

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027300.D
 Acq On : 31 Aug 2023 08:58
 Operator : MA/JU
 Sample : 04126-03
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20230819

Quant Time: Aug 31 09:53:23 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

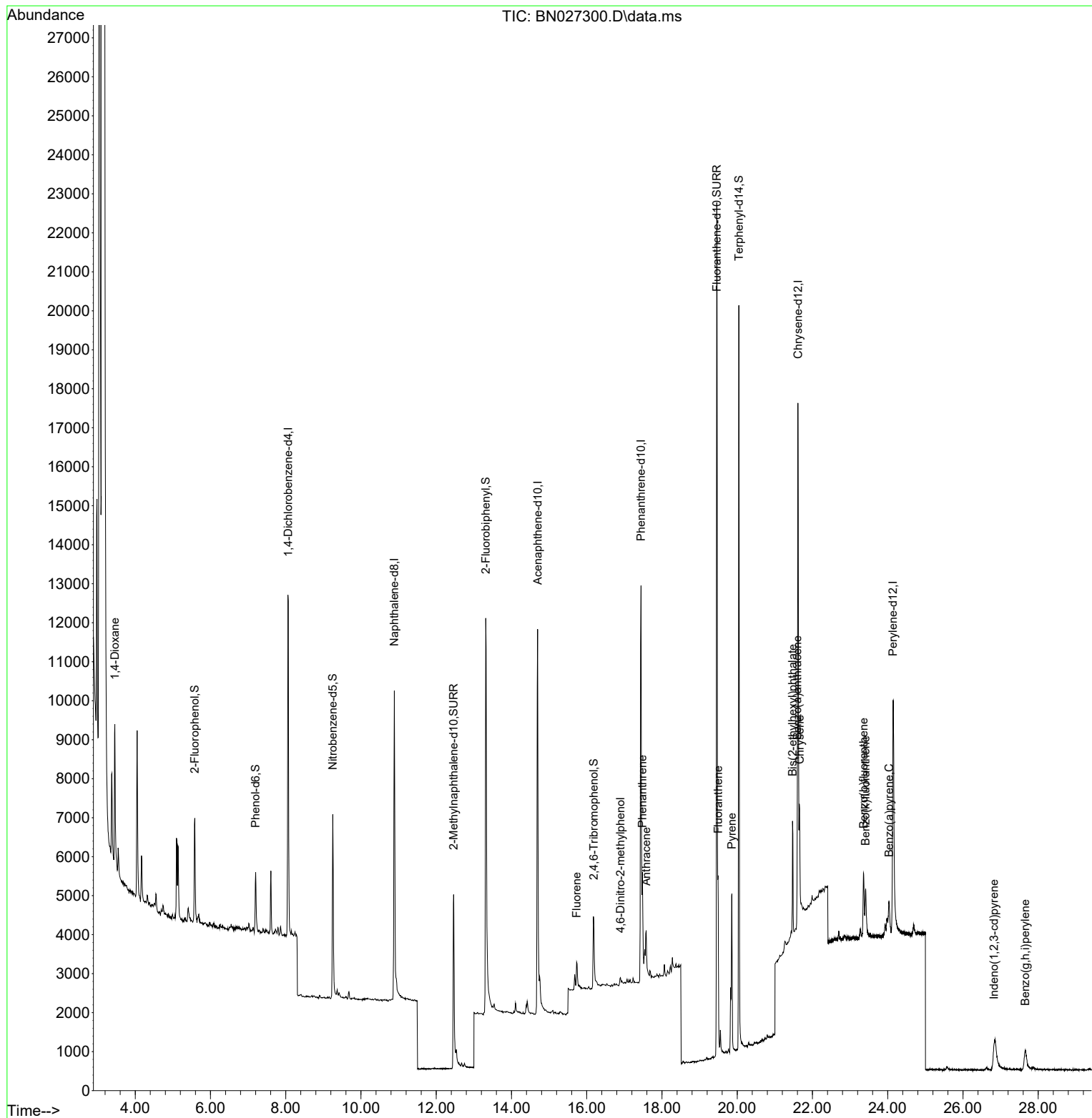
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4616	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	12010	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	7400	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	17304	0.400	ng	# 0.00
29) Chrysene-d12	21.614	240	14112	0.400	ng	0.00
35) Perylene-d12	24.142	264	11693	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	2428	0.202	ng	0.00
5) Phenol-d6	7.199	99	1670	0.114	ng	0.00
8) Nitrobenzene-d5	9.251	82	4323	0.494	ng	-0.01
11) 2-Methylnaphthalene-d10	12.460	152	8292	0.470	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1374	0.502	ng	0.00
15) 2-Fluorobiphenyl	13.315	172	12542	0.446	ng	-0.01
27) Fluoranthene-d10	19.458	212	25468	0.592	ng	0.00
31) Terphenyl-d14	20.043	244	19059	0.672	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	2967	0.527	ng	# 93
18) Fluorene	15.730	166	782	0.026	ng	100
20) 4,6-Dinitro-2-methylph...	16.897	198	5	0.020	ng	# 1
25) Phenanthrene	17.480	178	2621	0.052	ng	99
26) Anthracene	17.579	178	1726	0.040	ng	98
28) Fluoranthene	19.490	202	3769	0.063	ng	# 94
30) Pyrene	19.857	202	3814	0.068	ng	99
32) Benzo(a)anthracene	21.596	228	2508	0.052	ng	93
33) Chrysene	21.659	228	2558	0.048	ng	95
34) Bis(2-ethylhexyl)phtha...	21.471	149	3062	0.131	ng	97
36) Indeno(1,2,3-cd)pyrene	26.826	276	1797	0.038	ng	# 68
37) Benzo(b)fluoranthene	23.358	252	2602	0.057	ng	# 43
38) Benzo(k)fluoranthene	23.411	252	2028	0.044	ng	# 31
39) Benzo(a)pyrene	24.036	252	1654	0.039	ng	# 6
41) Benzo(g,h,i)perylene	27.656	276	1665	0.039	ng	# 63

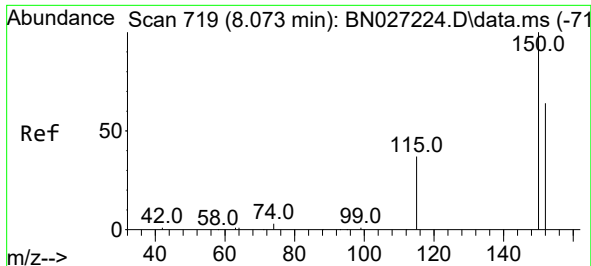
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027300.D
Acq On : 31 Aug 2023 08:58
Operator : MA/JU
Sample : 04126-03
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RE123D3-20230819

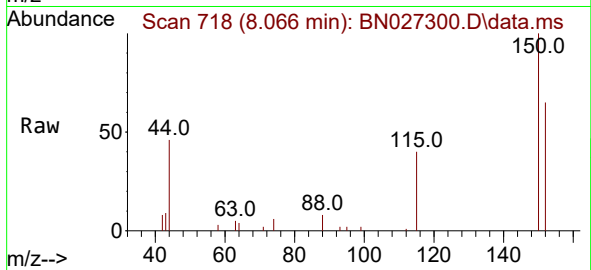
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



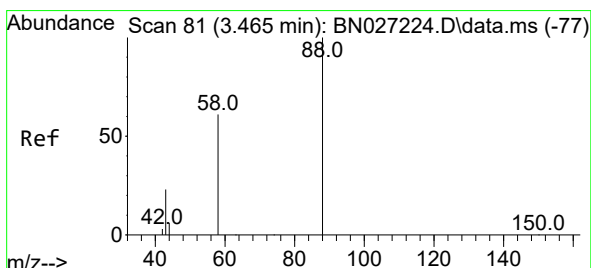
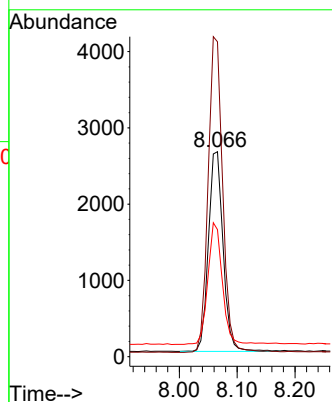
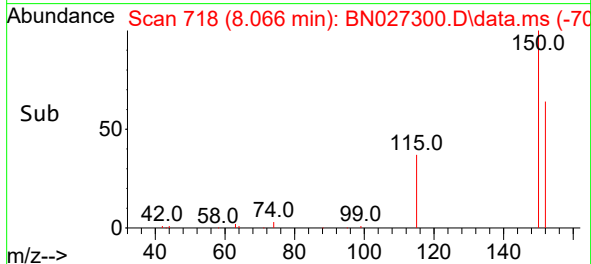


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027300.D
 Acq: 31 Aug 2023 08:58

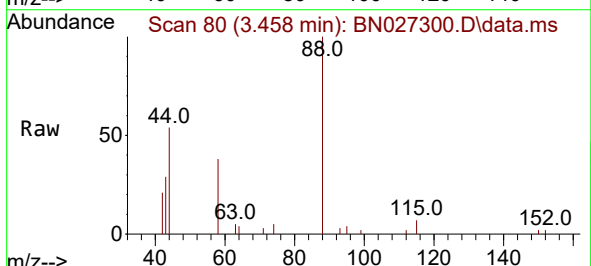
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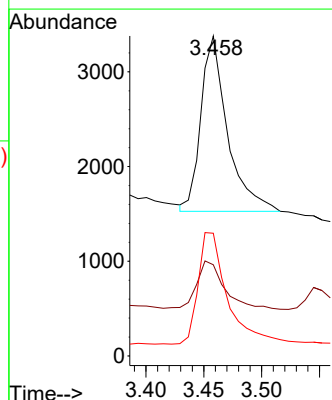
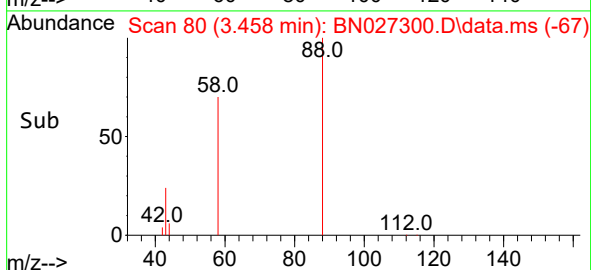
Tgt Ion:152 Resp: 4616
 Ion Ratio Lower Upper
 152 100
 150 153.6 122.7 184.1
 115 62.0 48.6 73.0

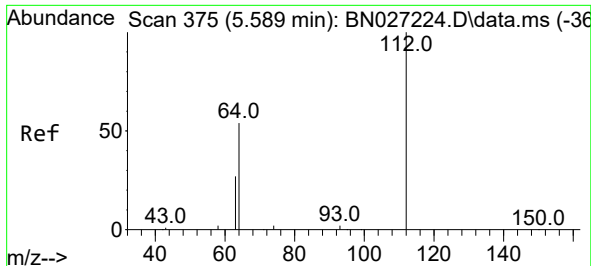


#2
 1,4-Dioxane
 Concen: 0.527 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027300.D
 Acq: 31 Aug 2023 08:58



Tgt Ion: 88 Resp: 2967
 Ion Ratio Lower Upper
 88 100
 43 28.7 19.1 28.7#
 58 69.5 52.2 78.2

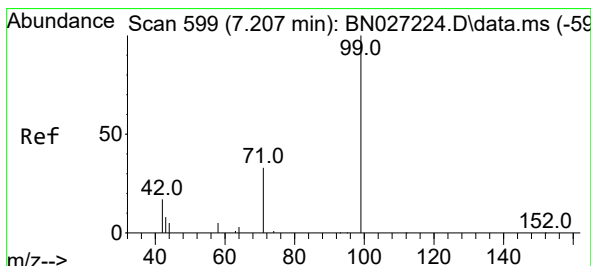
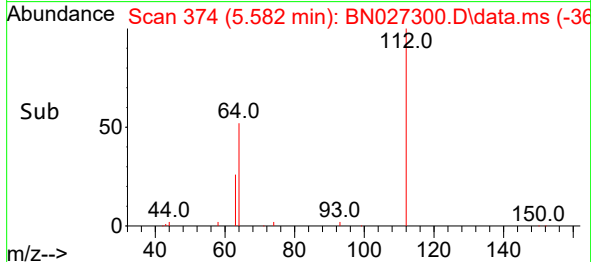
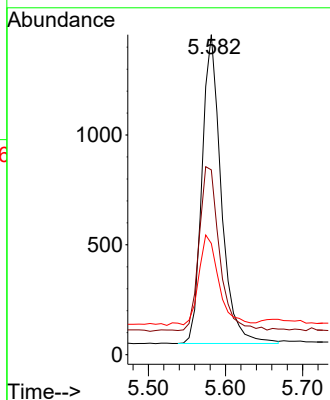
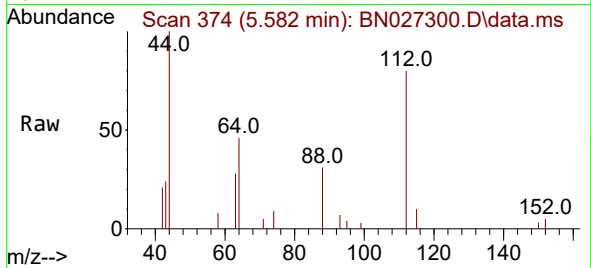




#4
2-Fluorophenol
Concen: 0.202 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

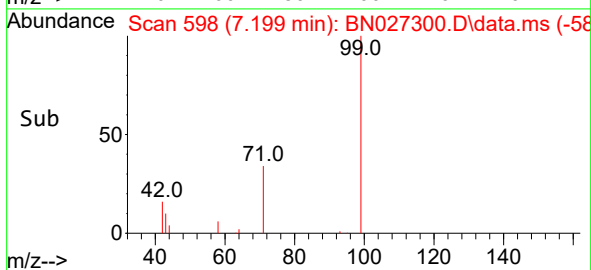
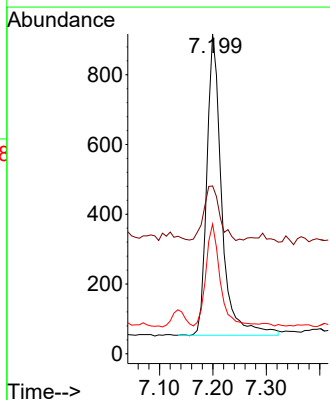
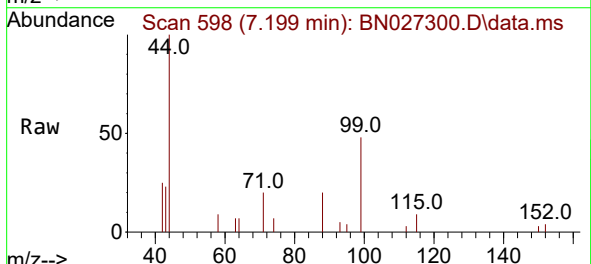
Instrument :
BNA_N
ClientSampleId :
RE123D3-20230819

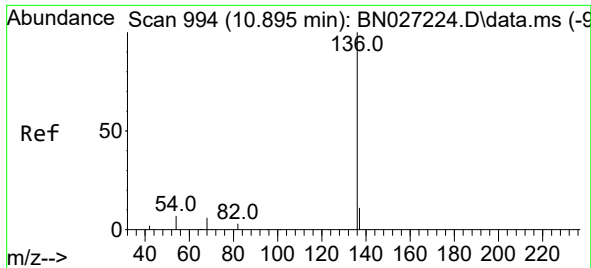
Tgt Ion:112 Resp: 2428
Ion Ratio Lower Upper
112 100
64 56.8 44.4 66.6
63 30.7 23.1 34.7



#5
Phenol-d6
Concen: 0.114 ng
RT: 7.199 min Scan# 598
Delta R.T. -0.007 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

Tgt Ion: 99 Resp: 1670
Ion Ratio Lower Upper
99 100
42 19.6 14.5 21.7
71 32.3 25.8 38.6

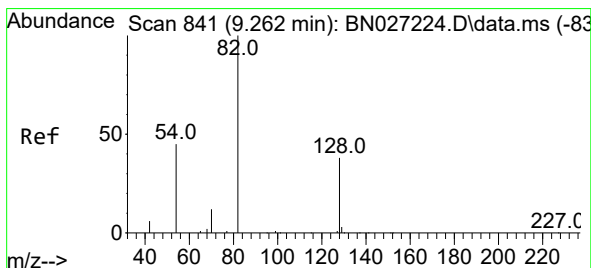
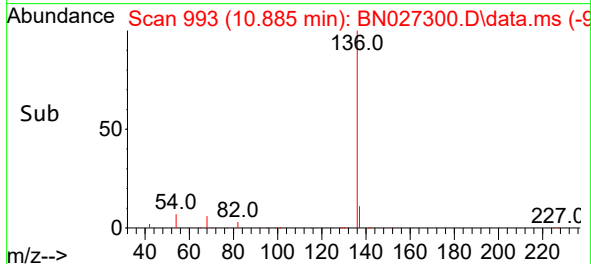
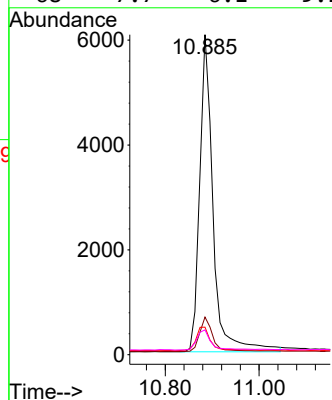
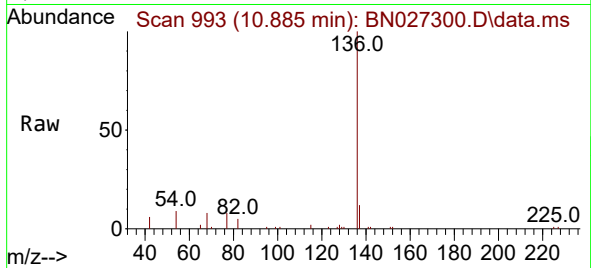




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. -0.011 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

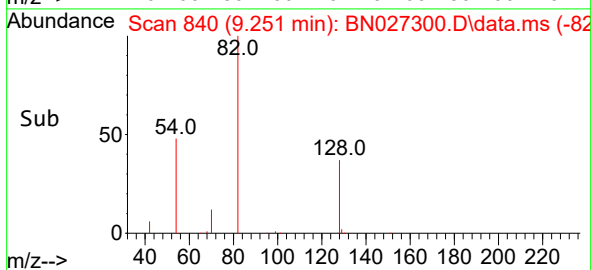
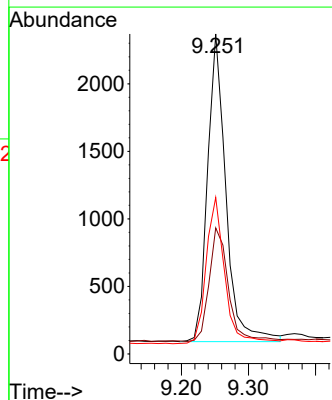
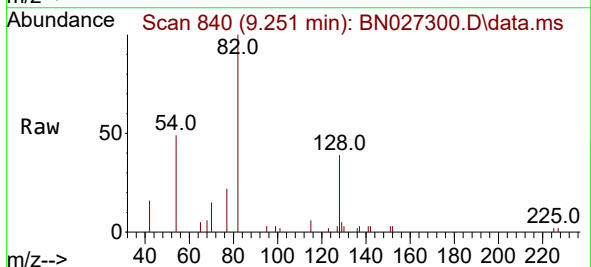
Instrument :
BNA_N
ClientSampleId :
RE123D3-20230819

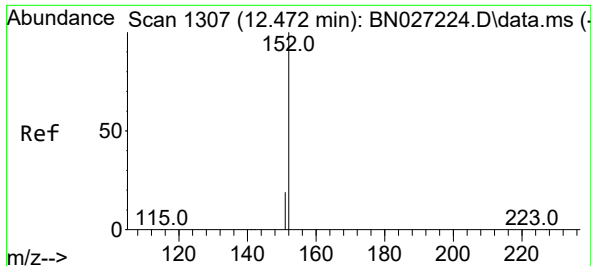
Tgt Ion:	136	Resp:	12010
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.3	13.9
54	8.6	6.7	10.1
68	7.7	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.494 ng
RT: 9.251 min Scan# 840
Delta R.T. -0.011 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

Tgt Ion:	82	Resp:	4323
Ion Ratio	Lower	Upper	
82	100		
128	39.4	33.4	50.0
54	48.9	37.7	56.5

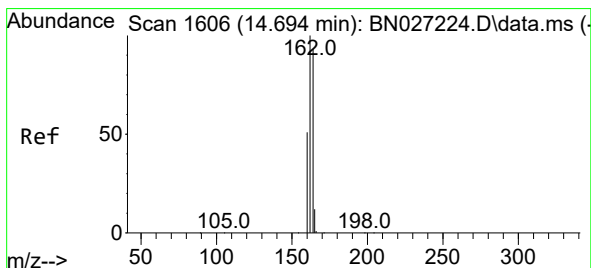
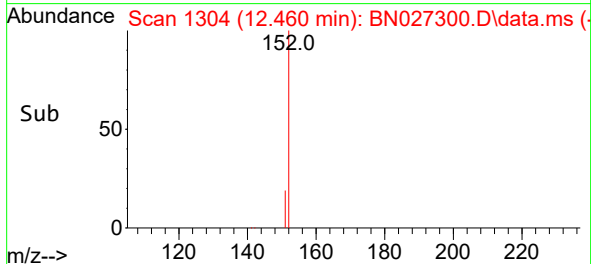
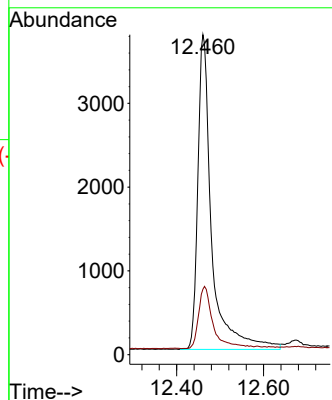
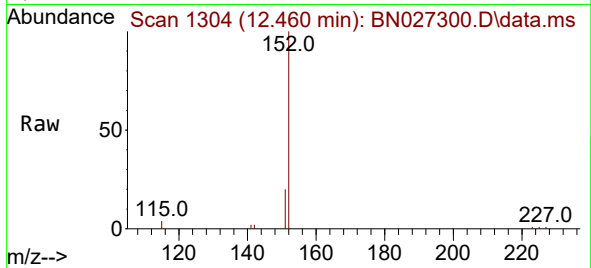




#11
2-Methylnaphthalene-d10
Concen: 0.470 ng
RT: 12.460 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

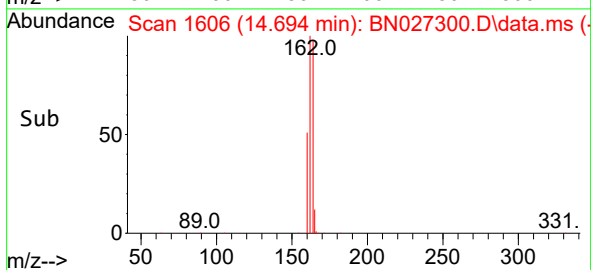
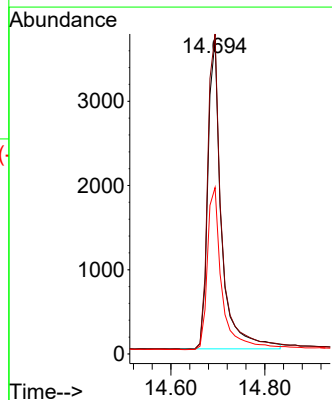
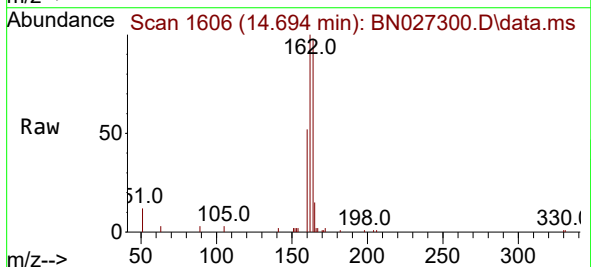
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ClientSampleId :
RE123D3-20230819

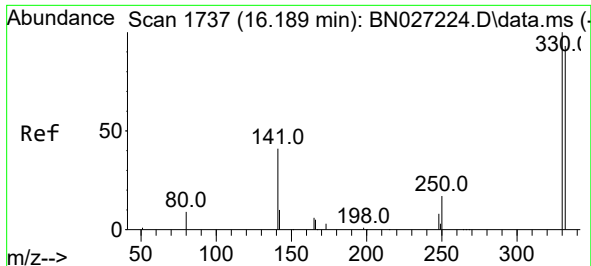
Tgt Ion:152 Resp: 8292
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

Tgt Ion:164 Resp: 7400
Ion Ratio Lower Upper
164 100
162 101.6 85.8 128.8
160 52.8 44.2 66.2

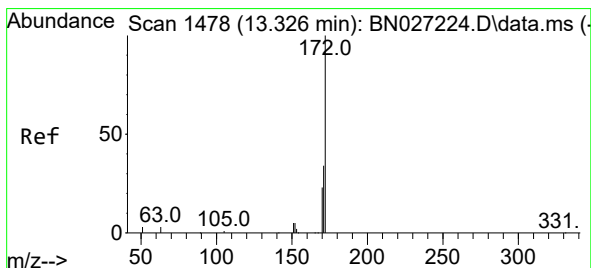
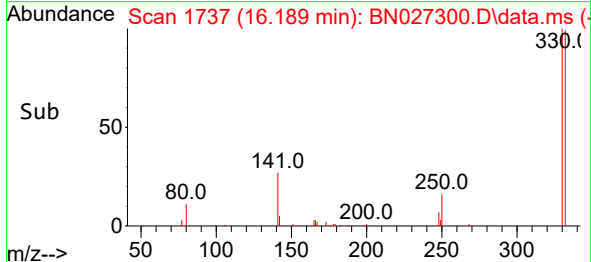
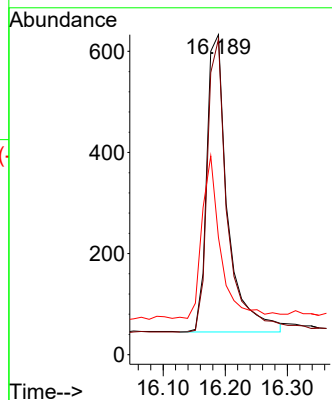
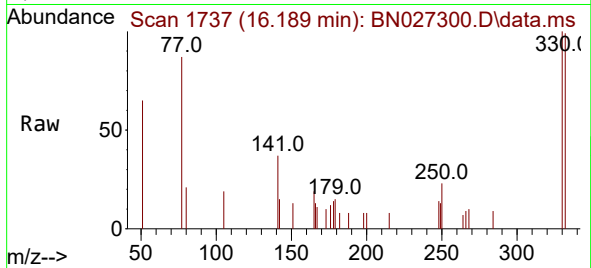




#14
2,4,6-Tribromophenol
Concen: 0.502 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

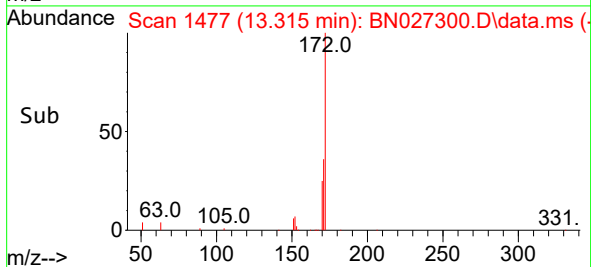
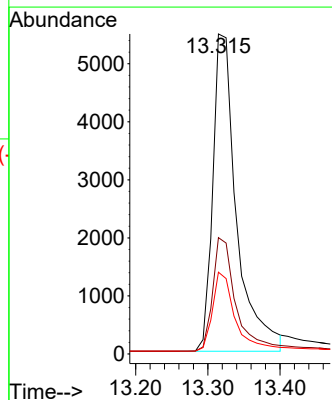
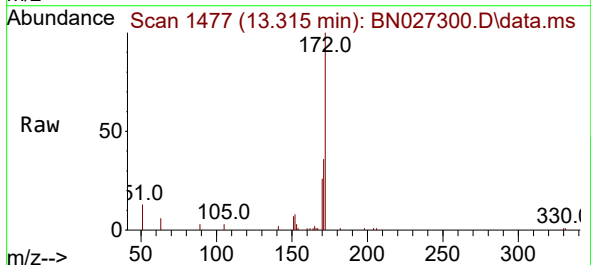
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BNA_N
ClientSampleId :
RE123D3-20230819

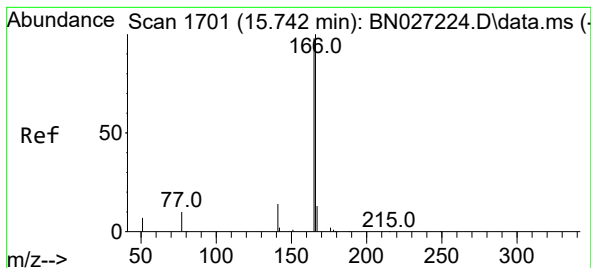
Tgt Ion:330 Resp: 1374
Ion Ratio Lower Upper
330 100
332 94.8 75.2 112.8
141 49.5 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.446 ng
RT: 13.315 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

Tgt Ion:172 Resp: 12542
Ion Ratio Lower Upper
172 100
171 36.4 27.8 41.8
170 25.6 19.3 28.9





#18

Fluorene

Concen: 0.026 ng

RT: 15.730 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN027300.D

Acq: 31 Aug 2023 08:58

Instrument :

BNA_N

ClientSampleId :

RE123D3-20230819

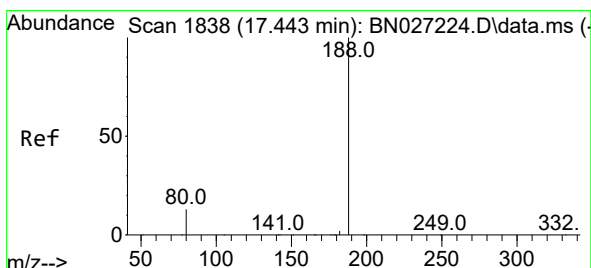
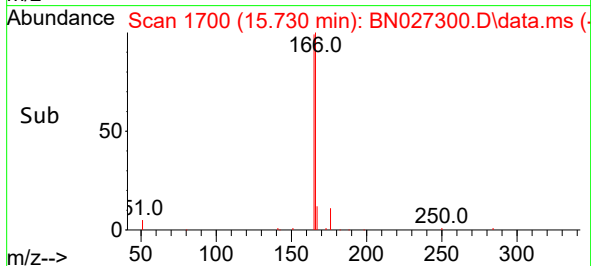
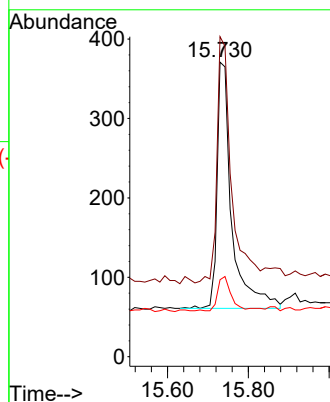
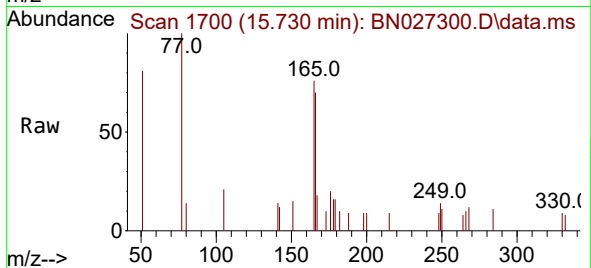
Tgt Ion:166 Resp: 782

Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.4

167 13.2 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: BN027300.D

Acq: 31 Aug 2023 08:58

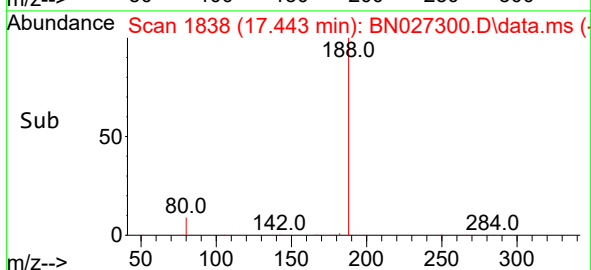
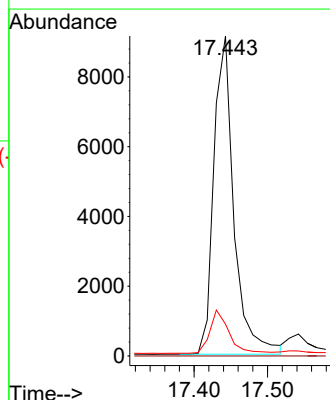
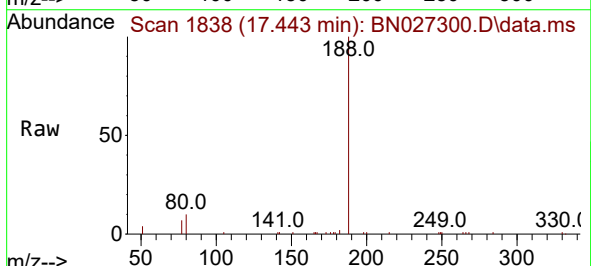
Tgt Ion:188 Resp: 17304

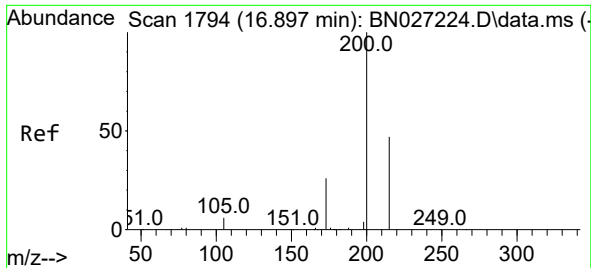
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 11.0 16.6#

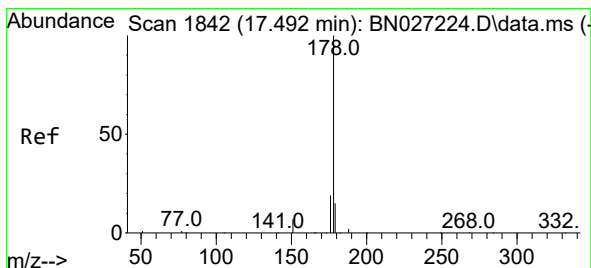
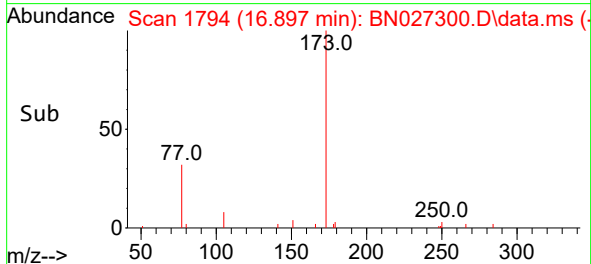
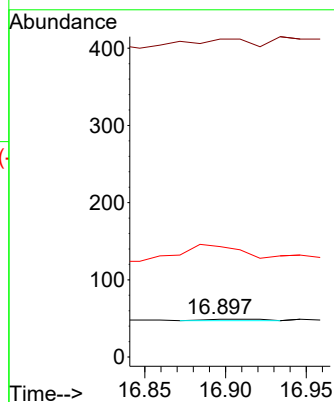
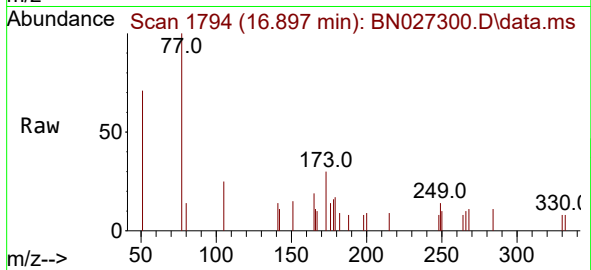




#20
4,6-Dinitro-2-methylphenol
Concen: 0.020 ng
RT: 16.897 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

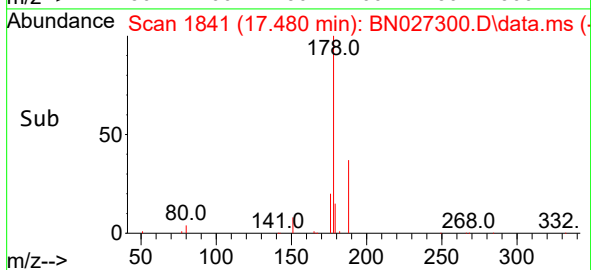
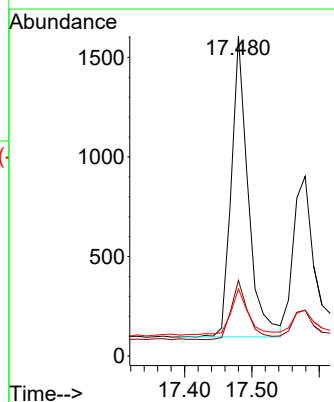
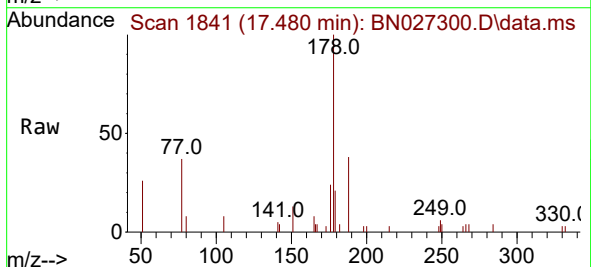
Instrument :
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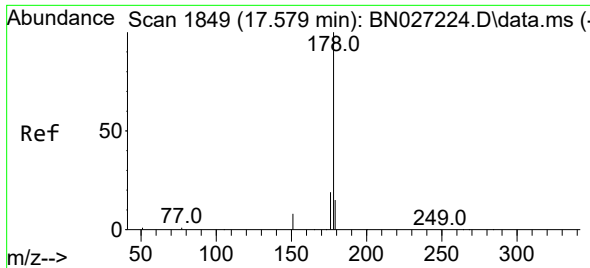
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 840.8 282.2 423.2#
105 291.8 168.7 253.1#



#25
Phenanthrene
Concen: 0.052 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

Tgt Ion:178 Resp: 2621
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.9 12.3 18.5

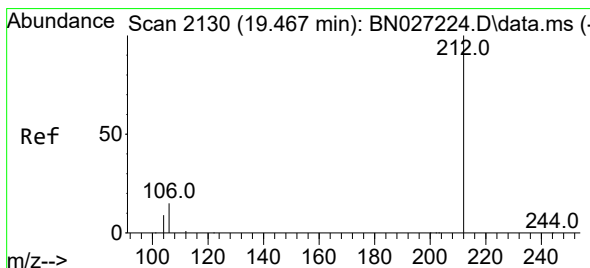
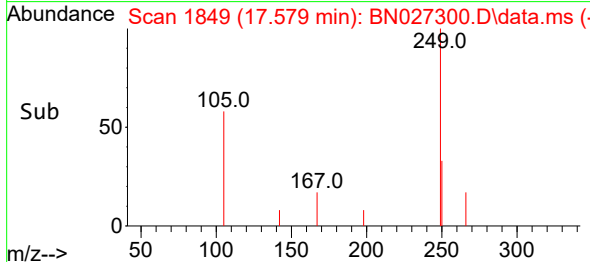
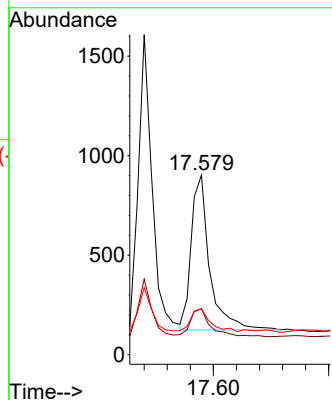
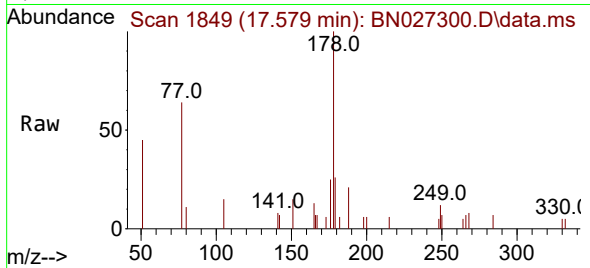




#26
 Anthracene
 Concen: 0.040 ng
 RT: 17.579 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN027300.D
 Acq: 31 Aug 2023 08:58

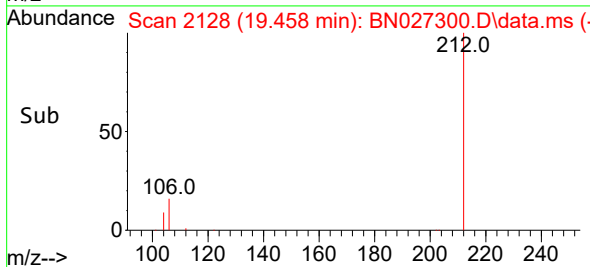
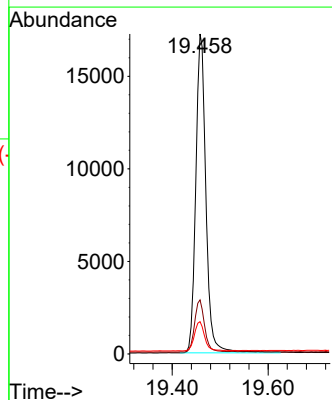
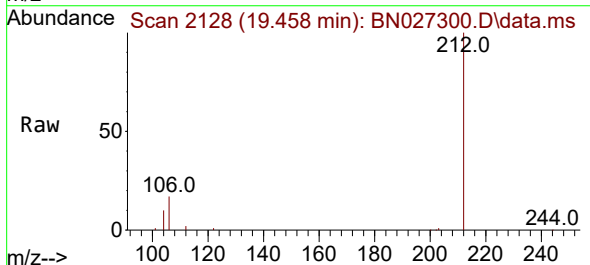
Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20230819

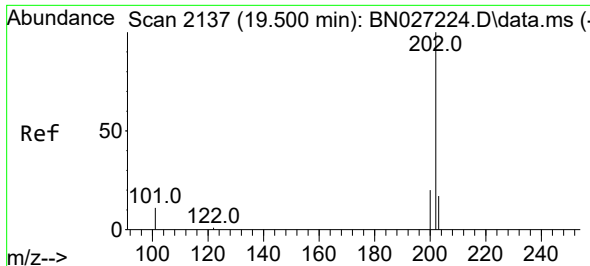
Tgt Ion:178 Resp: 1726
 Ion Ratio Lower Upper
 178 100
 176 19.9 14.9 22.3
 179 14.2 12.0 18.0



#27
 Fluoranthene-d10
 Concen: 0.592 ng
 RT: 19.458 min Scan# 2128
 Delta R.T. -0.009 min
 Lab File: BN027300.D
 Acq: 31 Aug 2023 08:58

Tgt Ion:212 Resp: 25468
 Ion Ratio Lower Upper
 212 100
 106 16.1 12.1 18.1
 104 9.4 6.9 10.3

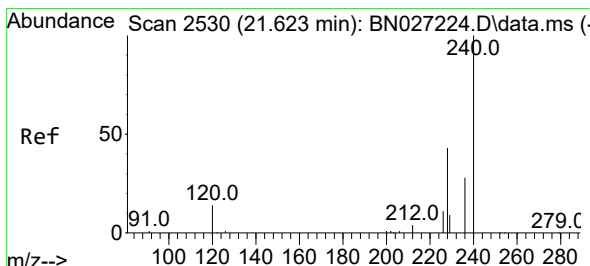
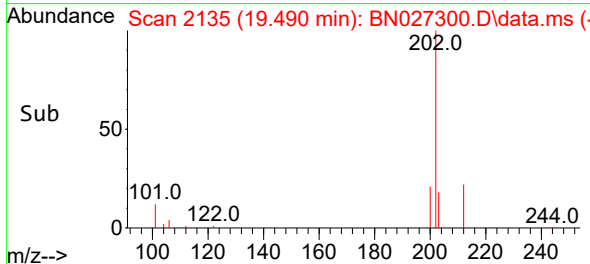
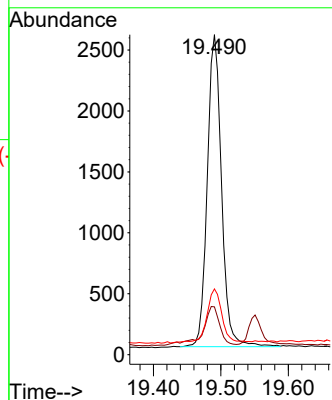
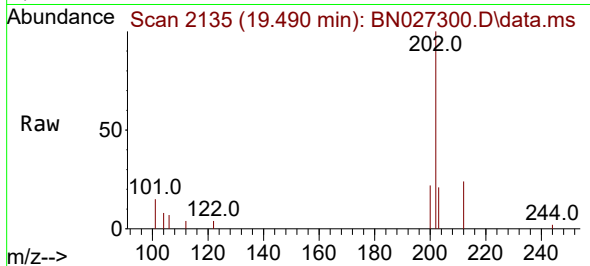




#28
Fluoranthene
Concen: 0.063 ng
RT: 19.490 min Scan# 2137
Delta R.T. -0.009 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

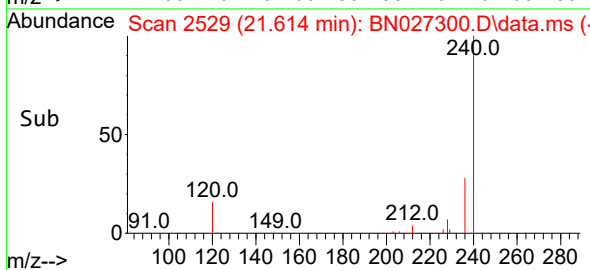
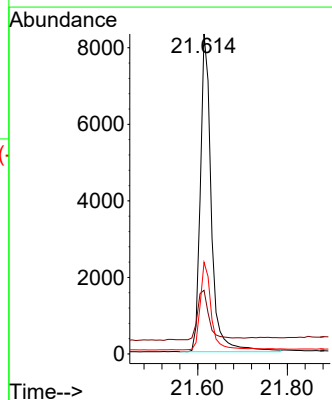
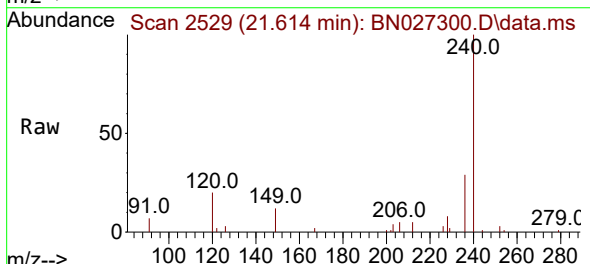
Instrument :
BNA_N
ClientSampleId :
RE123D3-20230819

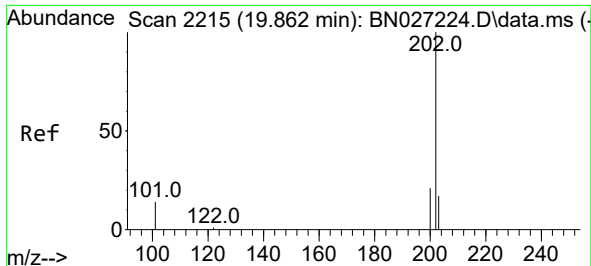
Tgt Ion:202 Resp: 3769
Ion Ratio Lower Upper
202 100
101 15.3 9.6 14.4#
203 18.7 13.6 20.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.614 min Scan# 2529
Delta R.T. -0.009 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

Tgt Ion:240 Resp: 14112
Ion Ratio Lower Upper
240 100
120 19.9 14.2 21.4
236 28.7 22.9 34.3

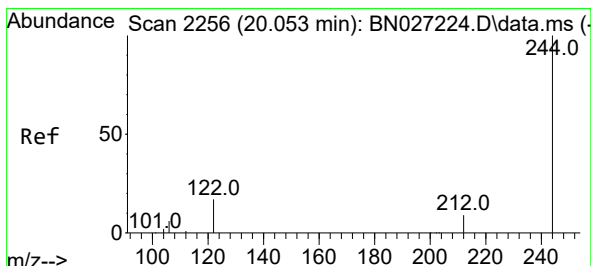
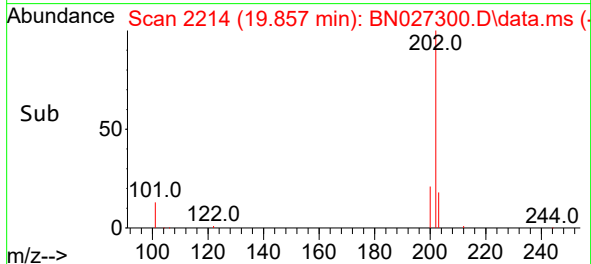
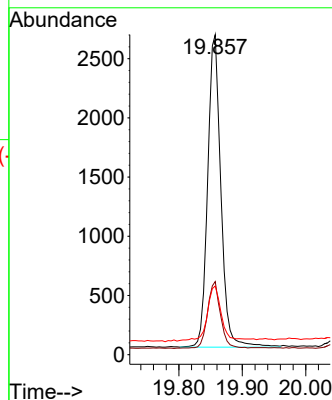
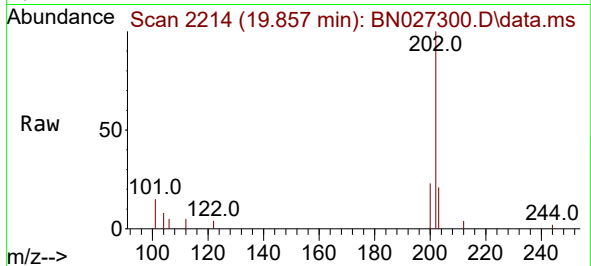




#30
Pyrene
Concen: 0.068 ng
RT: 19.857 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

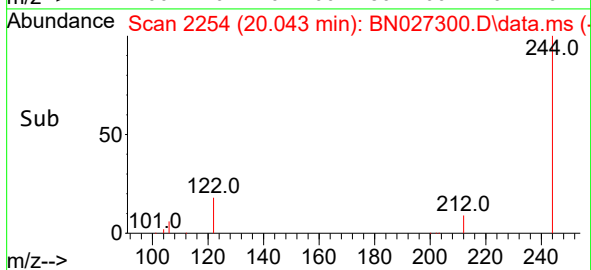
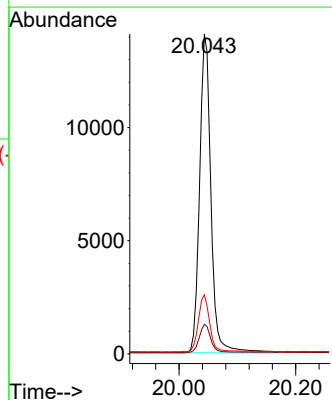
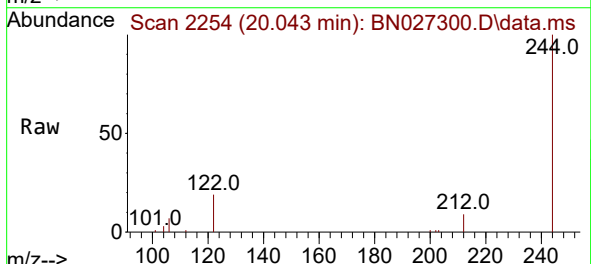
Instrument :
BNA_N
ClientSampleId :
RE123D3-20230819

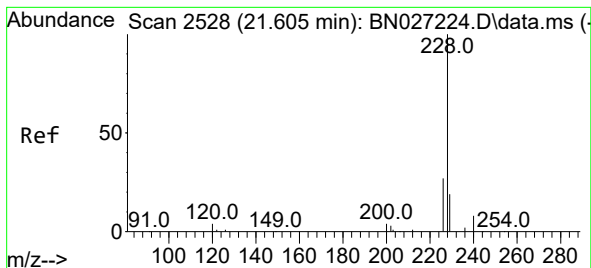
Tgt Ion:202 Resp: 3814
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 18.8 14.2 21.4



#31
Terphenyl-d14
Concen: 0.672 ng
RT: 20.043 min Scan# 2254
Delta R.T. -0.009 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

Tgt Ion:244 Resp: 19059
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 18.5 14.0 21.0





#32

Benzo(a)anthracene

Concen: 0.052 ng

RT: 21.596 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027300.D

Acq: 31 Aug 2023 08:58

Instrument :

BNA_N

ClientSampleId :

RE123D3-20230819

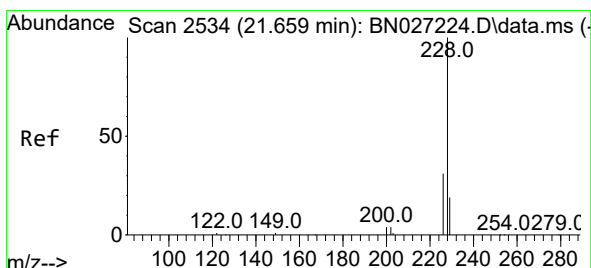
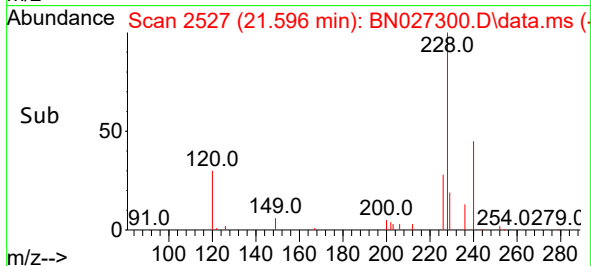
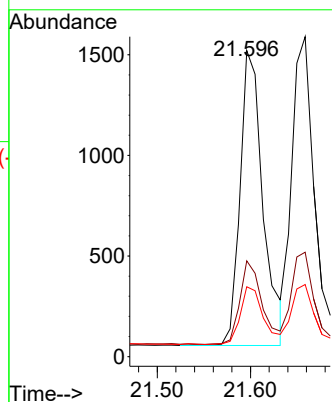
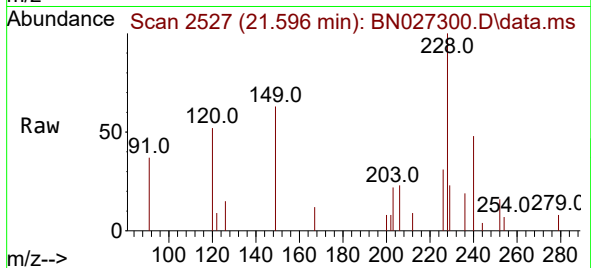
Tgt Ion:228 Resp: 2508

Ion Ratio Lower Upper

228 100

226 31.3 21.9 32.9

229 22.8 15.7 23.5



#33

Chrysene

Concen: 0.048 ng

RT: 21.659 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BN027300.D

Acq: 31 Aug 2023 08:58

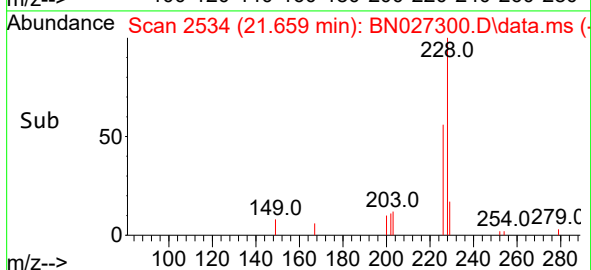
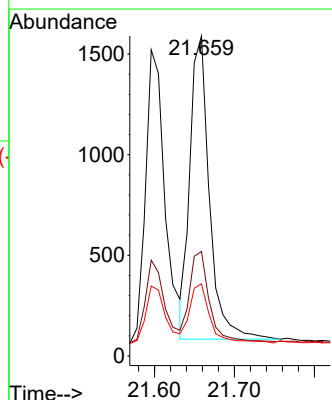
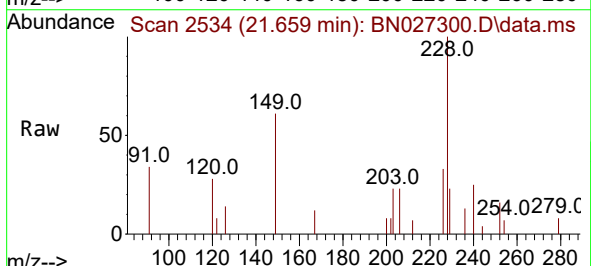
Tgt Ion:228 Resp: 2558

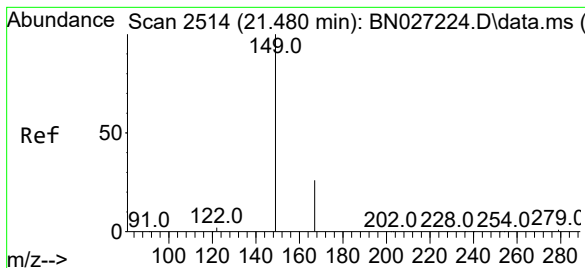
Ion Ratio Lower Upper

228 100

226 32.6 24.3 36.5

229 22.5 15.4 23.2

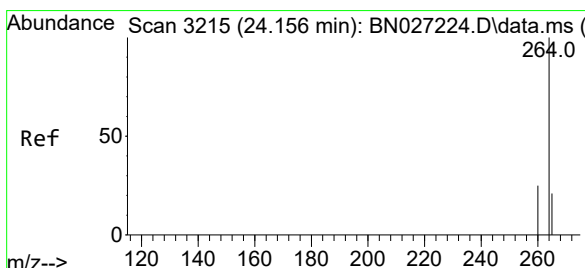
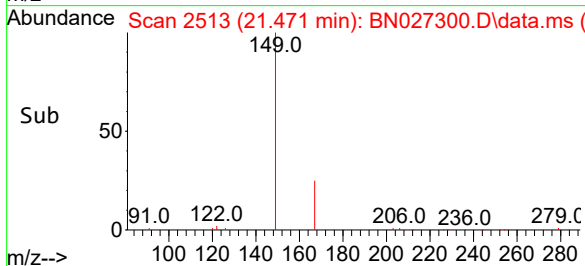
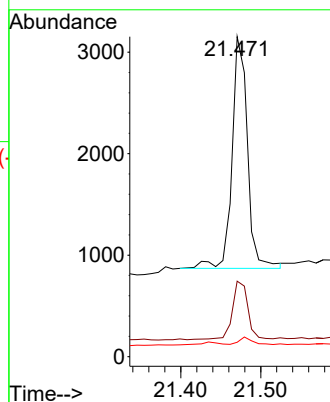
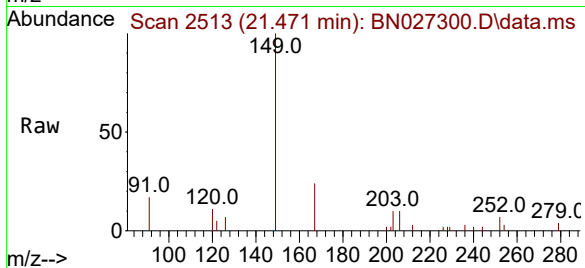




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.131 ng
 RT: 21.471 min Scan# 2140
 Delta R.T. -0.009 min
 Lab File: BN027300.D
 Acq: 31 Aug 2023 08:58

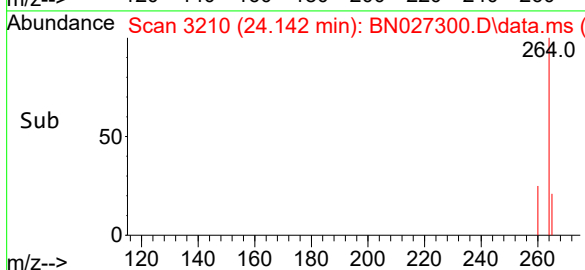
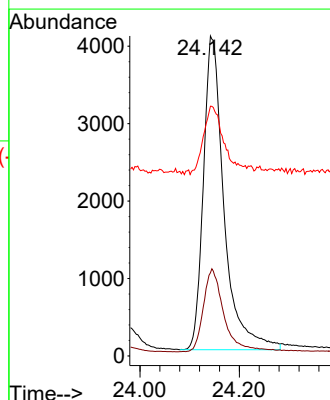
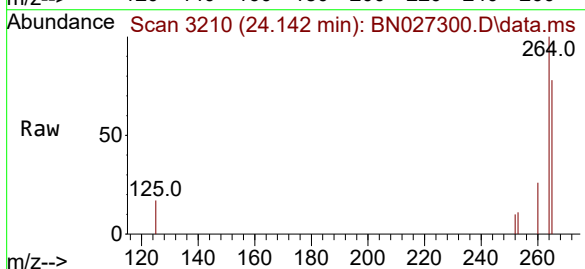
Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20230819

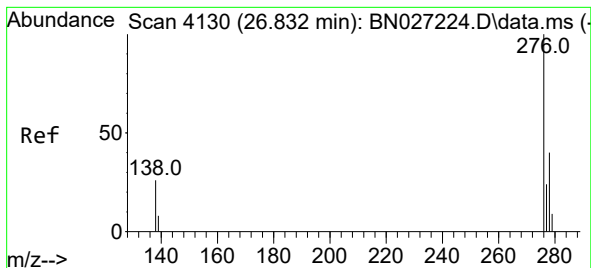
Tgt Ion:149 Resp: 3062
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.1 33.1
 279 2.9 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.142 min Scan# 3210
 Delta R.T. -0.015 min
 Lab File: BN027300.D
 Acq: 31 Aug 2023 08:58

Tgt Ion:264 Resp: 11693
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.7 31.1
 265 78.1 53.3 79.9

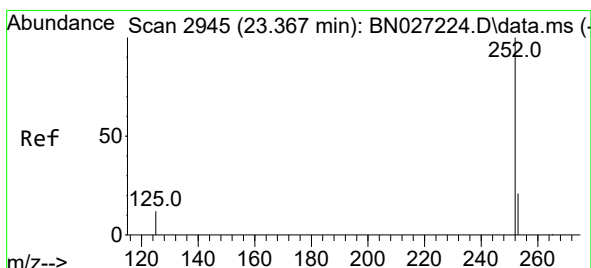
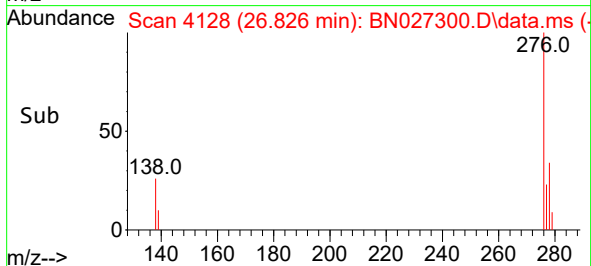
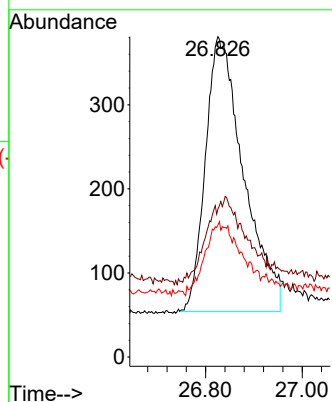
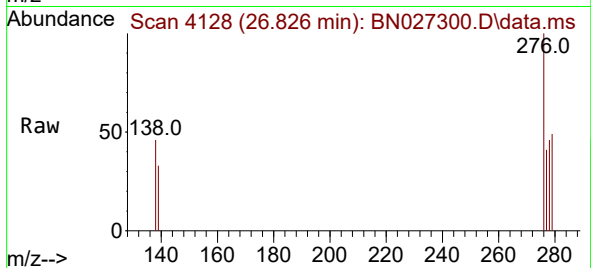




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng
RT: 26.826 min Scan# 4130
Delta R.T. -0.006 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

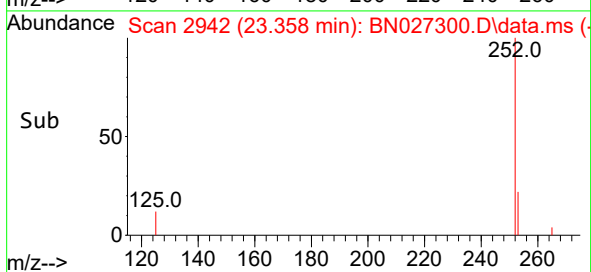
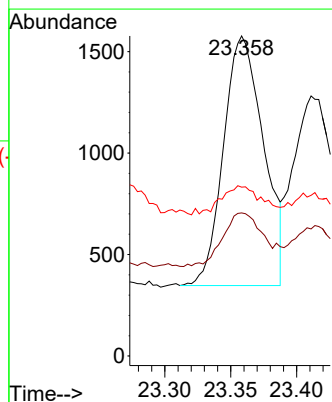
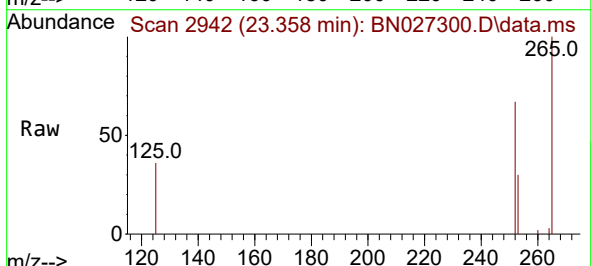
Instrument :
BNA_N
ClientSampleId :
RE123D3-20230819

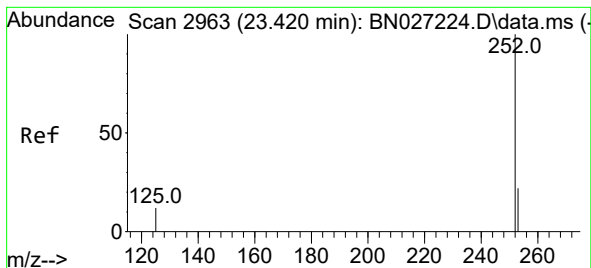
Tgt Ion:276 Resp: 1797
Ion Ratio Lower Upper
276 100
138 8.1 23.4 35.2#
277 12.8 19.8 29.8#



#37
Benzo(b)fluoranthene
Concen: 0.057 ng
RT: 23.358 min Scan# 2942
Delta R.T. -0.009 min
Lab File: BN027300.D
Acq: 31 Aug 2023 08:58

Tgt Ion:252 Resp: 2602
Ion Ratio Lower Upper
252 100
253 44.7 19.9 29.9#
125 52.8 13.8 20.6#





#38

Benzo(k)fluoranthene

Concen: 0.044 ng

RT: 23.411 min Scan# 2960

Delta R.T. -0.009 min

Lab File: BN027300.D

Acq: 31 Aug 2023 08:58

Instrument :

BNA_N

ClientSampleId :

RE123D3-20230819

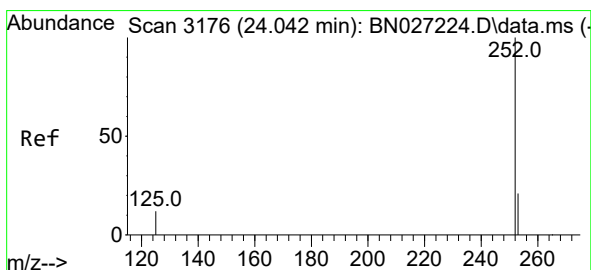
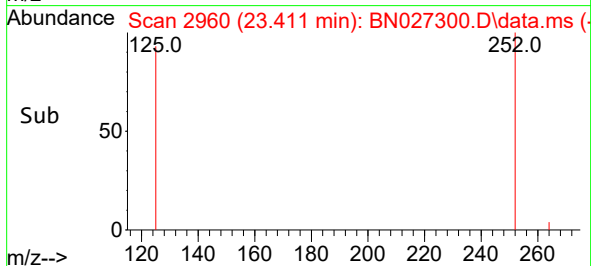
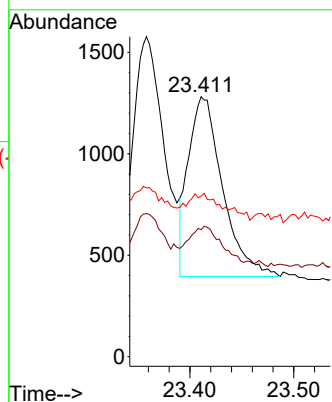
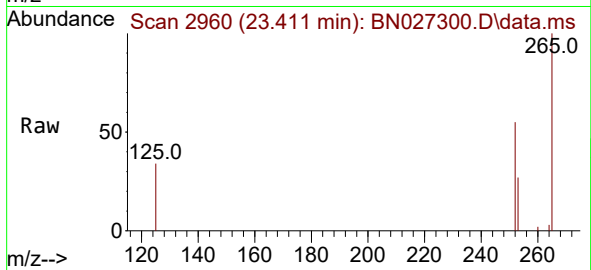
Tgt Ion:252 Resp: 2028

Ion Ratio Lower Upper

252 100

253 48.9 20.2 30.2#

125 61.8 14.1 21.1#



#39

Benzo(a)pyrene

Concen: 0.039 ng

RT: 24.036 min Scan# 3174

Delta R.T. -0.006 min

Lab File: BN027300.D

Acq: 31 Aug 2023 08:58

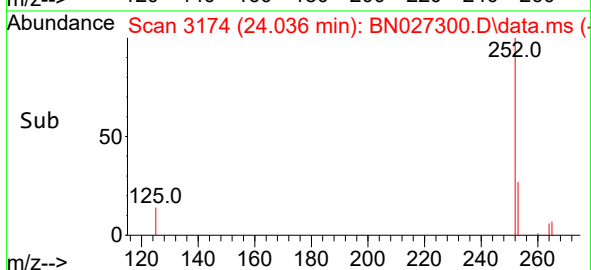
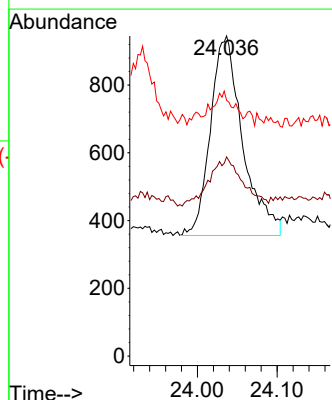
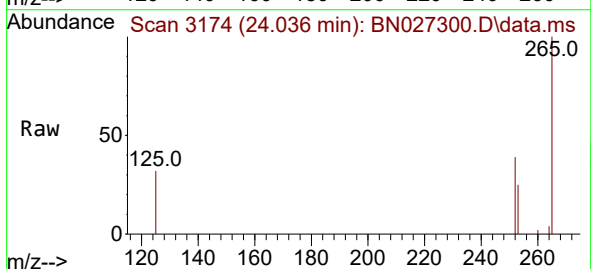
Tgt Ion:252 Resp: 1654

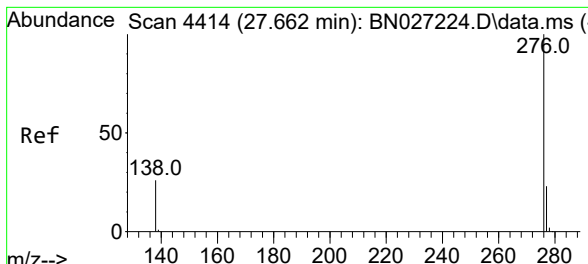
Ion Ratio Lower Upper

252 100

253 62.2 21.4 32.0#

125 79.9 16.5 24.7#





#41

Benzo(g,h,i)perylene

Concen: 0.039 ng

RT: 27.656 min Scan# 44

Delta R.T. -0.006 min

Lab File: BN027300.D

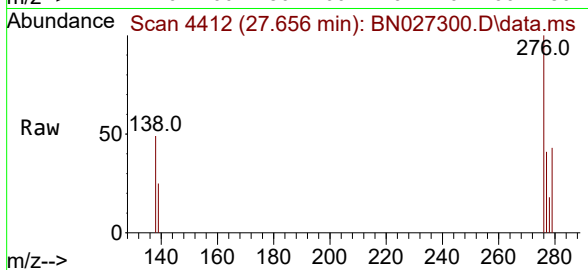
Acq: 31 Aug 2023 08:58

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:276 Resp: 1665

Ion Ratio Lower Upper

276 100

277 41.3 19.6 29.4#

138 48.5 22.1 33.1#

