

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027302.D
 Acq On : 31 Aug 2023 10:11
 Operator : MA/JU
 Sample : 04126-17RE
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230821RE

Quant Time: Sep 01 03:46:50 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)

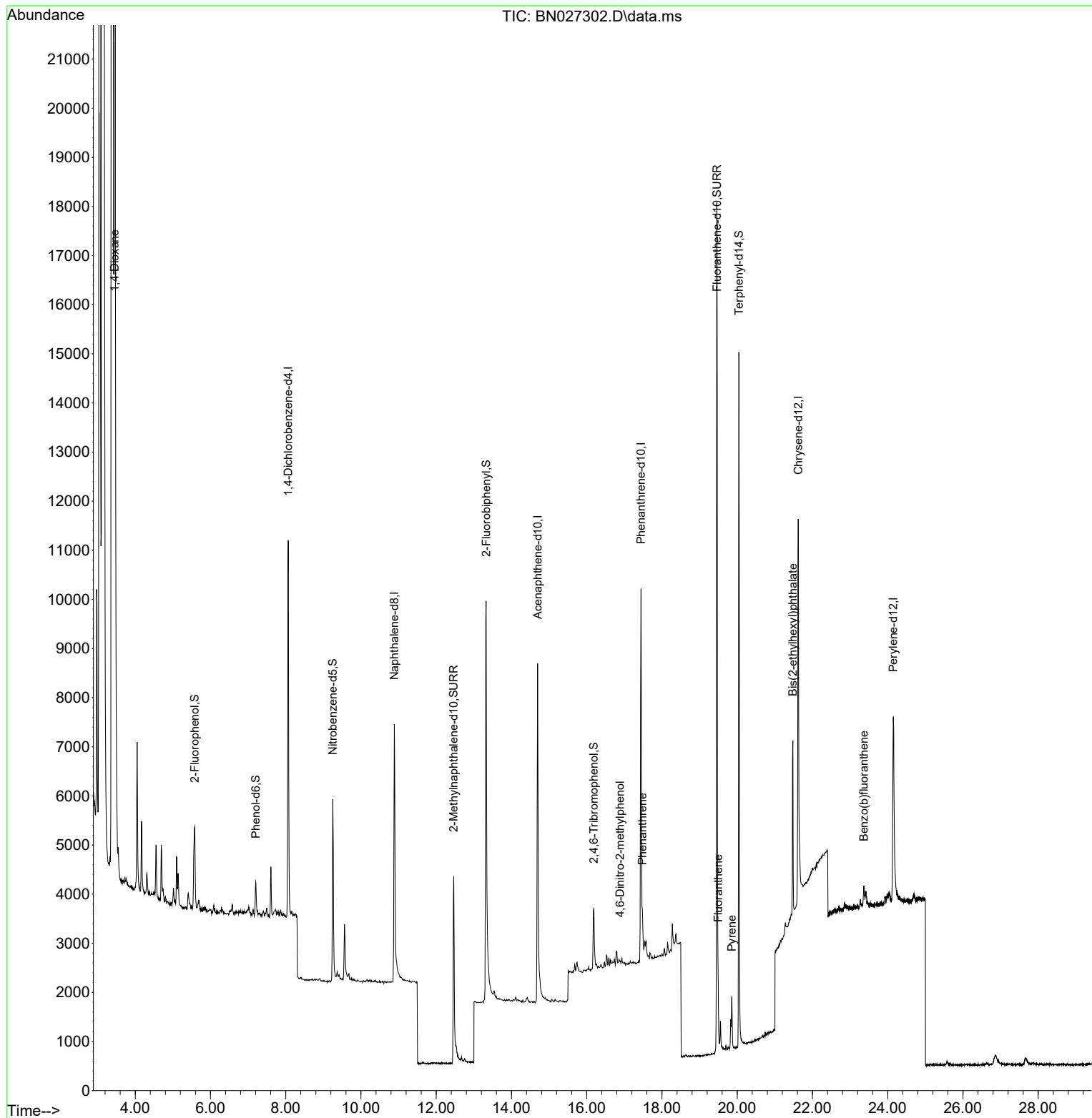
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	3556	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	8870	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	5123	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	12093	0.400	ng	0.00
29) Chrysene-d12	21.623	240	8936	0.400	ng	0.00
35) Perylene-d12	24.148	264	7548	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	1319	0.142	ng	0.00
5) Phenol-d6	7.207	99	825	0.073	ng	0.00
8) Nitrobenzene-d5	9.251	82	3516	0.544	ng	-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7231	0.555	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	968	0.510	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	10811	0.555	ng	0.00
27) Fluoranthene-d10	19.463	212	20560	0.684	ng	0.00
31) Terphenyl-d14	20.048	244	14621	0.814	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.451	88	42068	9.691	ng	94
20) 4,6-Dinitro-2-methylph...	16.884	198	4	0.023	ng	# 3
25) Phenanthrene	17.480	178	751	0.021	ng	# 92
28) Fluoranthene	19.491	202	1032	0.025	ng	# 90
30) Pyrene	19.858	202	997	0.028	ng	99
34) Bis(2-ethylhexyl)phtha...	21.480	149	3744	0.253	ng	# 96
37) Benzo(b)fluoranthene	23.364	252	631	0.022	ng	# 1

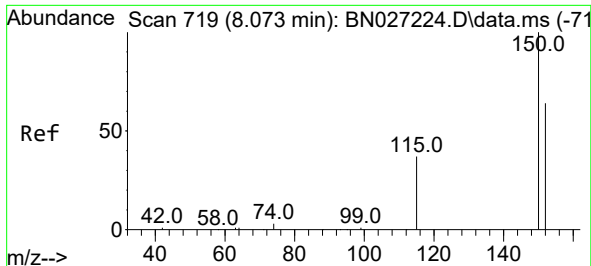
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027302.D
Acq On : 31 Aug 2023 10:11
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Sample : 04126-17RE
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821RE

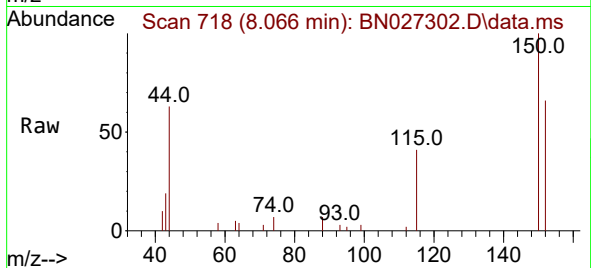
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



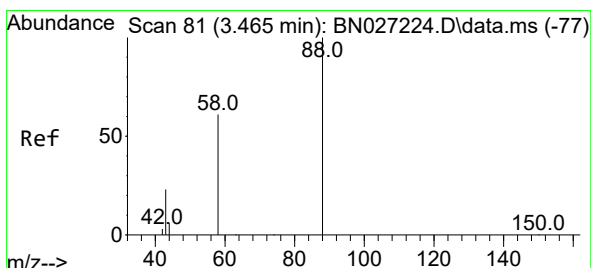
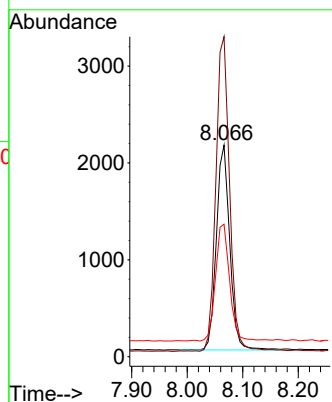
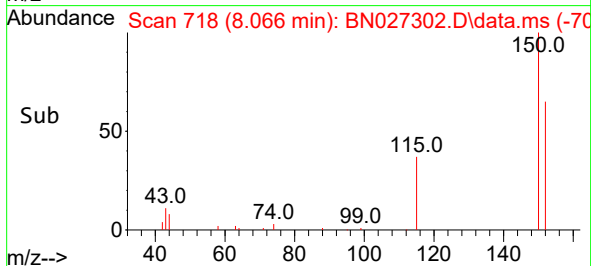


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027302.D
 Acq: 31 Aug 2023 10:11

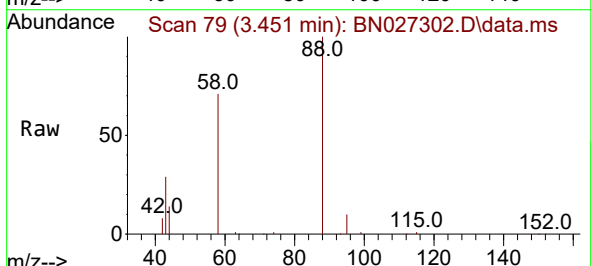
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 ClientSampleId :
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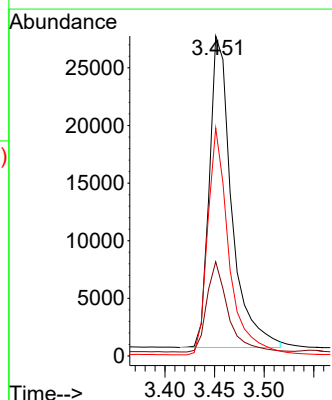
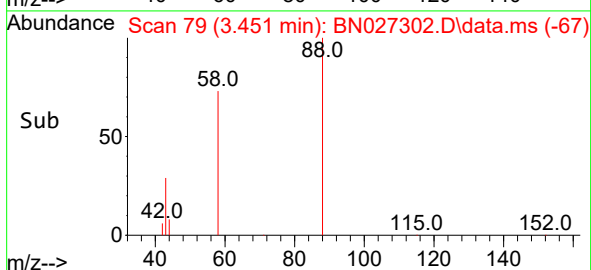
Tgt Ion:152 Resp: 3556
 Ion Ratio Lower Upper
 152 100
 150 151.3 122.7 184.1
 115 62.6 48.6 73.0

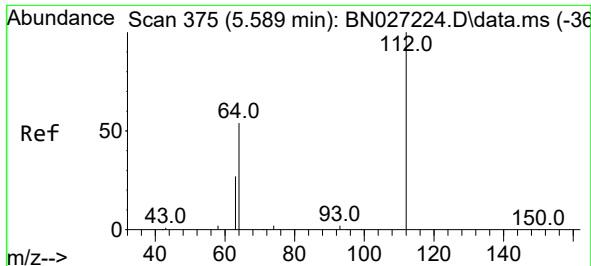


#2
 1,4-Dioxane
 Concen: 9.691 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.014 min
 Lab File: BN027302.D
 Acq: 31 Aug 2023 10:11



Tgt Ion: 88 Resp: 42068
 Ion Ratio Lower Upper
 88 100
 43 27.6 19.1 28.7
 58 69.4 52.2 78.2

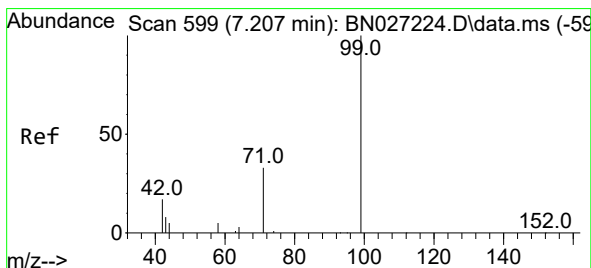
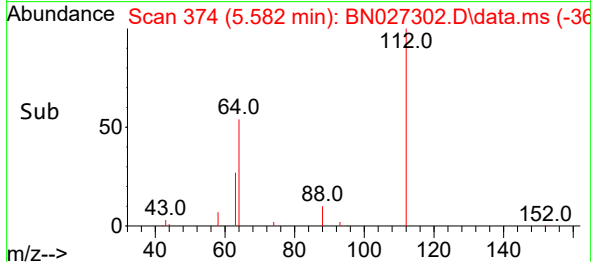
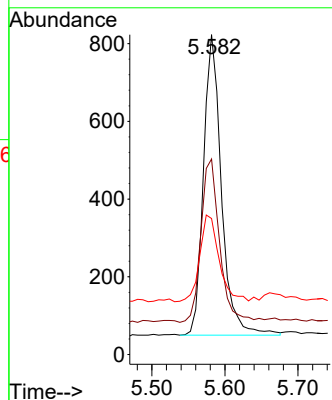
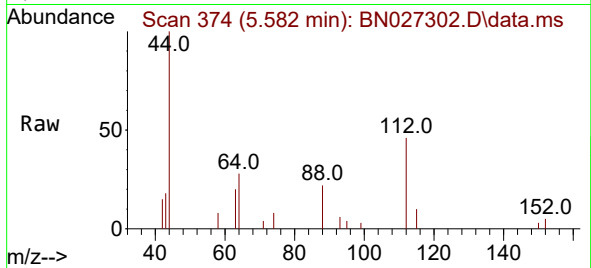




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11

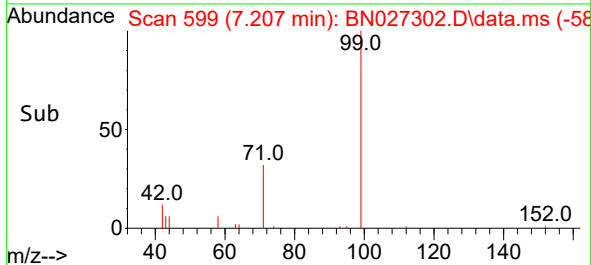
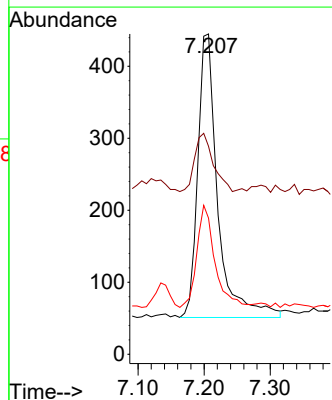
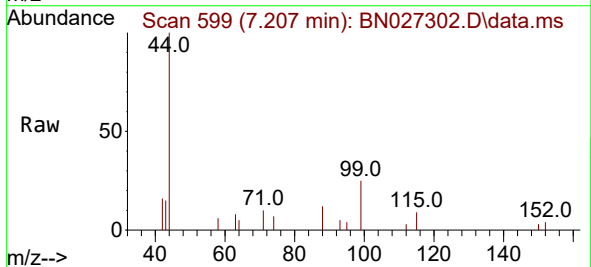
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821RE

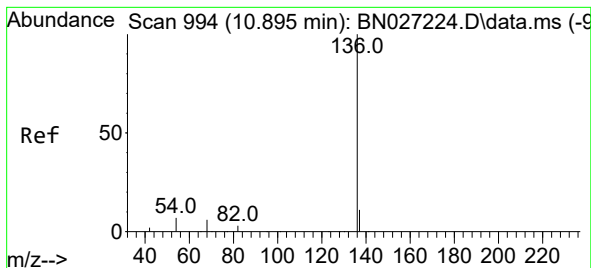
Tgt Ion:112 Resp: 1319
Ion Ratio Lower Upper
112 100
64 56.8 44.4 66.6
63 31.0 23.1 34.7



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11

Tgt Ion: 99 Resp: 825
Ion Ratio Lower Upper
99 100
42 19.6 14.5 21.7
71 32.6 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: BN027302.D

Acq: 31 Aug 2023 10:11

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230821RE

Tgt Ion:136 Resp: 8870

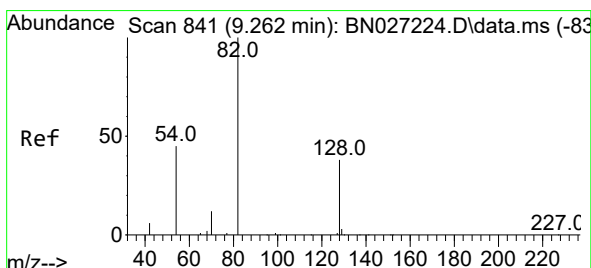
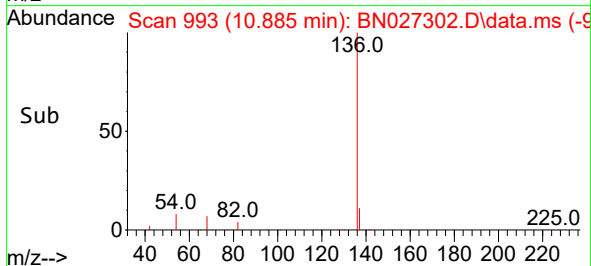
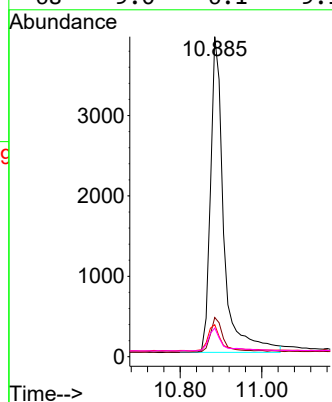
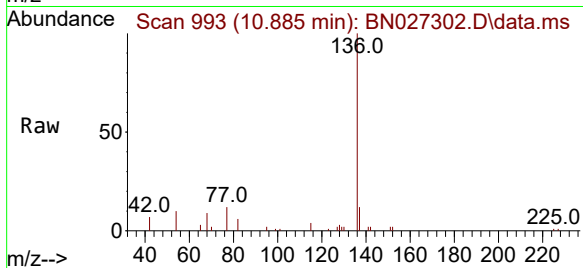
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 10.0 6.7 10.1

68 9.0 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.544 ng

RT: 9.251 min Scan# 840

Delta R.T. -0.011 min

Lab File: BN027302.D

Acq: 31 Aug 2023 10:11

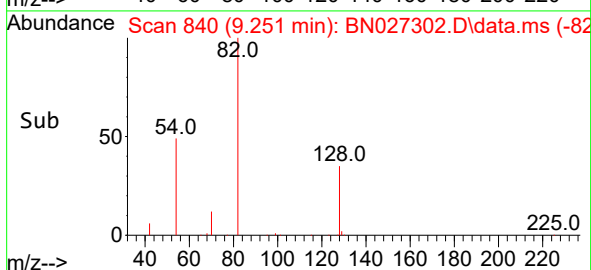
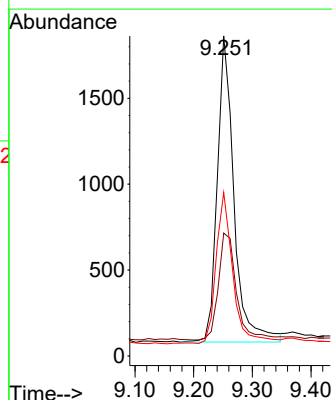
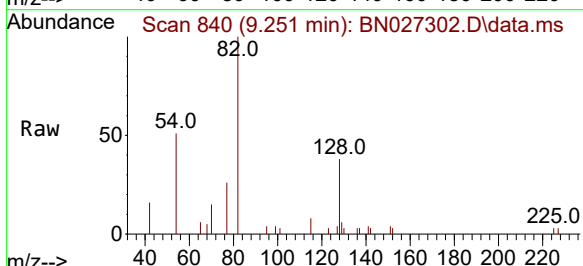
Tgt Ion: 82 Resp: 3516

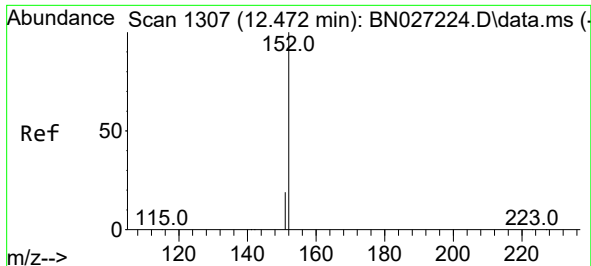
Ion Ratio Lower Upper

82 100

128 38.4 33.4 50.0

54 51.1 37.7 56.5





#11

2-Methylnaphthalene-d10

Concen: 0.555 ng

RT: 12.464 min Scan# 1305

Delta R.T. -0.007 min

Lab File: BN027302.D

Acq: 31 Aug 2023 10:11

Instrument :

BNA_N

ClientSampleId :

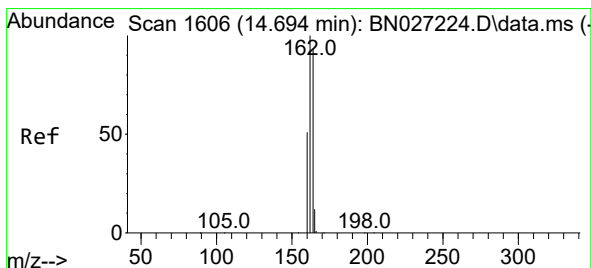
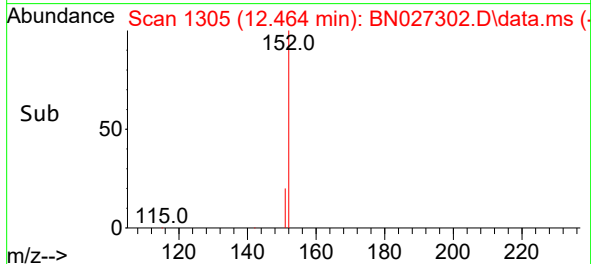
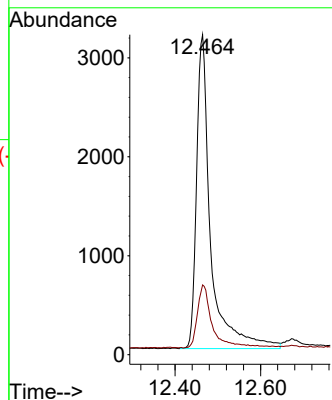
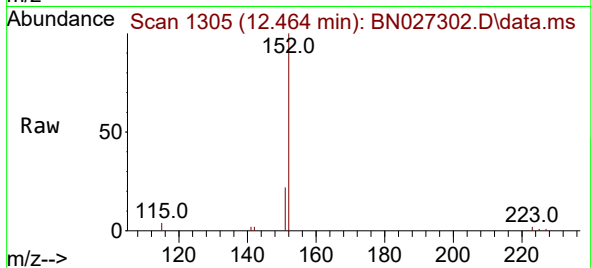
RE131D2-20230821RE

Tgt Ion:152 Resp: 7231

Ion Ratio Lower Upper

152 100

151 21.0 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: BN027302.D

Acq: 31 Aug 2023 10:11

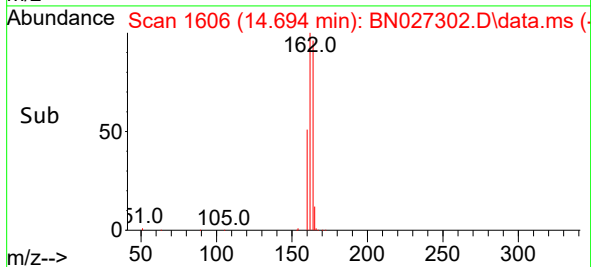
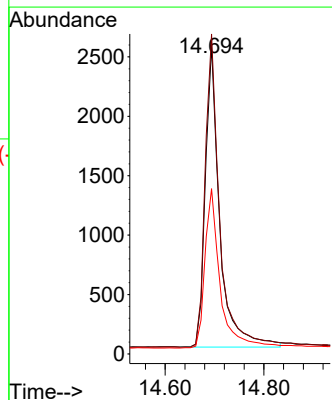
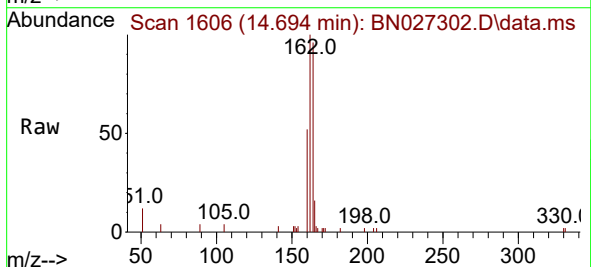
Tgt Ion:164 Resp: 5123

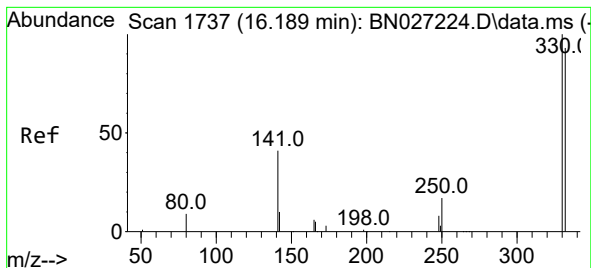
Ion Ratio Lower Upper

164 100

162 104.1 85.8 128.8

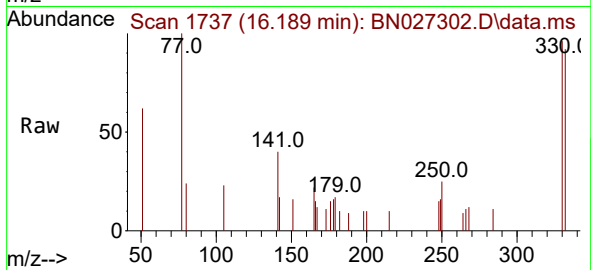
160 53.7 44.2 66.2



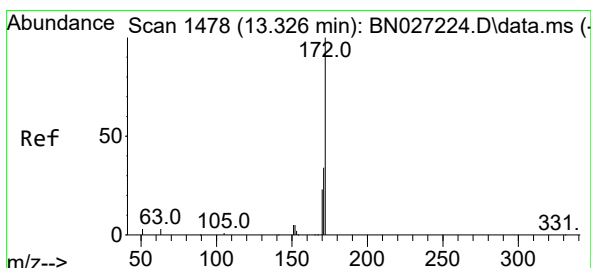
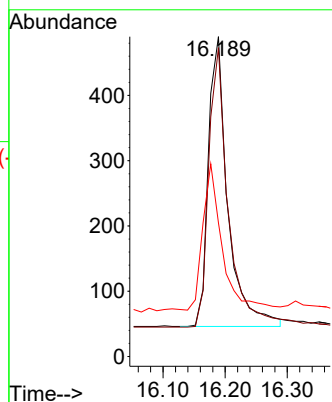
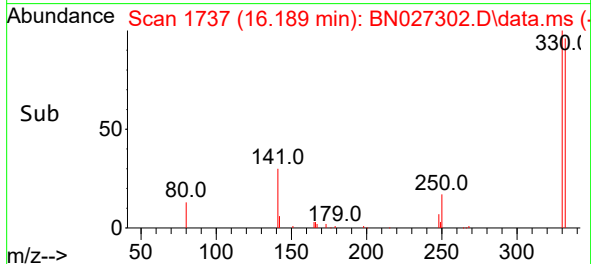


#14
2,4,6-Tribromophenol
Concen: 0.510 ng
RT: 16.189 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11

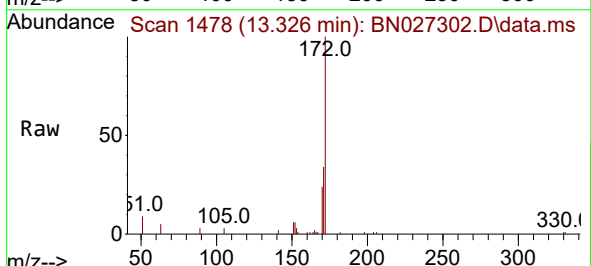
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821RE



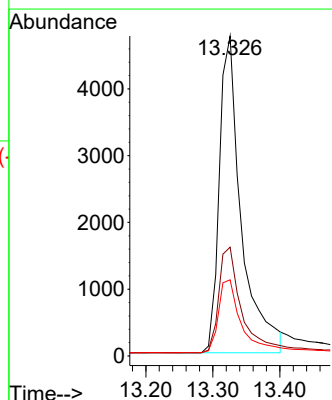
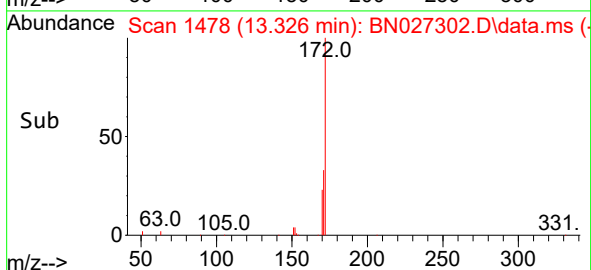
Tgt Ion:330 Resp: 968
Ion Ratio Lower Upper
330 100
332 96.9 75.2 112.8
141 49.3 36.2 54.4

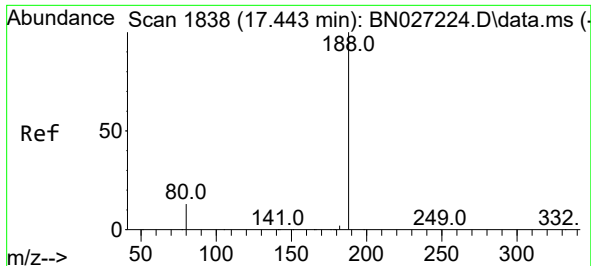


#15
2-Fluorobiphenyl
Concen: 0.555 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11



Tgt Ion:172 Resp: 10811
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 23.8 19.3 28.9

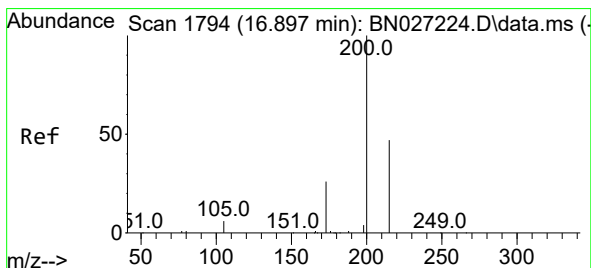
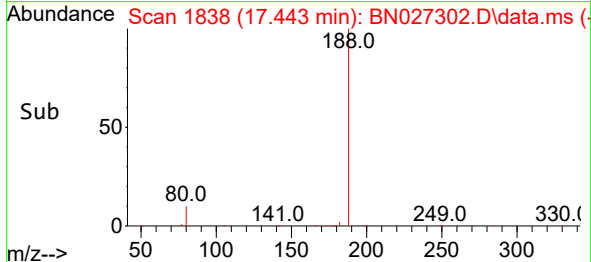
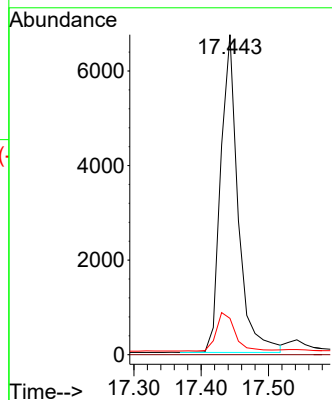
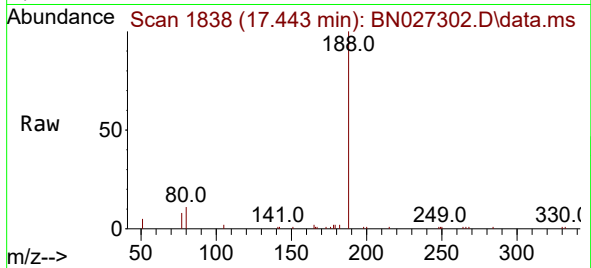




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11

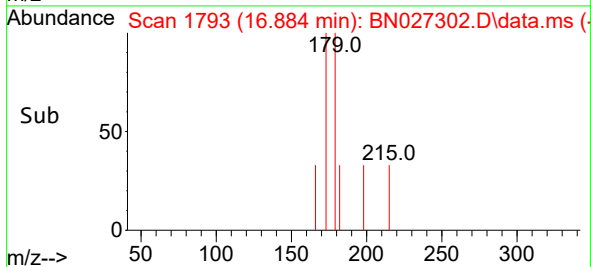
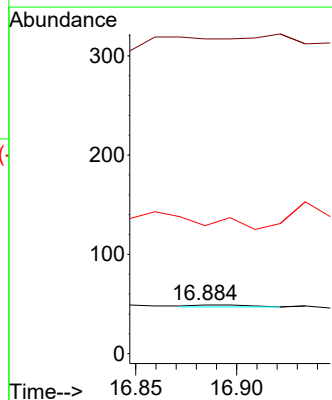
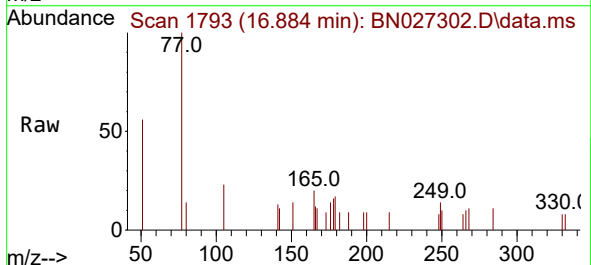
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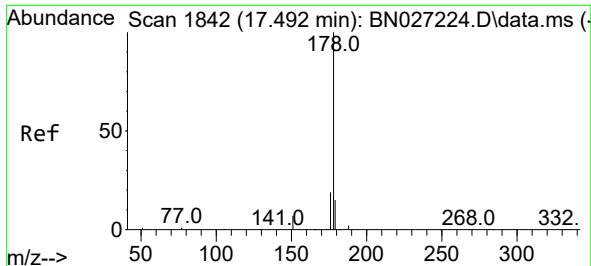
Tgt Ion:188 Resp: 12093
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 11.0 16.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.023 ng
RT: 16.884 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 646.9 282.2 423.2#
105 263.3 168.7 253.1#

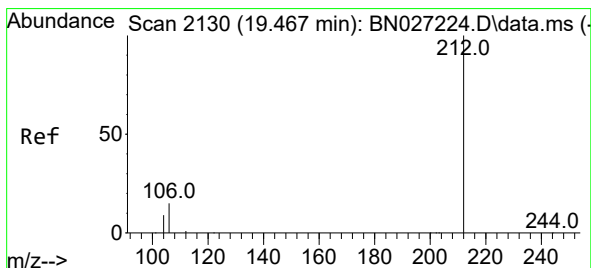
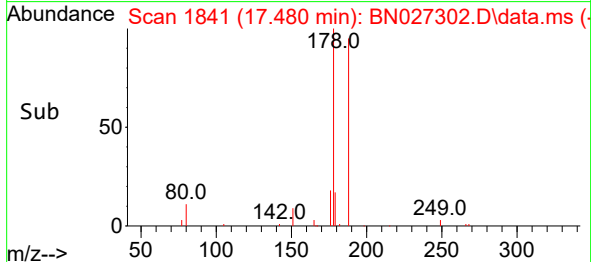
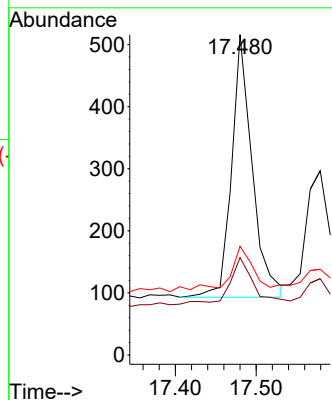
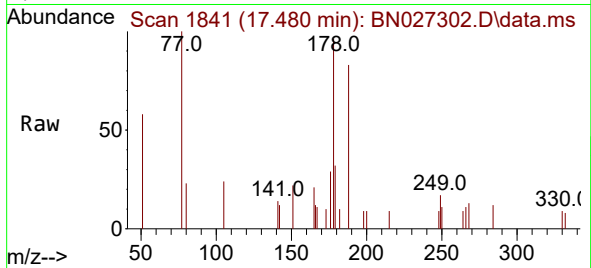




#25
Phenanthrene
Concen: 0.021 ng
RT: 17.480 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11

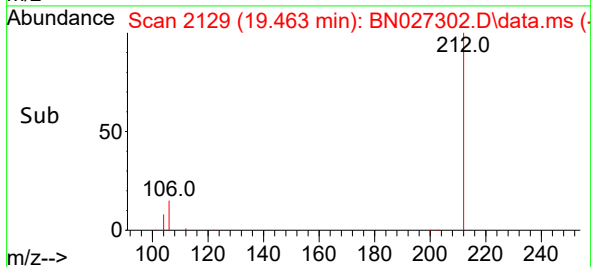
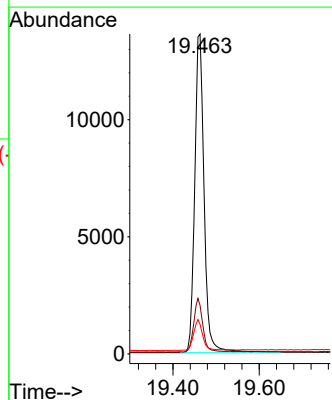
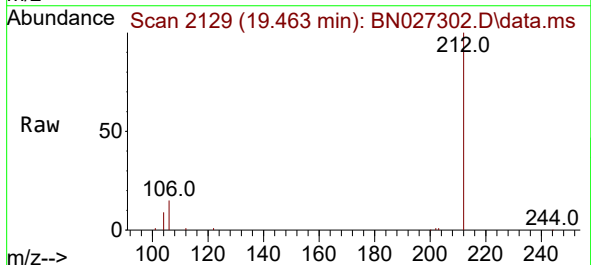
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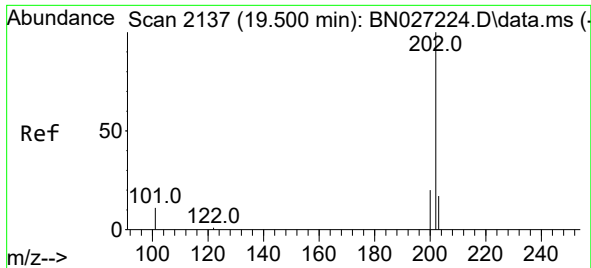
Tgt Ion:178 Resp: 751
Ion Ratio Lower Upper
178 100
176 21.6 15.6 23.4
179 20.4 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.684 ng
RT: 19.463 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11

Tgt Ion:212 Resp: 20560
Ion Ratio Lower Upper
212 100
106 16.0 12.1 18.1
104 9.4 6.9 10.3

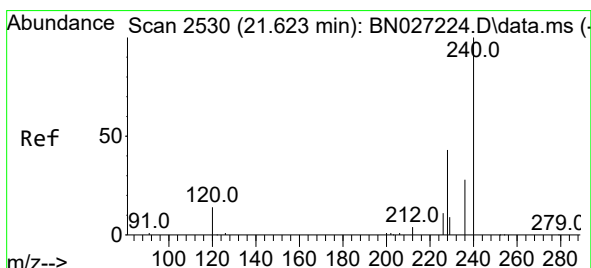
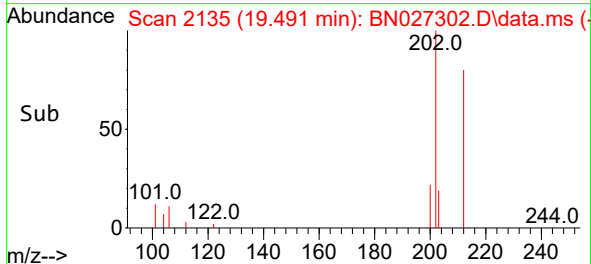
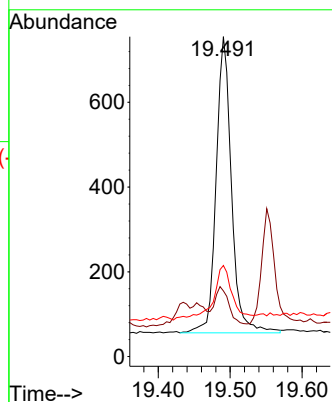
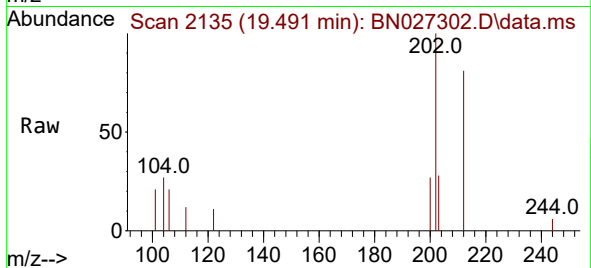




#28
Fluoranthene
Concen: 0.025 ng
RT: 19.491 min Scan# 2135
Delta R.T. -0.009 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11

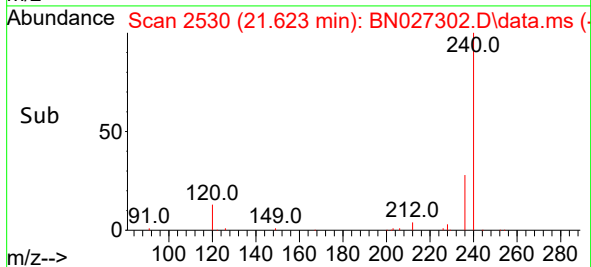
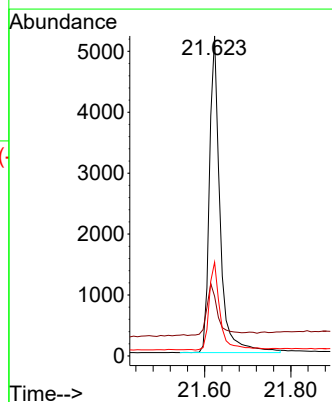
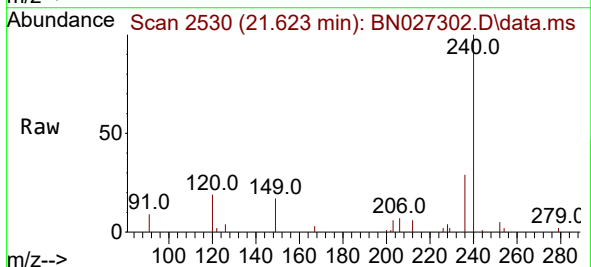
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821RE

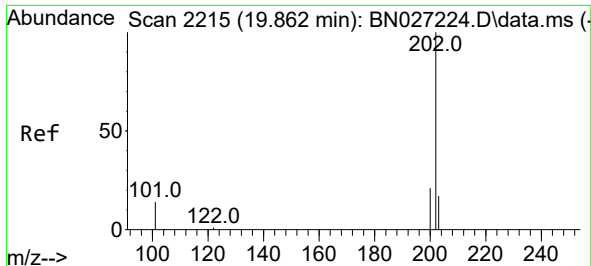
Tgt Ion:202 Resp: 1032
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
203 23.4 13.6 20.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11

Tgt Ion:240 Resp: 8936
Ion Ratio Lower Upper
240 100
120 18.7 14.2 21.4
236 29.3 22.9 34.3

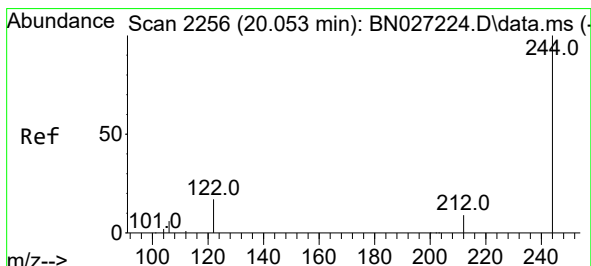
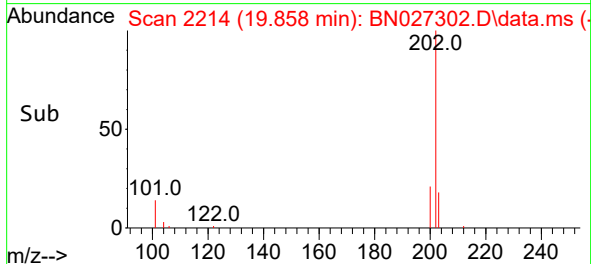
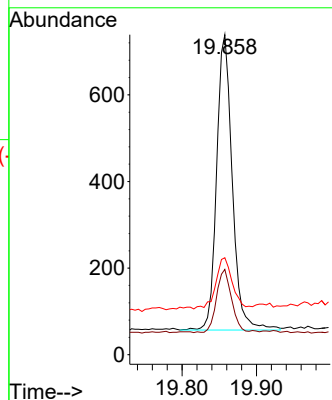
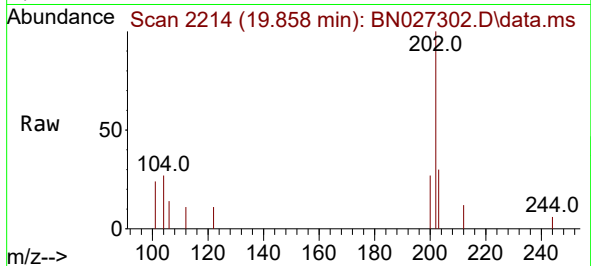




#30
Pyrene
Concen: 0.028 ng
RT: 19.858 min Scan# 211
Delta R.T. -0.005 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11

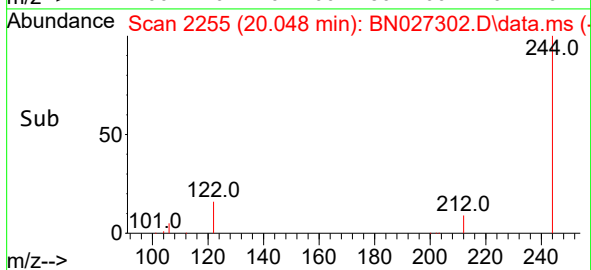
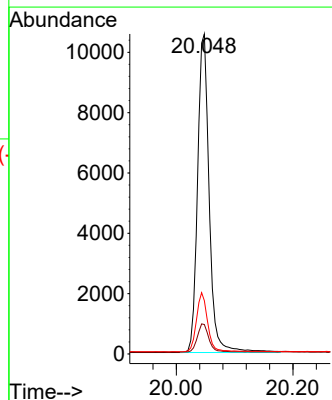
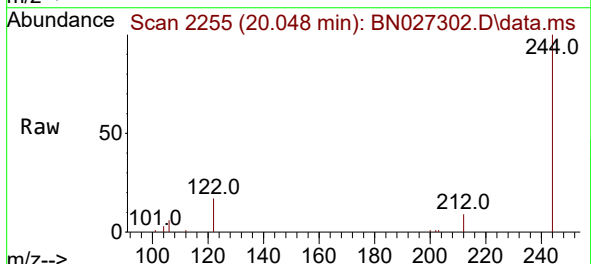
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821RE

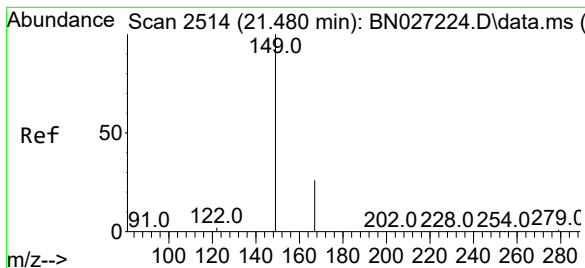
Tgt Ion:202 Resp: 997
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 18.4 14.2 21.4



#31
Terphenyl-d14
Concen: 0.814 ng
RT: 20.048 min Scan# 2255
Delta R.T. -0.005 min
Lab File: BN027302.D
Acq: 31 Aug 2023 10:11

Tgt Ion:244 Resp: 14621
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 16.7 14.0 21.0

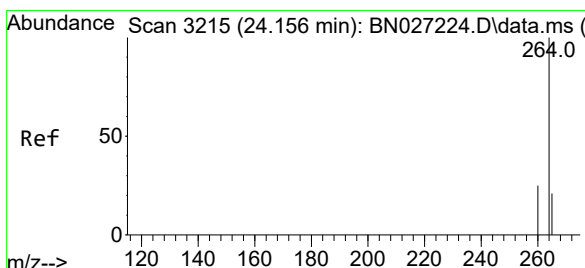
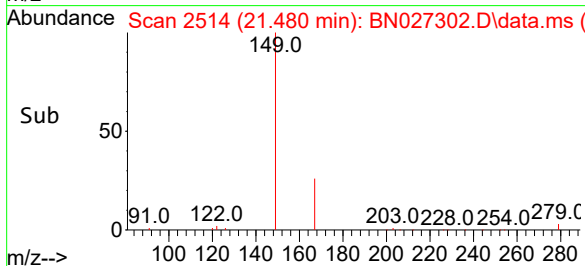
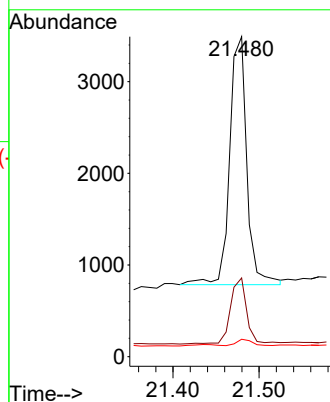
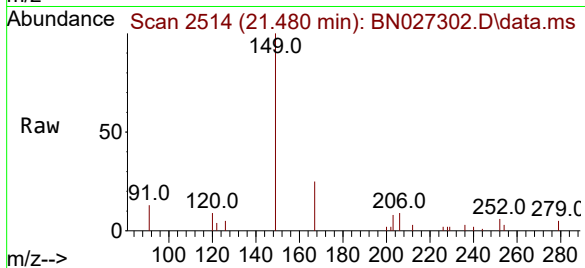




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.253 ng
 RT: 21.480 min Scan# 2148
 Delta R.T. 0.000 min
 Lab File: BN027302.D
 Acq: 31 Aug 2023 10:11

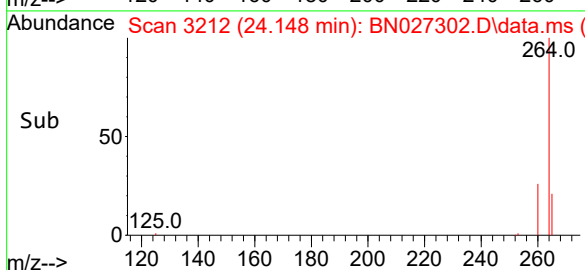
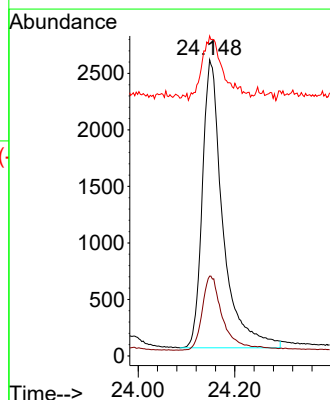
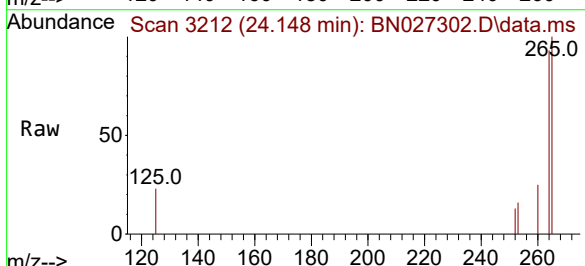
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230821RE

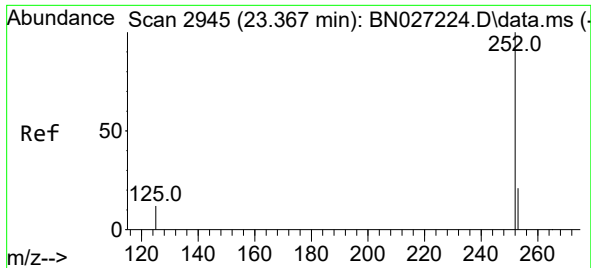
Tgt Ion:149 Resp: 3744
 Ion Ratio Lower Upper
 149 100
 167 25.3 22.1 33.1
 279 2.2 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.148 min Scan# 3212
 Delta R.T. -0.009 min
 Lab File: BN027302.D
 Acq: 31 Aug 2023 10:11

Tgt Ion:264 Resp: 7548
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.7 31.1
 265 108.1 53.3 79.9#





#37

Benzo(b)fluoranthene

Concen: 0.022 ng

RT: 23.364 min Scan# 2944

Delta R.T. -0.003 min

Lab File: BN027302.D

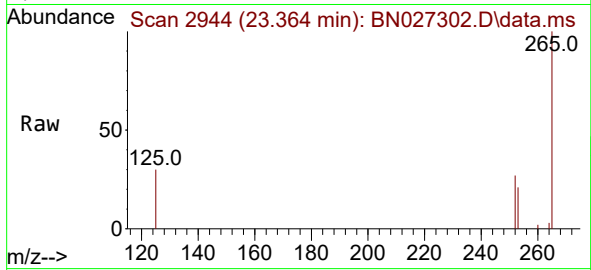
Acq: 31 Aug 2023 10:11

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230821RE



Tgt Ion:252 Resp: 631

Ion Ratio Lower Upper

252 100

253 77.2 19.9 29.9#

125 108.7 13.8 20.6#

