

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027276.D
 Acq On : 30 Aug 2023 15:28
 Operator : MA/JU
 Sample : 04128-11
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20230822

Quant Time: Aug 31 04:28:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

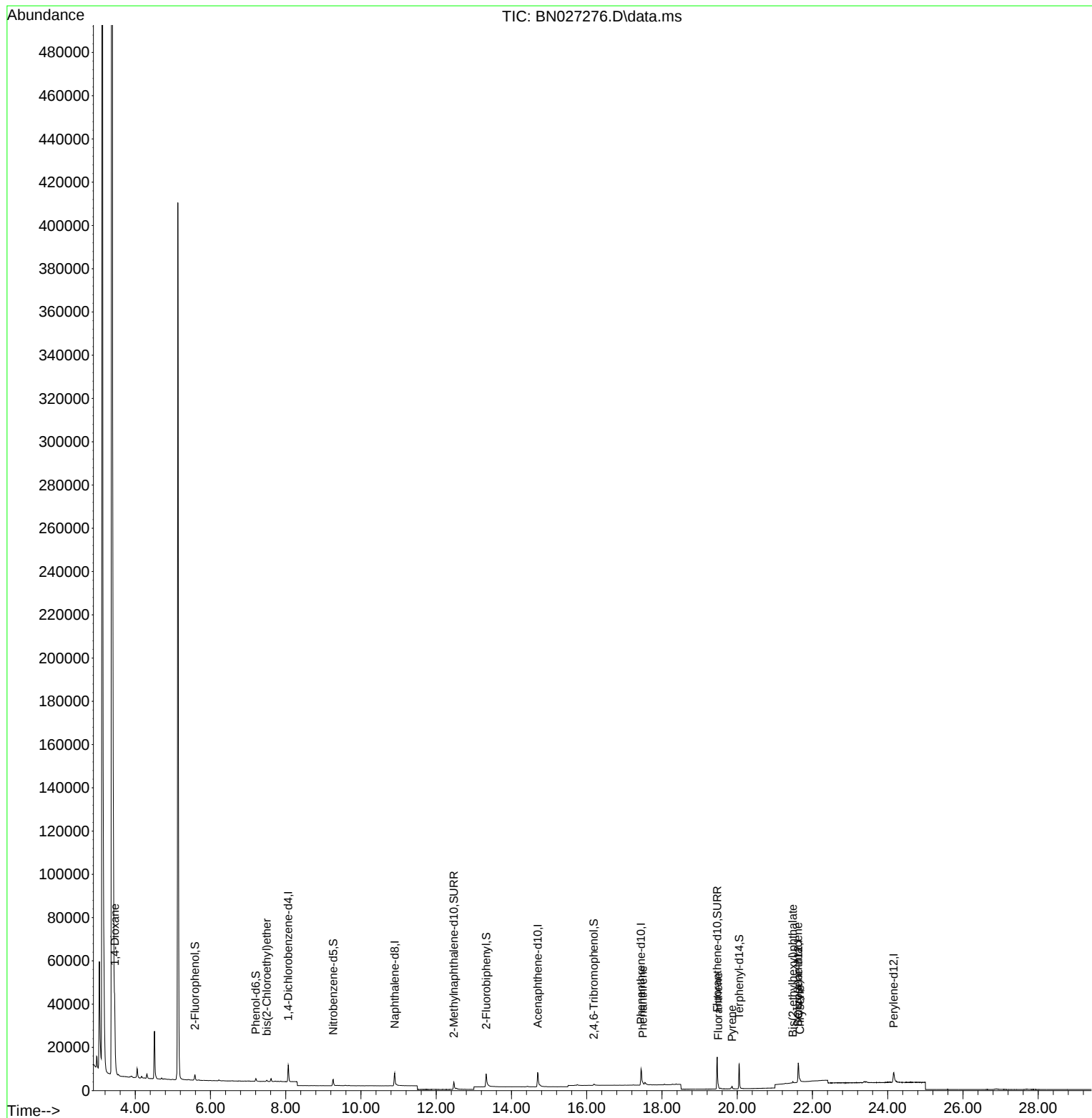
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	3923	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	9940	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	5742	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	14448	0.400	ng	0.00
29) Chrysene-d12	21.623	240	10998	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	9245	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	2228	0.218	ng	0.00
5) Phenol-d6	7.207	99	1433	0.115	ng	0.00
8) Nitrobenzene-d5	9.262	82	2905	0.401	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	6613	0.453	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	475	0.223	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	8042	0.368	ng	0.00
27) Fluoranthene-d10	19.467	212	18498	0.515	ng	0.00
31) Terphenyl-d14	20.052	244	12226	0.553	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	15734	3.285	ng	# 95
6) bis(2-Chloroethyl)ether	7.495	93	455	0.038	ng	# 95
25) Phenanthrene	17.492	178	882	0.021	ng	# 92
28) Fluoranthene	19.495	202	1168	0.023	ng	# 94
30) Pyrene	19.862	202	1156	0.026	ng	# 99
32) Benzo(a)anthracene	21.614	228	896	0.024	ng	# 83
33) Chrysene	21.668	228	1048	0.025	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.480	149	641	0.035	ng	# 72

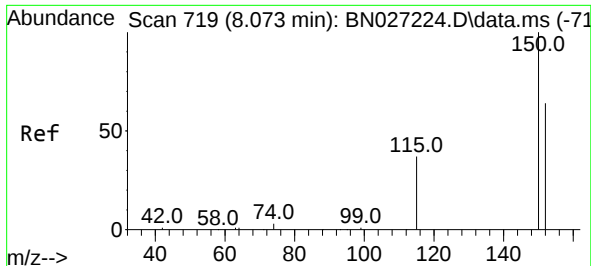
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027276.D
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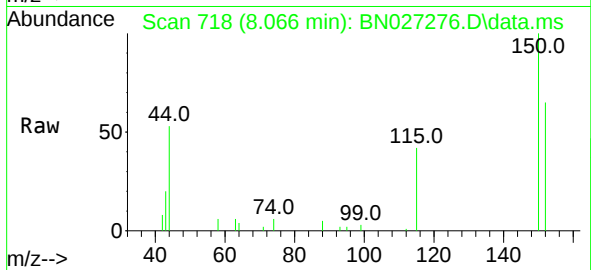
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
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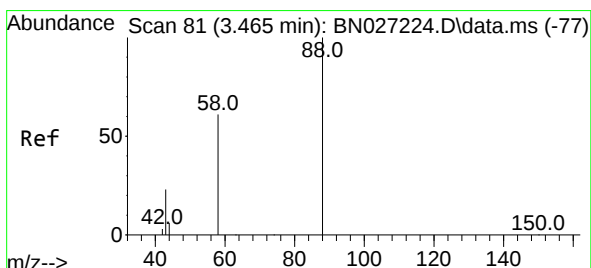
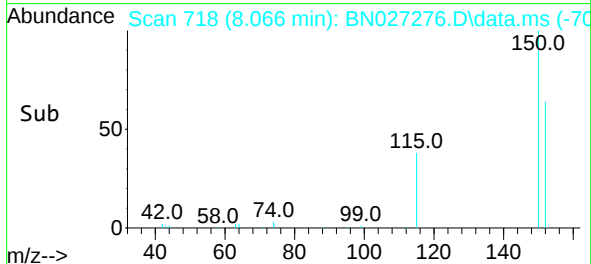
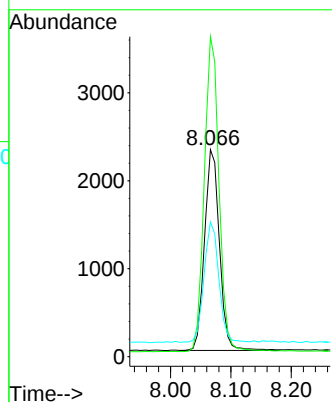
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027276.D
 Acq: 30 Aug 2023 15:28

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20230822



Tgt Ion:152 Resp: 3923

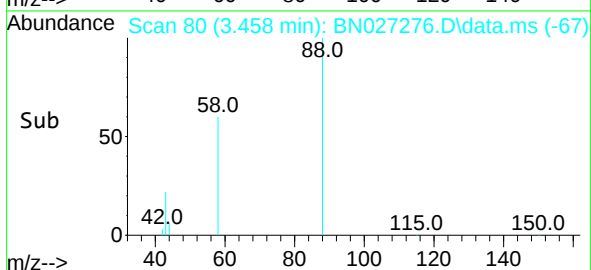
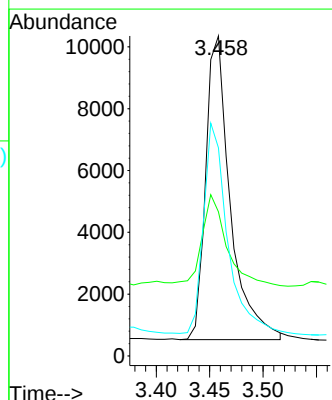
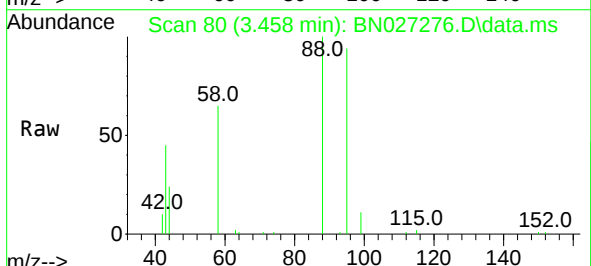
Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.7	184.1
115	65.0	48.6	73.0

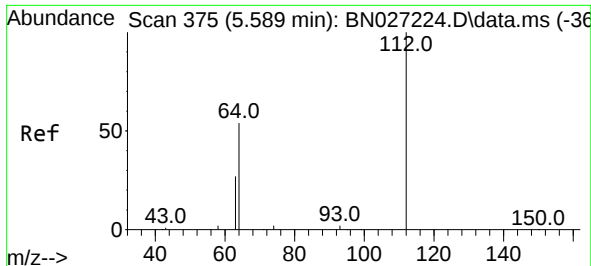


#2
 1,4-Dioxane
 Concen: 3.285 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027276.D
 Acq: 30 Aug 2023 15:28

Tgt Ion: 88 Resp: 15734

Ion	Ratio	Lower	Upper
88	100		
43	29.7	19.1	28.7#
58	67.3	52.2	78.2

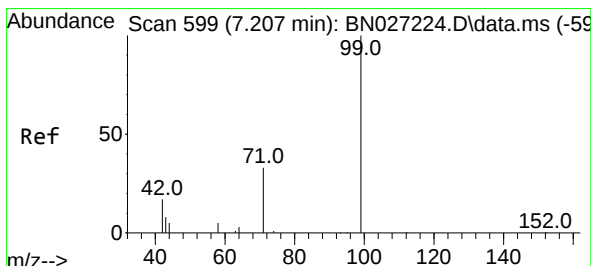
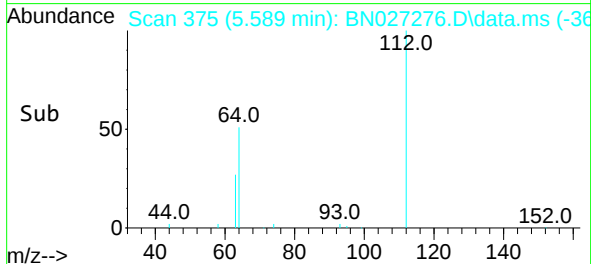
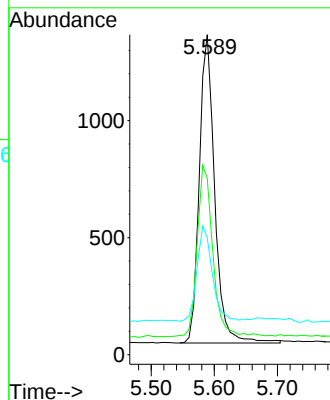
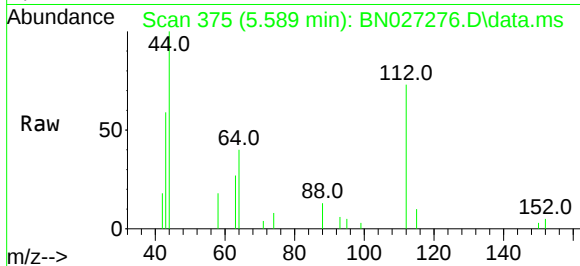




#4
2-Fluorophenol
Concen: 0.218 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

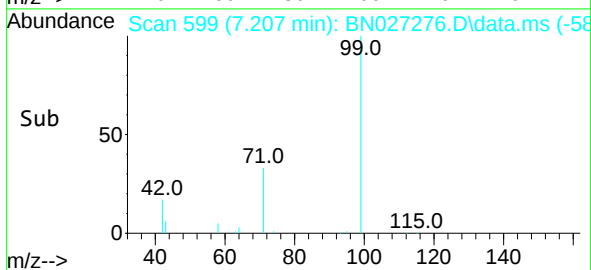
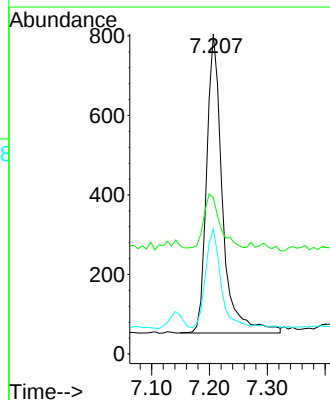
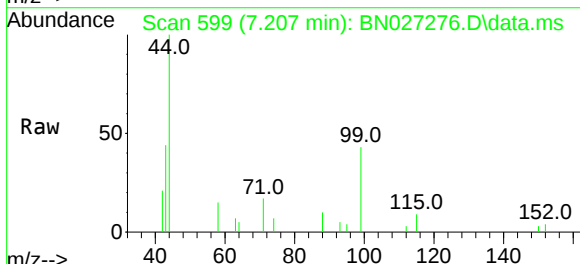
Instrument :
BNA_N
ClientSampleId :
DUP08-20230822

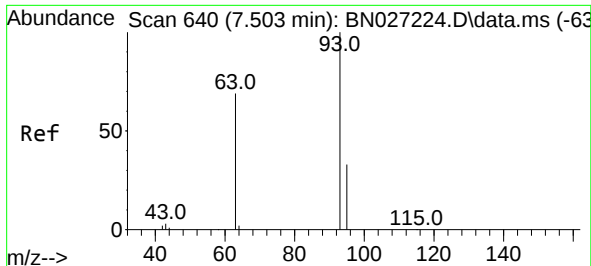
Tgt Ion:112 Resp: 2228
Ion Ratio Lower Upper
112 100
64 56.7 44.4 66.6
63 30.6 23.1 34.7



#5
Phenol-d6
Concen: 0.115 ng
RT: 7.207 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

Tgt Ion: 99 Resp: 1433
Ion Ratio Lower Upper
99 100
42 17.9 14.5 21.7
71 31.9 25.8 38.6

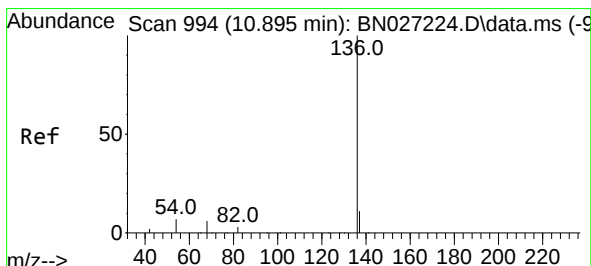
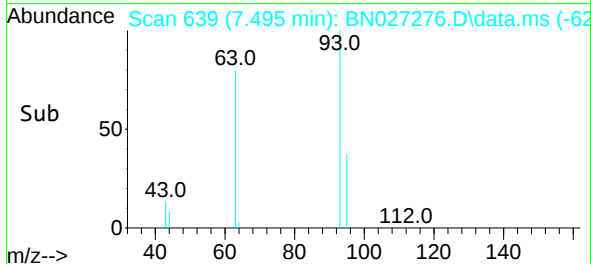
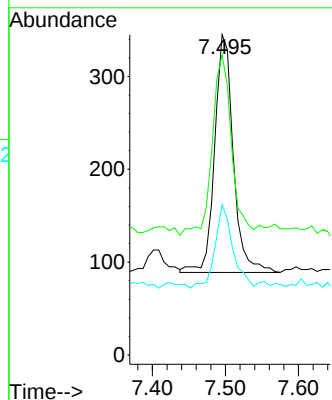
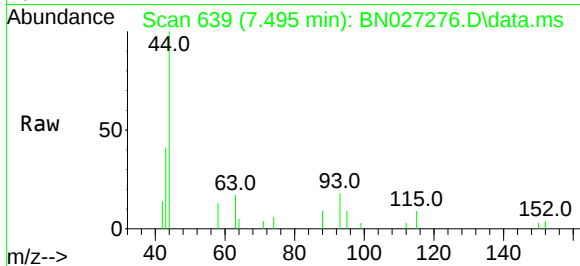




#6
bis(2-Chloroethyl)ether
Concen: 0.038 ng
RT: 7.495 min Scan# 611
Delta R.T. -0.007 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

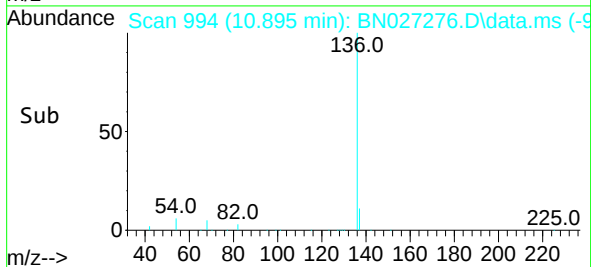
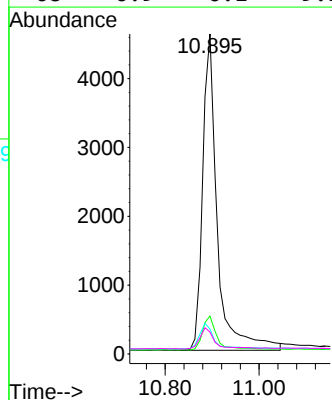
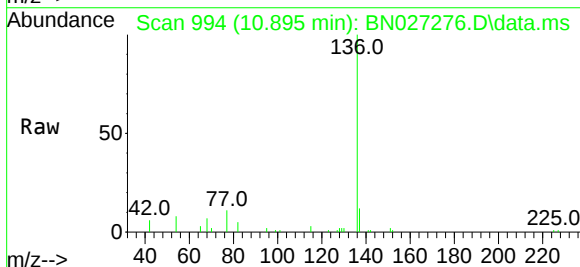
Instrument :
BNA_N
ClientSampleId :
DUP08-20230822

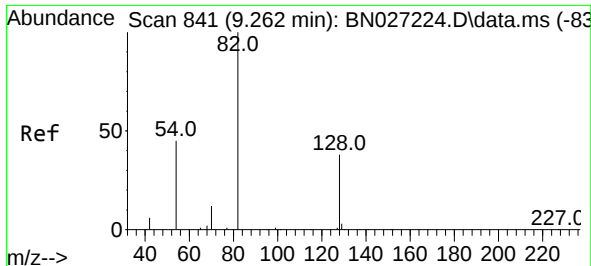
Tgt Ion:	93	Resp:	455
Ion	Ratio	Lower	Upper
93	100		
63	78.0	58.5	87.7
95	33.6	26.1	39.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

Tgt Ion:	136	Resp:	9940
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	7.8	6.7	10.1
68	6.9	6.1	9.1

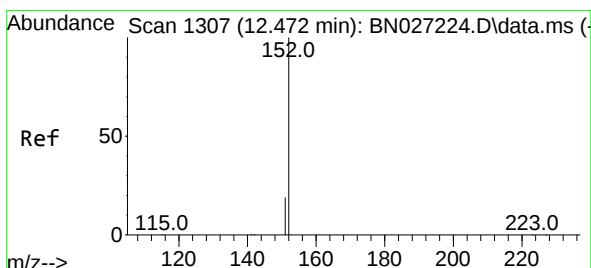
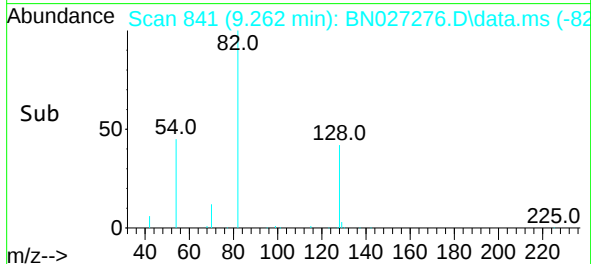
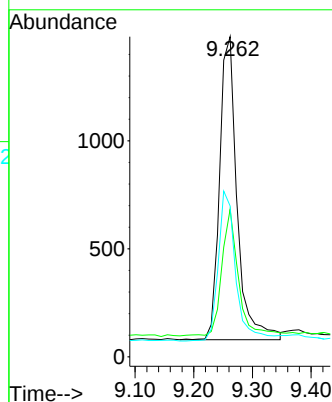
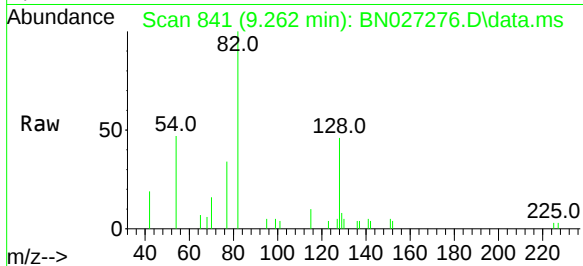




#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.000 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

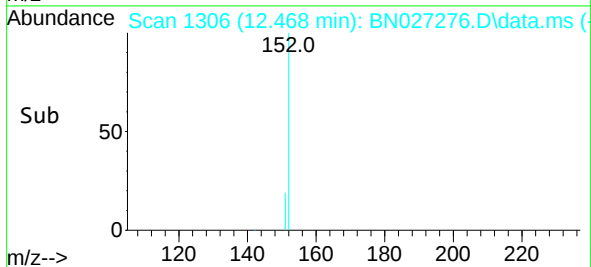
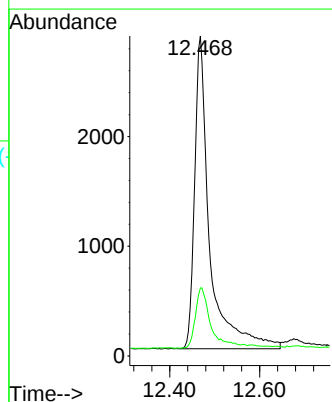
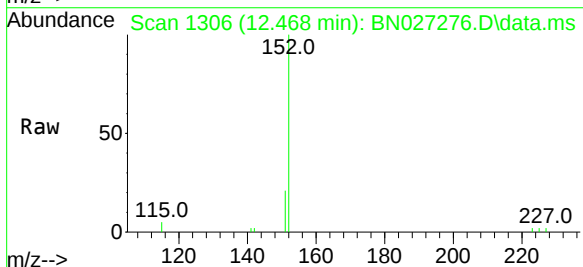
Instrument :
BNA_N
ClientSampleId :
DUP08-20230822

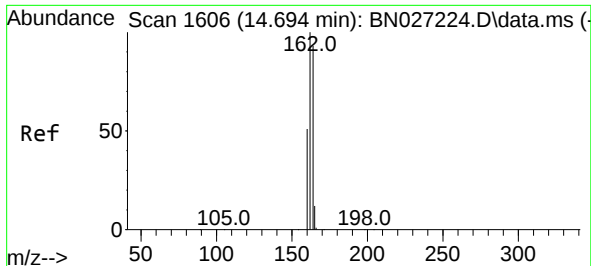
Tgt Ion: 82 Resp: 2905
Ion Ratio Lower Upper
82 100
128 46.1 33.4 50.0
54 47.1 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.453 ng
RT: 12.468 min Scan# 1306
Delta R.T. -0.004 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

Tgt Ion: 152 Resp: 6613
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0

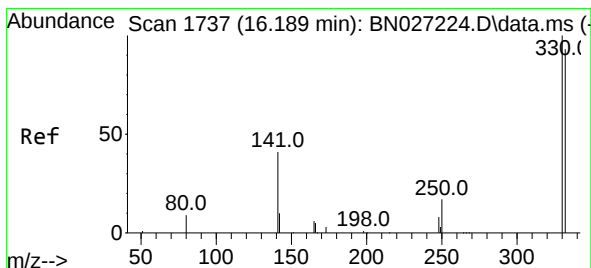
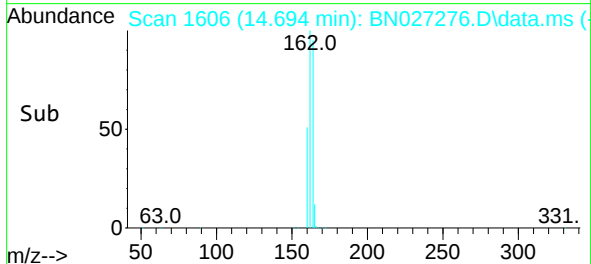
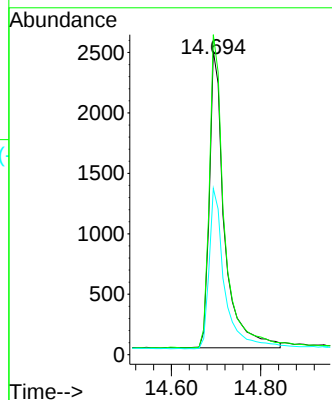
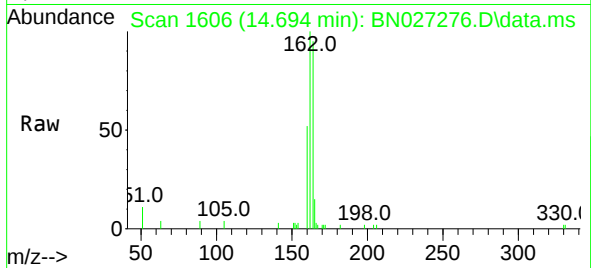




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

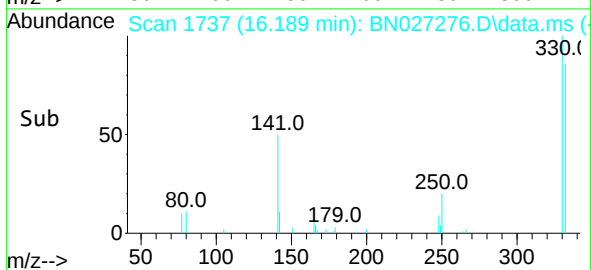
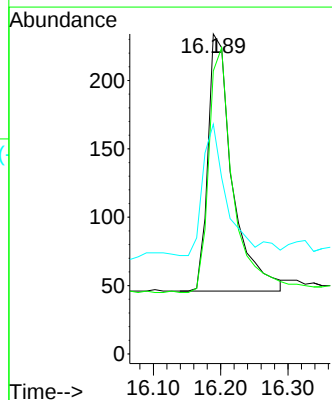
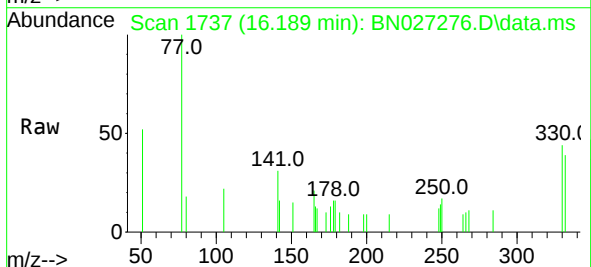
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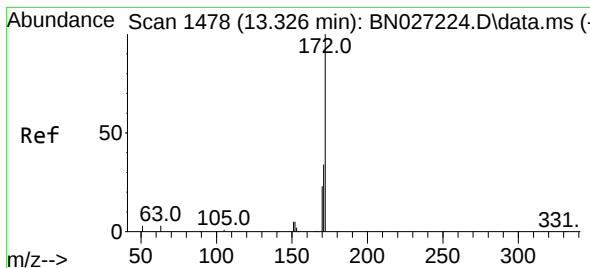
Tgt Ion:164 Resp: 5742
Ion Ratio Lower Upper
164 100
162 105.4 85.8 128.8
160 54.7 44.2 66.2



#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 16.189 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

Tgt Ion:330 Resp: 475
Ion Ratio Lower Upper
330 100
332 94.9 75.2 112.8
141 51.8 36.2 54.4

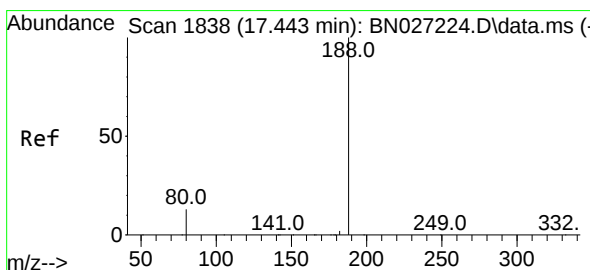
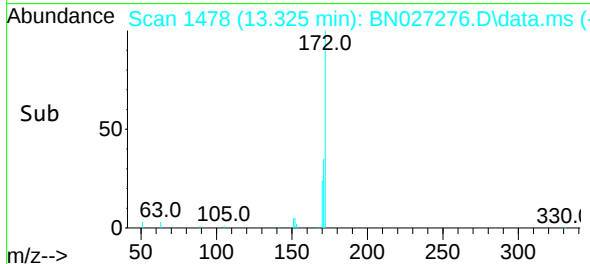
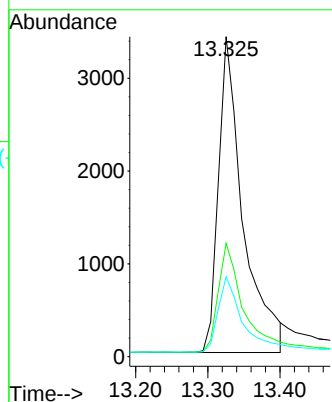
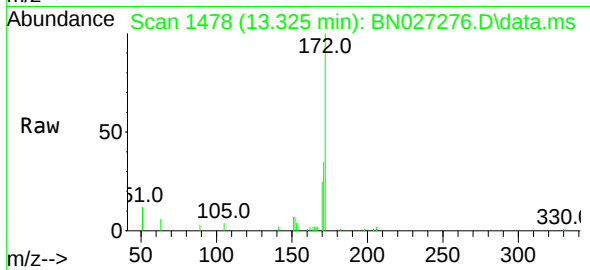




#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

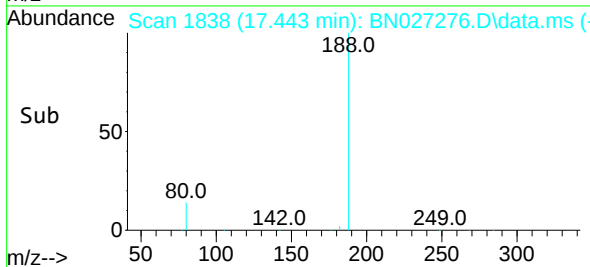
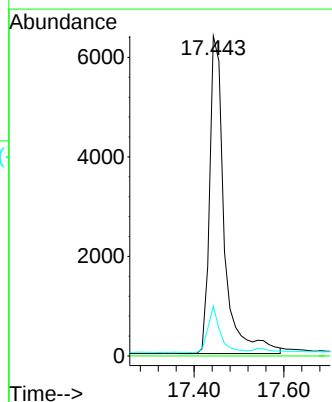
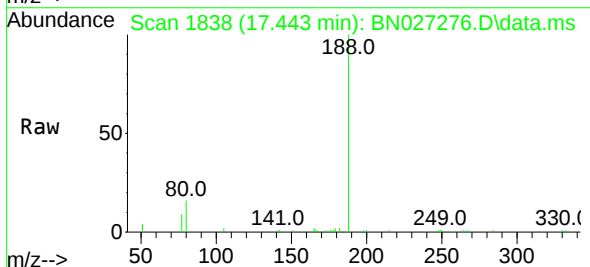
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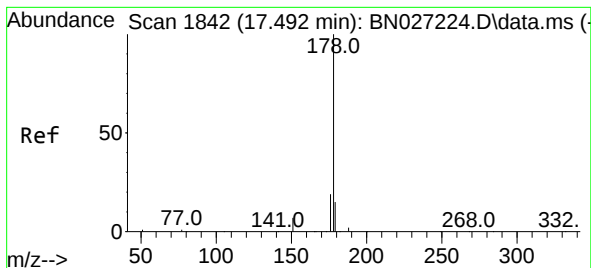
Tgt Ion:172 Resp: 8042
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 25.0 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

Tgt Ion:188 Resp: 14448
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 11.0 16.6





#25

Phenanthrene

Concen: 0.021 ng

RT: 17.492 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BN027276.D

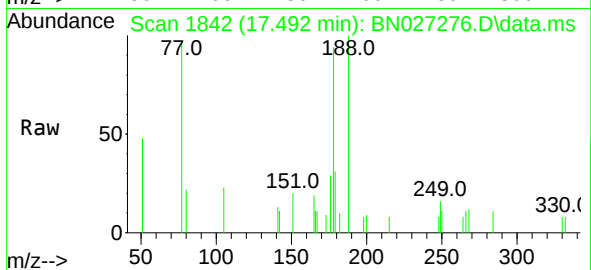
Acq: 30 Aug 2023 15:28

Instrument :

BNA_N

ClientSampleId :

DUP08-20230822



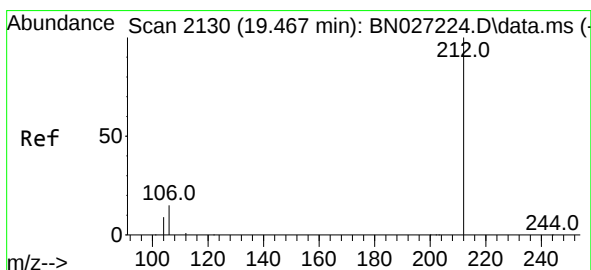
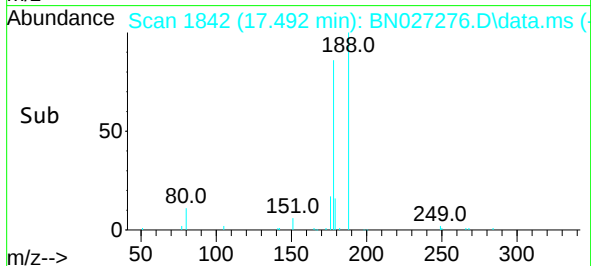
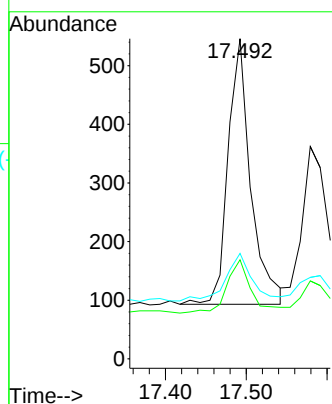
Tgt Ion:178 Resp: 882

Ion Ratio Lower Upper

178 100

176 21.7 15.6 23.4

179 20.6 12.3 18.5#



#27

Fluoranthene-d10

Concen: 0.515 ng

RT: 19.467 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BN027276.D

Acq: 30 Aug 2023 15:28

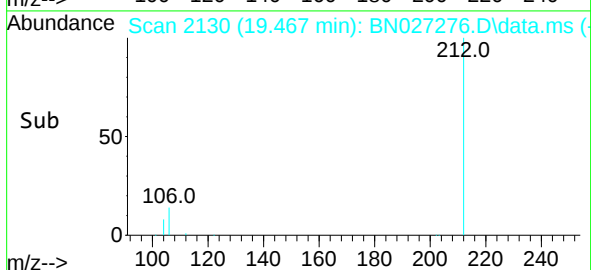
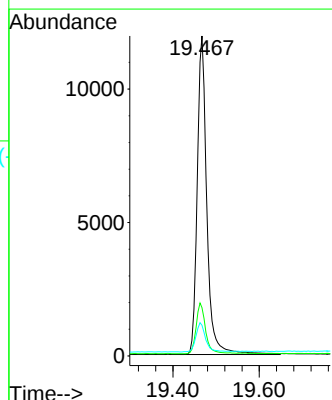
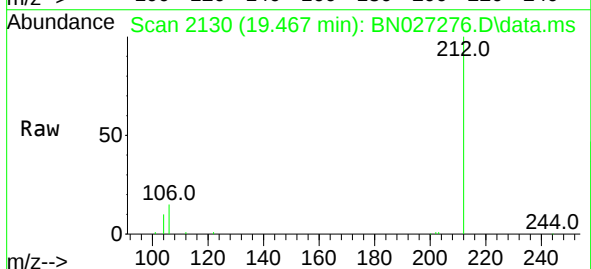
Tgt Ion:212 Resp: 18498

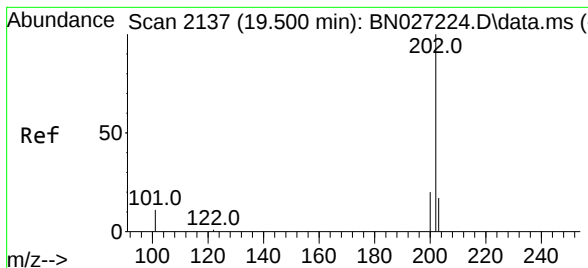
Ion Ratio Lower Upper

212 100

106 15.7 12.1 18.1

104 9.1 6.9 10.3





#28

Fluoranthene

Concen: 0.023 ng

RT: 19.495 min Scan# 2136

Delta R.T. -0.005 min

Lab File: BN027276.D

Acq: 30 Aug 2023 15:28

Instrument :

BNA_N

ClientSampleId :

DUP08-20230822

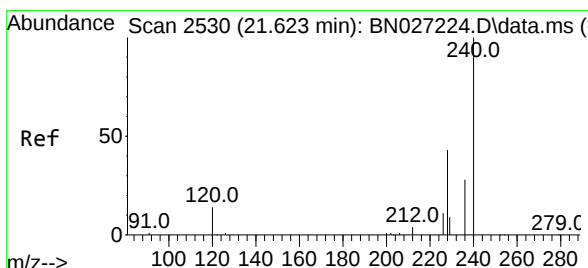
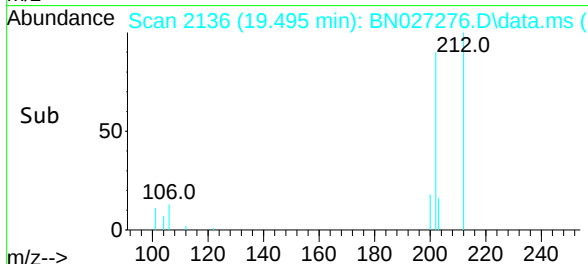
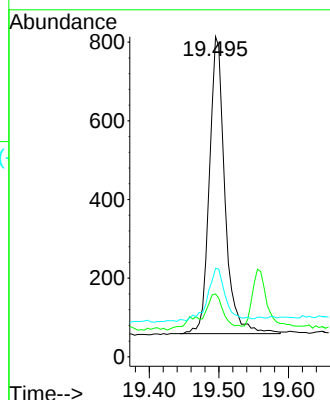
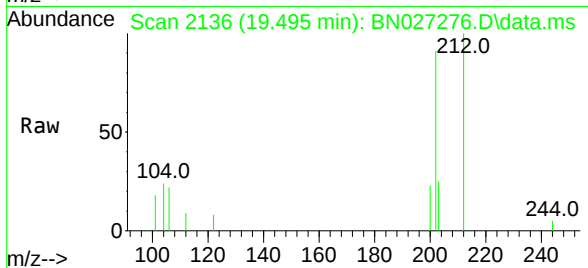
Tgt Ion:202 Resp: 1168

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

203 21.1 13.6 20.4#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 2530

Delta R.T. -0.000 min

Lab File: BN027276.D

Acq: 30 Aug 2023 15:28

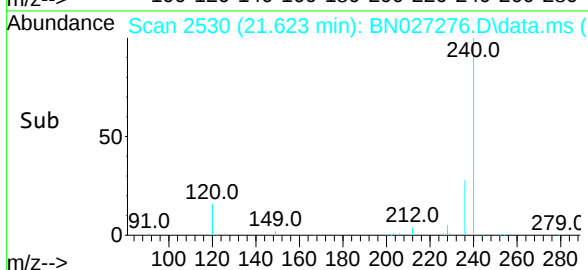
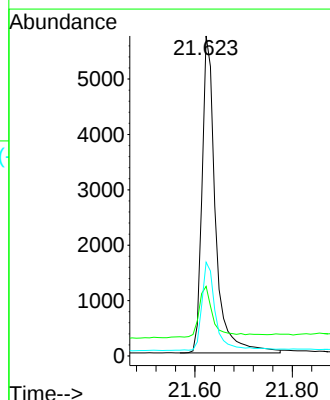
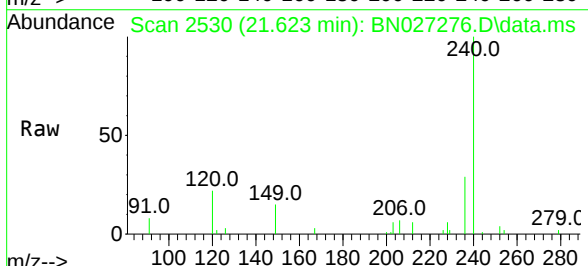
Tgt Ion:240 Resp: 10998

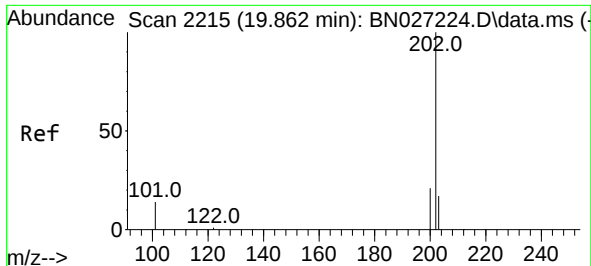
Ion Ratio Lower Upper

240 100

120 21.8 14.2 21.4#

236 29.3 22.9 34.3

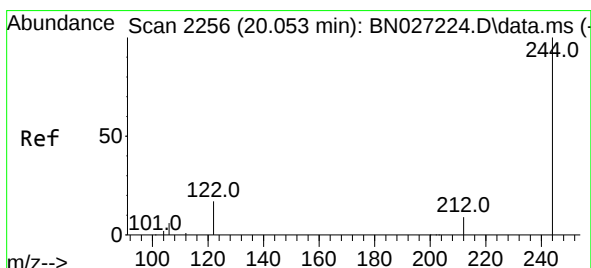
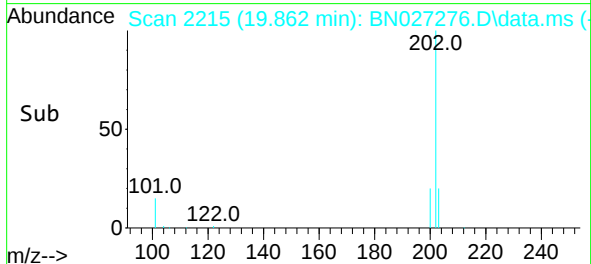
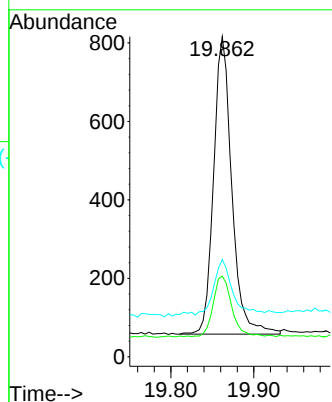
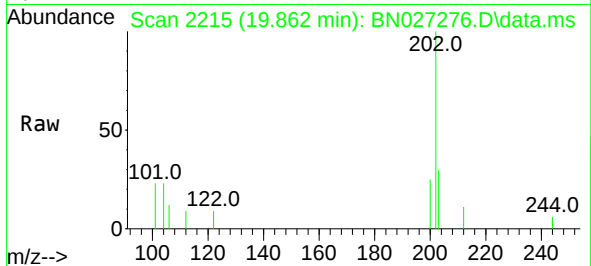




#30
Pyrene
Concen: 0.026 ng
RT: 19.862 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

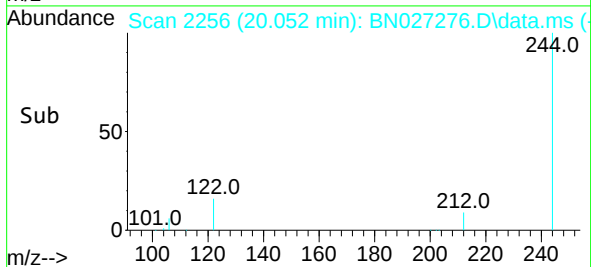
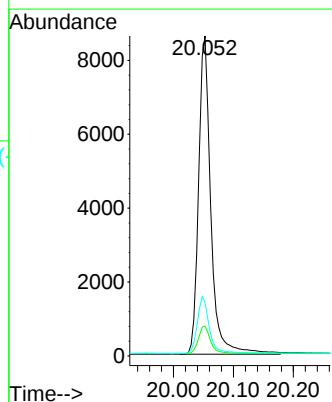
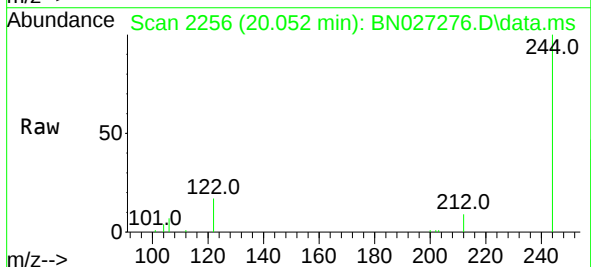
Instrument :
BNA_N
ClientSampleId :
DUP08-20230822

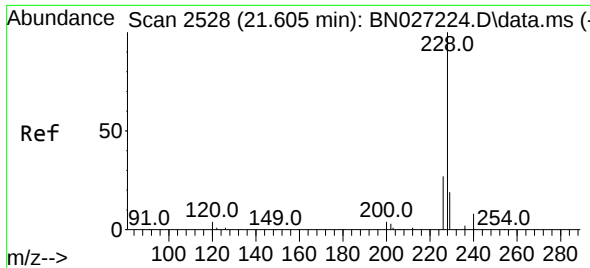
Tgt Ion:	202	Resp:	1156
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	18.8	14.2	21.4



#31
Terphenyl-d14
Concen: 0.553 ng
RT: 20.052 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

Tgt Ion:	244	Resp:	12226
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.5	11.3
122	16.7	14.0	21.0

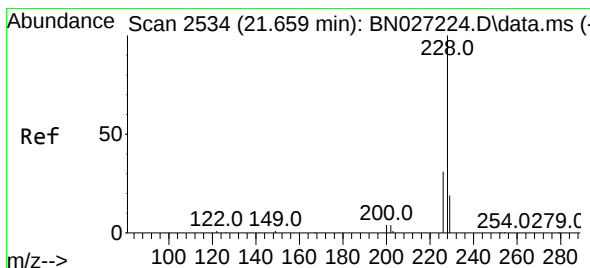
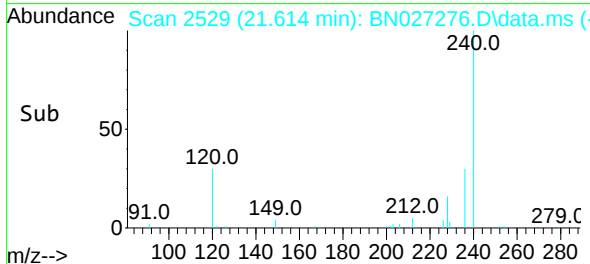
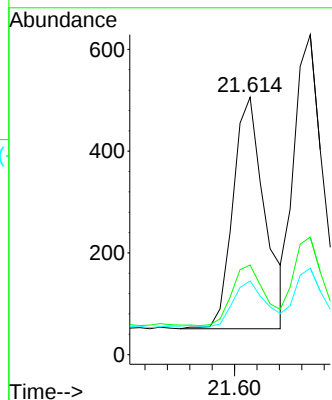
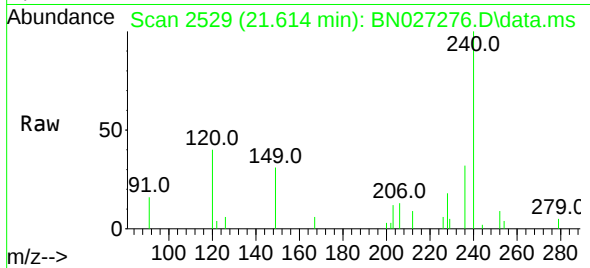




#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.614 min Scan# 2161
Delta R.T. 0.009 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

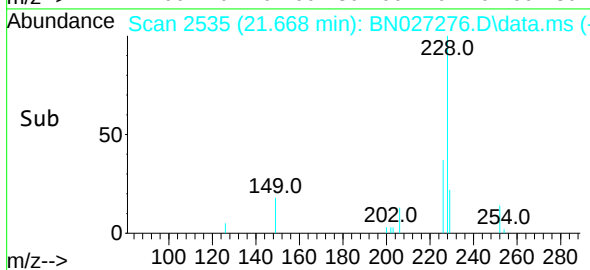
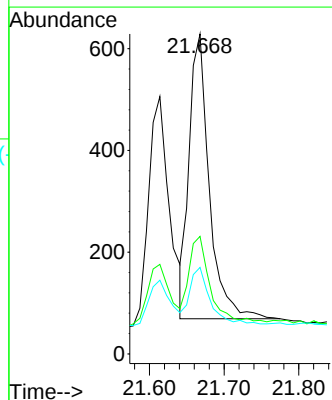
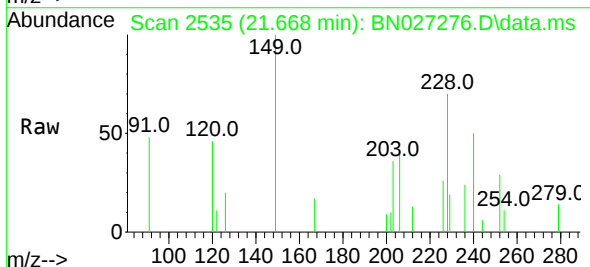
Instrument :
BNA_N
ClientSampleId :
DUP08-20230822

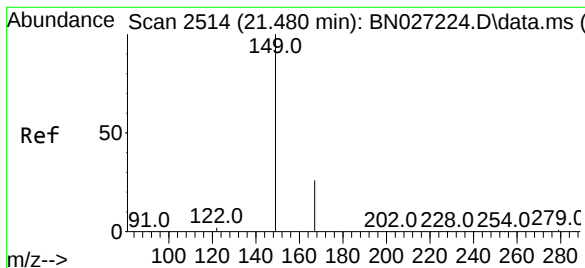
Tgt Ion:228 Resp: 896
Ion Ratio Lower Upper
228 100
226 34.8 21.9 32.9#
229 28.7 15.7 23.5#



#33
Chrysene
Concen: 0.025 ng
RT: 21.668 min Scan# 2535
Delta R.T. 0.009 min
Lab File: BN027276.D
Acq: 30 Aug 2023 15:28

Tgt Ion:228 Resp: 1048
Ion Ratio Lower Upper
228 100
226 36.7 24.3 36.5#
229 27.0 15.4 23.2#

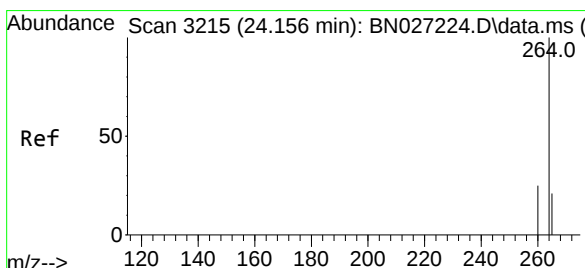
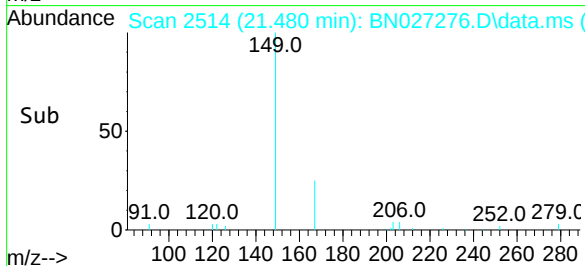
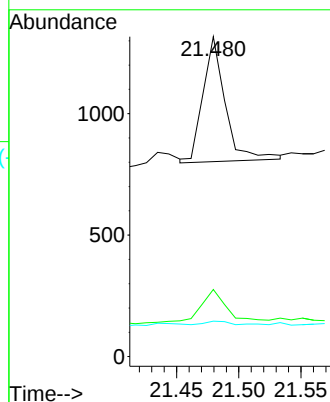
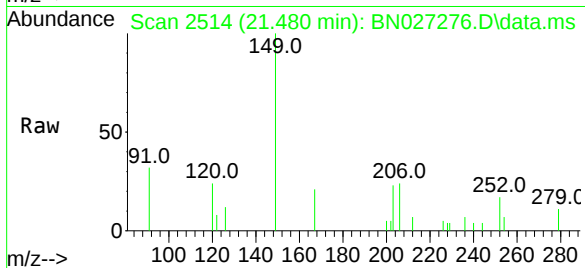




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.035 ng
 RT: 21.480 min Scan# 2148
 Delta R.T. -0.000 min
 Lab File: BN027276.D
 Acq: 30 Aug 2023 15:28

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20230822

Tgt Ion:149 Resp: 641
 Ion Ratio Lower Upper
 149 100
 167 43.7 22.1 33.1#
 279 3.0 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.159 min Scan# 3216
 Delta R.T. 0.003 min
 Lab File: BN027276.D
 Acq: 30 Aug 2023 15:28

Tgt Ion:264 Resp: 9245
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.7 31.1
 265 90.1 53.3 79.9#

