


#38
Benzo(k)fluoranthene
Concen: 0.103 ng
RT: 23.475 min Scan# 2982
Delta R.T. -0.009 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Instrument :
BNA_N
ClientSampleId :
PB154632BL

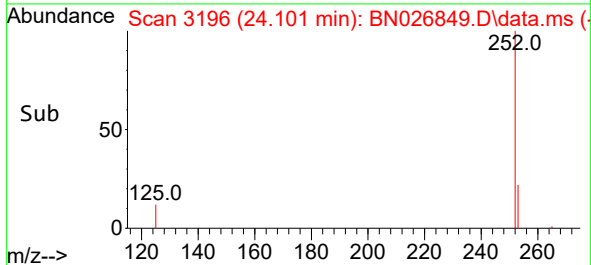
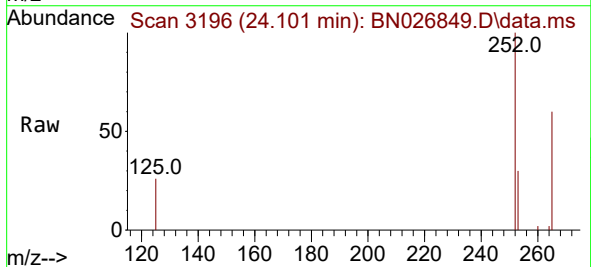
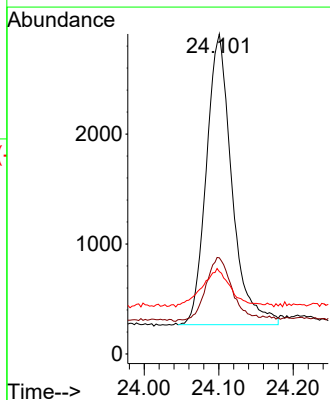


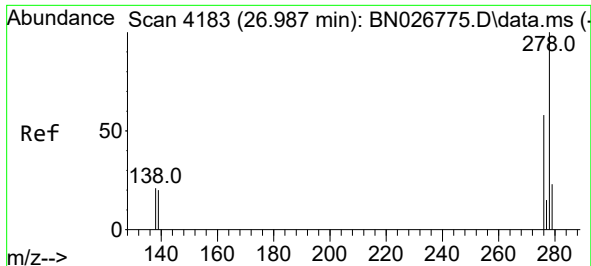
Tgt Ion:252 Resp: 7384
Ion Ratio Lower Upper
252 100
253 27.5 18.0 27.0#
125 20.2 9.4 14.2#



#39
Benzo(a)pyrene
Concen: 0.099 ng
RT: 24.101 min Scan# 3196
Delta R.T. -0.009 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Tgt Ion:252 Resp: 6279
Ion Ratio Lower Upper
252 100
253 30.1 18.5 27.7#
125 25.7 12.7 19.1#

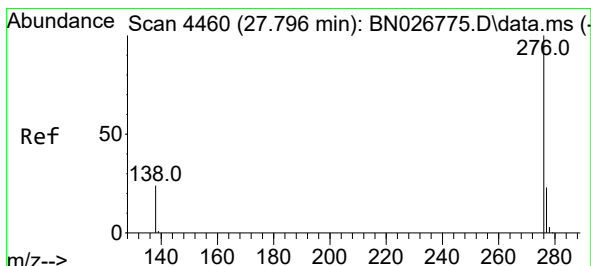
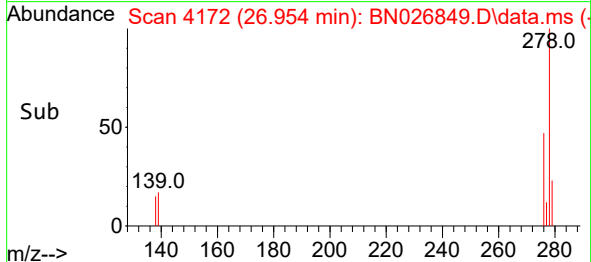
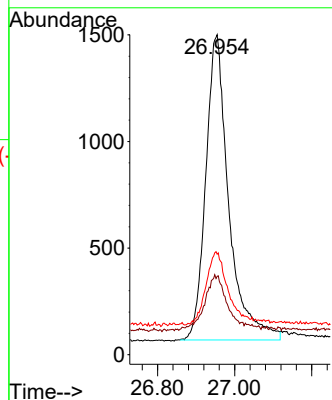
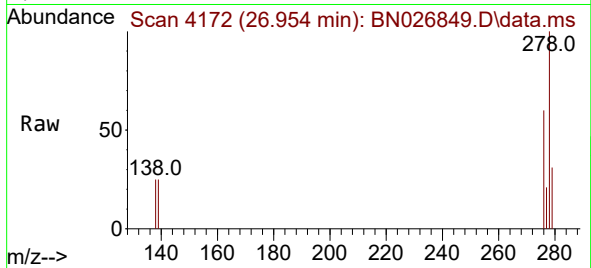




#40
Dibenzo(a,h)anthracene
Concen: 0.106 ng
RT: 26.954 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Instrument :
BNA_N
ClientSampleId :
PB154632BL

Tgt Ion:278 Resp: 5936
Ion Ratio Lower Upper
278 100
139 24.5 16.8 25.2
279 31.4 19.5 29.3#



#41
Benzo(g,h,i)perylene
Concen: 0.099 ng
RT: 27.755 min Scan# 4446
Delta R.T. -0.015 min
Lab File: BN026849.D
Acq: 08 Aug 2023 14:57

Tgt Ion:276 Resp: 6565
Ion Ratio Lower Upper
276 100
277 28.7 19.1 28.7#
138 27.6 19.8 29.6

