

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027233.D
 Acq On : 29 Aug 2023 09:58
 Operator : MA/JU
 Sample : PB155057BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155057BL

Quant Time: Aug 30 00:02:57 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)

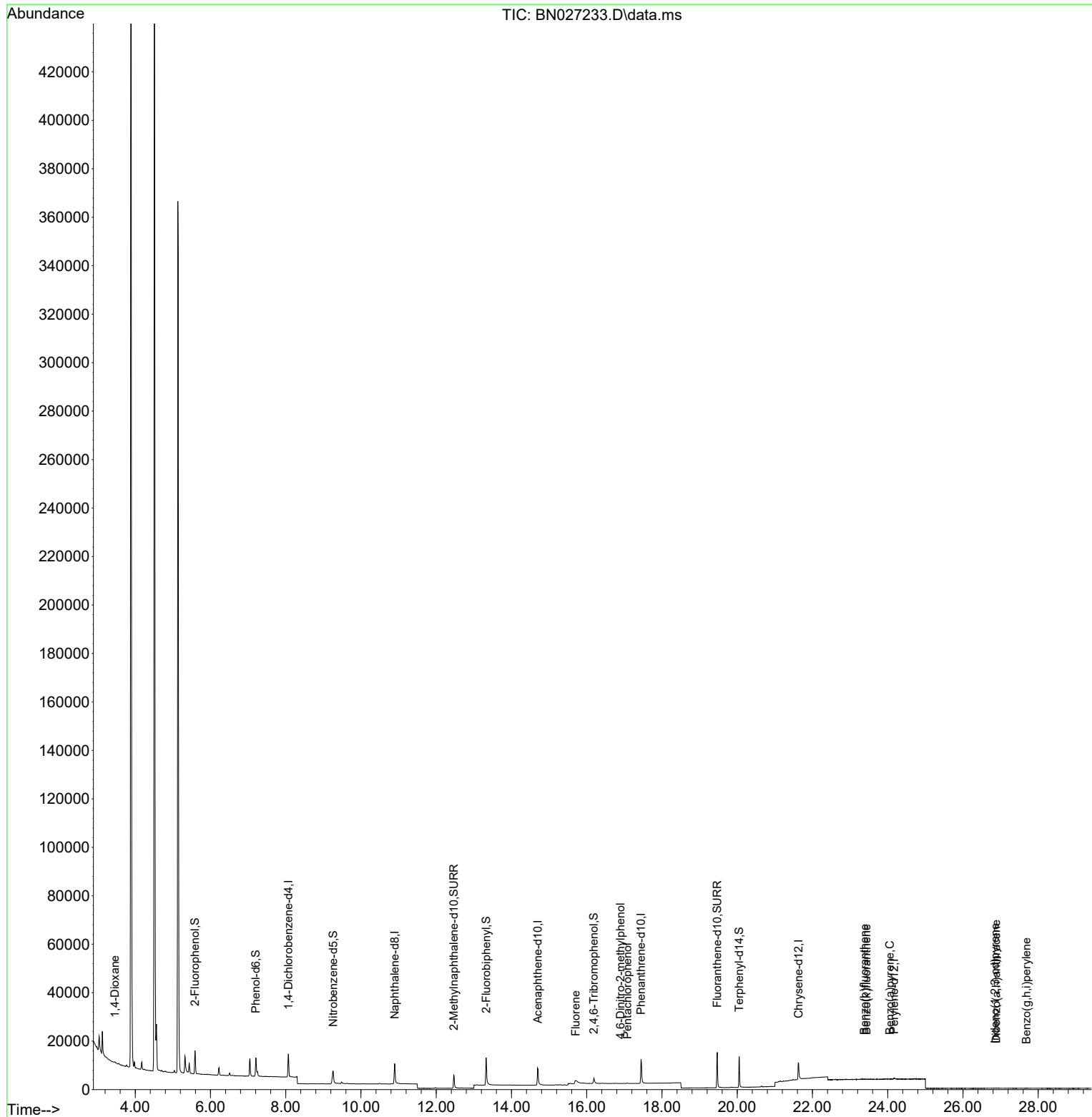
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	4888	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	12836	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	5494	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	16915	0.400	ng	0.00
29) Chrysene-d12	21.632	240	8775	0.400	ng	0.00
35) Perylene-d12	24.171	264	524	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	7910	0.621	ng	0.00
5) Phenol-d6	7.207	99	7890	0.509	ng	0.00
8) Nitrobenzene-d5	9.262	82	3895	0.416	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	9043	0.480	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1569	0.772	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	11791	0.564	ng	0.00
27) Fluoranthene-d10	19.467	212	17703	0.421	ng	0.00
31) Terphenyl-d14	20.052	244	12838	0.728	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	373	0.063	ng	# 32
18) Fluorene	15.705	166	6153	0.276	ng	# 11
20) 4,6-Dinitro-2-methylph...	16.897	198	6	0.025	ng	# 35
24) Pentachlorophenol	17.083	266	101	0.025	ng	96
36) Indeno(1,2,3-cd)pyrene	26.849	276	48	0.023	ng	# 64
37) Benzo(b)fluoranthene	23.382	252	96	0.047	ng	# 1
38) Benzo(k)fluoranthene	23.434	252	47	0.023	ng	# 1
39) Benzo(a)pyrene	24.054	252	44	0.023	ng	# 1
40) Dibenzo(a,h)anthracene	26.884	278	58	0.035	ng	# 1
41) Benzo(g,h,i)perylene	27.688	276	46	0.024	ng	# 1

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

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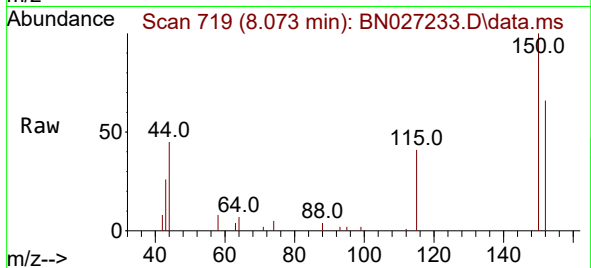
Quant Time: Aug 30 00:02:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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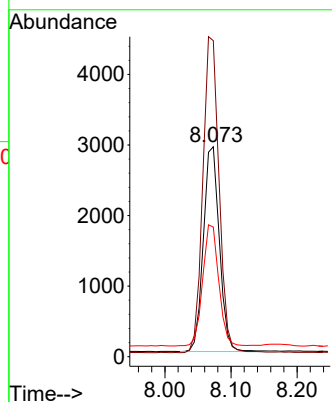
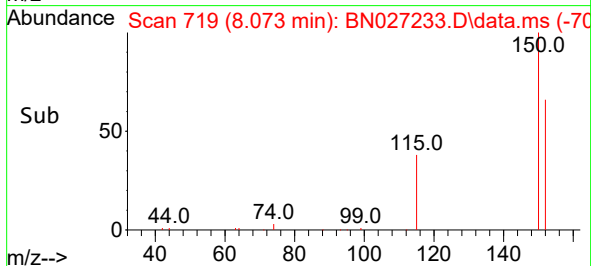


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027233.D
 Acq: 29 Aug 2023 09:58

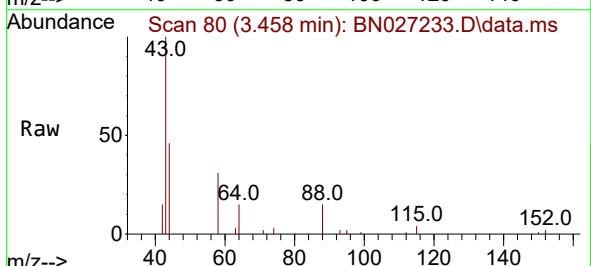
Instrument :
 BNA_N
 ClientSampleId :
 PB155057BL



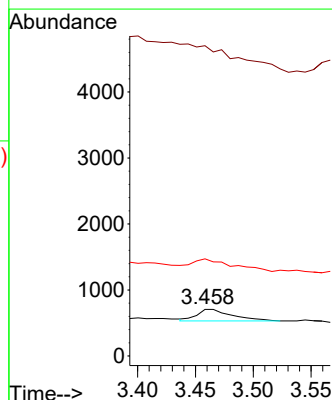
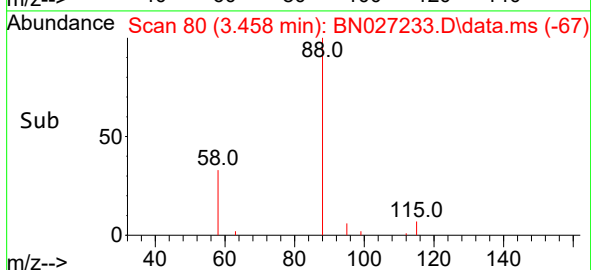
Tgt Ion:152 Resp: 4888
 Ion Ratio Lower Upper
 152 100
 150 150.6 122.7 184.1
 115 61.7 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.063 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027233.D
 Acq: 29 Aug 2023 09:58



Tgt Ion: 88 Resp: 373
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.1 28.7#
 58 124.7 52.2 78.2#

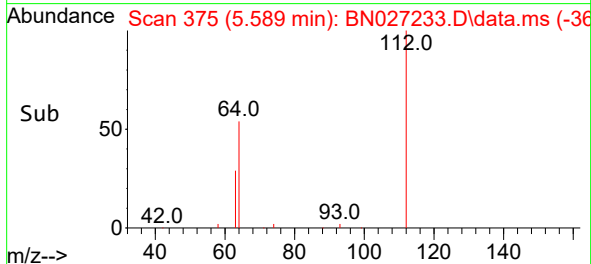
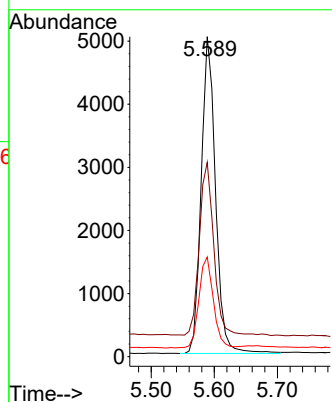
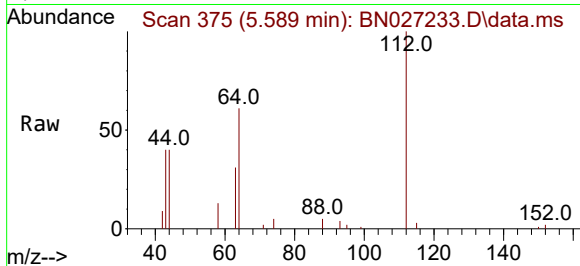




#4
2-Fluorophenol
Concen: 0.621 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

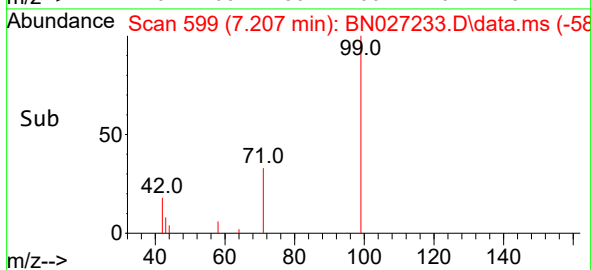
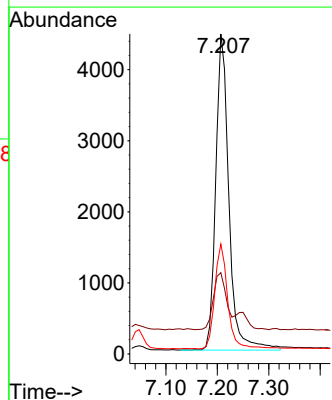
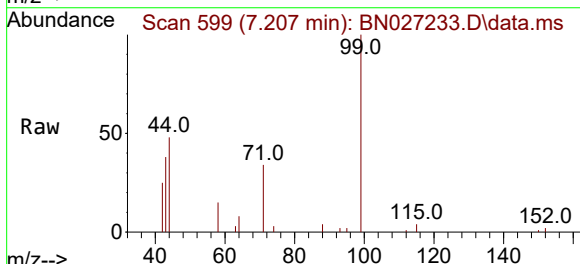
Instrument :
BNA_N
ClientSampleId :
PB155057BL

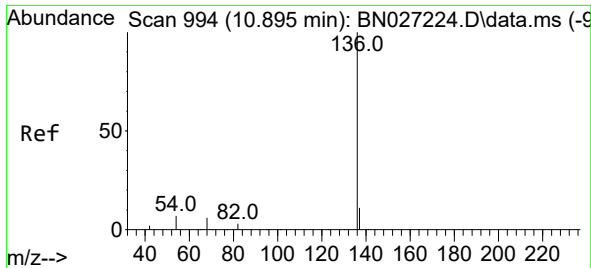
Tgt Ion:112 Resp: 7910
Ion Ratio Lower Upper
112 100
64 56.0 44.4 66.6
63 28.9 23.1 34.7



#5
Phenol-d6
Concen: 0.509 ng
RT: 7.207 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

Tgt Ion: 99 Resp: 7890
Ion Ratio Lower Upper
99 100
42 18.9 14.5 21.7
71 32.7 25.8 38.6

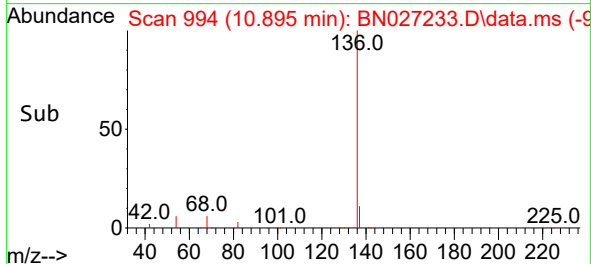
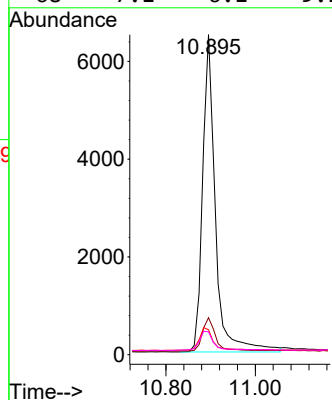
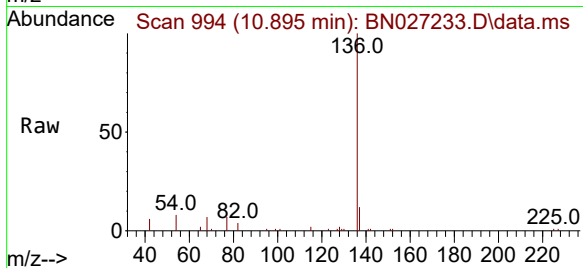




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

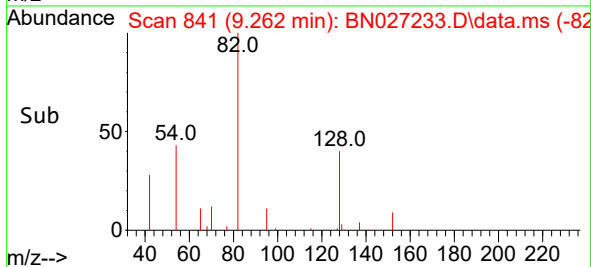
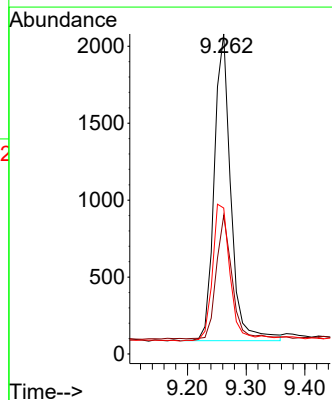
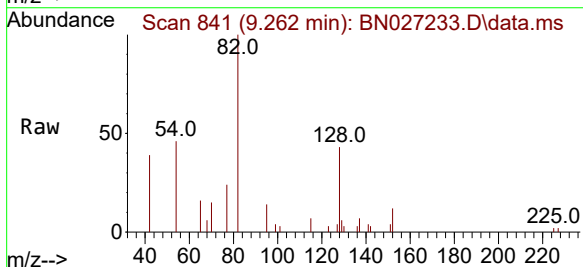
Instrument :
BNA_N
ClientSampleId :
PB155057BL

Tgt Ion:	136	Resp:	12836
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.8	6.7	10.1
68	7.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.416 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.000 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

Tgt Ion:	82	Resp:	3895
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.4	50.0
54	45.6	37.7	56.5

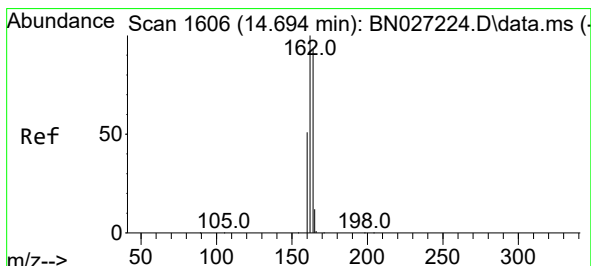
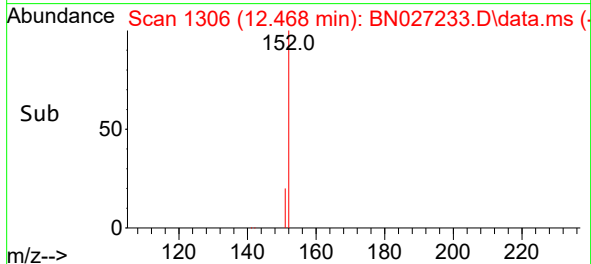
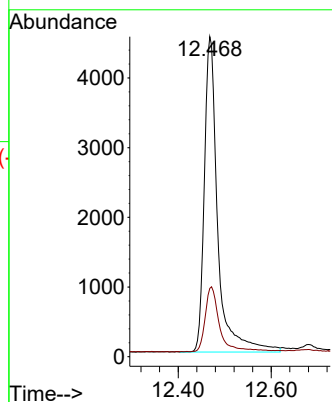
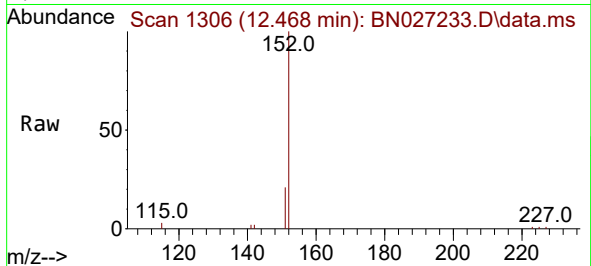




#11
2-Methylnaphthalene-d10
Concen: 0.480 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

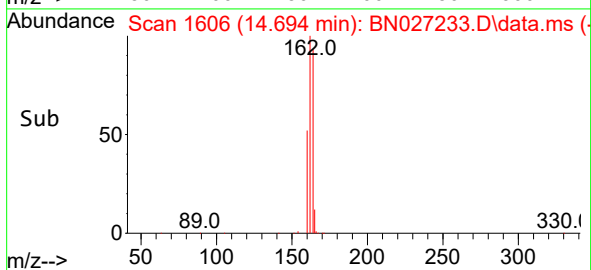
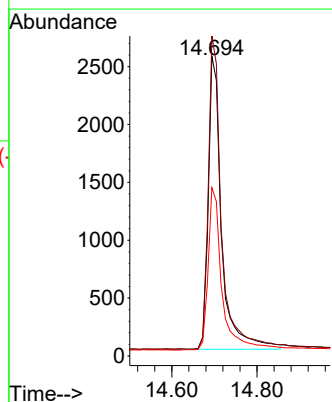
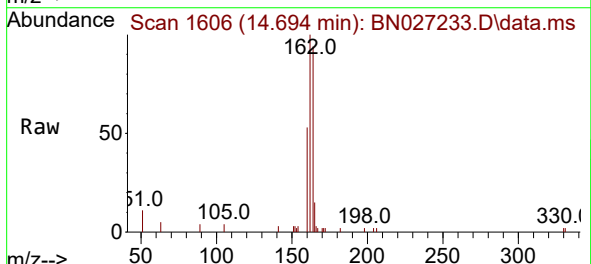
Instrument :
BNA_N
ClientSampleId :
PB155057BL

Tgt Ion:152 Resp: 9043
Ion Ratio Lower Upper
152 100
151 22.0 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: BN027233.D
Acq: 29 Aug 2023 09:58

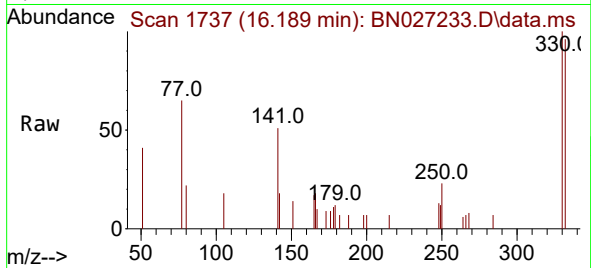
Tgt Ion:164 Resp: 5494
Ion Ratio Lower Upper
164 100
162 106.8 85.8 128.8
160 56.2 44.2 66.2



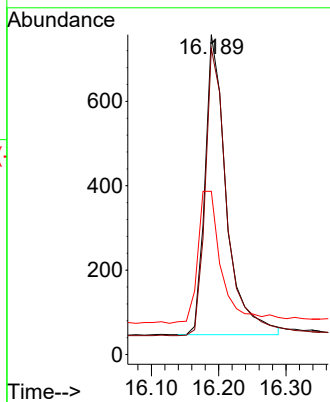
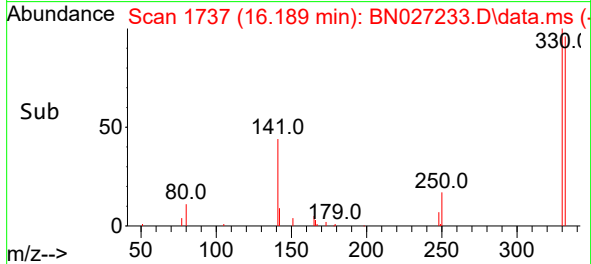


#14
2,4,6-Tribromophenol
Concen: 0.772 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

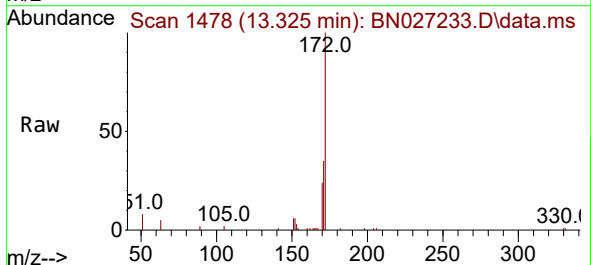
Instrument :
BNA_N
ClientSampleId :
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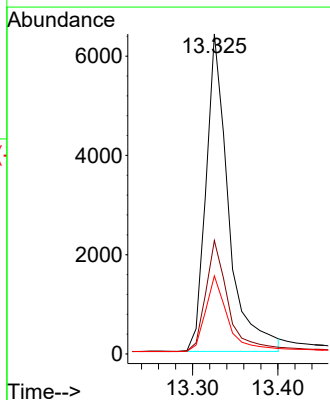
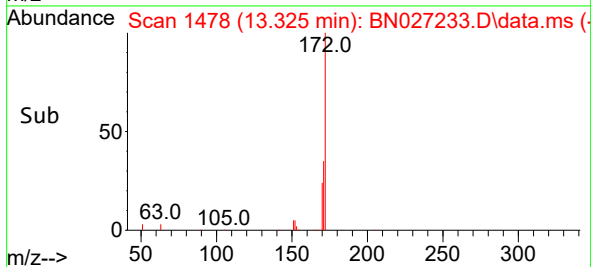
Tgt Ion:330 Resp: 1569
Ion Ratio Lower Upper
330 100
332 97.6 75.2 112.8
141 49.8 36.2 54.4

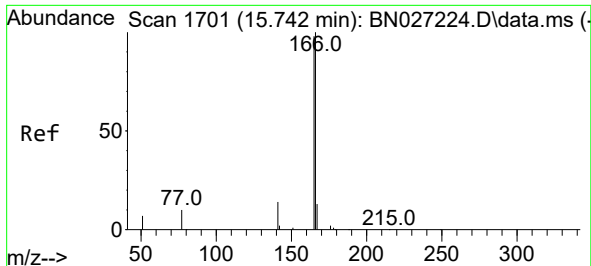


#15
2-Fluorobiphenyl
Concen: 0.564 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58



Tgt Ion:172 Resp: 11791
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 24.4 19.3 28.9

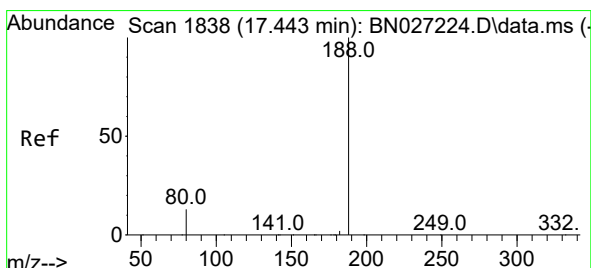
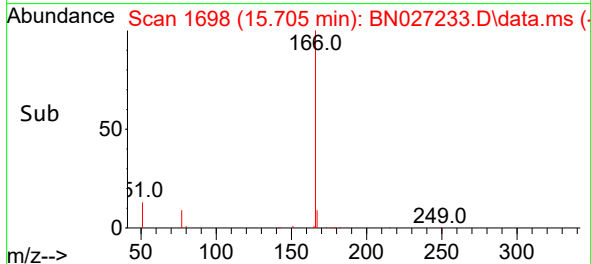
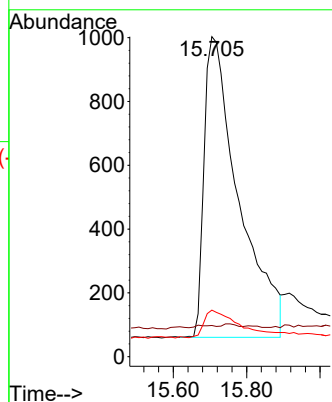
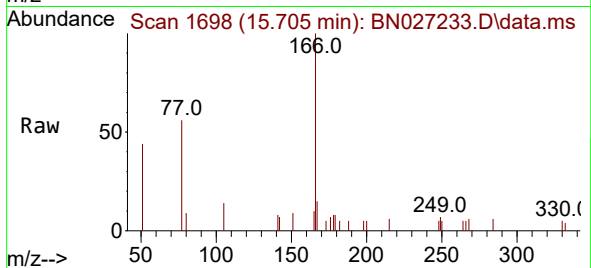




#18
Fluorene
Concen: 0.276 ng
RT: 15.705 min Scan# 1698
Delta R.T. -0.037 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

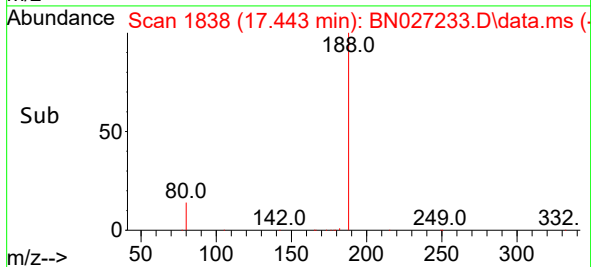
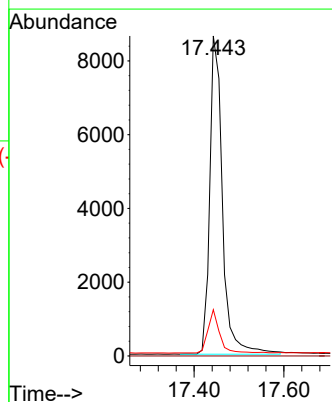
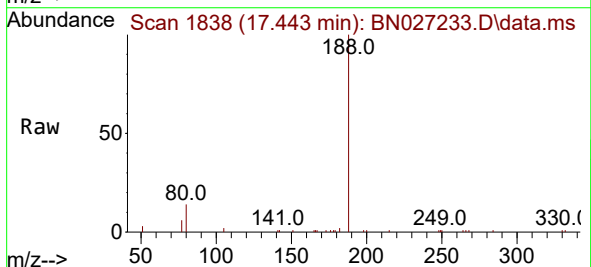
Instrument :
BNA_N
ClientSampleId :
PB155057BL

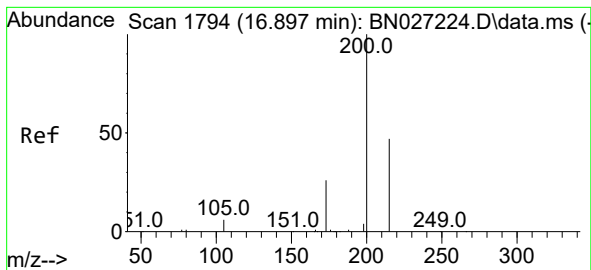
Tgt Ion:166 Resp: 6153
Ion Ratio Lower Upper
166 100
165 0.0 79.0 118.4#
167 9.5 10.8 16.2#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

Tgt Ion:188 Resp: 16915
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 11.0 16.6

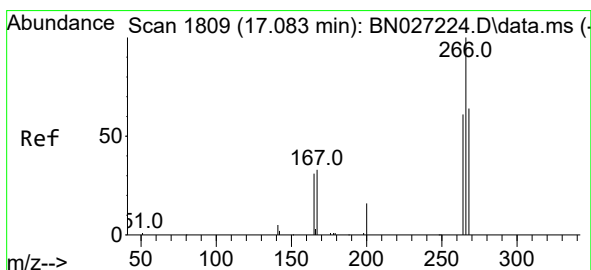
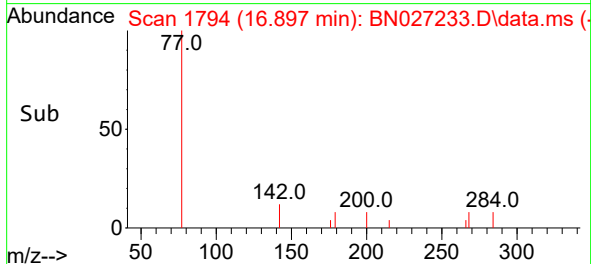
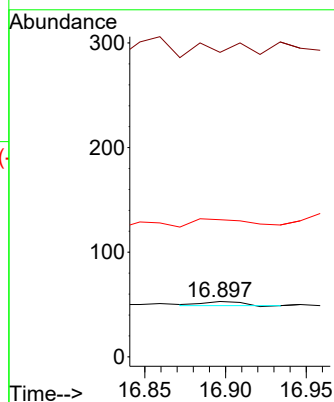
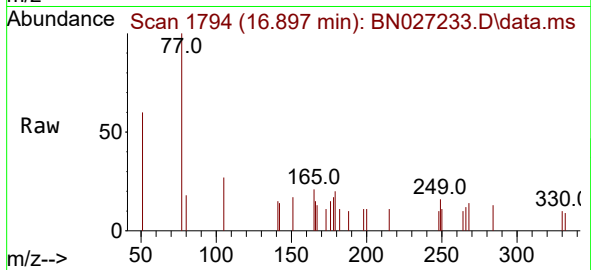




#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 16.897 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

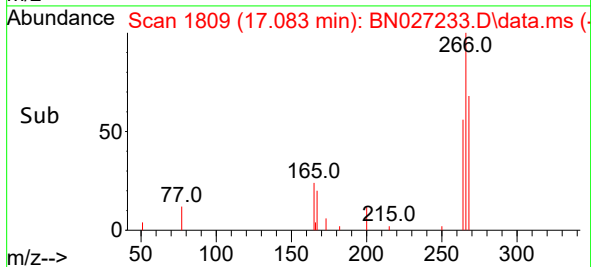
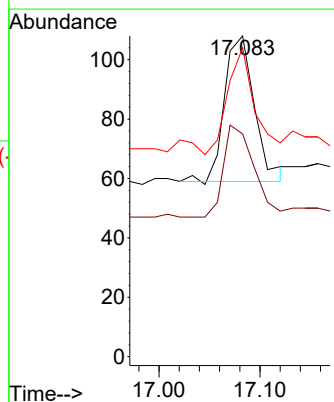
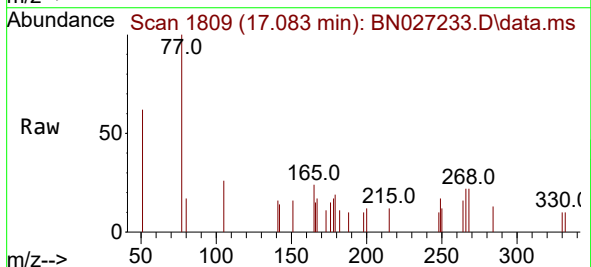
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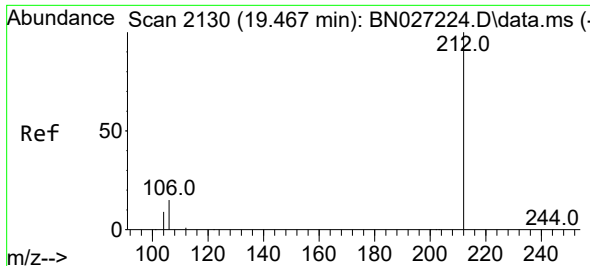
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 549.1 282.2 423.2#
105 247.2 168.7 253.1



#24
Pentachlorophenol
Concen: 0.025 ng
RT: 17.083 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

Tgt Ion:266 Resp: 101
Ion Ratio Lower Upper
266 100
264 66.3 50.3 75.5
268 67.3 52.0 78.0

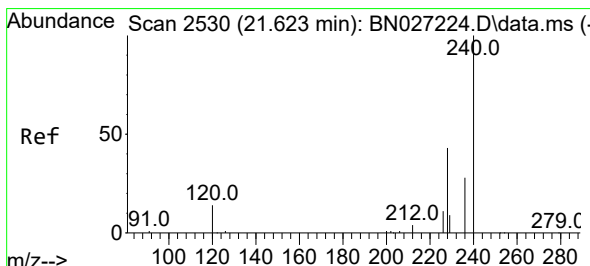
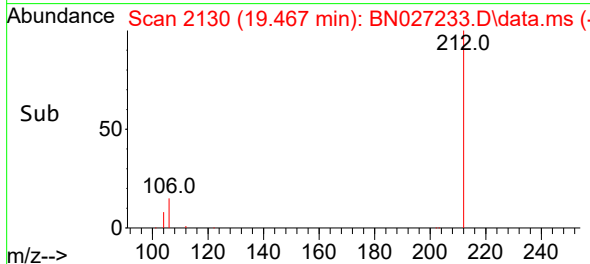
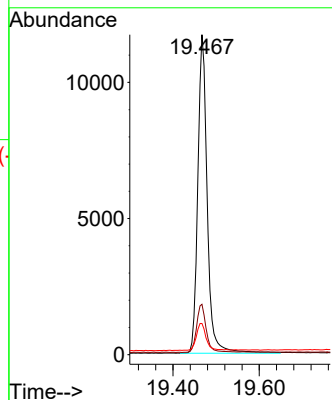
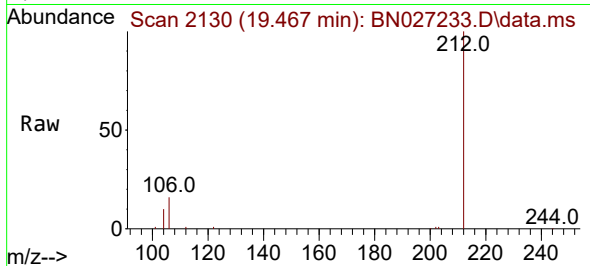




#27
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

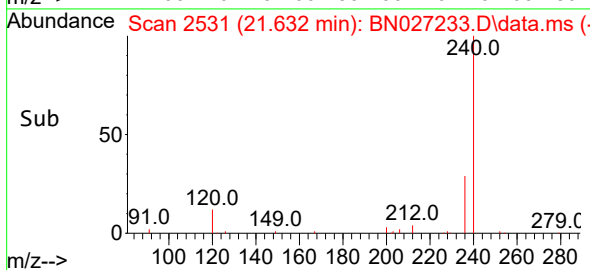
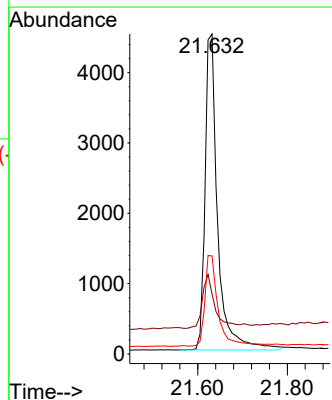
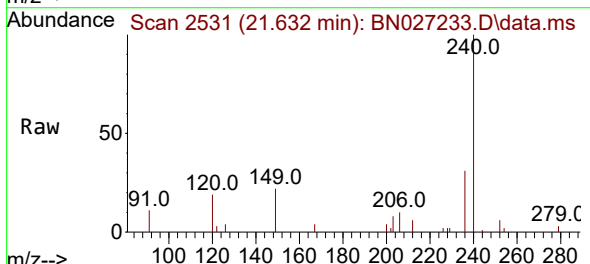
Instrument :
BNA_N
ClientSampleId :
PB155057BL

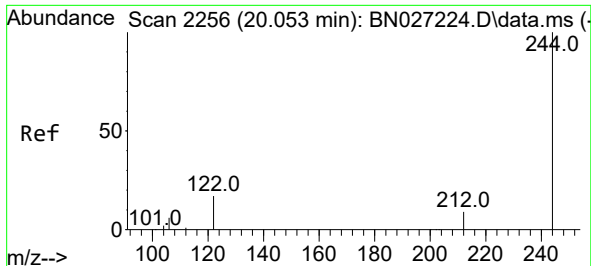
Tgt Ion:212 Resp: 17703
Ion Ratio Lower Upper
212 100
106 15.4 12.1 18.1
104 8.6 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2531
Delta R.T. 0.009 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

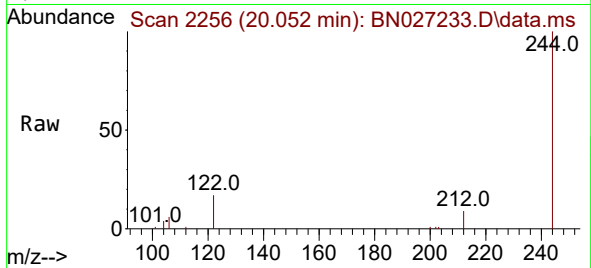
Tgt Ion:240 Resp: 8775
Ion Ratio Lower Upper
240 100
120 18.7 14.2 21.4
236 30.6 22.9 34.3



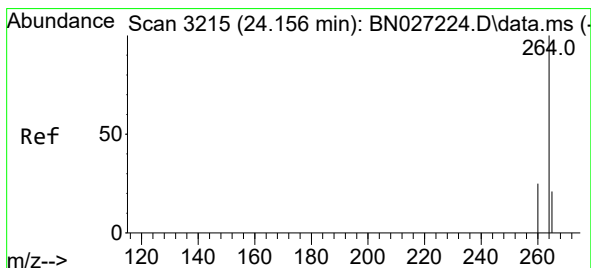
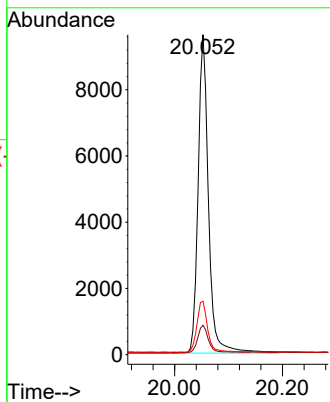
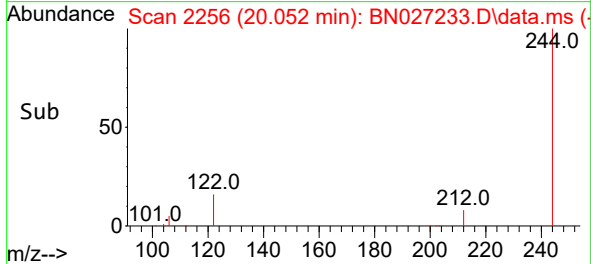


#31
 Terphenyl-d14
 Concen: 0.728 ng
 RT: 20.052 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN027233.D
 Acq: 29 Aug 2023 09:58

Instrument :
 BNA_N
 ClientSampleId :
 PB155057BL

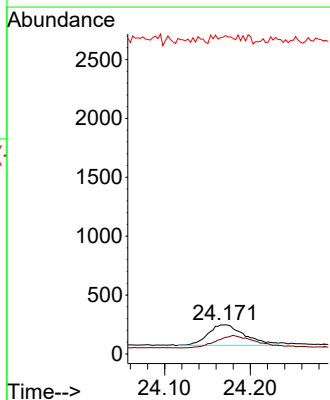
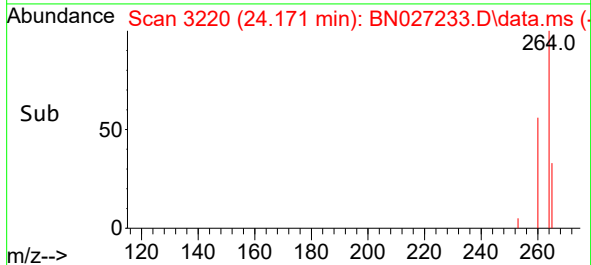
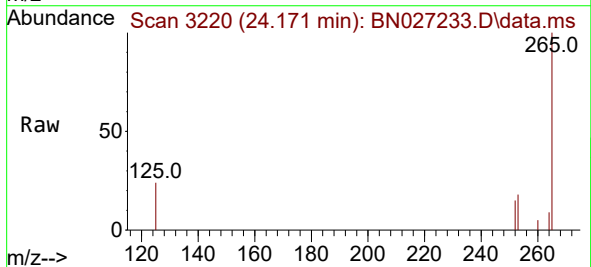


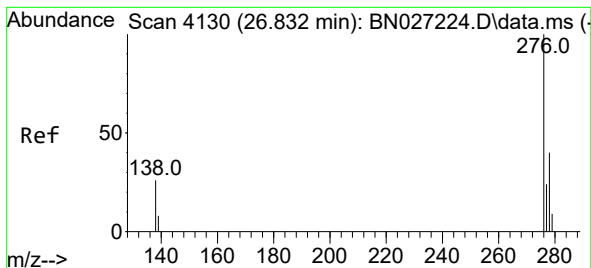
Tgt Ion:244 Resp: 12838
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.5 11.3
 122 16.7 14.0 21.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.171 min Scan# 3220
 Delta R.T. 0.015 min
 Lab File: BN027233.D
 Acq: 29 Aug 2023 09:58

Tgt Ion:264 Resp: 524
 Ion Ratio Lower Upper
 264 100
 260 57.1 20.7 31.1#
 265 1094.7 53.3 79.9#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng

RT: 26.849 min Scan# 41

Delta R.T. 0.017 min

Lab File: BN027233.D

Acq: 29 Aug 2023 09:58

Instrument :

BNA_N

ClientSampleId :

PB155057BL

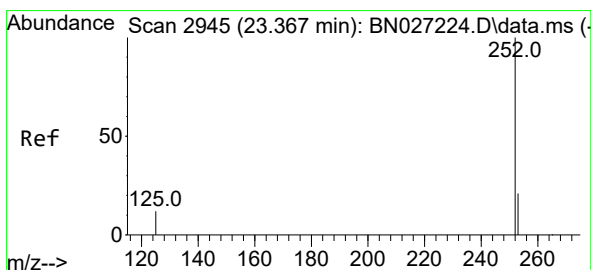
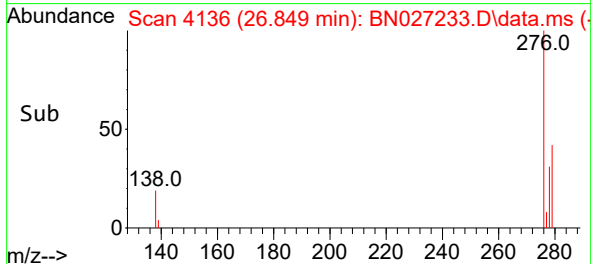
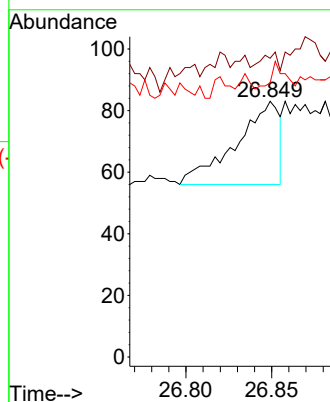
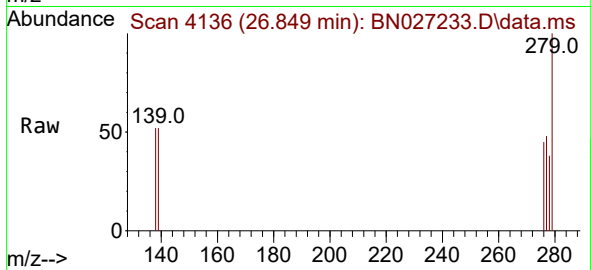
Tgt Ion:276 Resp: 48

Ion Ratio Lower Upper

276 100

138 10.4 23.4 35.2#

277 6.3 19.8 29.8#



#37

Benzo(b)fluoranthene

Concen: 0.047 ng

RT: 23.382 min Scan# 2950

Delta R.T. 0.015 min

Lab File: BN027233.D

Acq: 29 Aug 2023 09:58

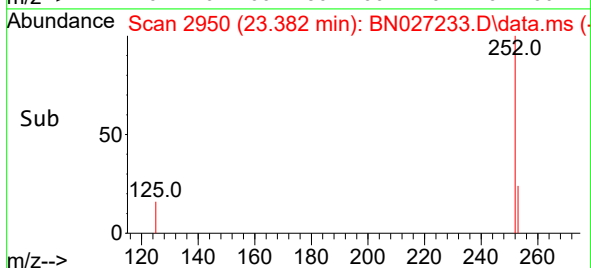
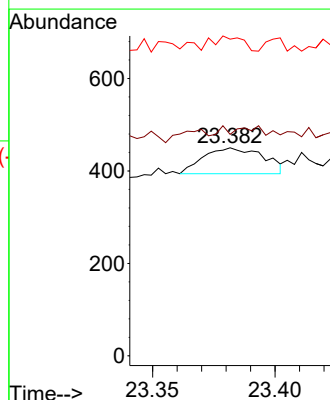
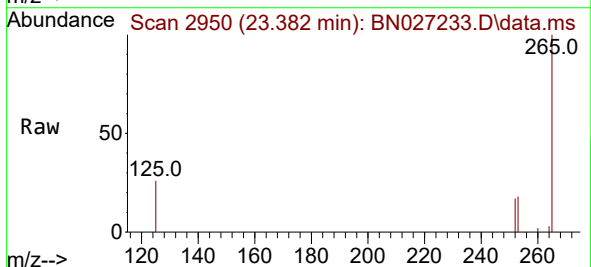
Tgt Ion:252 Resp: 96

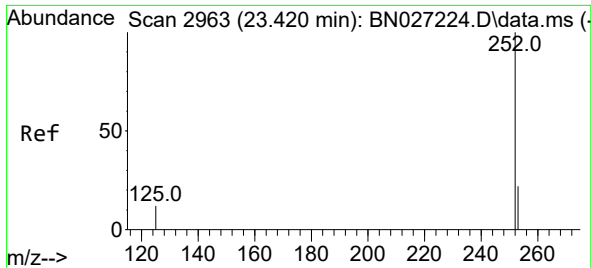
Ion Ratio Lower Upper

252 100

253 106.4 19.9 29.9#

125 152.2 13.8 20.6#

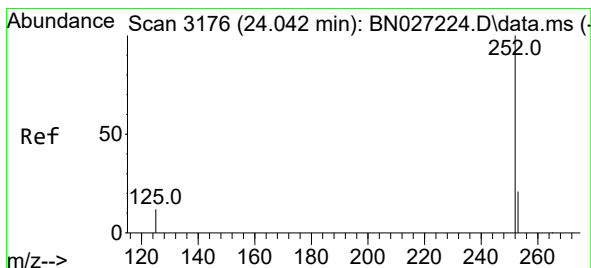
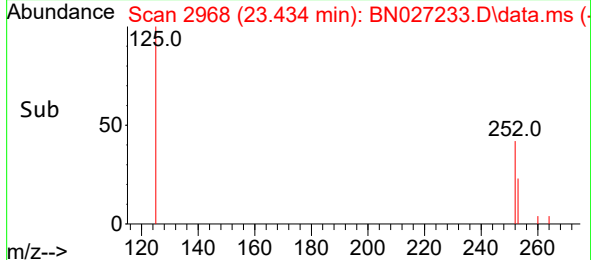
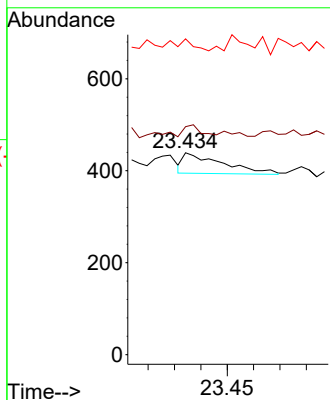
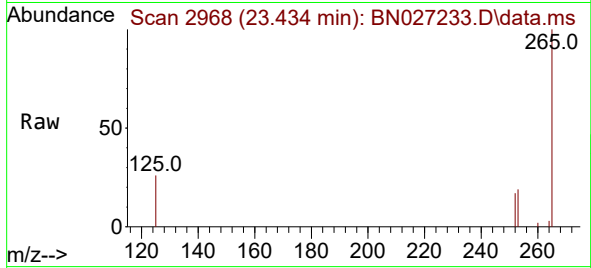




#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 23.434 min Scan# 2963
Delta R.T. 0.015 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

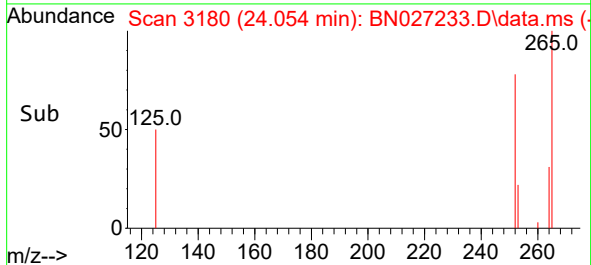
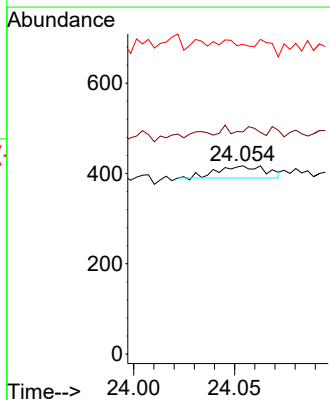
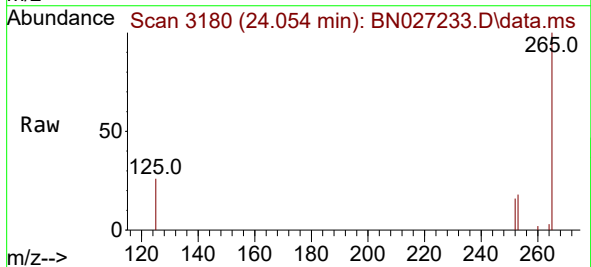
Instrument :
BNA_N
ClientSampleId :
PB155057BL

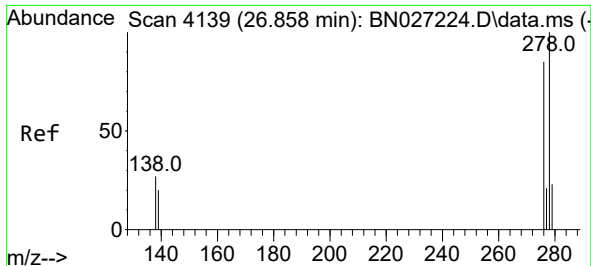
Tgt Ion:252 Resp: 47
Ion Ratio Lower Upper
252 100
253 113.0 20.2 30.2#
125 156.5 14.1 21.1#



#39
Benzo(a)pyrene
Concen: 0.023 ng
RT: 24.054 min Scan# 3180
Delta R.T. 0.012 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

Tgt Ion:252 Resp: 44
Ion Ratio Lower Upper
252 100
253 118.0 21.4 32.0#
125 164.5 16.5 24.7#

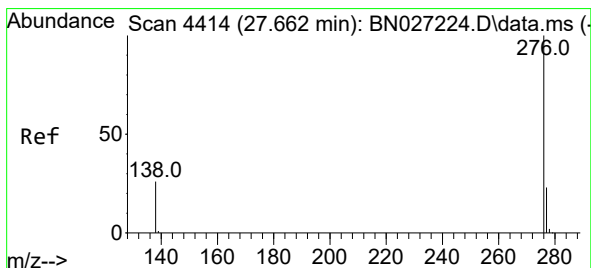
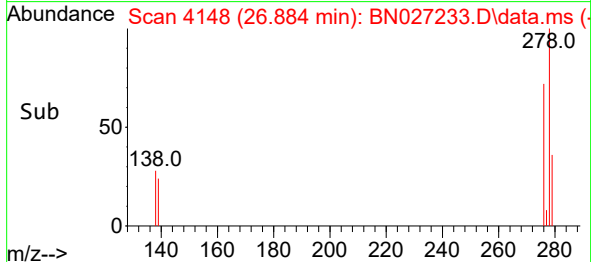
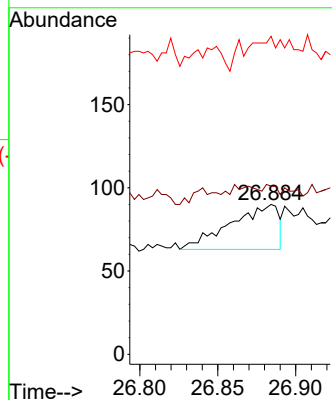
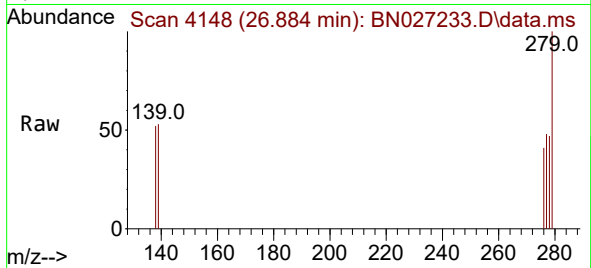




#40
Dibenzo(a,h)anthracene
Concen: 0.035 ng
RT: 26.884 min Scan# 4139
Delta R.T. 0.026 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

Instrument :
BNA_N
ClientSampleId :
PB155057BL

Tgt Ion:278 Resp: 58
Ion Ratio Lower Upper
278 100
139 112.2 17.9 26.9#
279 212.2 21.8 32.6#



#41
Benzo(g,h,i)perylene
Concen: 0.024 ng
RT: 27.688 min Scan# 4423
Delta R.T. 0.026 min
Lab File: BN027233.D
Acq: 29 Aug 2023 09:58

Tgt Ion:276 Resp: 46
Ion Ratio Lower Upper
276 100
277 113.8 19.6 29.4#
138 116.2 22.1 33.1#

