

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027331.D
 Acq On : 01 Sep 2023 04:37
 Operator : MA/JU
 Sample : 04128-15
 Misc :
 ALS Vial : 111 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20230822

Quant Time: Sep 01 05:17:53 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)

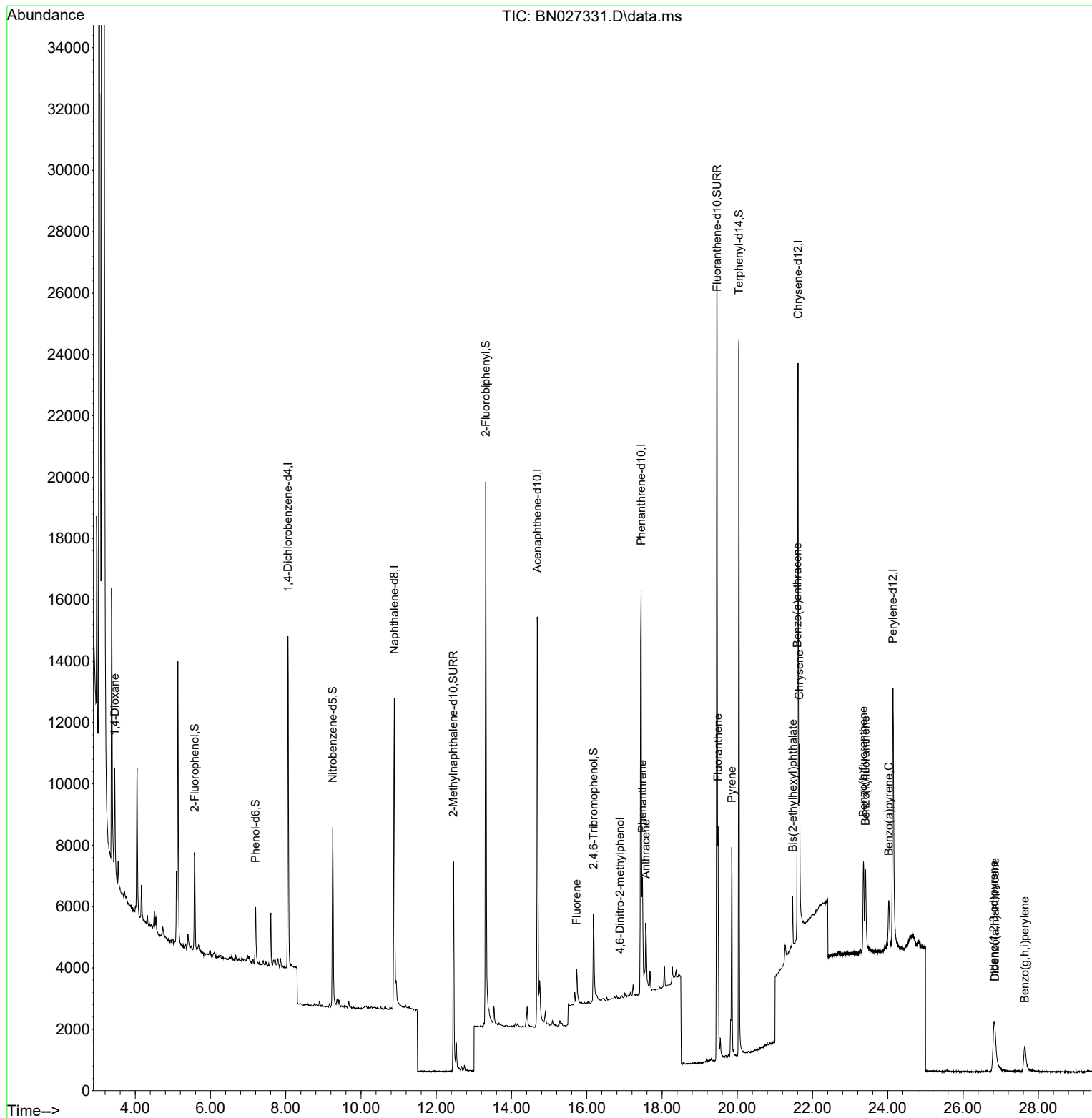
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5352	0.400	ng	-0.01
7) Naphthalene-d8	10.885	136	15311	0.400	ng	-0.01
13) Acenaphthene-d10	14.683	164	9920	0.400	ng	-0.01
19) Phenanthrene-d10	17.443	188	22699	0.400	ng	# 0.00
29) Chrysene-d12	21.614	240	18098	0.400	ng	0.00
35) Perylene-d12	24.139	264	15758	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	2834	0.203	ng	0.00
5) Phenol-d6	7.199	99	1963	0.116	ng	0.00
8) Nitrobenzene-d5	9.251	82	5146	0.461	ng	-0.01
11) 2-Methylnaphthalene-d10	12.457	152	10955	0.487	ng	-0.02
14) 2,4,6-Tribromophenol	16.177	330	2085	0.568	ng	-0.01
15) 2-Fluorobiphenyl	13.315	172	17470	0.463	ng	-0.01
27) Fluoranthene-d10	19.458	212	32042	0.568	ng	0.00
31) Terphenyl-d14	20.043	244	24053	0.662	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	2806	0.429	ng	# 95
18) Fluorene	15.730	166	1199	0.030	ng	98
20) 4,6-Dinitro-2-methylph...	16.884	198	8	0.025	ng	# 1
25) Phenanthrene	17.480	178	3816	0.057	ng	98
26) Anthracene	17.567	178	3016	0.053	ng	97
28) Fluoranthene	19.486	202	6286	0.080	ng	# 96
30) Pyrene	19.853	202	6156	0.086	ng	99
32) Benzo(a)anthracene	21.596	228	4832	0.078	ng	97
33) Chrysene	21.650	228	5397	0.079	ng	96
34) Bis(2-ethylhexyl)phtha...	21.471	149	1588	0.053	ng	98
36) Indeno(1,2,3-cd)pyrene	26.817	276	3502	0.055	ng	98
37) Benzo(b)fluoranthene	23.352	252	4777	0.078	ng	# 65
38) Benzo(k)fluoranthene	23.408	252	4357	0.070	ng	# 62
39) Benzo(a)pyrene	24.025	252	3248	0.057	ng	# 40
40) Dibenzo(a,h)anthracene	26.846	278	2552	0.051	ng	# 58
41) Benzo(g,h,i)perylene	27.642	276	2592	0.045	ng	# 76

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

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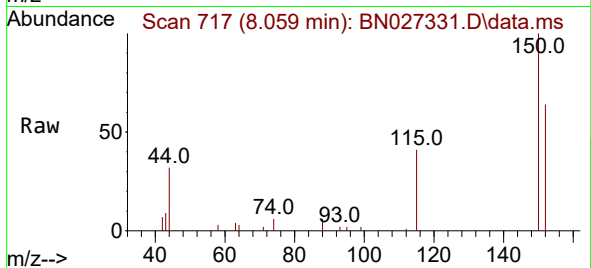
Quant Time: Sep 01 05:17:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



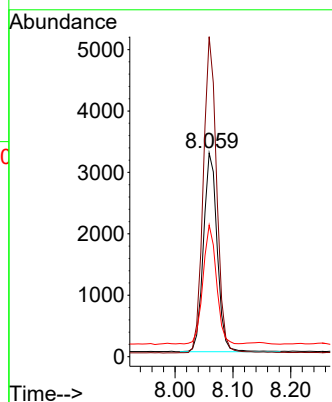
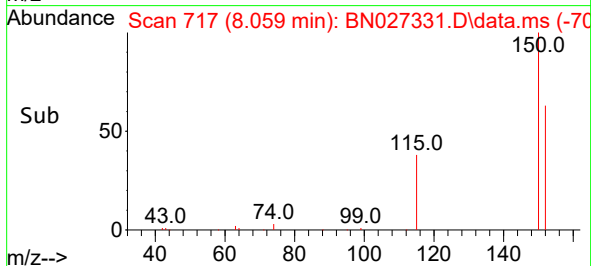


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.059 min Scan# 71
 Delta R.T. -0.014 min
 Lab File: BN027331.D
 Acq: 01 Sep 2023 04:37

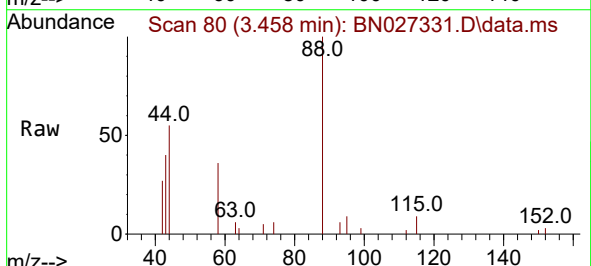
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 ClientSampleId :
 TT205S1-20230822



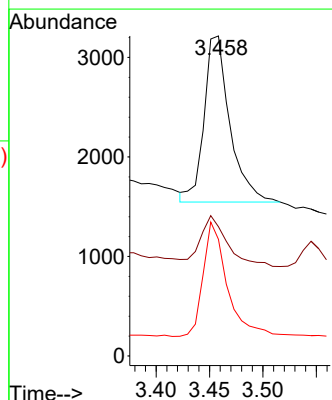
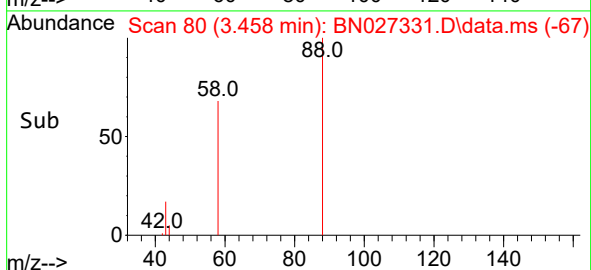
Tgt Ion:152 Resp: 5352
 Ion Ratio Lower Upper
 152 100
 150 157.1 122.7 184.1
 115 64.6 48.6 73.0

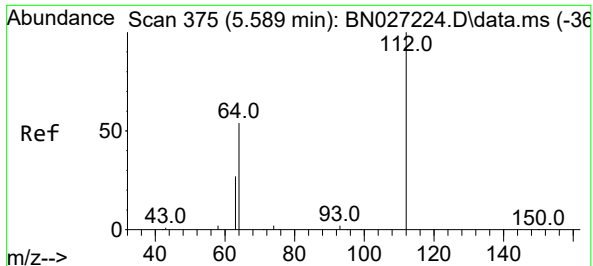


#2
 1,4-Dioxane
 Concen: 0.429 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027331.D
 Acq: 01 Sep 2023 04:37



Tgt Ion: 88 Resp: 2806
 Ion Ratio Lower Upper
 88 100
 43 32.4 19.1 28.7#
 58 64.3 52.2 78.2

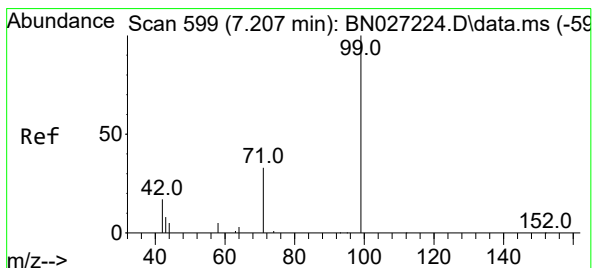
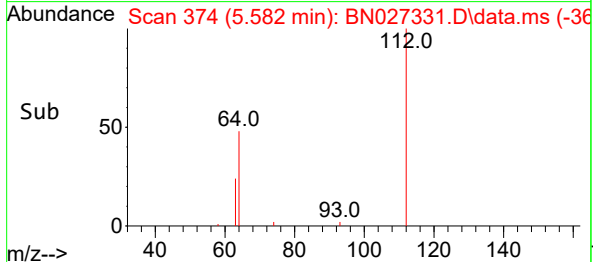
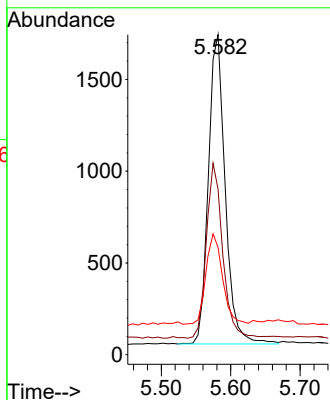
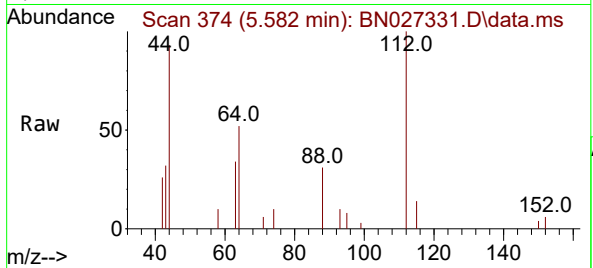




#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

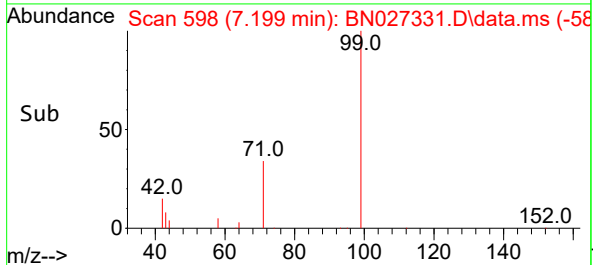
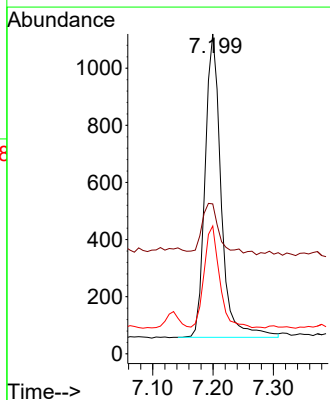
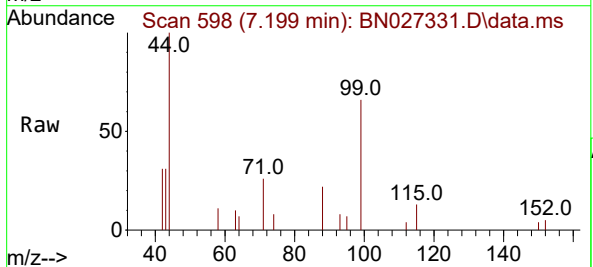
Instrument :
BNA_N
ClientSampleId :
TT205S1-20230822

Tgt Ion:112 Resp: 2834
Ion Ratio Lower Upper
112 100
64 55.0 44.4 66.6
63 28.7 23.1 34.7



#5
Phenol-d6
Concen: 0.116 ng
RT: 7.199 min Scan# 598
Delta R.T. -0.007 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

Tgt Ion: 99 Resp: 1963
Ion Ratio Lower Upper
99 100
42 19.0 14.5 21.7
71 31.9 25.8 38.6

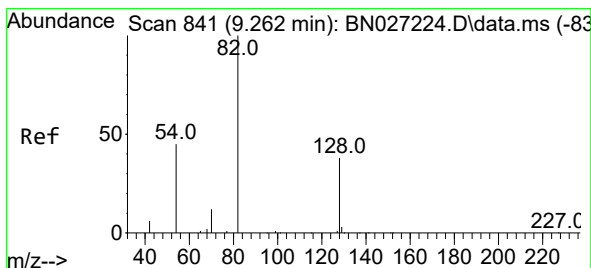
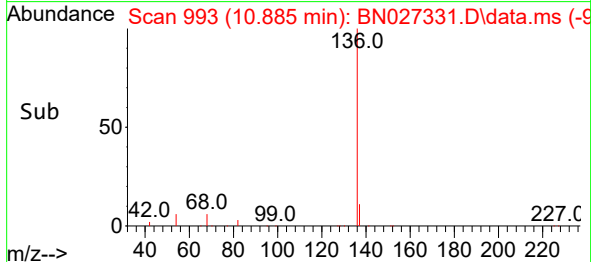
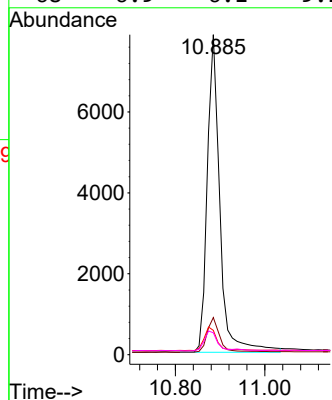
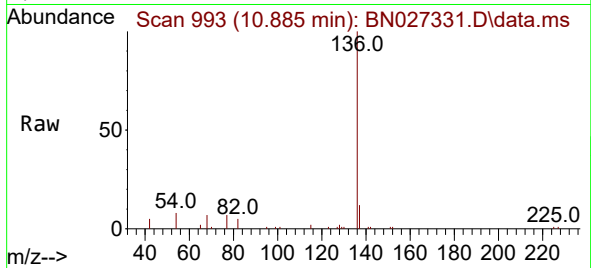




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

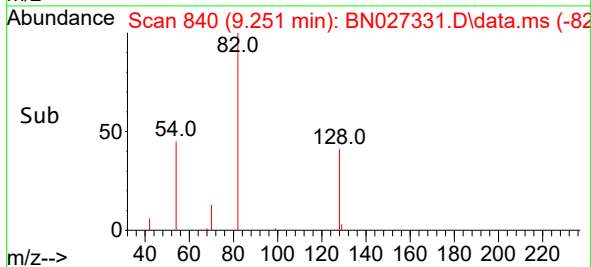
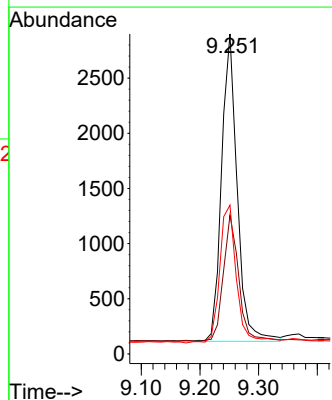
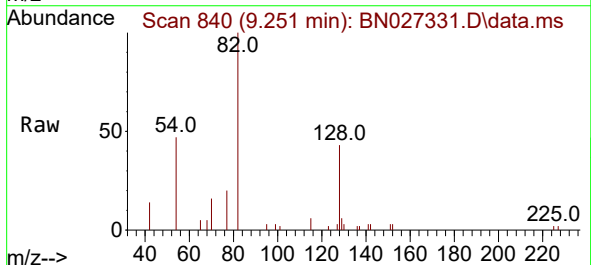
Instrument :
BNA_N
ClientSampleId :
TT205S1-20230822

Tgt Ion:	136	Resp:	15311
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.6	6.7	10.1
68	6.9	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.461 ng
RT: 9.251 min Scan# 840
Delta R.T. -0.011 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

Tgt Ion:	82	Resp:	5146
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.4	50.0
54	46.5	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.487 ng

RT: 12.457 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN027331.D

Acq: 01 Sep 2023 04:37

Instrument :

BNA_N

ClientSampleId :

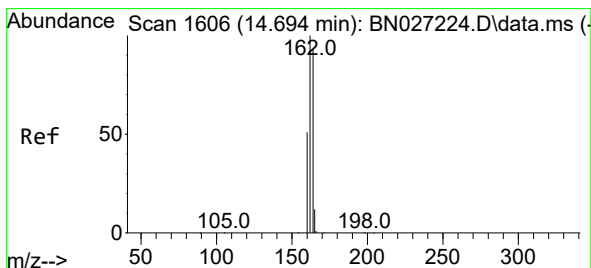
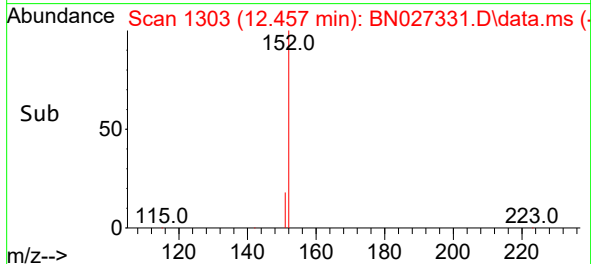
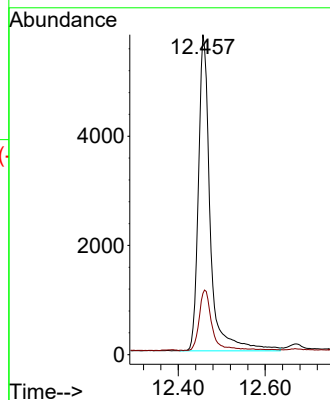
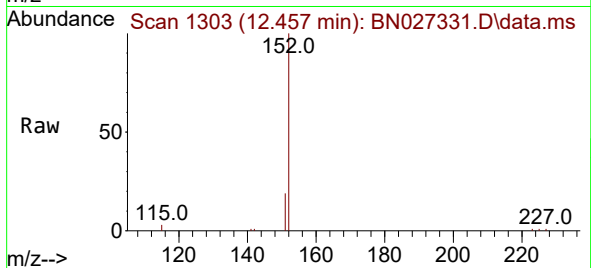
TT205S1-20230822

Tgt Ion:152 Resp: 10955

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.683 min Scan# 1605

Delta R.T. -0.011 min

Lab File: BN027331.D

Acq: 01 Sep 2023 04:37

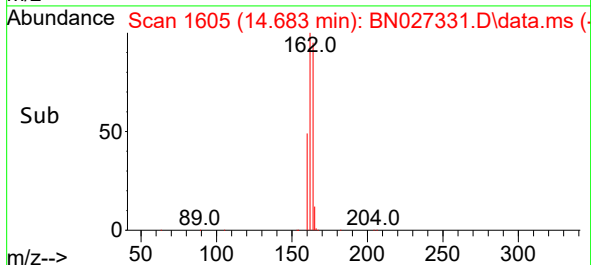
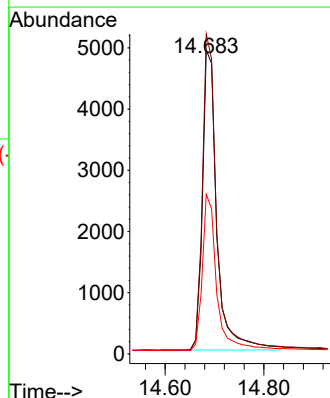
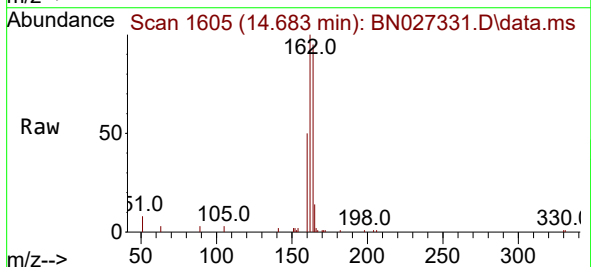
Tgt Ion:164 Resp: 9920

Ion Ratio Lower Upper

164 100

162 105.3 85.8 128.8

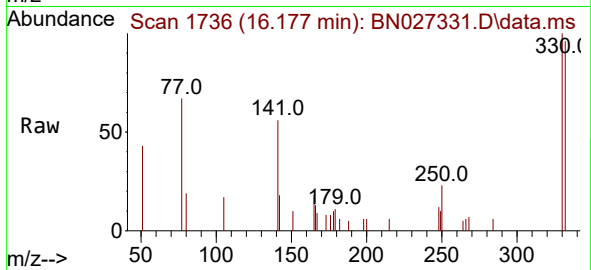
160 52.6 44.2 66.2



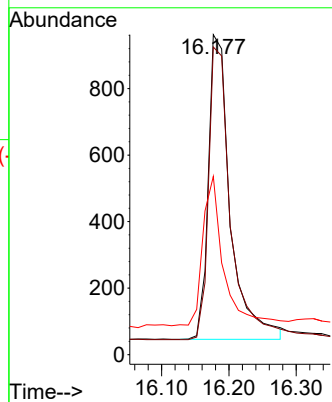
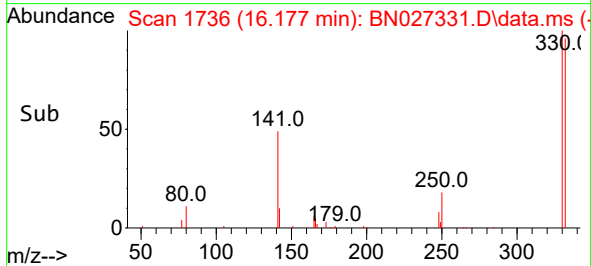


#14
2,4,6-Tribromophenol
Concen: 0.568 ng
RT: 16.177 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

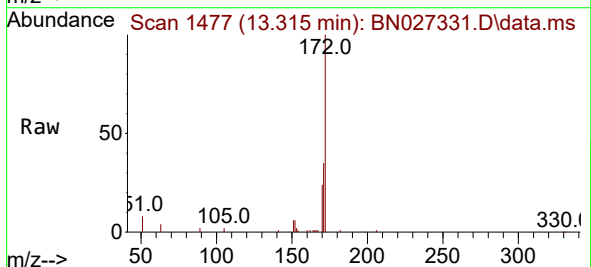
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ClientSampleId :
TT205S1-20230822



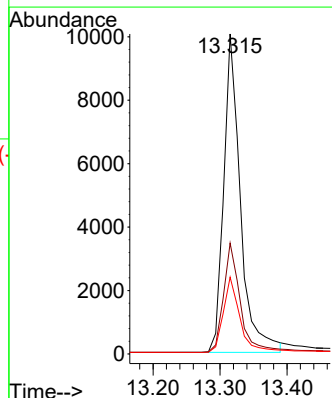
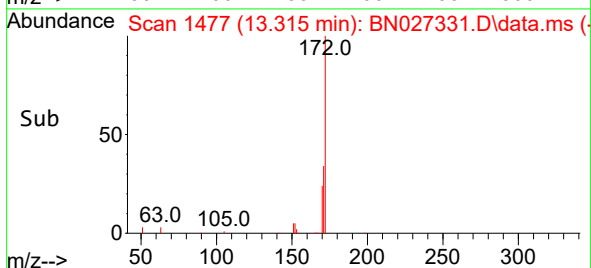
Tgt Ion:330 Resp: 2085
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 46.1 36.2 54.4

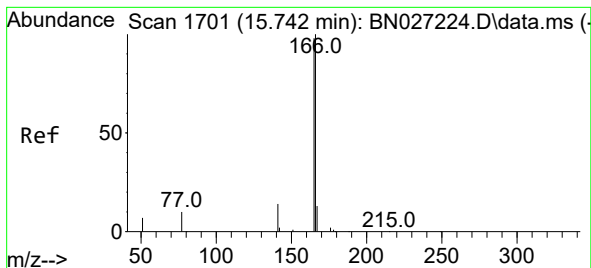


#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 13.315 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37



Tgt Ion:172 Resp: 17470
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 24.0 19.3 28.9





#18

Fluorene

Concen: 0.030 ng

RT: 15.730 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN027331.D

Acq: 01 Sep 2023 04:37

Instrument :

BNA_N

ClientSampleId :

TT205S1-20230822

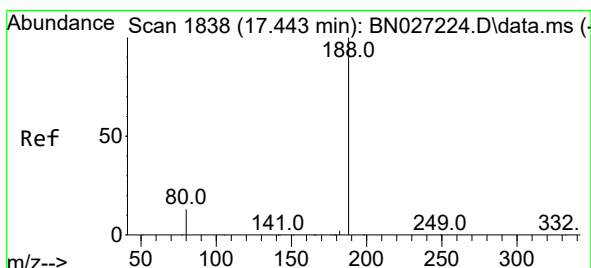
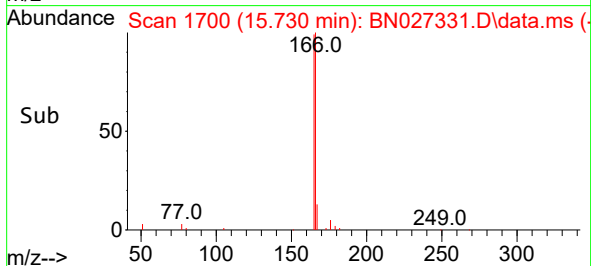
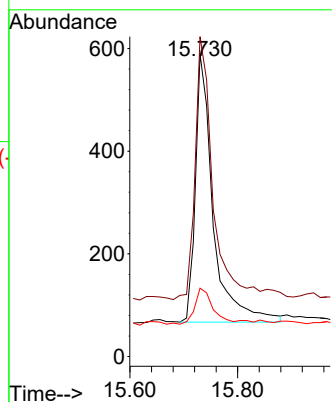
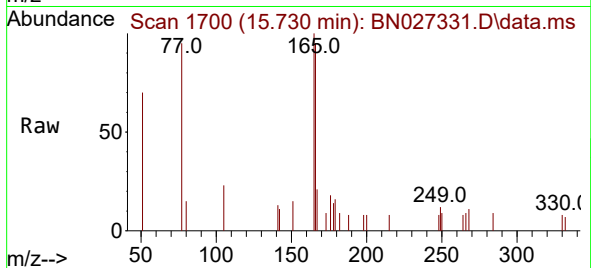
Tgt Ion:166 Resp: 1199

Ion Ratio Lower Upper

166 100

165 101.0 79.0 118.4

167 14.7 10.8 16.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BN027331.D

Acq: 01 Sep 2023 04:37

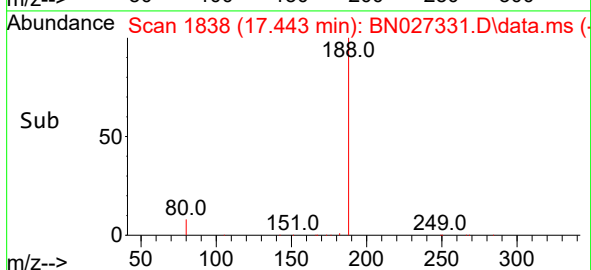
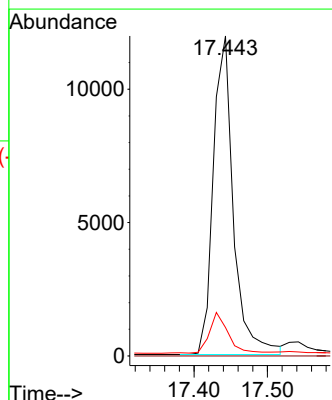
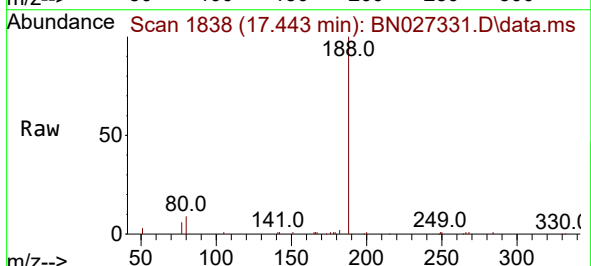
Tgt Ion:188 Resp: 22699

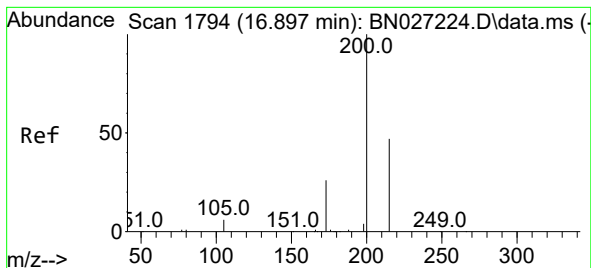
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 11.0 16.6#

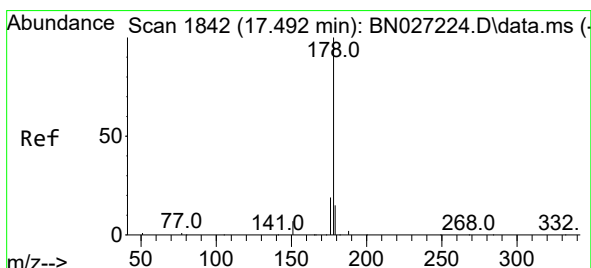
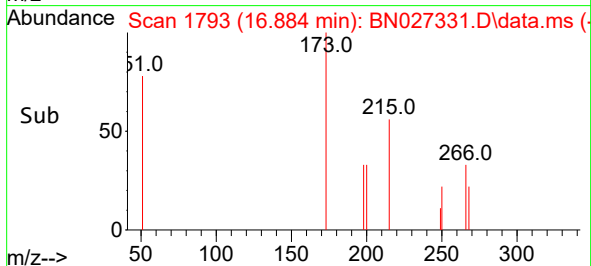
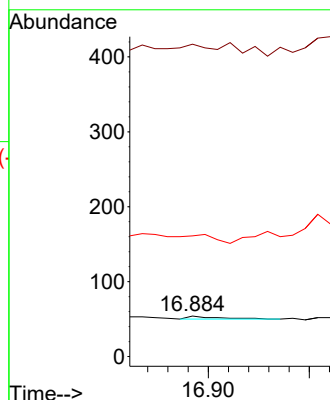
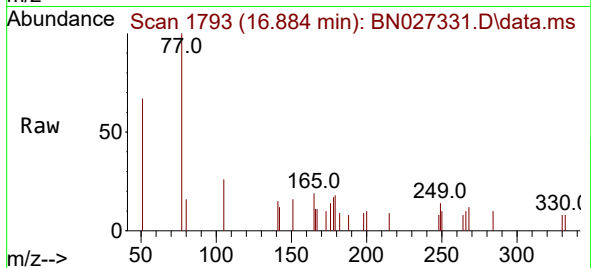




#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 16.884 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

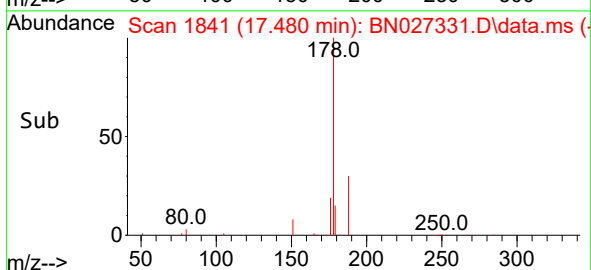
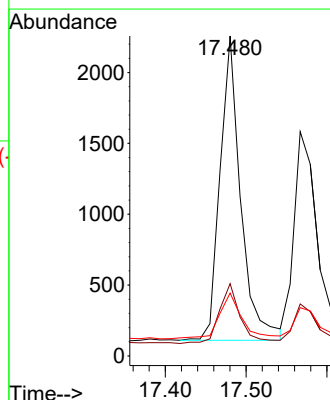
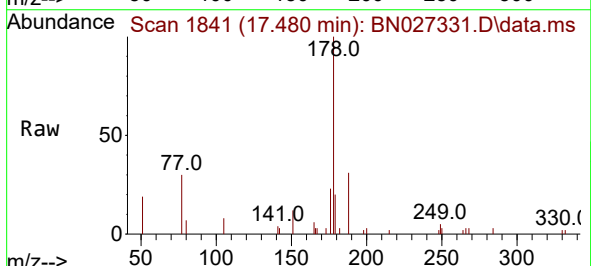
Instrument :
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TT205S1-20230822

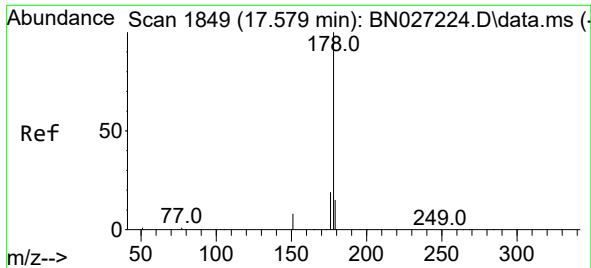
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 772.2 282.2 423.2#
105 298.1 168.7 253.1#



#25
Phenanthrene
Concen: 0.057 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

Tgt Ion:178 Resp: 3816
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 16.7 12.3 18.5

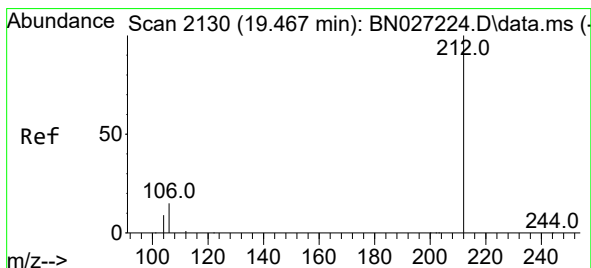
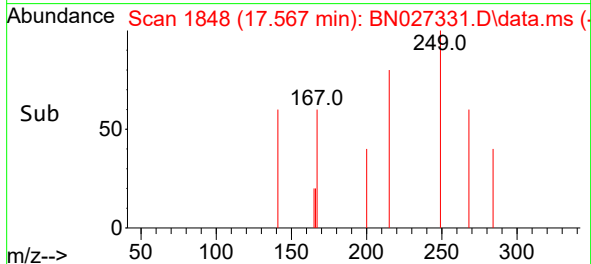
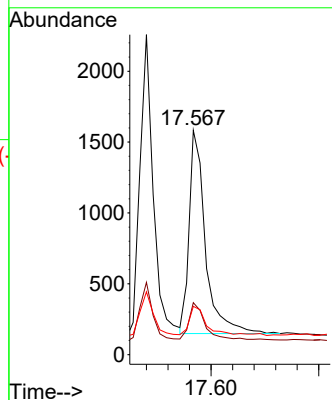
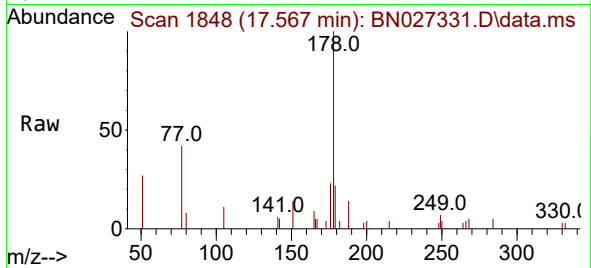




#26
 Anthracene
 Concen: 0.053 ng
 RT: 17.567 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN027331.D
 Acq: 01 Sep 2023 04:37

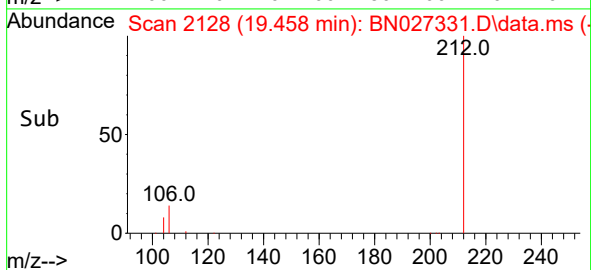
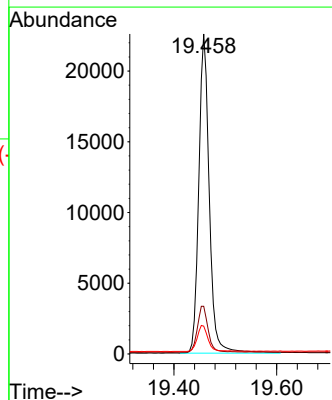
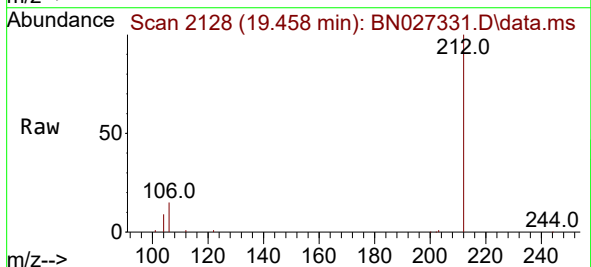
Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20230822

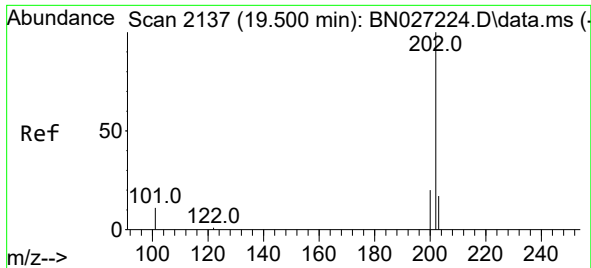
Tgt Ion:178 Resp: 3016
 Ion Ratio Lower Upper
 178 100
 176 16.9 14.9 22.3
 179 14.6 12.0 18.0



#27
 Fluoranthene-d10
 Concen: 0.568 ng
 RT: 19.458 min Scan# 2128
 Delta R.T. -0.009 min
 Lab File: BN027331.D
 Acq: 01 Sep 2023 04:37

Tgt Ion:212 Resp: 32042
 Ion Ratio Lower Upper
 212 100
 106 14.8 12.1 18.1
 104 8.5 6.9 10.3

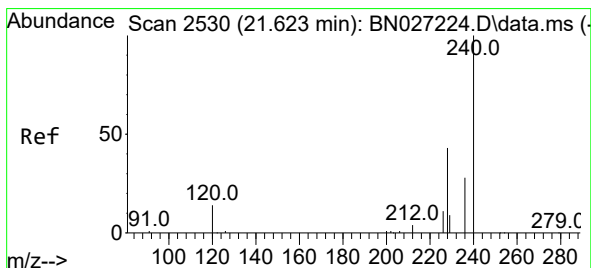
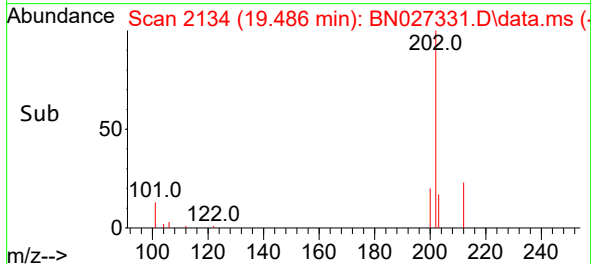
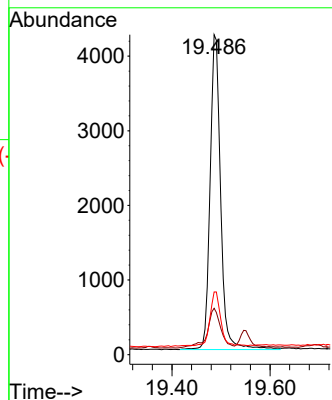
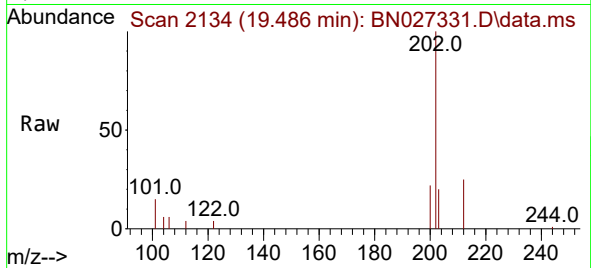




#28
Fluoranthene
Concen: 0.080 ng
RT: 19.486 min Scan# 2137
Delta R.T. -0.014 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

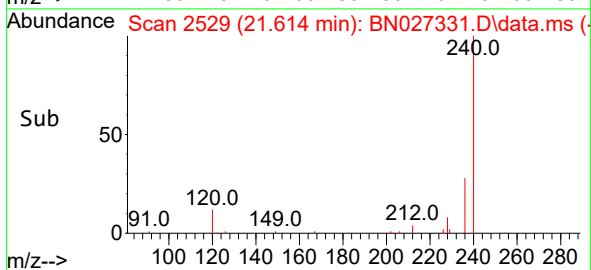
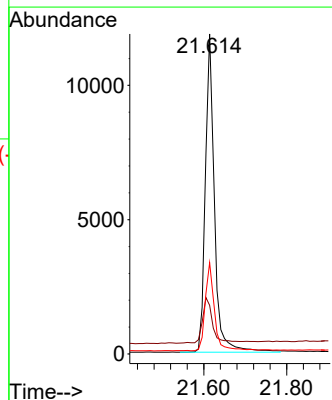
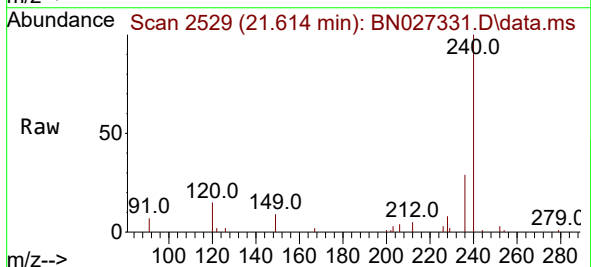
Instrument :
BNA_N
ClientSampleId :
TT205S1-20230822

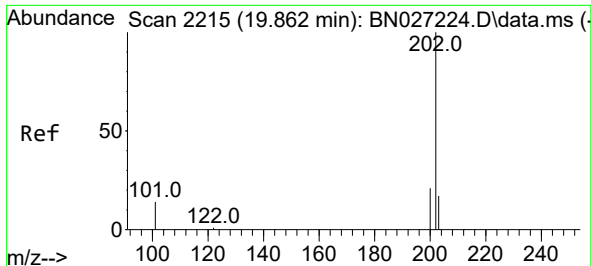
Tgt Ion:202 Resp: 6286
Ion Ratio Lower Upper
202 100
101 16.0 9.6 14.4#
203 16.8 13.6 20.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.614 min Scan# 2529
Delta R.T. -0.009 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

Tgt Ion:240 Resp: 18098
Ion Ratio Lower Upper
240 100
120 15.2 14.2 21.4
236 28.6 22.9 34.3

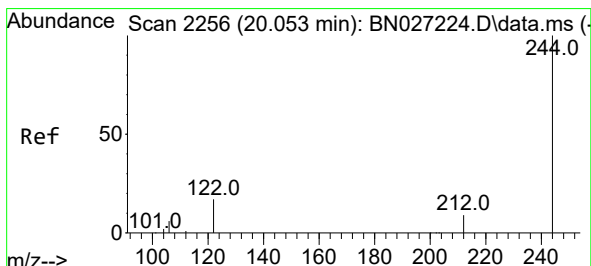
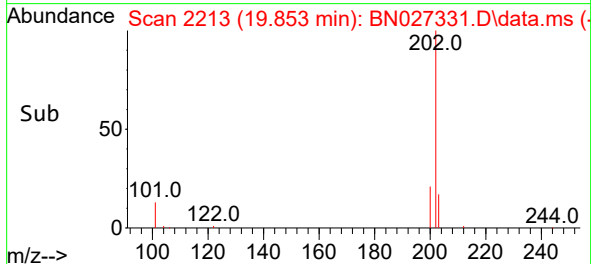
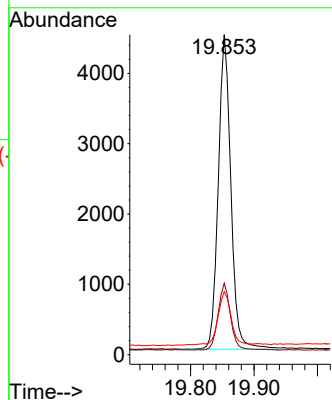
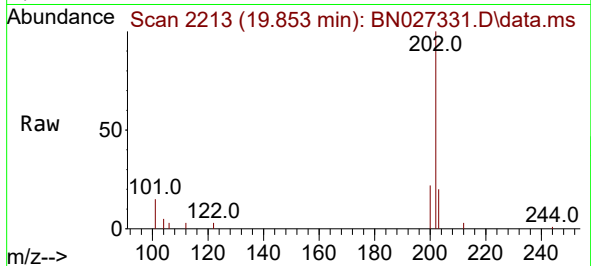




#30
 Pyrene
 Concen: 0.086 ng
 RT: 19.853 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN027331.D
 Acq: 01 Sep 2023 04:37

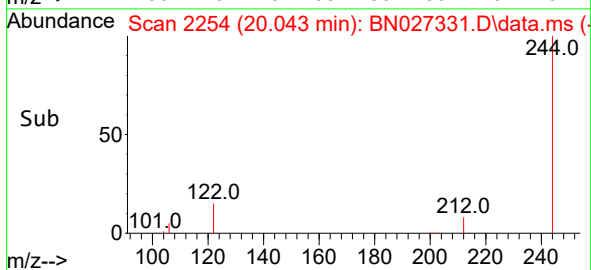
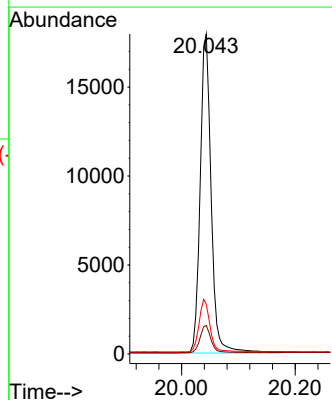
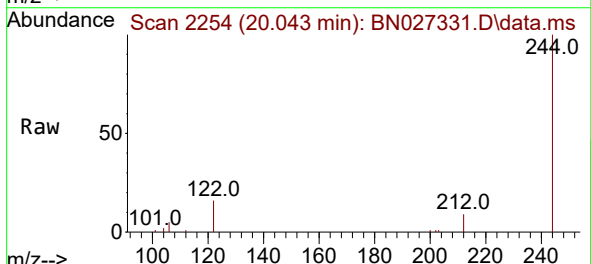
Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20230822

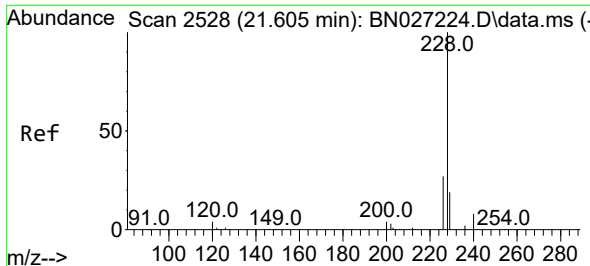
Tgt Ion:202 Resp: 6156
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 25.0
 203 18.1 14.2 21.4



#31
 Terphenyl-d14
 Concen: 0.662 ng
 RT: 20.043 min Scan# 2254
 Delta R.T. -0.009 min
 Lab File: BN027331.D
 Acq: 01 Sep 2023 04:37

Tgt Ion:244 Resp: 24053
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.5 11.3
 122 15.5 14.0 21.0

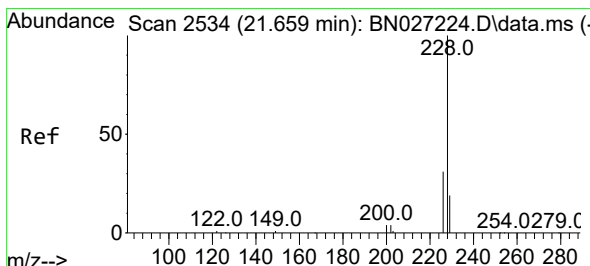
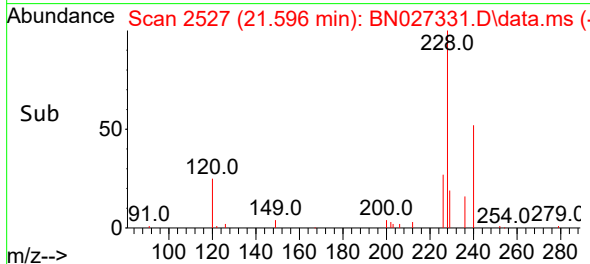
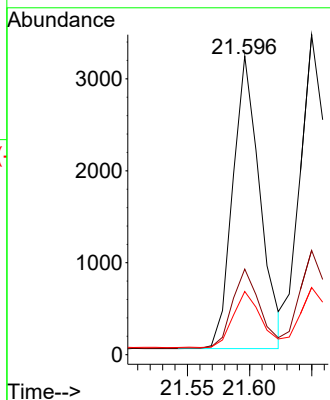
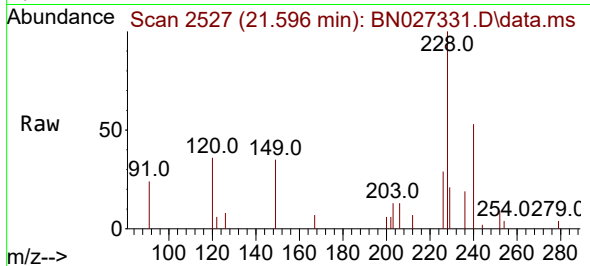




#32
Benzo(a)anthracene
Concen: 0.078 ng
RT: 21.596 min Scan# 21533
Delta R.T. -0.009 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

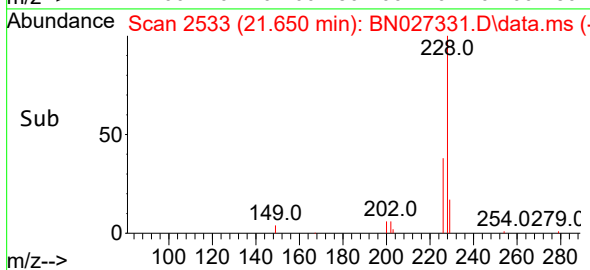
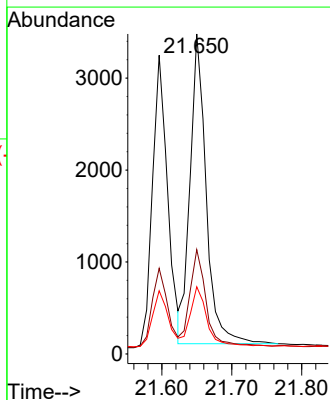
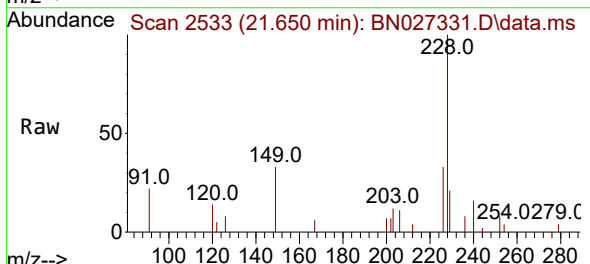
Instrument :
BNA_N
ClientSampleId :
TT205S1-20230822

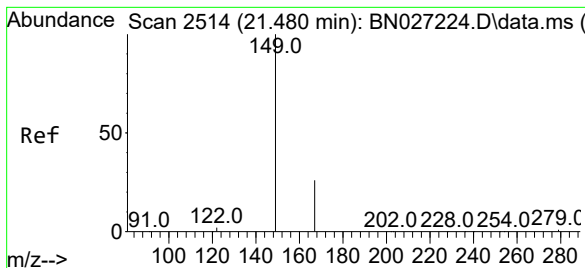
Tgt Ion:228 Resp: 4832
Ion Ratio Lower Upper
228 100
226 28.7 21.9 32.9
229 21.1 15.7 23.5



#33
Chrysene
Concen: 0.079 ng
RT: 21.650 min Scan# 2533
Delta R.T. -0.009 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

Tgt Ion:228 Resp: 5397
Ion Ratio Lower Upper
228 100
226 32.6 24.3 36.5
229 21.0 15.4 23.2





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.053 ng

RT: 21.471 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027331.D

Acq: 01 Sep 2023 04:37

Instrument :

BNA_N

ClientSampleId :

TT205S1-20230822

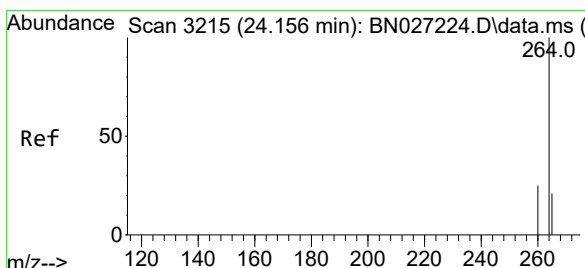
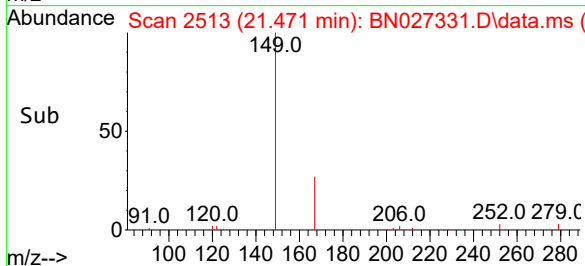
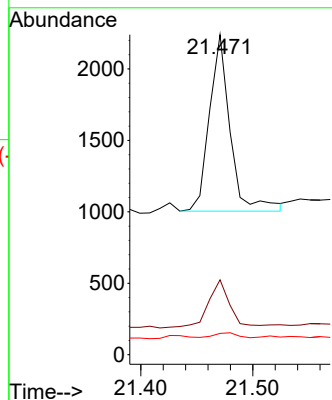
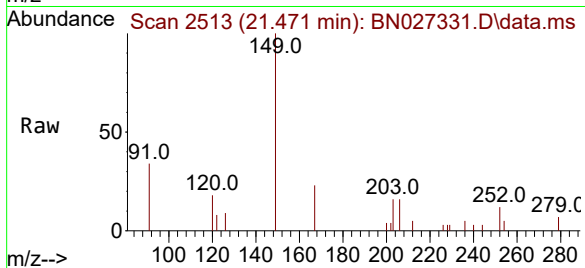
Tgt Ion:149 Resp: 1588

Ion Ratio Lower Upper

149 100

167 28.6 22.1 33.1

279 3.1 2.7 4.1



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.139 min Scan# 3209

Delta R.T. -0.017 min

Lab File: BN027331.D

Acq: 01 Sep 2023 04:37

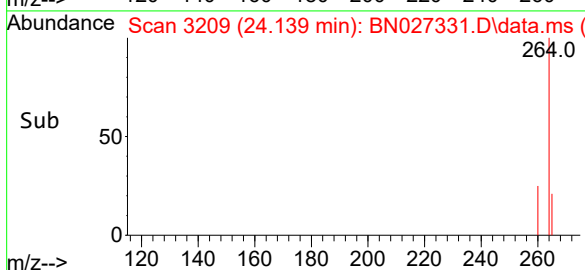
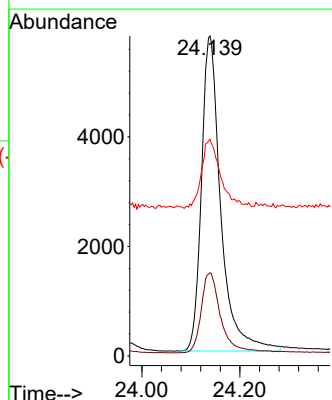
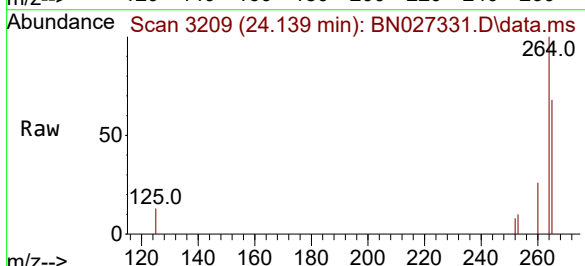
Tgt Ion:264 Resp: 15758

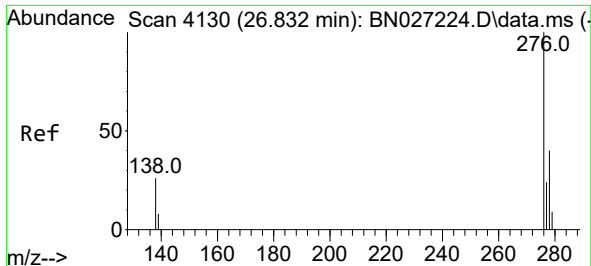
Ion Ratio Lower Upper

264 100

260 26.0 20.7 31.1

265 67.7 53.3 79.9

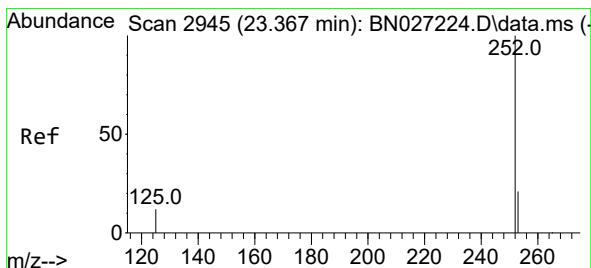
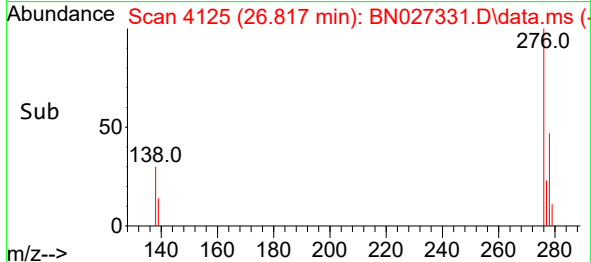
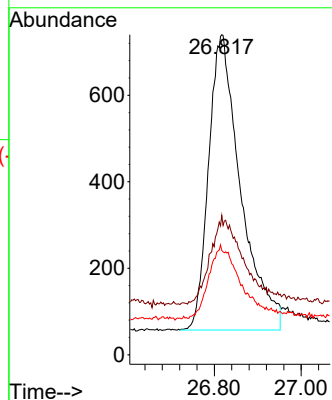
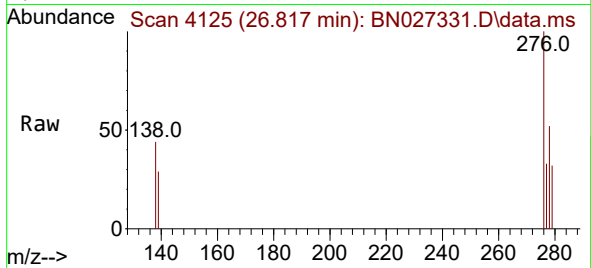




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng
RT: 26.817 min Scan# 4130
Delta R.T. -0.015 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

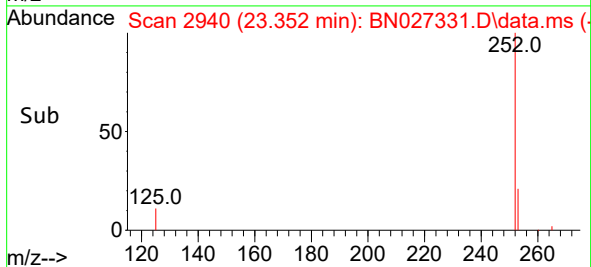
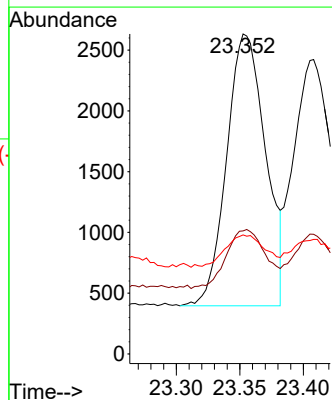
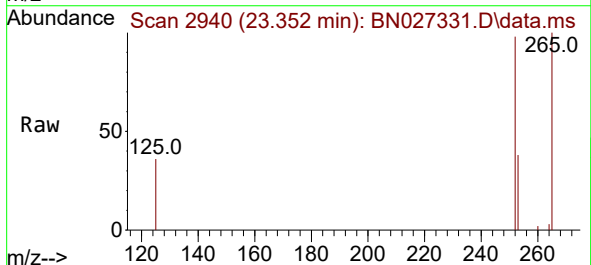
Instrument :
BNA_N
ClientSampleId :
TT205S1-20230822

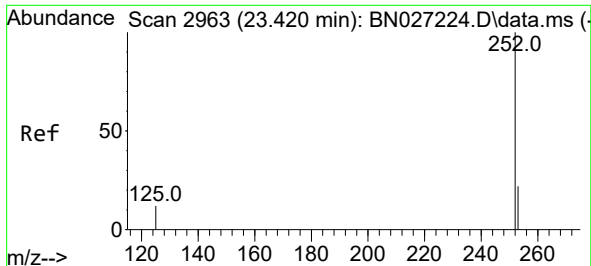
Tgt Ion:276 Resp: 3502
Ion Ratio Lower Upper
276 100
138 30.5 23.4 35.2
277 24.0 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.078 ng
RT: 23.352 min Scan# 2940
Delta R.T. -0.015 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

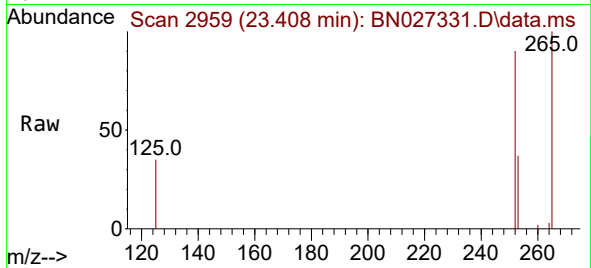
Tgt Ion:252 Resp: 4777
Ion Ratio Lower Upper
252 100
253 38.4 19.9 29.9#
125 37.2 13.8 20.6#



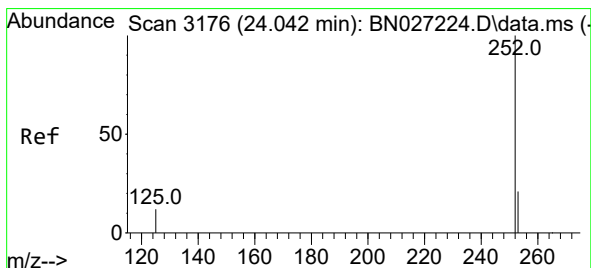
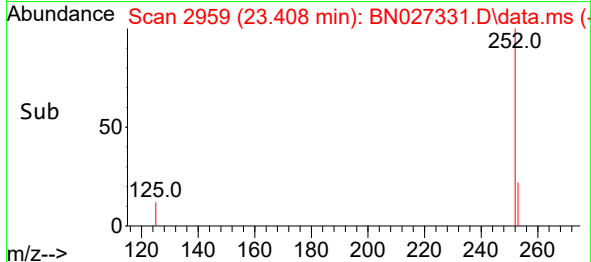
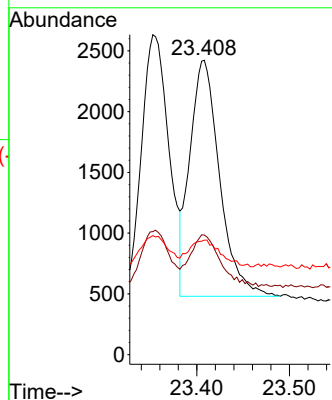


#38
Benzo(k)fluoranthene
Concen: 0.070 ng
RT: 23.408 min Scan# 2959
Delta R.T. -0.012 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

Instrument :
BNA_N
ClientSampleId :
TT205S1-20230822

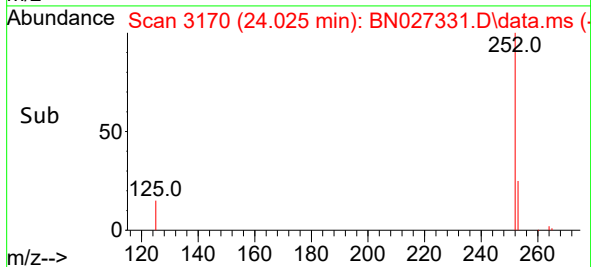
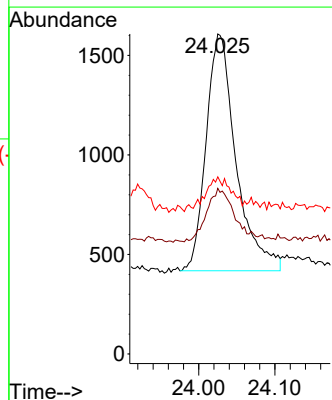
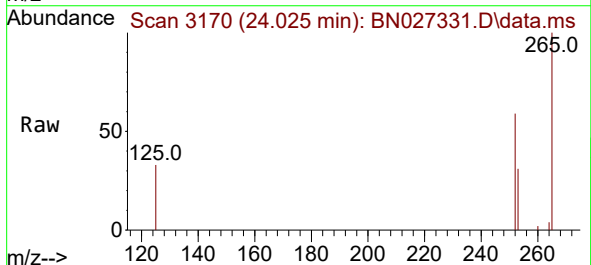


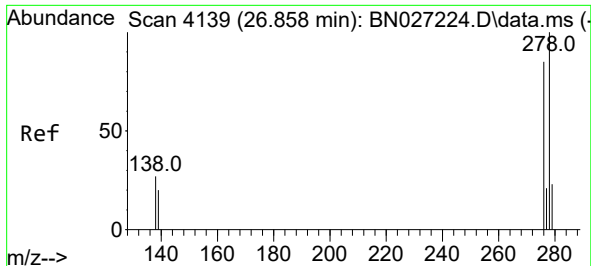
Tgt Ion:252 Resp: 4357
Ion Ratio Lower Upper
252 100
253 40.7 20.2 30.2#
125 38.9 14.1 21.1#



#39
Benzo(a)pyrene
Concen: 0.057 ng
RT: 24.025 min Scan# 3170
Delta R.T. -0.017 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

Tgt Ion:252 Resp: 3248
Ion Ratio Lower Upper
252 100
253 51.7 21.4 32.0#
125 55.3 16.5 24.7#

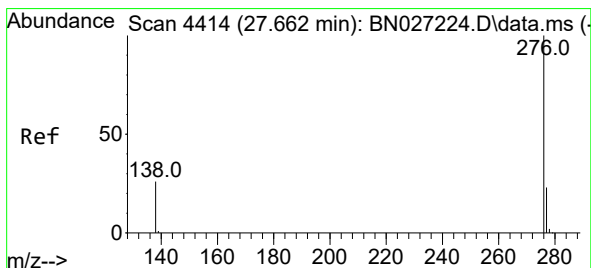
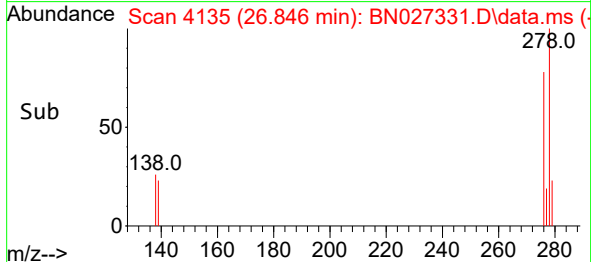
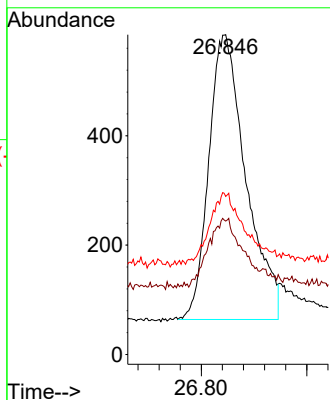
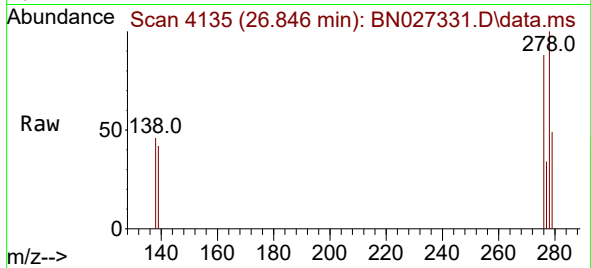




#40
Dibenzo(a,h)anthracene
Concen: 0.051 ng
RT: 26.846 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

Instrument :
BNA_N
ClientSampleId :
TT205S1-20230822

Tgt Ion:278 Resp: 2552
Ion Ratio Lower Upper
278 100
139 41.7 17.9 26.9#
279 49.4 21.8 32.6#



#41
Benzo(g,h,i)perylene
Concen: 0.045 ng
RT: 27.642 min Scan# 4407
Delta R.T. -0.020 min
Lab File: BN027331.D
Acq: 01 Sep 2023 04:37

Tgt Ion:276 Resp: 2592
Ion Ratio Lower Upper
276 100
277 36.1 19.6 29.4#
138 40.7 22.1 33.1#

