

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082823\
 Data File : BN027215.D
 Acq On : 28 Aug 2023 13:43
 Operator : MA/JU
 Sample : 04051-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20230816MSD

Quant Time: Aug 29 03:24:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 03:21:06 2023
 Response via : Initial Calibration

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

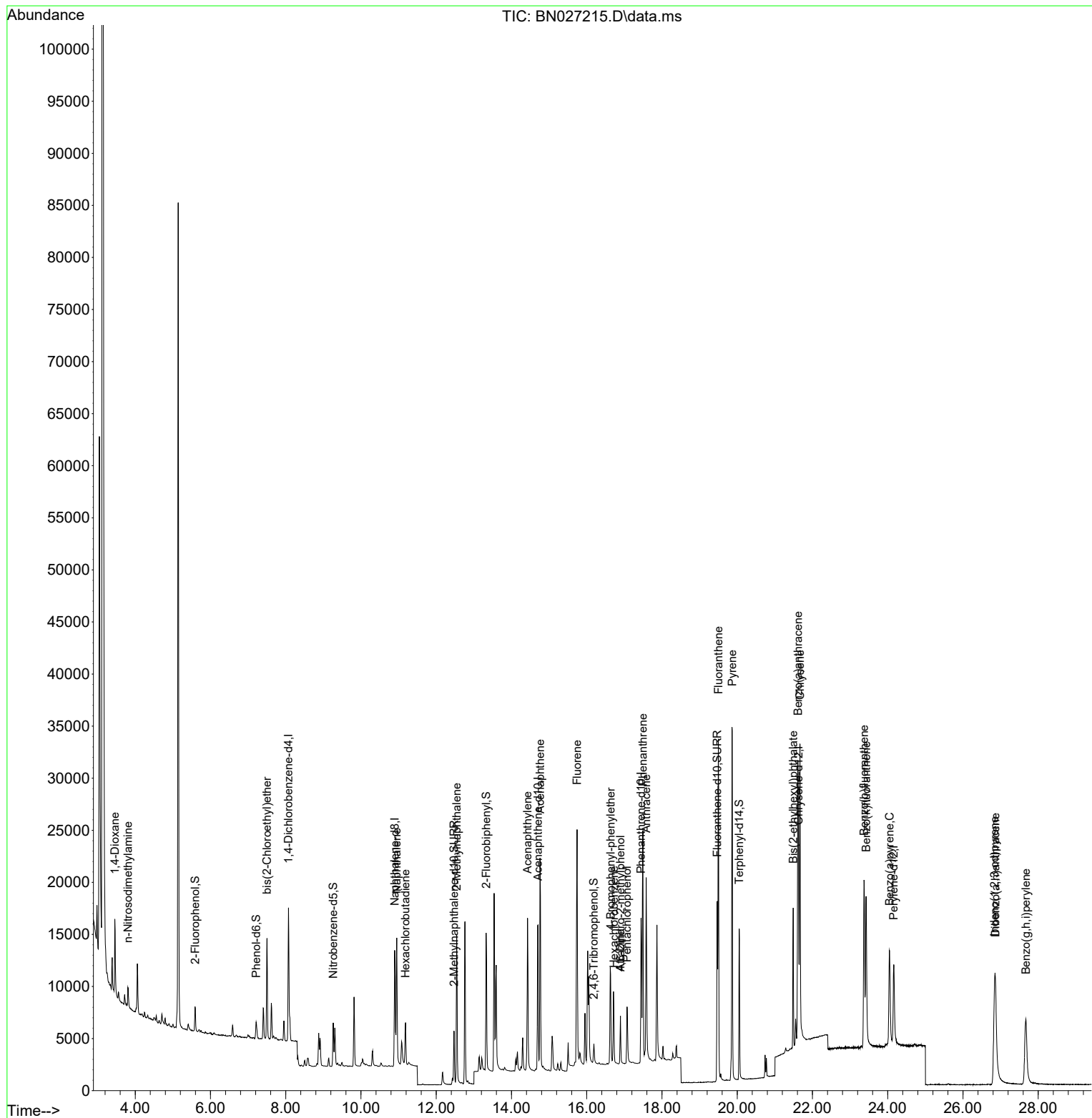
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6270	0.400	ng	0.00
7) Naphthalene-d8	10.896	136	16326	0.400	ng	# 0.00
13) Acenaphthene-d10	14.705	164	9323	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	20624	0.400	ng	#-0.01
29) Chrysene-d12	21.632	240	15663	0.400	ng	0.00
35) Perylene-d12	24.159	264	13663	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2028	0.115	ng	0.00
5) Phenol-d6	7.214	99	1381	0.063	ng	0.00
8) Nitrobenzene-d5	9.262	82	3626	0.263	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	7310	0.282	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1149	0.232	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	12318	0.356	ng	0.00
27) Fluoranthene-d10	19.467	212	19193	0.363	ng	0.00
31) Terphenyl-d14	20.053	244	14590	0.446	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	4940	0.733	ng	# 90
3) n-Nitrosodimethylamine	3.805	42	1190	0.158	ng	# 91
6) bis(2-Chloroethyl)ether	7.503	93	7059	0.385	ng	95
9) Naphthalene	10.949	128	16382	0.381	ng	100
10) Hexachlorobutadiene	11.184	225	3187	0.363	ng	# 100
12) 2-Methylnaphthalene	12.544	142	10759	0.320	ng	99
16) Acenaphthylene	14.427	152	17081	0.384	ng	99
17) Acenaphthene	14.758	154	10484	0.381	ng	96
18) Fluorene	15.742	166	14645	0.397	ng	98
20) 4,6-Dinitro-2-methylph...	16.897	198	146	0.451	ng	# 50
21) 4-Bromophenyl-phenylether	16.636	248	4253	0.361	ng	# 94
22) Hexachlorobenzene	16.723	284	5395	0.429	ng	95
23) Atrazine	16.897	200	3553	0.339	ng	# 94
24) Pentachlorophenol	17.070	266	3007	0.474	ng	98
25) Phenanthrene	17.493	178	25325	0.427	ng	100
26) Anthracene	17.579	178	20655	0.373	ng	100
28) Fluoranthene	19.500	202	30126	0.429	ng	99
30) Pyrene	19.867	202	31068	0.515	ng	99
32) Benzo(a)anthracene	21.614	228	23958	0.424	ng	98
33) Chrysene	21.668	228	26322	0.461	ng	99
34) Bis(2-ethylhexyl)phtha...	21.489	149	12547	0.308	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.840	276	20018	0.358	ng	95
37) Benzo(b)fluoranthene	23.370	252	23796	0.520	ng	# 93
38) Benzo(k)fluoranthene	23.426	252	22556	0.480	ng	# 94
39) Benzo(a)pyrene	24.045	252	18097	0.395	ng	# 89
40) Dibenzo(a,h)anthracene	26.864	278	16071	0.361	ng	# 93
41) Benzo(g,h,i)perylene	27.671	276	17979	0.375	ng	# 95

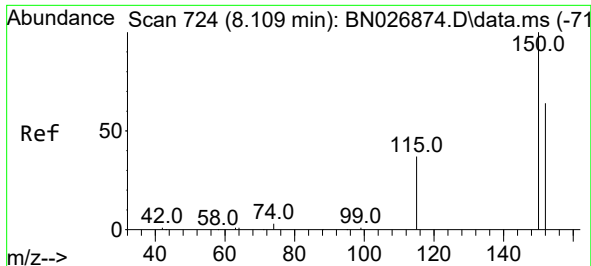
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082823\
Data File : BN027215.D
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Instrument :
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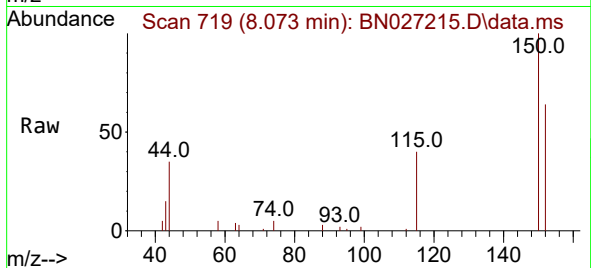
Quant Time: Aug 29 03:24:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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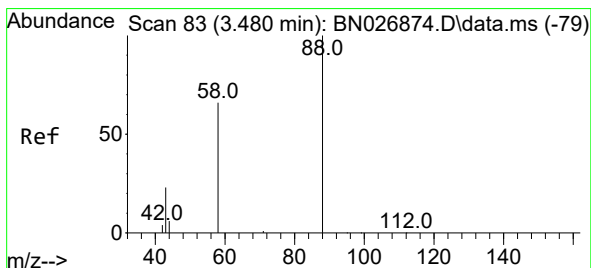
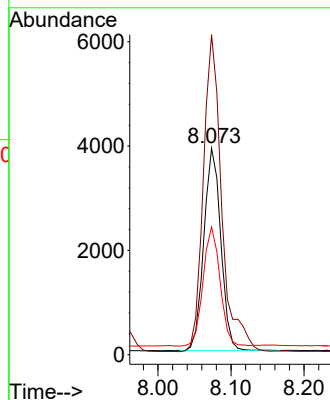
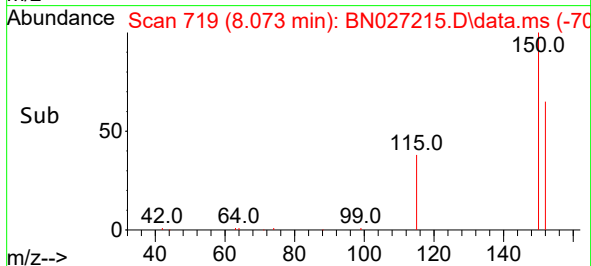


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027215.D
 Acq: 28 Aug 2023 13:43

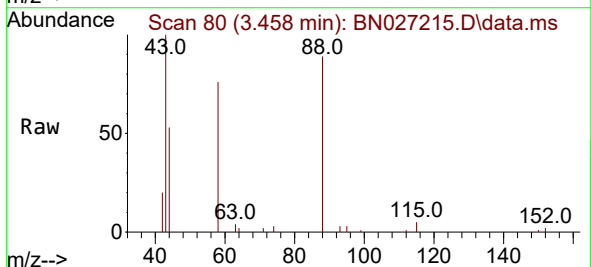
Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20230816MSD



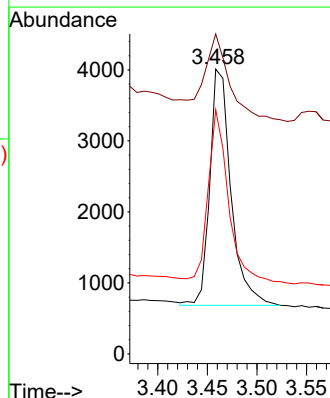
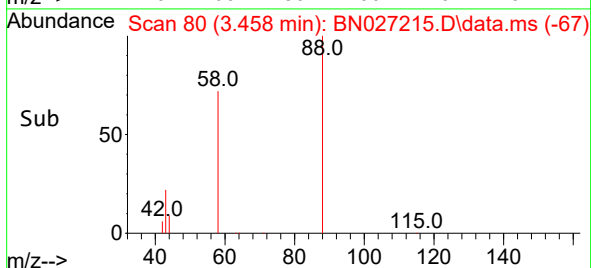
Tgt Ion:152 Resp: 6270
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.8 185.6
 115 61.8 49.7 74.5

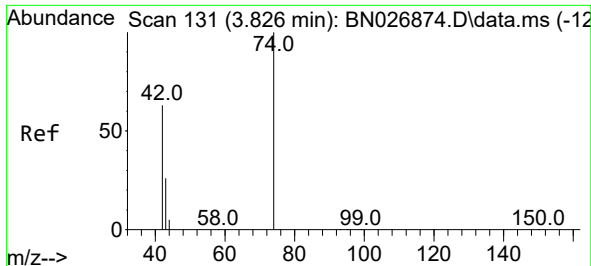


#2
 1,4-Dioxane
 Concen: 0.733 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027215.D
 Acq: 28 Aug 2023 13:43



Tgt Ion: 88 Resp: 4940
 Ion Ratio Lower Upper
 88 100
 43 42.4 19.2 28.8#
 58 68.3 54.5 81.7

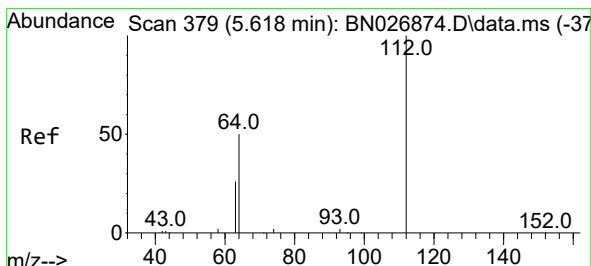
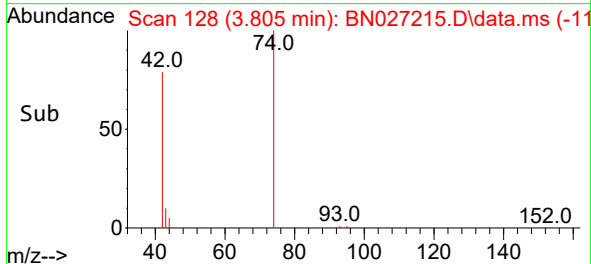
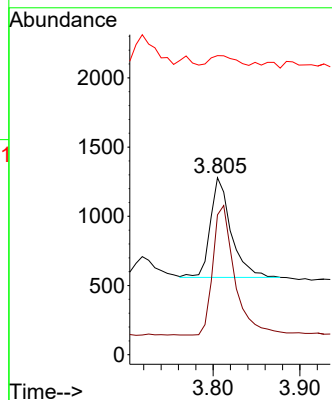
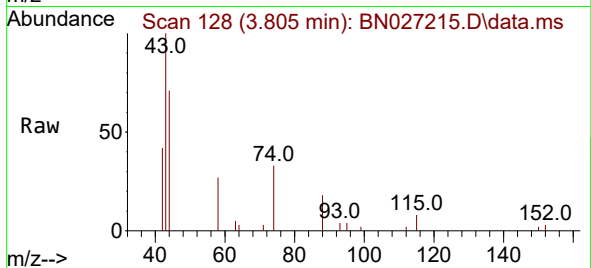




#3
n-Nitrosodimethylamine
Concen: 0.158 ng
RT: 3.805 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

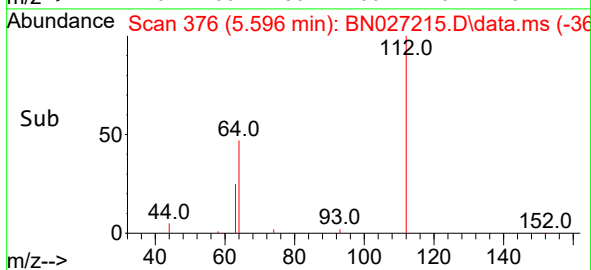
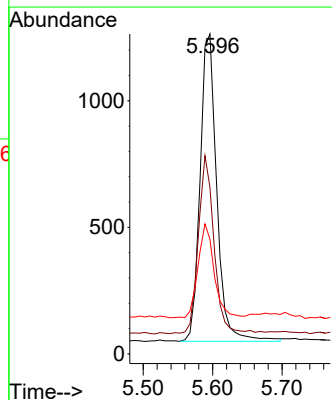
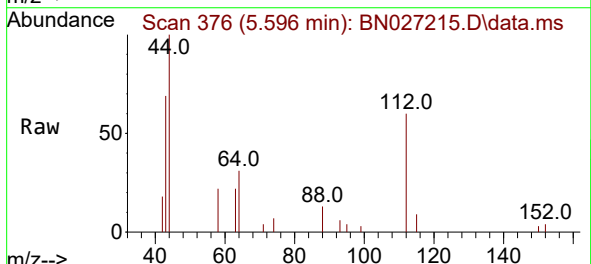
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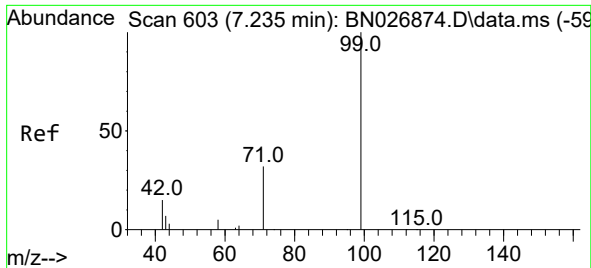
Tgt Ion: 42 Resp: 1190
Ion Ratio Lower Upper
42 100
74 137.3 119.4 179.2
44 13.6 8.7 13.1#



#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.596 min Scan# 376
Delta R.T. 0.007 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

Tgt Ion: 112 Resp: 2028
Ion Ratio Lower Upper
112 100
64 54.9 41.5 62.3
63 29.1 21.7 32.5

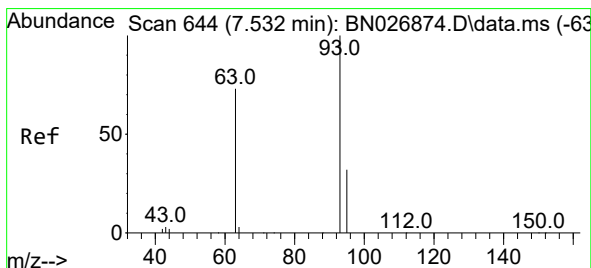
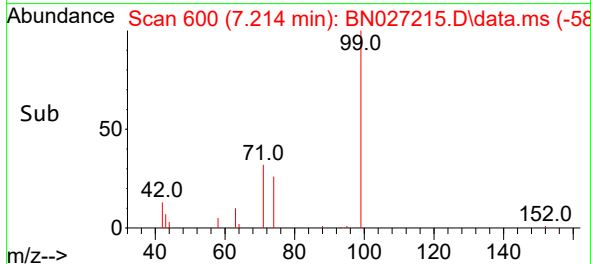
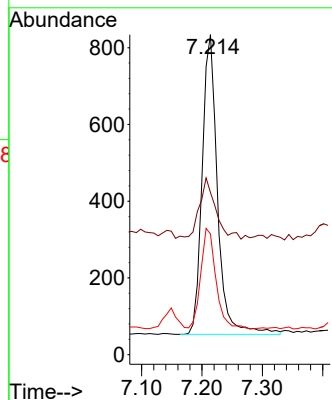
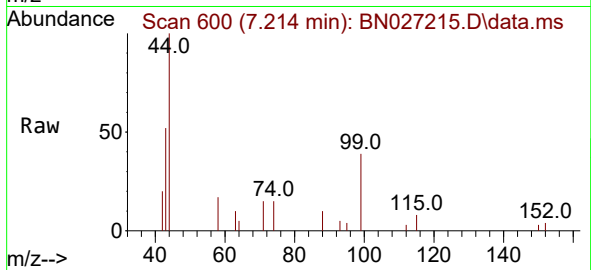




#5
Phenol-d6
Concen: 0.063 ng
RT: 7.214 min Scan# 603
Delta R.T. 0.007 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

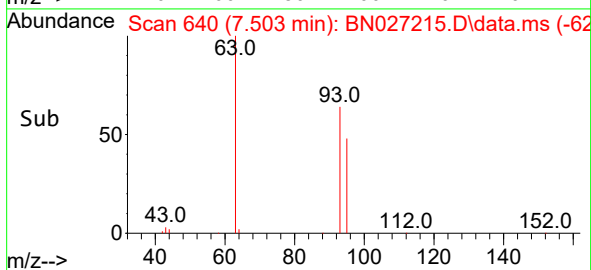
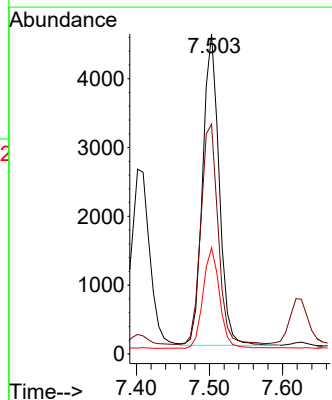
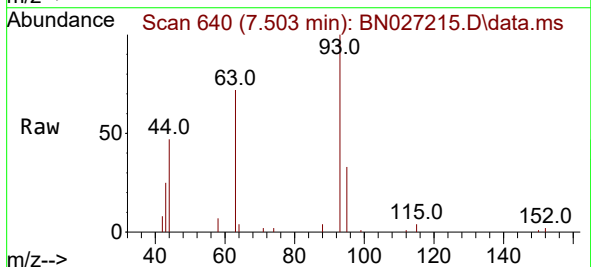
Instrument :
BNA_N
ClientSampleId :
TT180D-20230816MSD

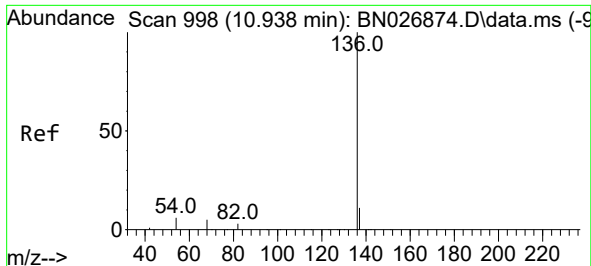
Tgt Ion: 99 Resp: 1381
Ion Ratio Lower Upper
99 100
42 20.1 13.6 20.4
71 32.8 26.0 39.0



#6
bis(2-Chloroethyl)ether
Concen: 0.385 ng
RT: 7.503 min Scan# 640
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

Tgt Ion: 93 Resp: 7059
Ion Ratio Lower Upper
93 100
63 74.3 55.0 82.4
95 32.5 26.2 39.2

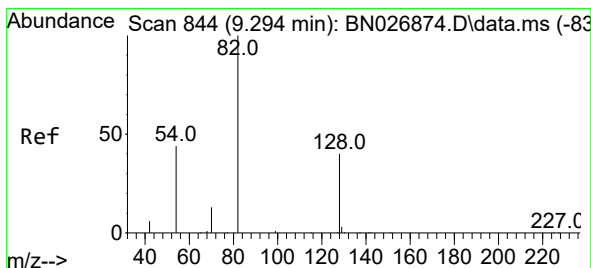
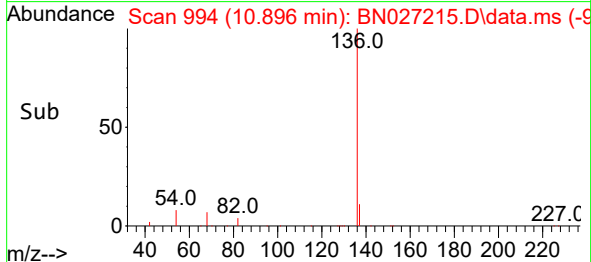
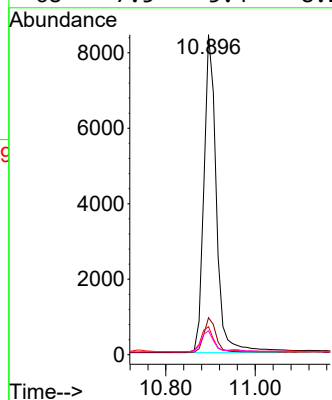
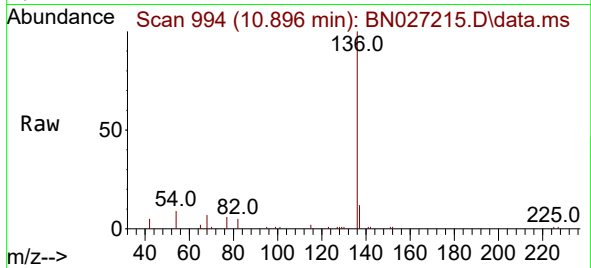




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.896 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

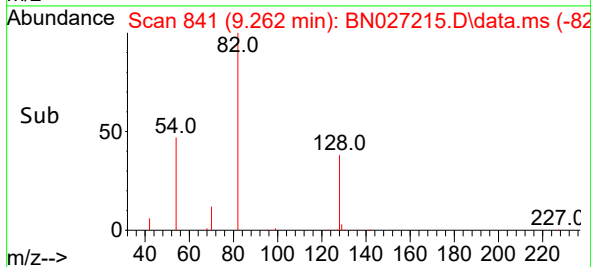
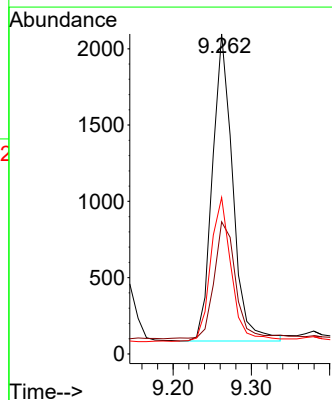
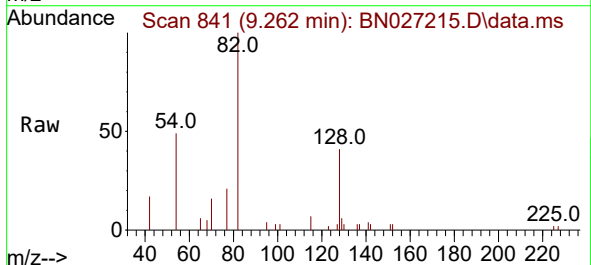
Instrument :
BNA_N
ClientSampleId :
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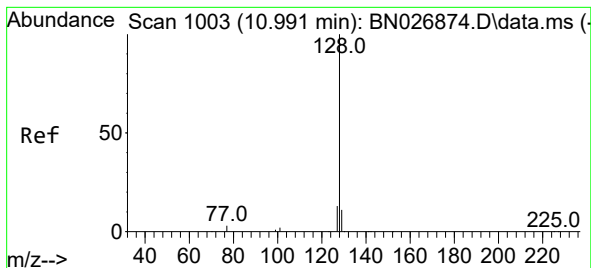
Tgt Ion:	136	Resp:	16326
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	8.8	5.5	8.3
68	7.5	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 9.262 min Scan# 841
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

Tgt Ion:	82	Resp:	3626
Ion Ratio	Lower	Upper	
82	100		
128	41.3	34.1	51.1
54	48.9	37.0	55.4





#9

Naphthalene

Concen: 0.381 ng

RT: 10.949 min Scan# 999

Delta R.T. 0.000 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

Instrument :

BNA_N

ClientSampleId :

TT180D-20230816MSD

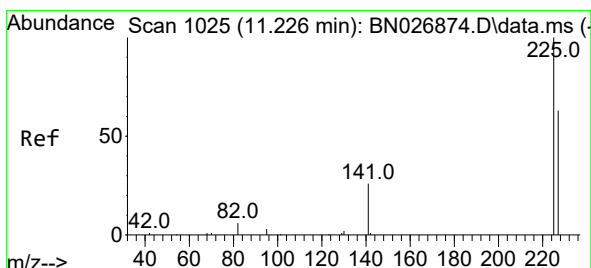
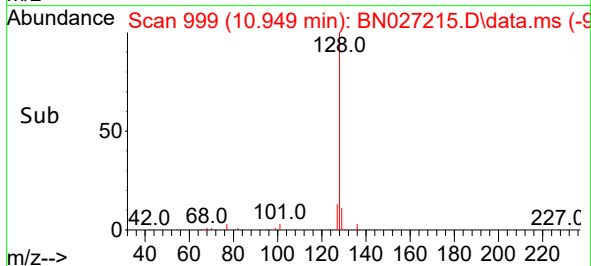
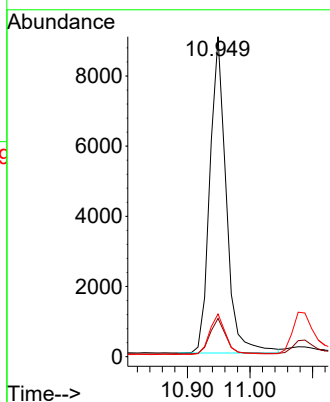
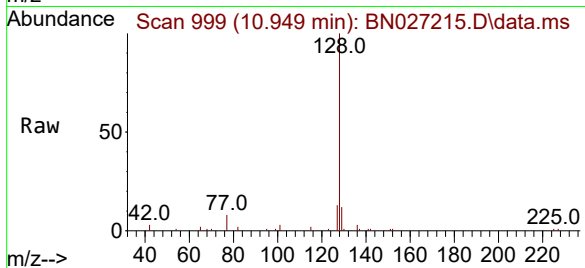
Tgt Ion:128 Resp: 16382

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.0

127 13.3 10.6 16.0



#10

Hexachlorobutadiene

Concen: 0.363 ng

RT: 11.184 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

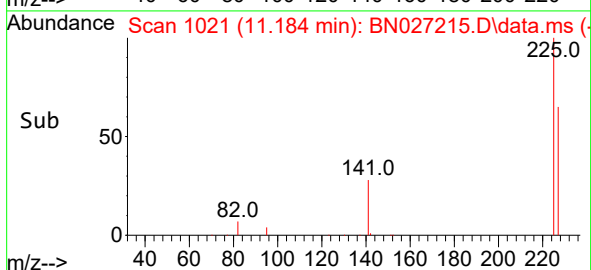
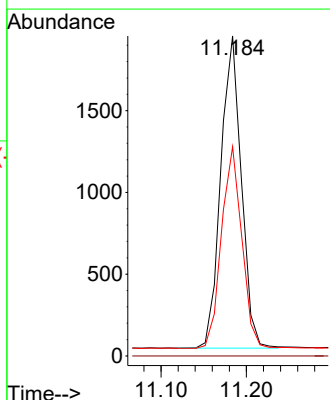
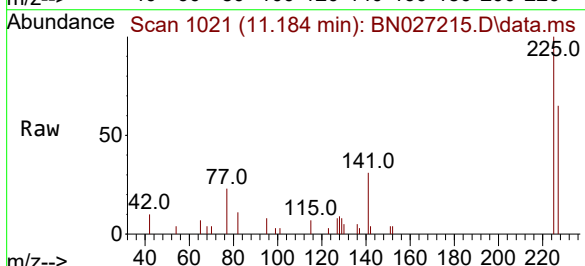
Tgt Ion:225 Resp: 3187

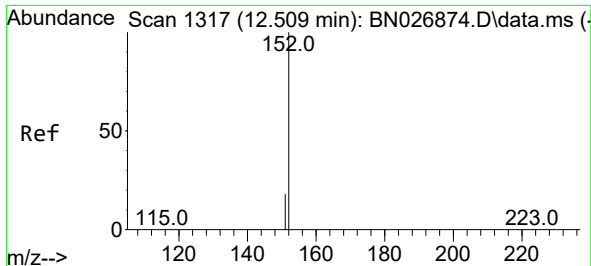
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.8 50.8 76.2

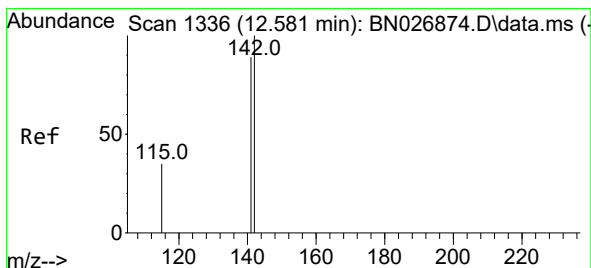
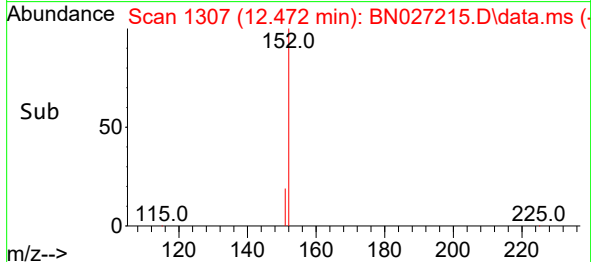
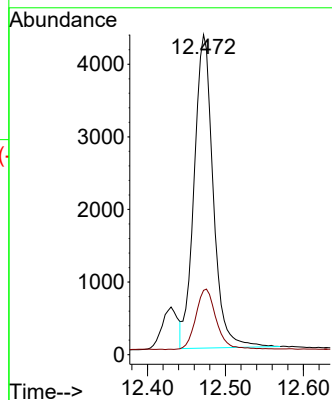
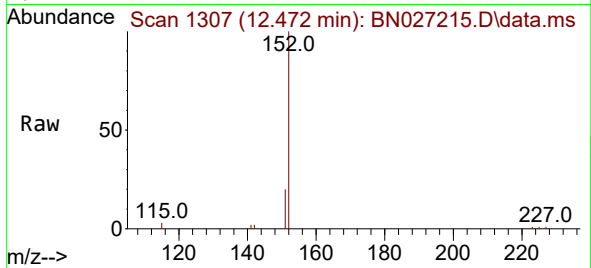




#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.472 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

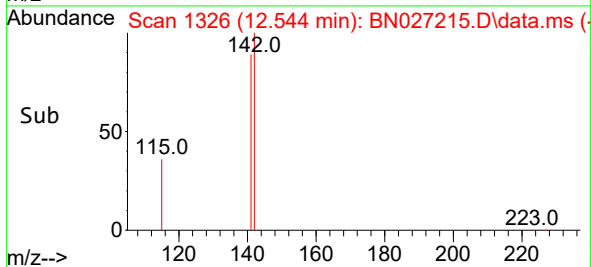
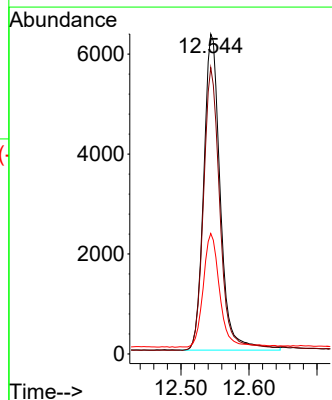
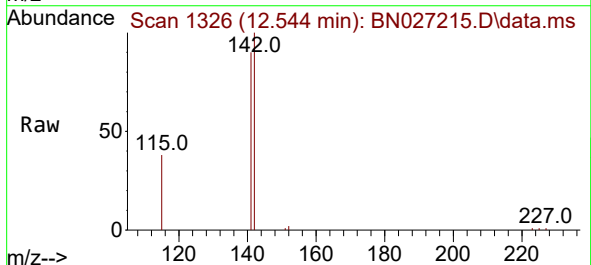
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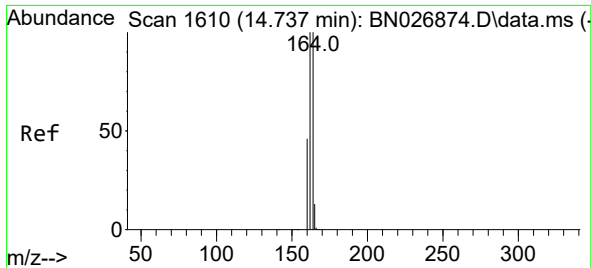
Tgt Ion:152 Resp: 7310
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5



#12
2-Methylnaphthalene
Concen: 0.320 ng
RT: 12.544 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

Tgt Ion:142 Resp: 10759
Ion Ratio Lower Upper
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141 89.5 71.0 106.6
115 37.6 29.4 44.2

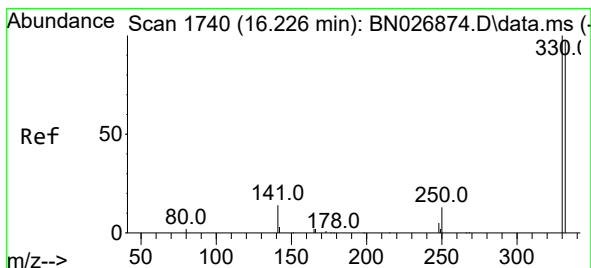
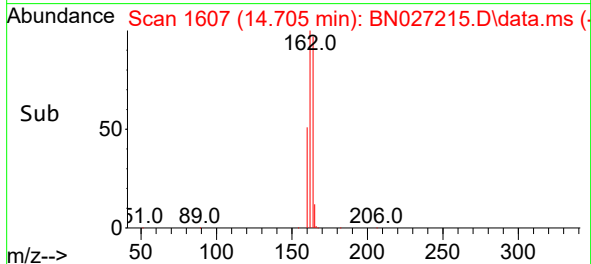
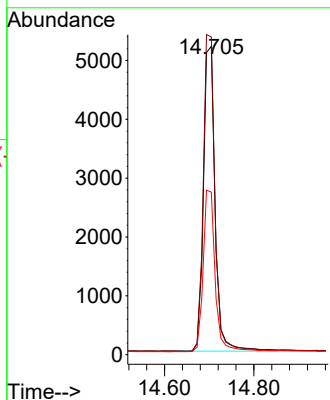
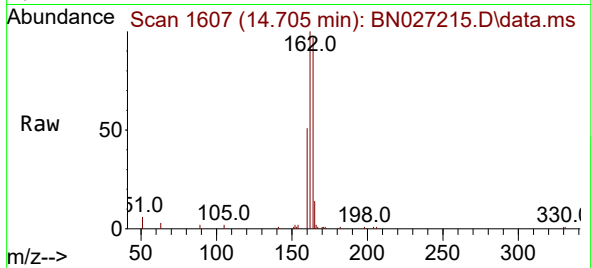




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

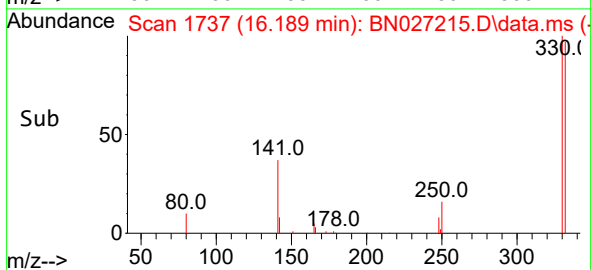
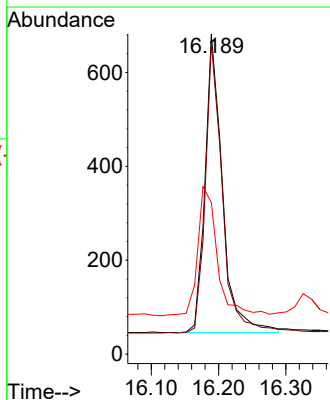
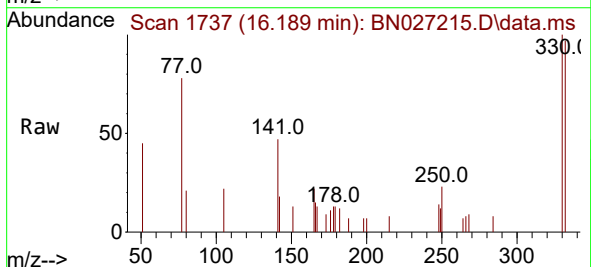
Instrument :
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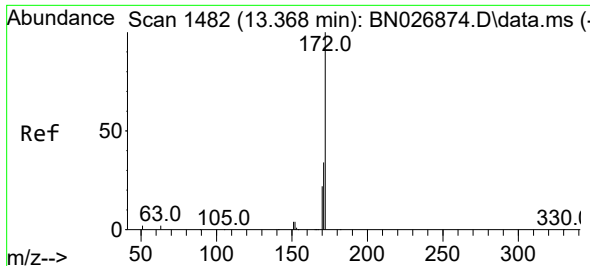
Tgt Ion:164 Resp: 9323
Ion Ratio Lower Upper
164 100
162 103.1 79.7 119.5
160 52.7 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 16.189 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

Tgt Ion:330 Resp: 1149
Ion Ratio Lower Upper
330 100
332 94.9 76.6 114.8
141 46.6 32.3 48.5

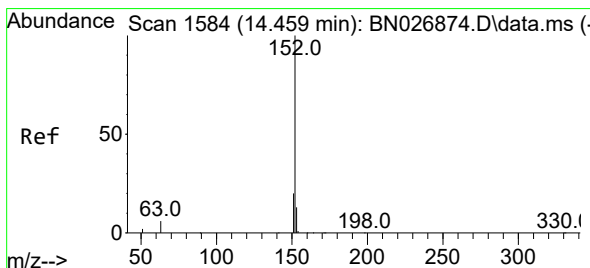
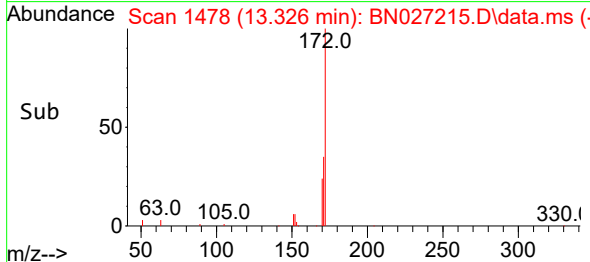
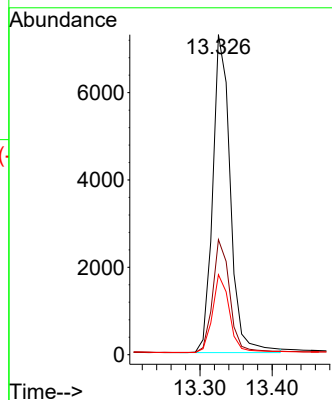
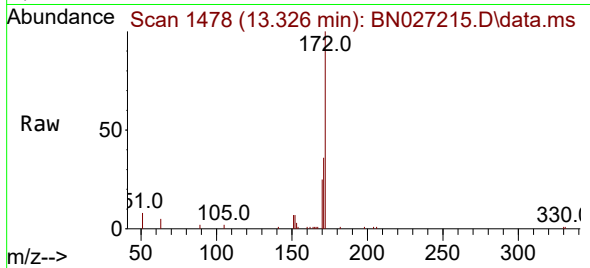




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.326 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

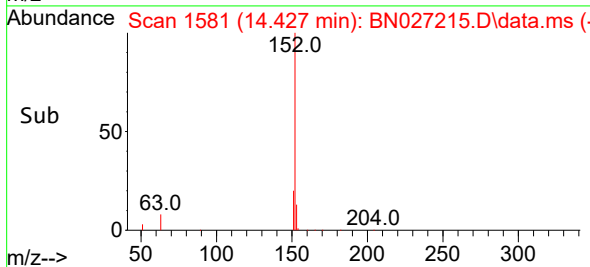
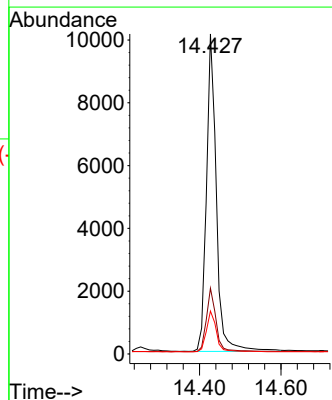
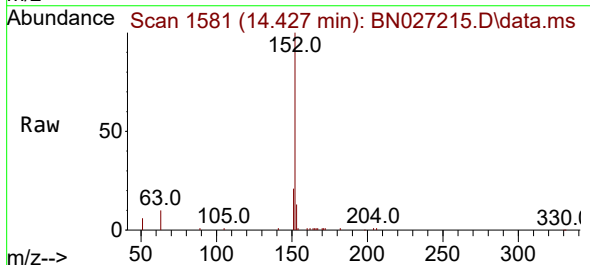
Instrument :
BNA_N
ClientSampleId :
TT180D-20230816MSD

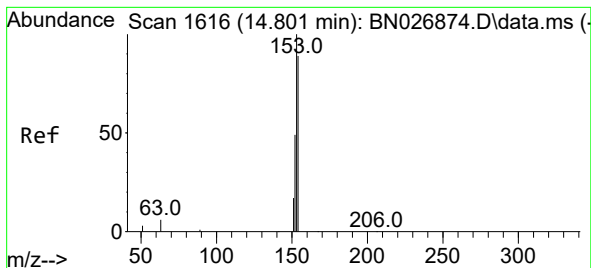
Tgt Ion:	172	Resp:	12318
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.4	41.0
170	25.0	18.0	27.0



#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.427 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

Tgt Ion:	152	Resp:	17081
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.5	23.3
153	13.1	10.5	15.7





#17

Acenaphthene

Concen: 0.381 ng

RT: 14.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027215.D

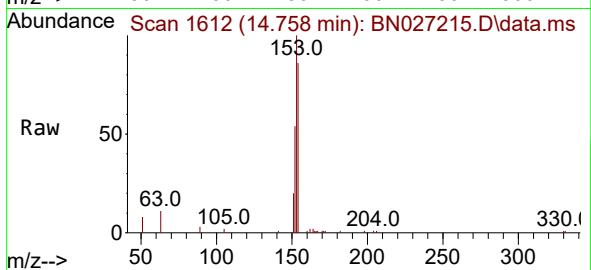
Acq: 28 Aug 2023 13:43

Instrument :

BNA_N

ClientSampleId :

TT180D-20230816MSD



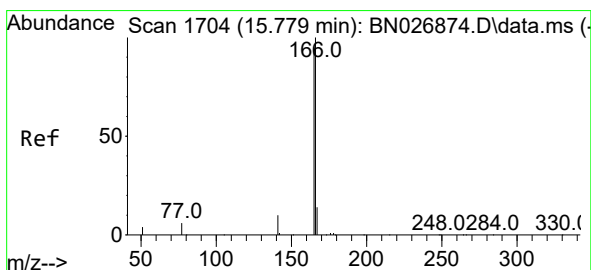
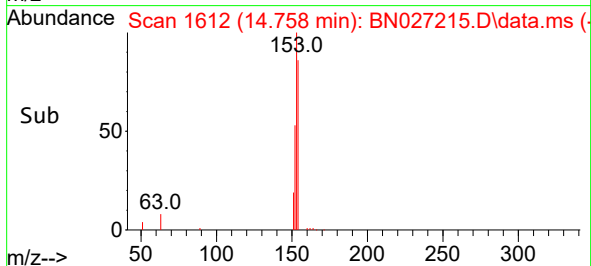
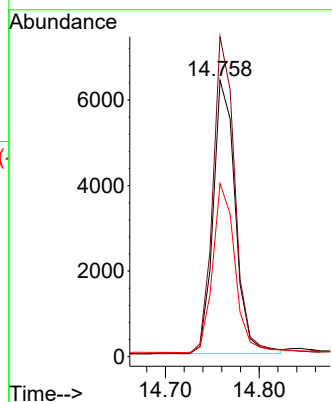
Tgt Ion:154 Resp: 10484

Ion	Ratio	Lower	Upper
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154	100		
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153	117.3	92.0	138.0
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152	63.2	46.2	69.2
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#18

Fluorene

Concen: 0.397 ng

RT: 15.742 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

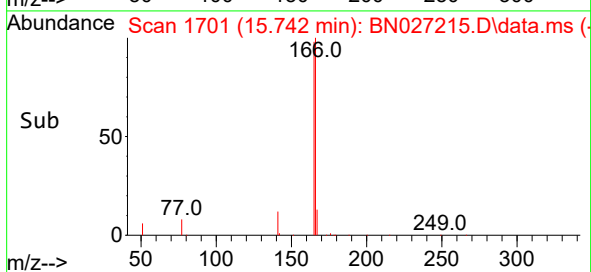
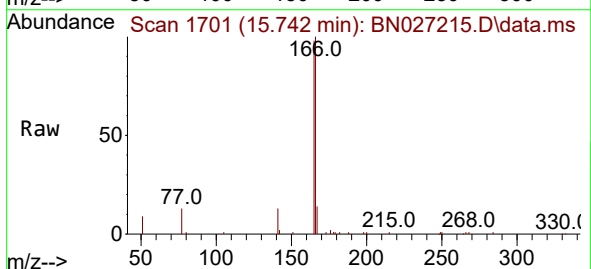
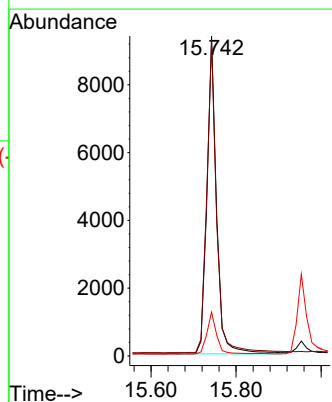
Tgt Ion:166 Resp: 14645

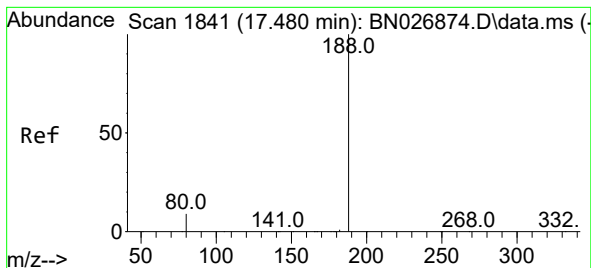
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

166	100		
-----	-----	--	--

165	99.1	77.4	116.2
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167	13.5	10.9	16.3
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#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

Instrument :

BNA_N

ClientSampleId :

TT180D-20230816MSD

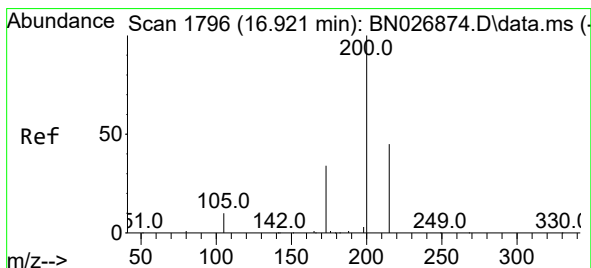
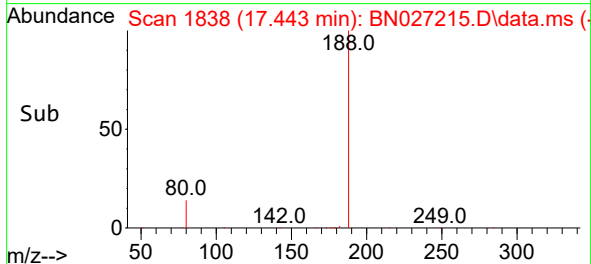
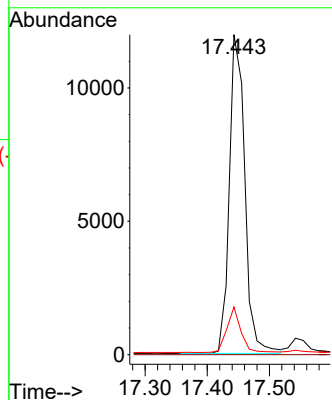
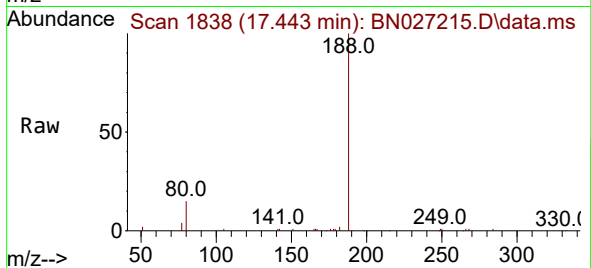
Tgt Ion:188 Resp: 20624

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 7.4 11.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.451 ng

RT: 16.897 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

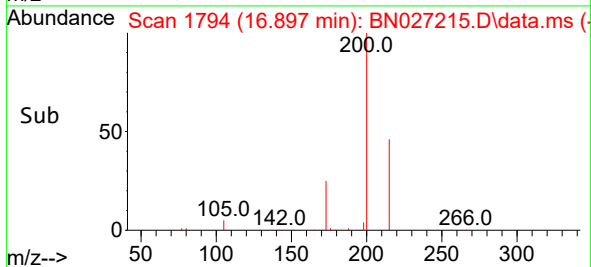
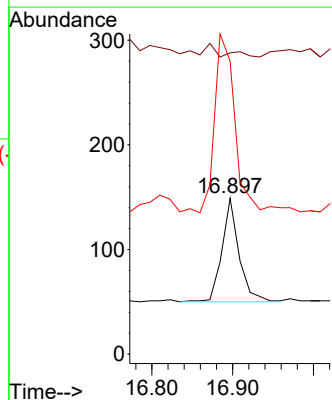
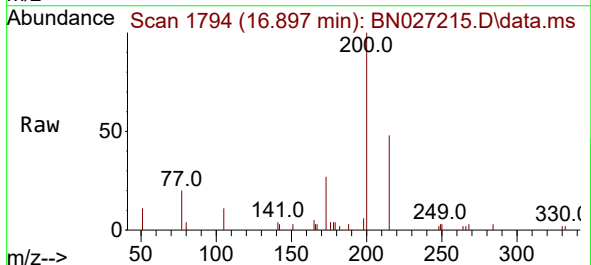
Tgt Ion:198 Resp: 146

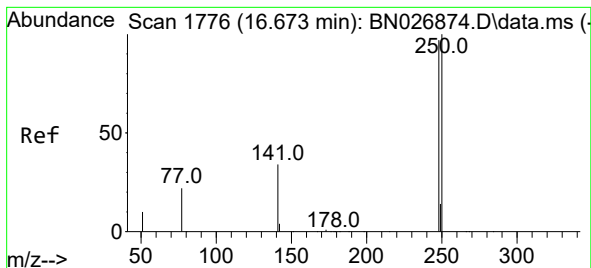
Ion Ratio Lower Upper

198 100

51 193.3 143.8 215.8

105 187.9 273.5 410.3#

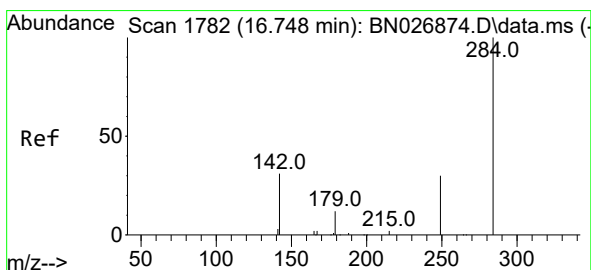
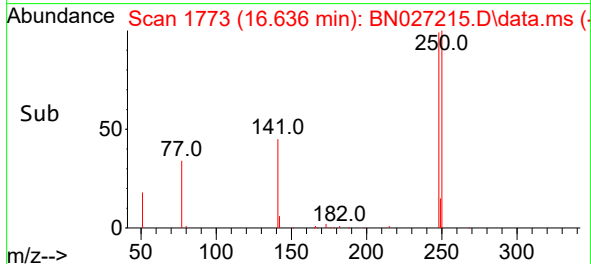
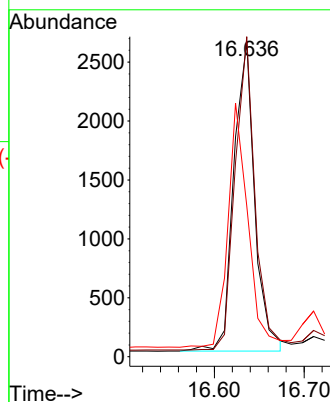
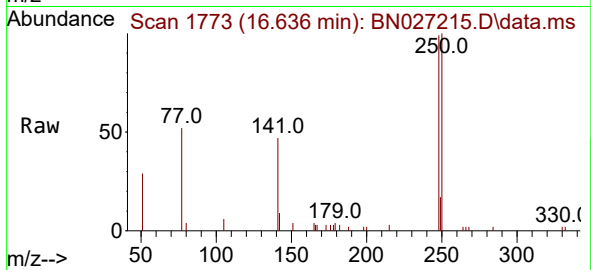




#21
4-Bromophenyl-phenylether
Concen: 0.361 ng
RT: 16.636 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

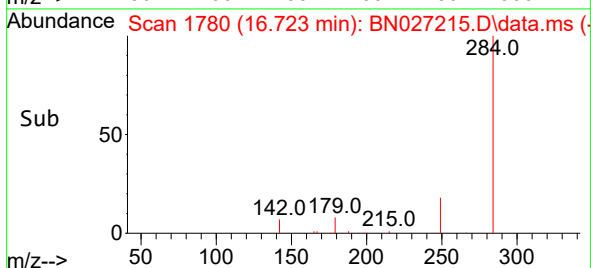
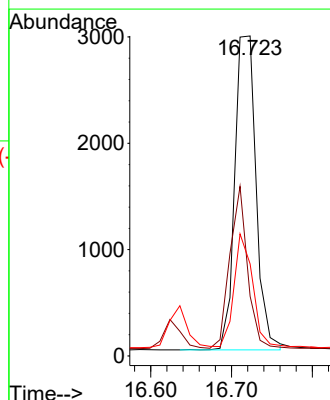
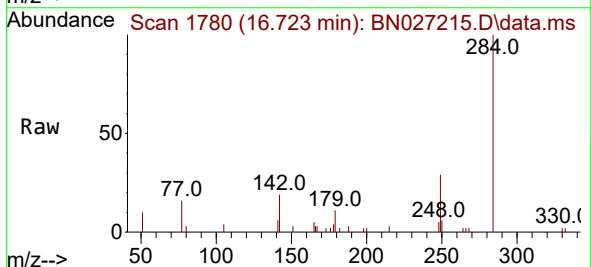
Instrument :
BNA_N
ClientSampleId :
TT180D-20230816MSD

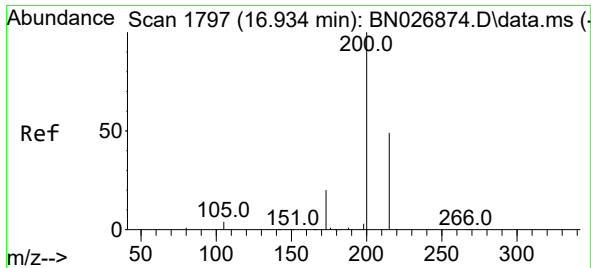
Tgt Ion:248 Resp: 4253
Ion Ratio Lower Upper
248 100
250 101.5 83.0 124.4
141 47.9 29.9 44.9#



#22
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.723 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

Tgt Ion:284 Resp: 5395
Ion Ratio Lower Upper
284 100
142 42.7 30.0 45.0
249 31.0 24.4 36.6

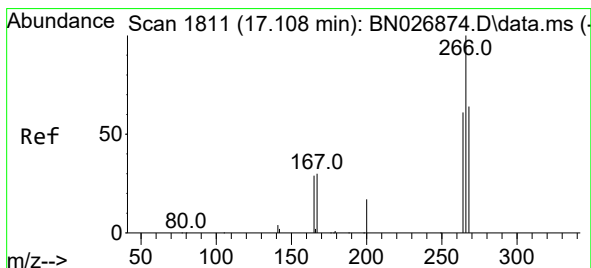
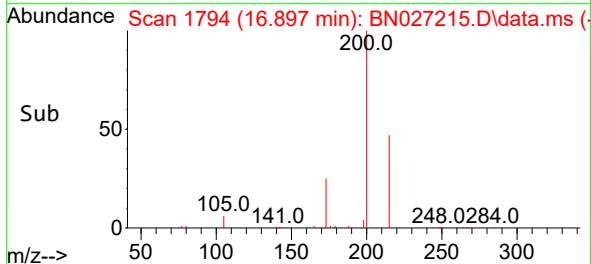
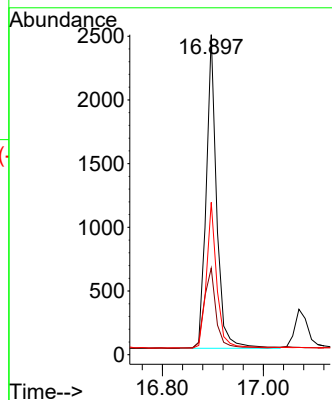
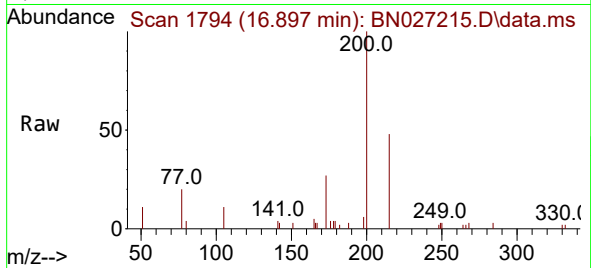




#23
 Atrazine
 Concen: 0.339 ng
 RT: 16.897 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN027215.D
 Acq: 28 Aug 2023 13:43

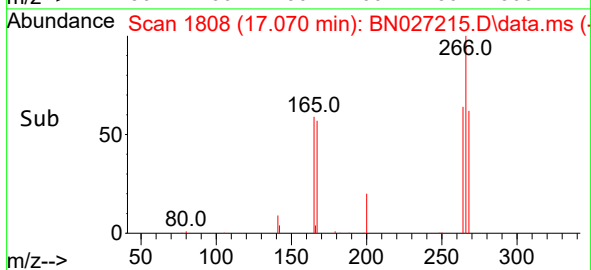
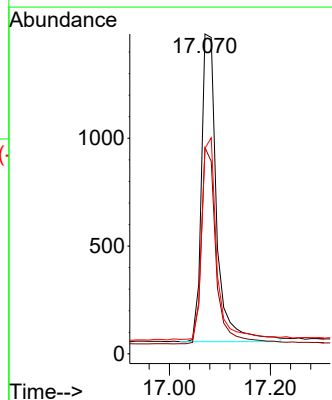
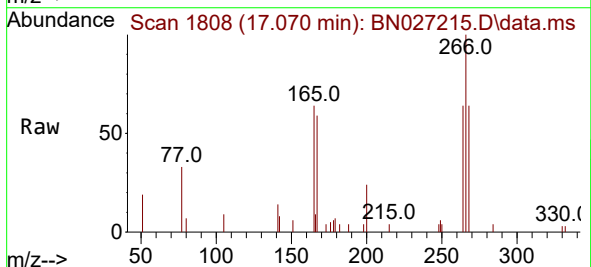
Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20230816MSD

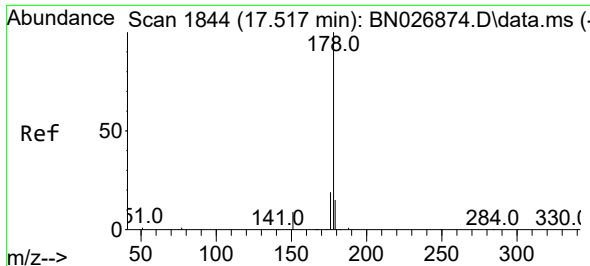
Tgt Ion:200 Resp: 3553
 Ion Ratio Lower Upper
 200 100
 173 27.1 17.1 25.7#
 215 47.6 39.6 59.4



#24
 Pentachlorophenol
 Concen: 0.474 ng
 RT: 17.070 min Scan# 1808
 Delta R.T. -0.012 min
 Lab File: BN027215.D
 Acq: 28 Aug 2023 13:43

Tgt Ion:266 Resp: 3007
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.7 74.5
 268 64.9 49.3 73.9

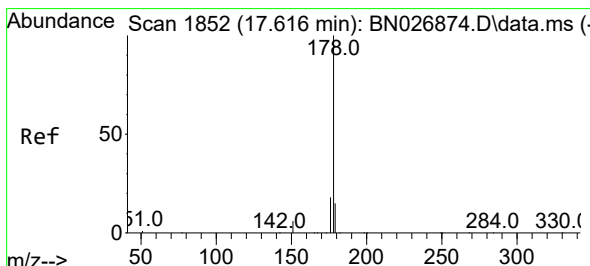
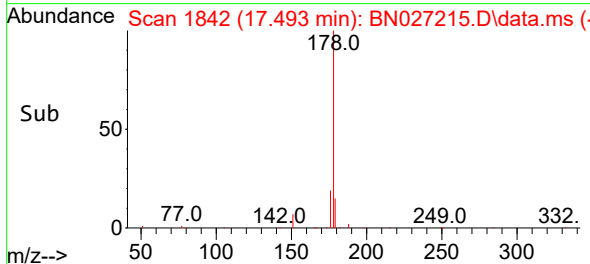
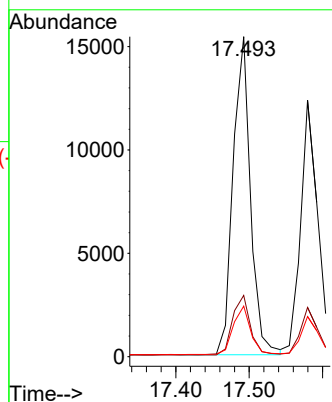
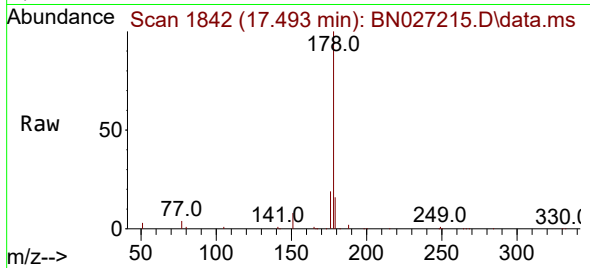




#25
Phenanthrene
Concen: 0.427 ng
RT: 17.493 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

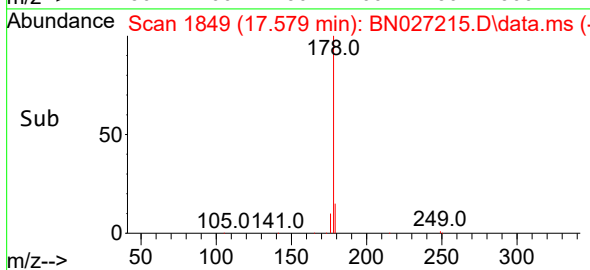
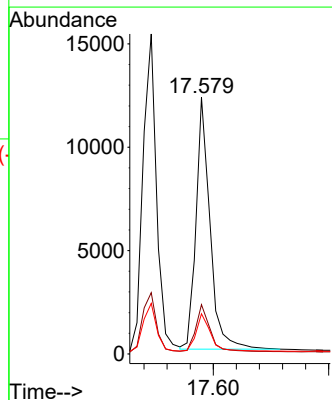
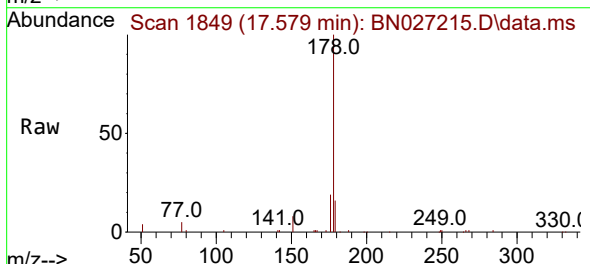
Instrument :
BNA_N
ClientSampleId :
TT180D-20230816MSD

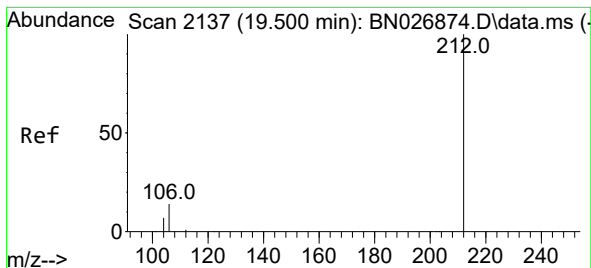
Tgt Ion:178 Resp: 25325
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.2 18.4



#26
Anthracene
Concen: 0.373 ng
RT: 17.579 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

Tgt Ion:178 Resp: 20655
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.1 12.1 18.1





#27

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.467 min Scan# 2130

Delta R.T. -0.005 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

Instrument :

BNA_N

ClientSampleId :

TT180D-20230816MSD

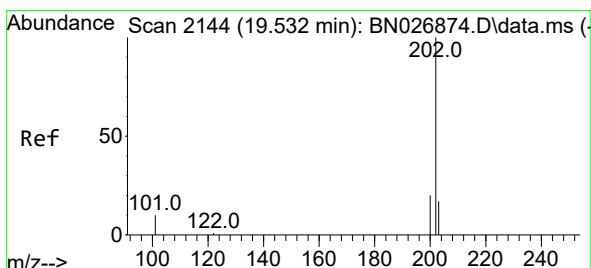
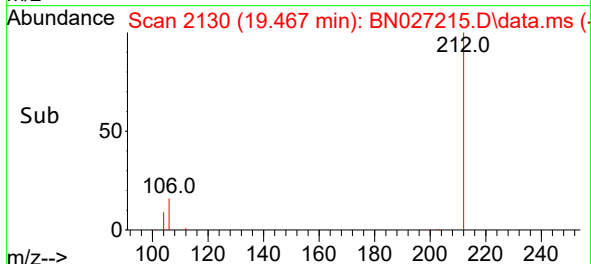
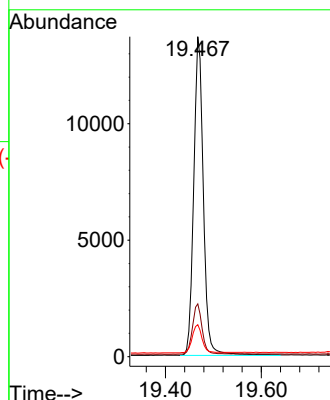
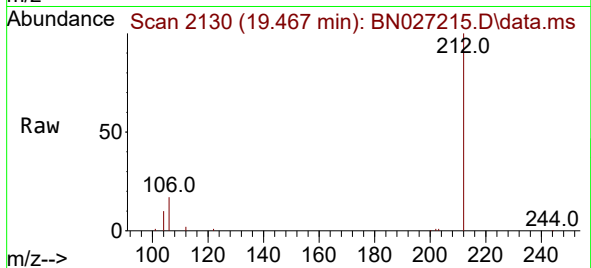
Tgt Ion:212 Resp: 19193

Ion Ratio Lower Upper

212 100

106 15.8 10.9 16.3

104 9.1 5.9 8.9#



#28

Fluoranthene

Concen: 0.429 ng

RT: 19.500 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

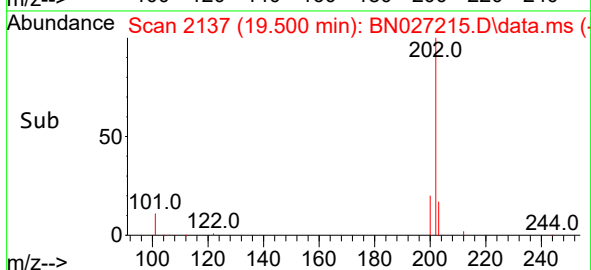
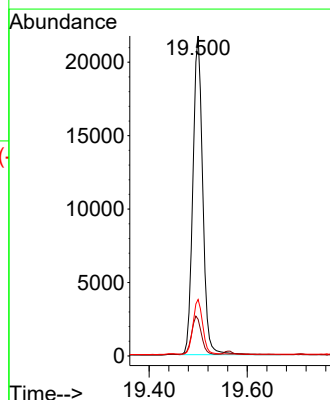
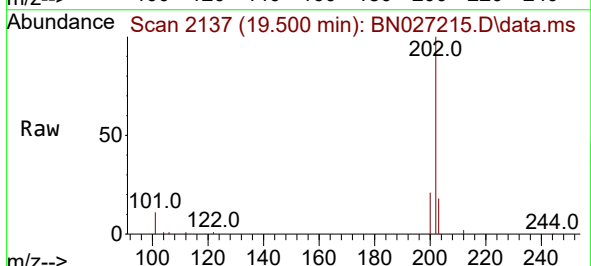
Tgt Ion:202 Resp: 30126

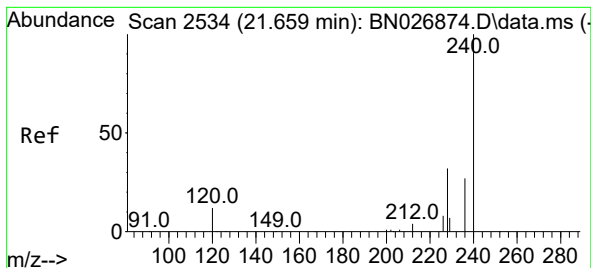
Ion Ratio Lower Upper

202 100

101 11.9 8.9 13.3

203 16.9 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.632 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

Instrument :

BNA_N

ClientSampleId :

TT180D-20230816MSD

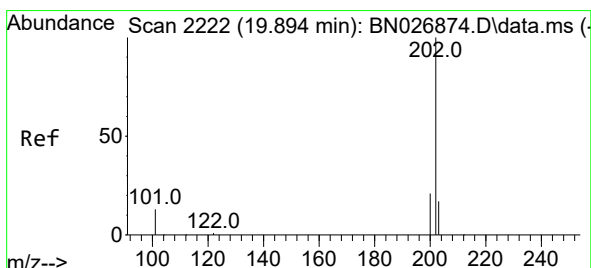
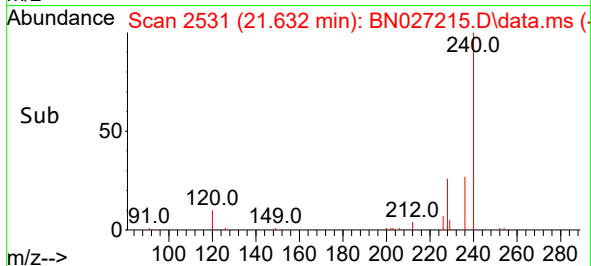
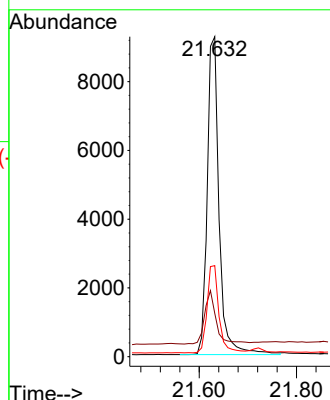
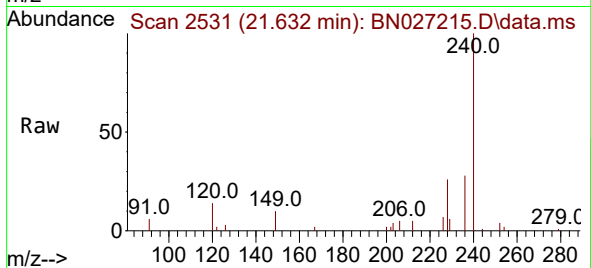
Tgt Ion:240 Resp: 15663

Ion Ratio Lower Upper

240 100

120 13.6 11.1 16.7

236 28.5 22.2 33.2



#30

Pyrene

Concen: 0.515 ng

RT: 19.867 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

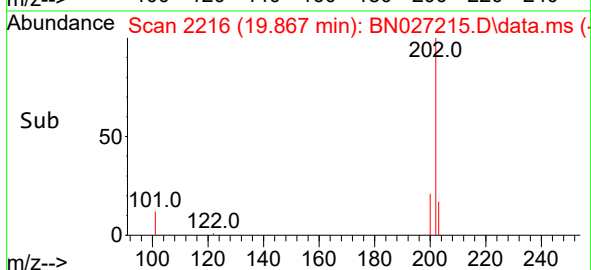
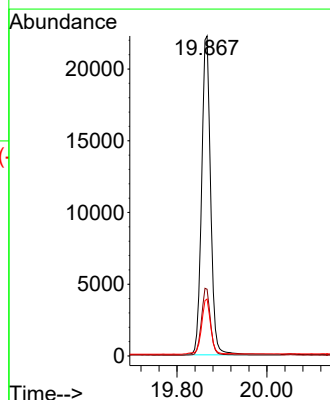
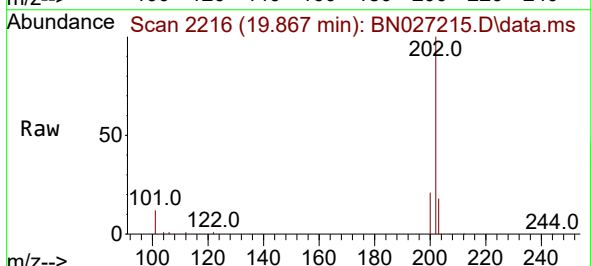
Tgt Ion:202 Resp: 31068

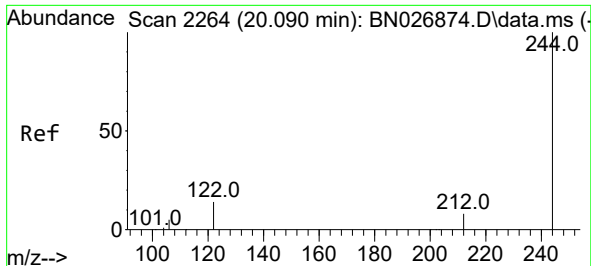
Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

203 17.6 14.4 21.6

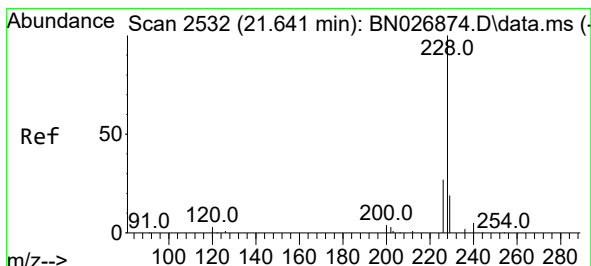
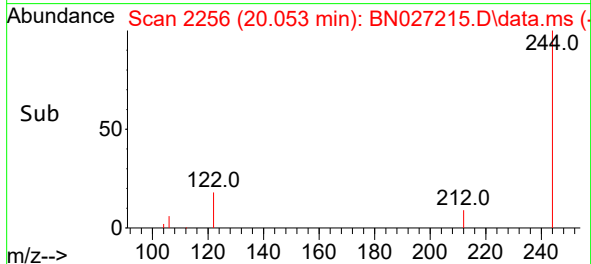
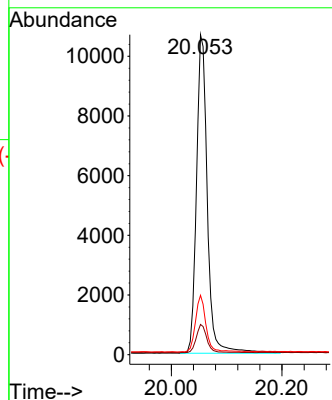
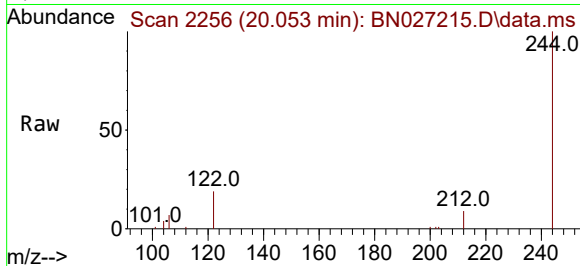




#31
 Terphenyl-d14
 Concen: 0.446 ng
 RT: 20.053 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027215.D
 Acq: 28 Aug 2023 13:43

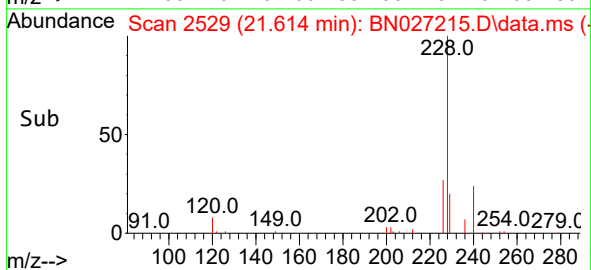
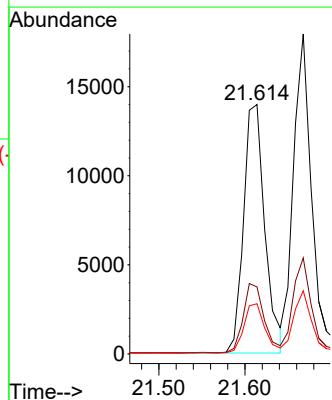
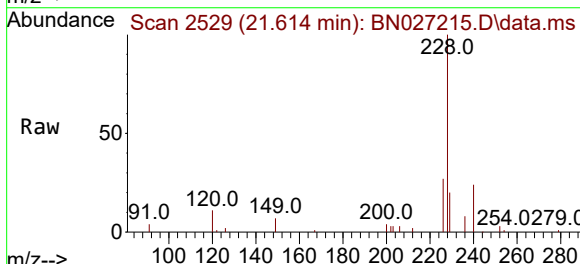
Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20230816MSD

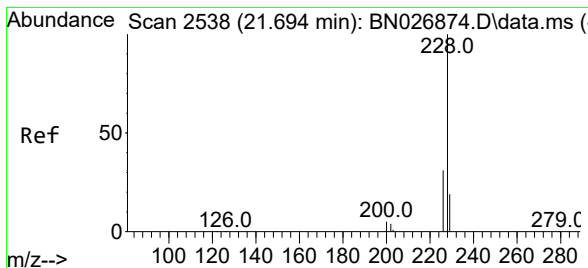
Tgt Ion:244 Resp: 14590
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.9 10.3
 122 18.5 11.9 17.9#



#32
 Benzo(a)anthracene
 Concen: 0.424 ng
 RT: 21.614 min Scan# 2529
 Delta R.T. 0.000 min
 Lab File: BN027215.D
 Acq: 28 Aug 2023 13:43

Tgt Ion:228 Resp: 23958
 Ion Ratio Lower Upper
 228 100
 226 26.9 22.1 33.1
 229 20.2 15.5 23.3





#33

Chrysene

Concen: 0.461 ng

RT: 21.668 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

Instrument :

BNA_N

ClientSampleId :

TT180D-20230816MSD

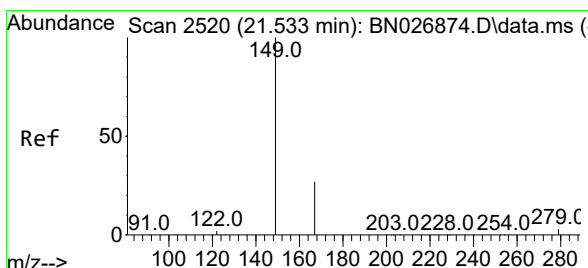
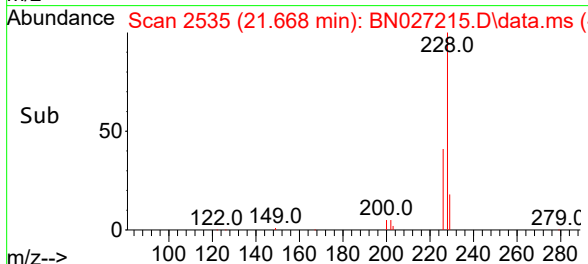
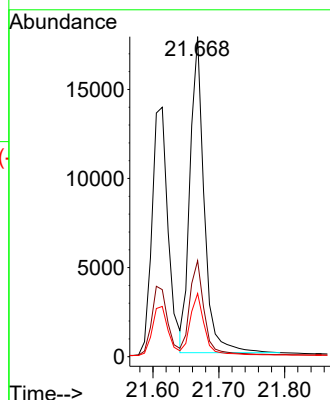
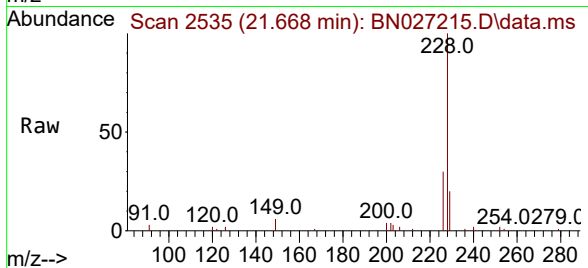
Tgt Ion:228 Resp: 26322

Ion Ratio Lower Upper

228 100

226 30.0 24.6 37.0

229 19.7 15.5 23.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.308 ng

RT: 21.489 min Scan# 2515

Delta R.T. 0.000 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

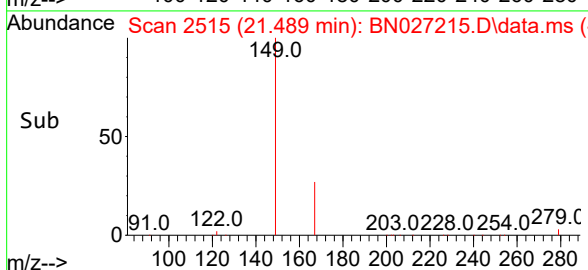
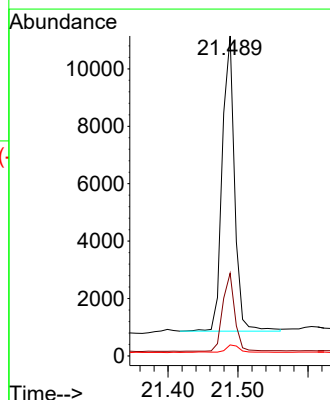
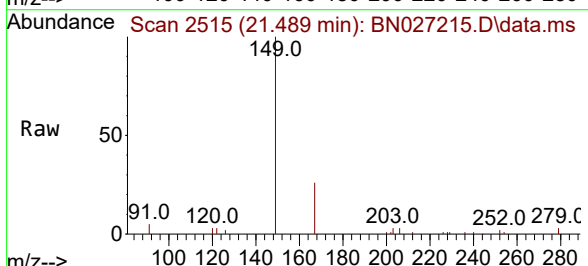
Tgt Ion:149 Resp: 12547

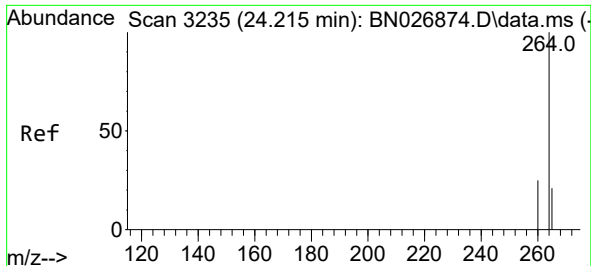
Ion Ratio Lower Upper

149 100

167 25.6 21.4 32.0

279 3.0 3.6 5.4#



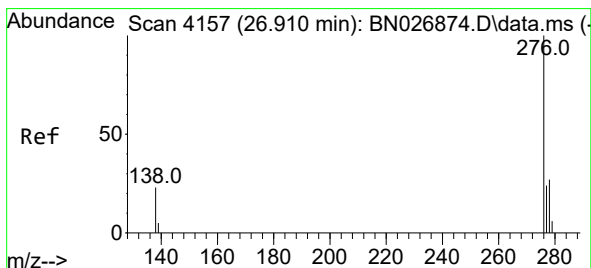
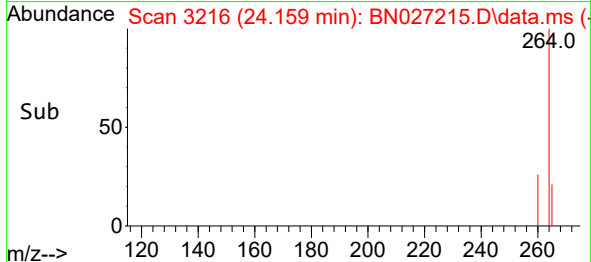
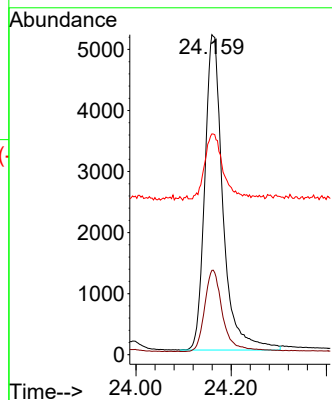
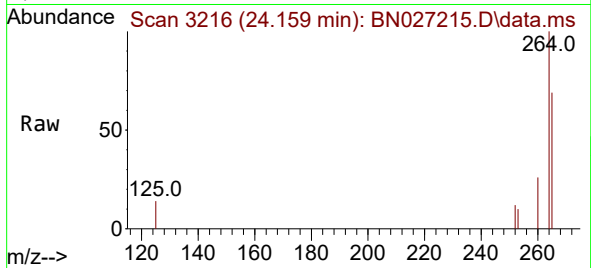


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.159 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

Instrument :
BNA_N
ClientSampleId :
TT180D-20230816MSD

Tgt Ion:264 Resp: 13663

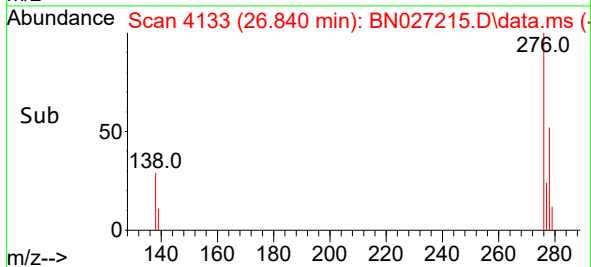
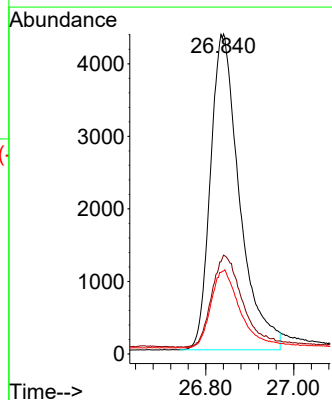
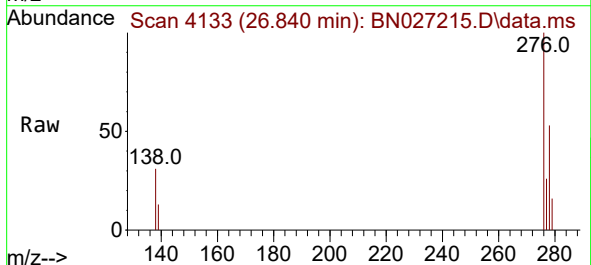
Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.4	30.6
265	69.0	27.0	40.6

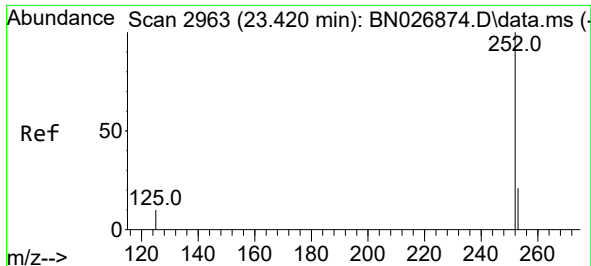


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.358 ng
RT: 26.840 min Scan# 4133
Delta R.T. 0.003 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

Tgt Ion:276 Resp: 20018

Ion	Ratio	Lower	Upper
276	100		
138	30.9	21.1	31.7
277	24.9	19.9	29.9





#37

Benzo(b)fluoranthene

Concen: 0.520 ng

RT: 23.370 min Scan# 2965

Delta R.T. 0.000 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

Instrument :

BNA_N

ClientSampleId :

TT180D-20230816MSD

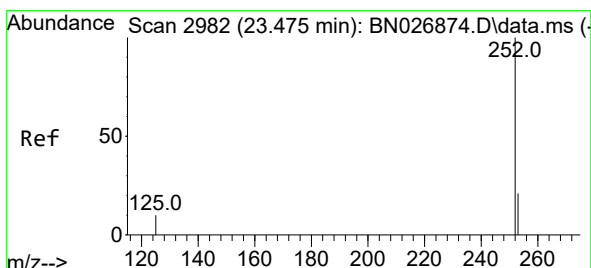
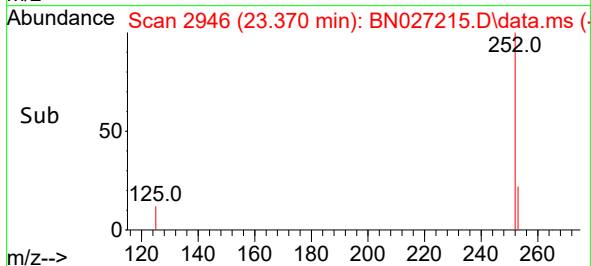
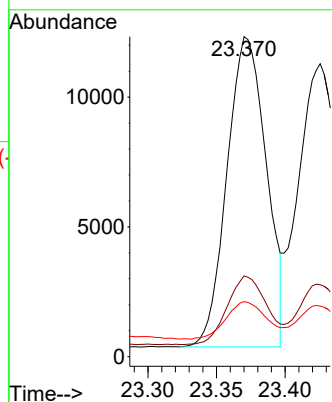
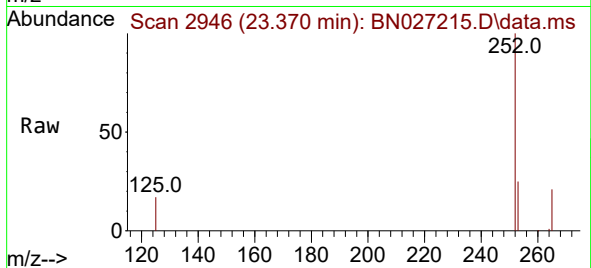
Tgt Ion:252 Resp: 23796

Ion Ratio Lower Upper

252 100

253 25.2 18.4 27.6

125 17.2 10.2 15.2#



#38

Benzo(k)fluoranthene

Concen: 0.480 ng

RT: 23.426 min Scan# 2965

Delta R.T. 0.000 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

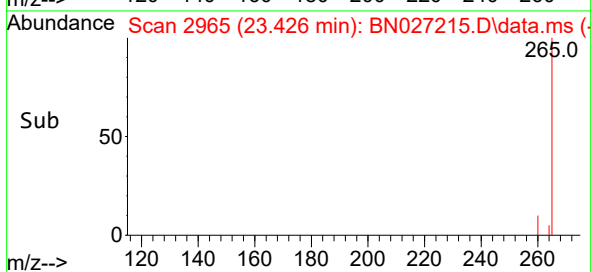
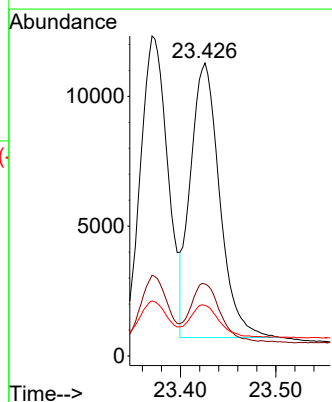
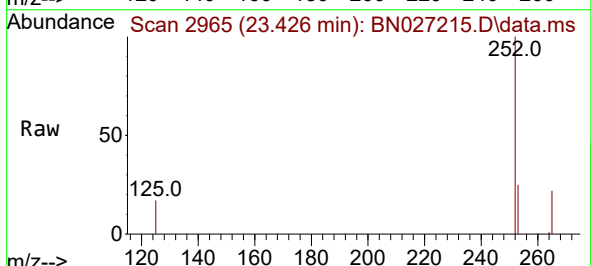
Tgt Ion:252 Resp: 22556

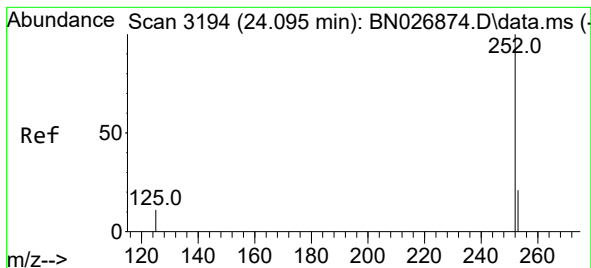
Ion Ratio Lower Upper

252 100

253 24.6 18.4 27.6

125 17.3 10.2 15.2#





#39

Benzo(a)pyrene

Concen: 0.395 ng

RT: 24.045 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN027215.D

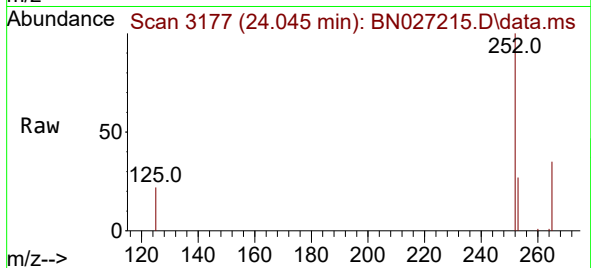
Acq: 28 Aug 2023 13:43

Instrument :

BNA_N

ClientSampleId :

TT180D-20230816MSD



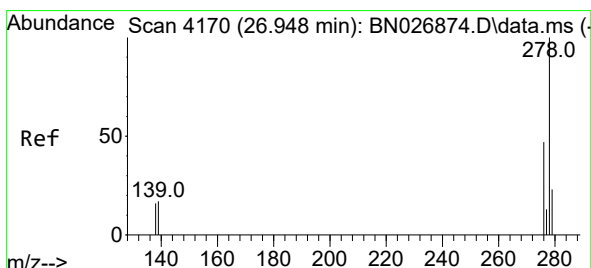
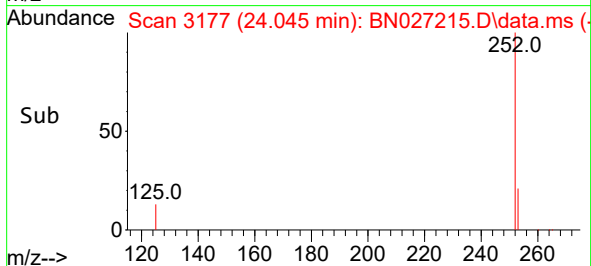
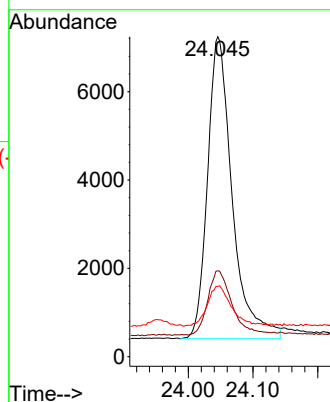
Tgt Ion:252 Resp: 18097

Ion Ratio Lower Upper

252 100

253 26.8 18.6 28.0

125 22.0 11.7 17.5#



#40

Dibenzo(a,h)anthracene

Concen: 0.361 ng

RT: 26.864 min Scan# 4141

Delta R.T. -0.012 min

Lab File: BN027215.D

Acq: 28 Aug 2023 13:43

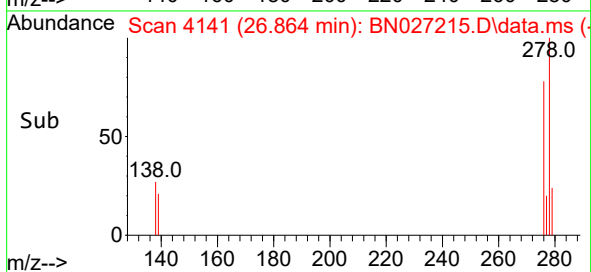
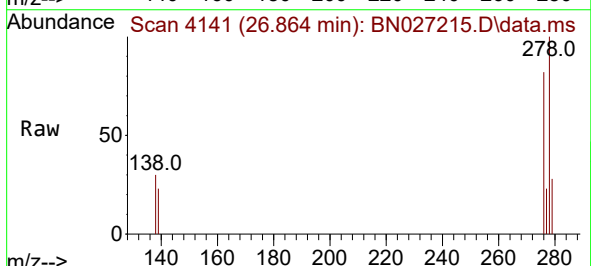
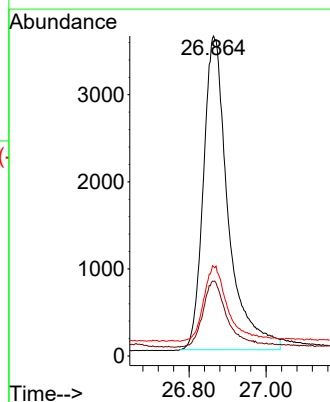
Tgt Ion:278 Resp: 16071

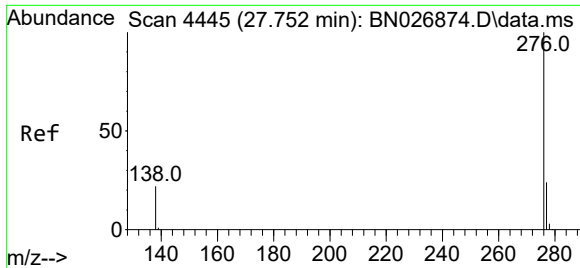
Ion Ratio Lower Upper

278 100

139 23.3 15.3 22.9#

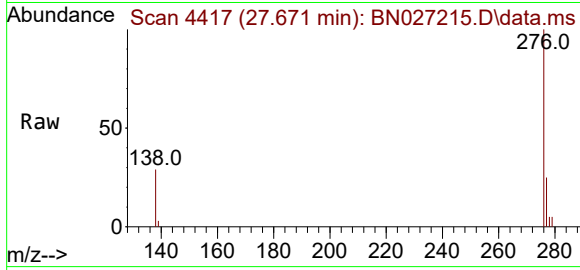
279 27.9 19.9 29.9





#41
Benzo(g,h,i)perylene
Concen: 0.375 ng
RT: 27.671 min Scan# 44
Delta R.T. 0.000 min
Lab File: BN027215.D
Acq: 28 Aug 2023 13:43

Instrument :
BNA_N
ClientSampleId :
TT180D-20230816MSD



Tgt Ion:276 Resp: 17979
Ion Ratio Lower Upper
276 100
277 25.2 19.8 29.8
138 28.5 19.0 28.4#

