

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027328.D
 Acq On : 01 Sep 2023 02:48
 Operator : MA/JU
 Sample : 04208-04
 Misc :
 ALS Vial : 109 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-02-133-082823-H

Quant Time: Sep 01 04:05:26 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)

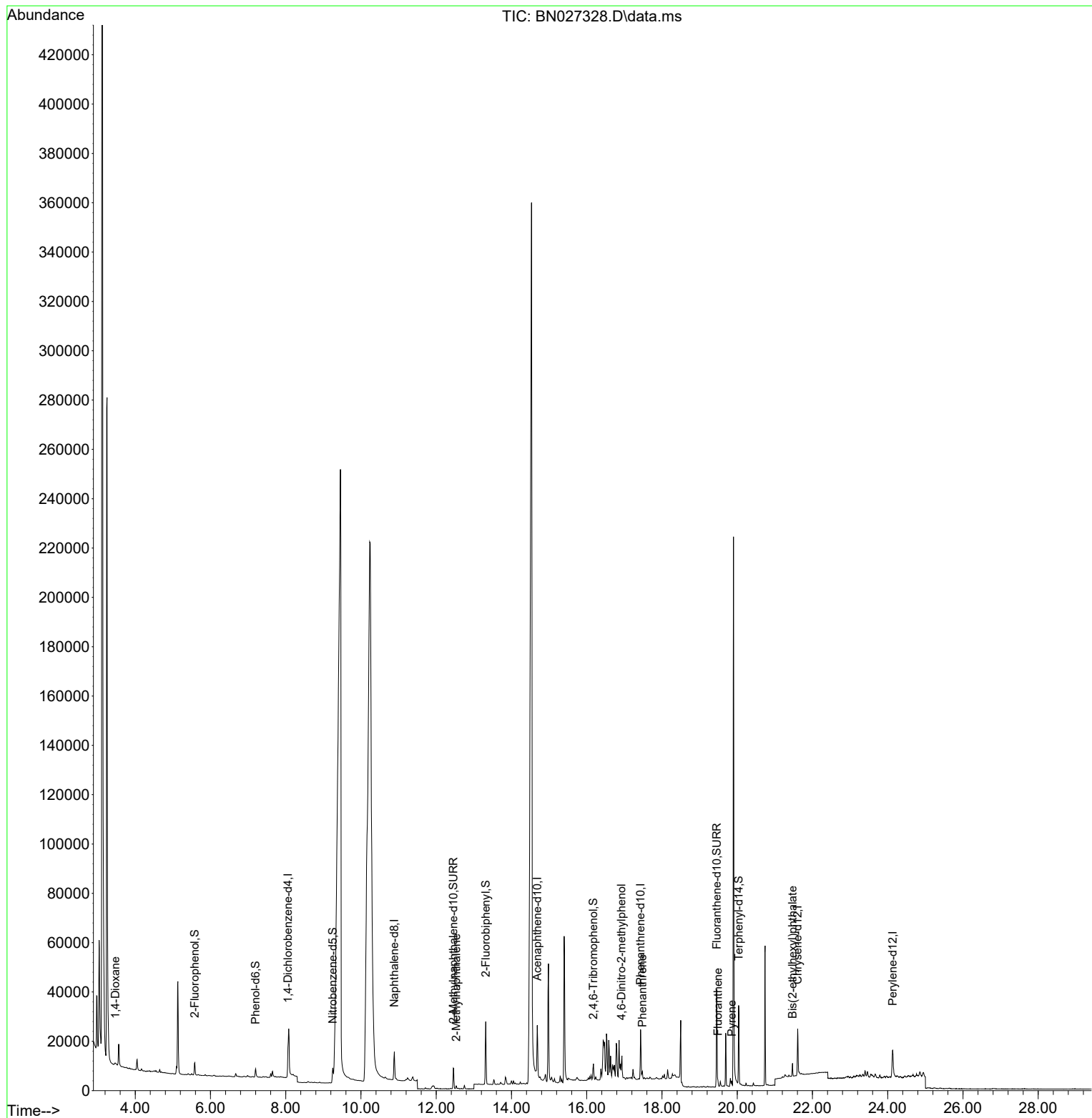
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5427	0.400	ng	-0.01
7) Naphthalene-d8	10.885	136	16060	0.400	ng	-0.01
13) Acenaphthene-d10	14.683	164	15070	0.400	ng	-0.01
19) Phenanthrene-d10	17.430	188	26287	0.400	ng	-0.01
29) Chrysene-d12	21.605	240	19750	0.400	ng	-0.02
35) Perylene-d12	24.130	264	18659	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	4232	0.299	ng	0.00
5) Phenol-d6	7.200	99	3471	0.202	ng	0.00
8) Nitrobenzene-d5	9.251	82	5221	0.446	ng	-0.01
11) 2-Methylnaphthalene-d10	12.457	152	11439	0.485	ng	-0.01
14) 2,4,6-Tribromophenol	16.177	330	3585	0.643	ng	-0.01
15) 2-Fluorobiphenyl	13.315	172	21758	0.380	ng	-0.01
27) Fluoranthene-d10	19.458	212	34487	0.528	ng	0.00
31) Terphenyl-d14	20.039	244	28787	0.726	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	1131	0.171	ng	# 84
12) 2-Methylnaphthalene	12.532	142	860	0.028	ng	# 83
20) 4,6-Dinitro-2-methylph...	16.922	198	66	0.176	ng	# 1
25) Phenanthrene	17.480	178	3517	0.046	ng	# 95
28) Fluoranthene	19.486	202	1881	0.021	ng	# 80
30) Pyrene	19.853	202	2000	0.025	ng	94
34) Bis(2-ethylhexyl)phtha...	21.471	149	4869	0.149	ng	99

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

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ALS Vial : 109 Sample Multiplier: 1

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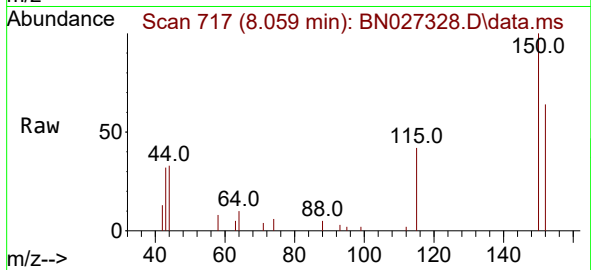
Quant Time: Sep 01 04:05:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
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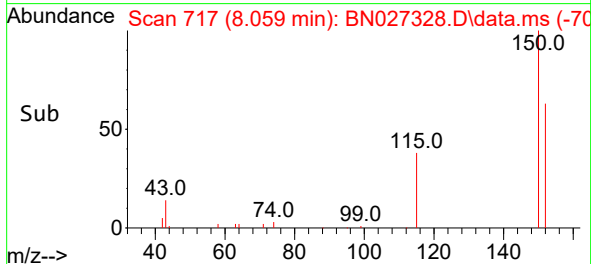
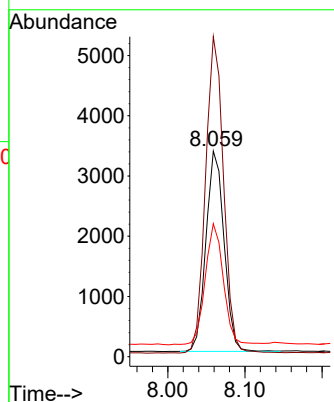


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.059 min Scan# 71
 Delta R.T. -0.014 min
 Lab File: BN027328.D
 Acq: 01 Sep 2023 02:48

Instrument :
 BNA_N
 ClientSampleId :
 BR-02-133-082823-H

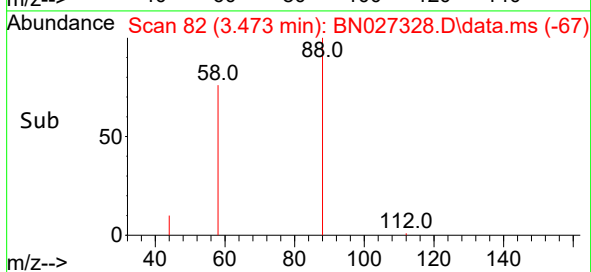
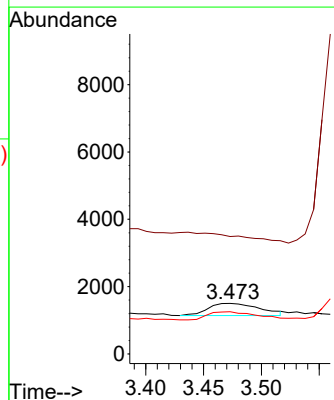
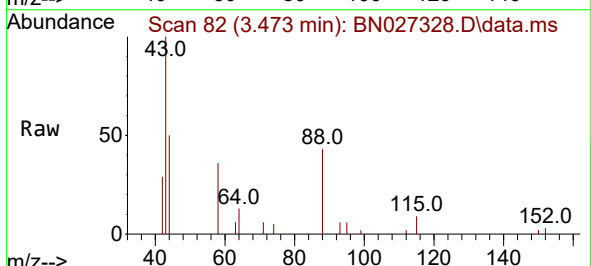


Tgt Ion: 152 Resp: 5427
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.7 184.1
 115 64.7 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.171 ng
 RT: 3.473 min Scan# 82
 Delta R.T. 0.007 min
 Lab File: BN027328.D
 Acq: 01 Sep 2023 02:48

Tgt Ion: 88 Resp: 1131
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.1 28.7#
 58 62.3 52.2 78.2





#4

2-Fluorophenol

Concen: 0.299 ng

RT: 5.582 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027328.D

Acq: 01 Sep 2023 02:48

Instrument :

BNA_N

ClientSampleId :

BR-02-133-082823-H

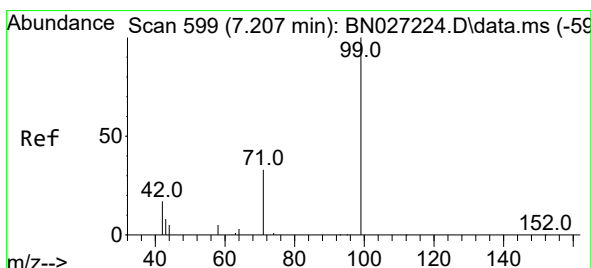
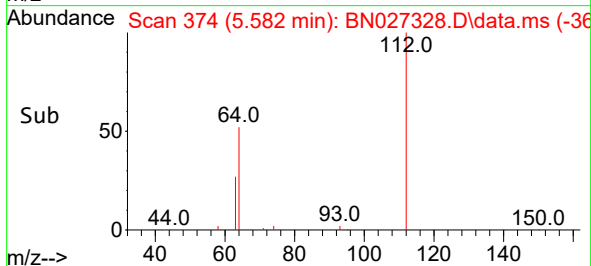
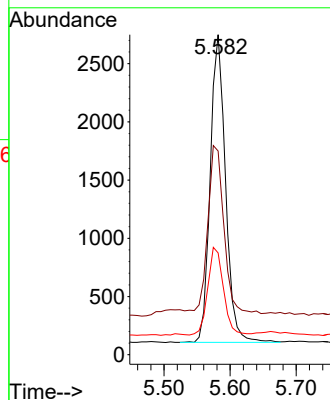
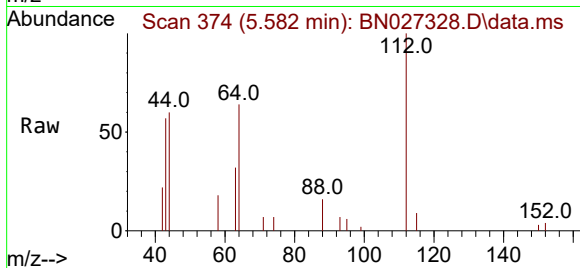
Tgt Ion:112 Resp: 4232

Ion Ratio Lower Upper

112 100

64 56.9 44.4 66.6

63 29.0 23.1 34.7



#5

Phenol-d6

Concen: 0.202 ng

RT: 7.200 min Scan# 598

Delta R.T. -0.007 min

Lab File: BN027328.D

Acq: 01 Sep 2023 02:48

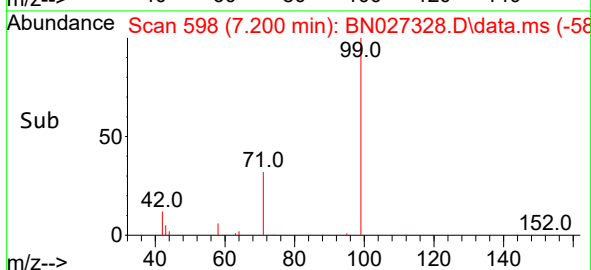
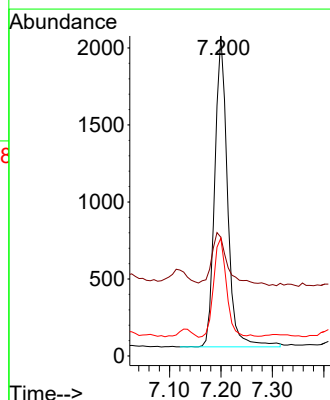
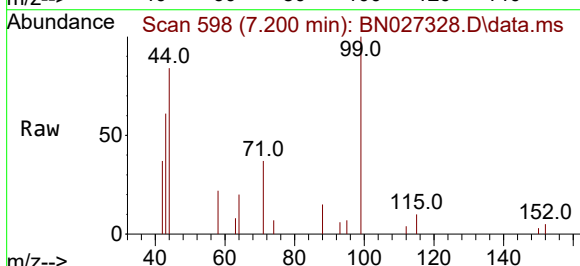
Tgt Ion: 99 Resp: 3471

Ion Ratio Lower Upper

99 100

42 21.8 14.5 21.7#

71 32.0 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: BN027328.D

Acq: 01 Sep 2023 02:48

Instrument :

BNA_N

ClientSampleId :

BR-02-133-082823-H

Tgt Ion:136 Resp: 16060

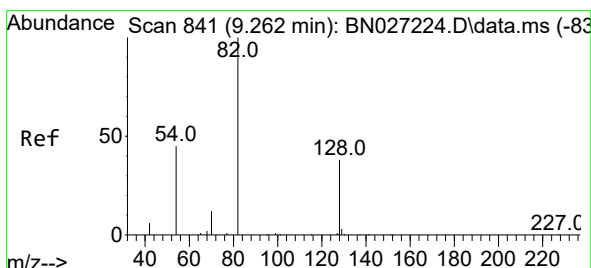
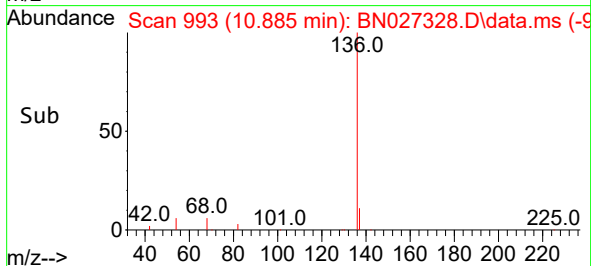
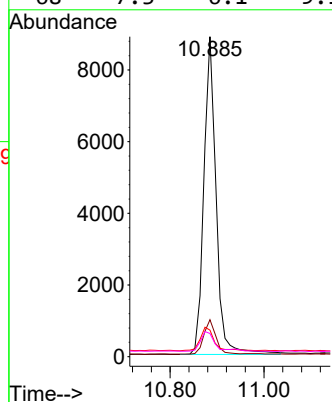
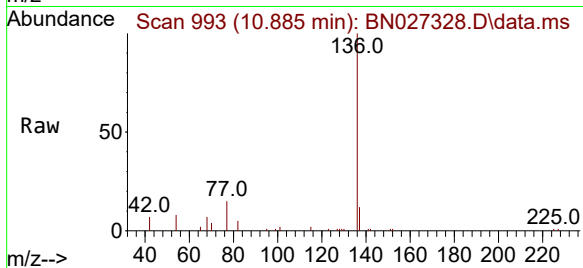
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 8.3 6.7 10.1

68 7.3 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.446 ng

RT: 9.251 min Scan# 840

Delta R.T. -0.011 min

Lab File: BN027328.D

Acq: 01 Sep 2023 02:48

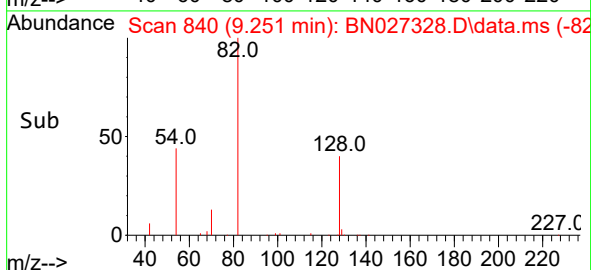
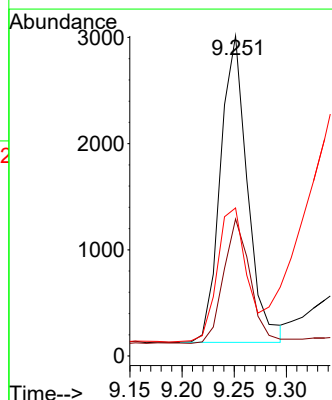
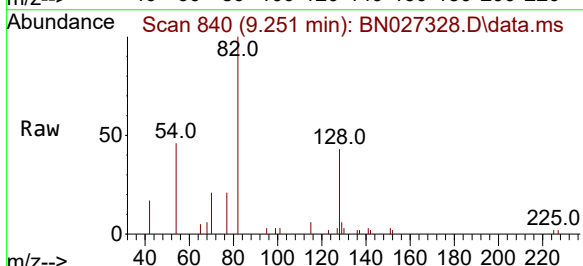
Tgt Ion: 82 Resp: 5221

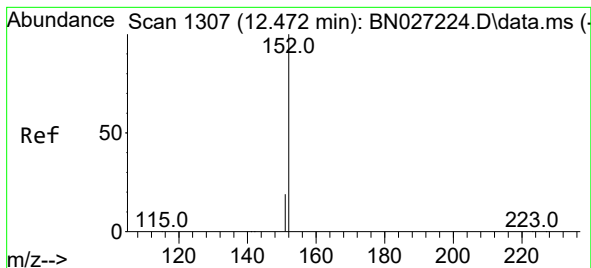
Ion Ratio Lower Upper

82 100

128 42.8 33.4 50.0

54 46.3 37.7 56.5

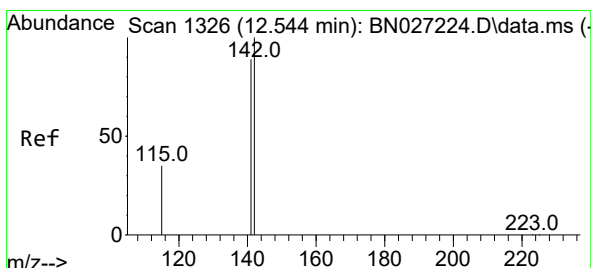
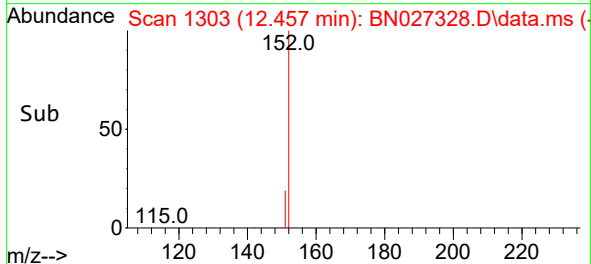
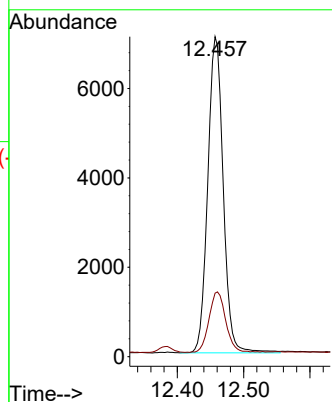
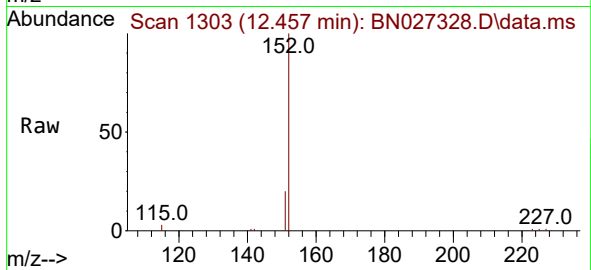




#11
2-Methylnaphthalene-d10
Concen: 0.485 ng
RT: 12.457 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN027328.D
Acq: 01 Sep 2023 02:48

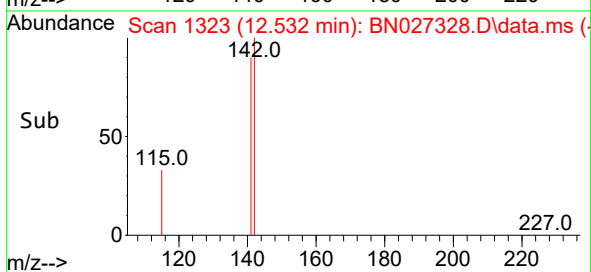
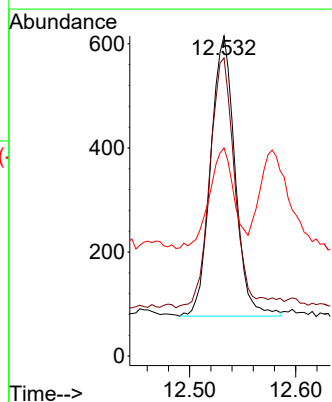
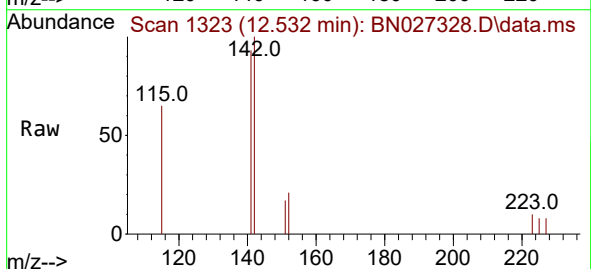
Instrument :
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ClientSampleId :
BR-02-133-082823-H

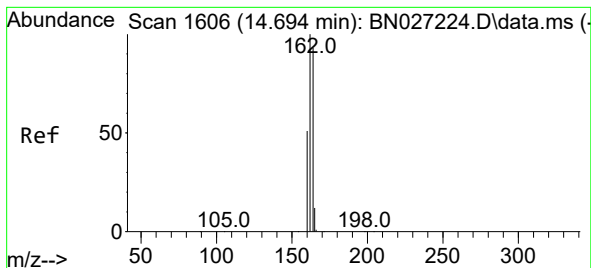
Tgt Ion:152 Resp: 11439
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.532 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BN027328.D
Acq: 01 Sep 2023 02:48

Tgt Ion:142 Resp: 860
Ion Ratio Lower Upper
142 100
141 93.2 71.1 106.7
115 65.0 29.6 44.4#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.683 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN027328.D

Acq: 01 Sep 2023 02:48

Instrument :

BNA_N

ClientSampleId :

BR-02-133-082823-H

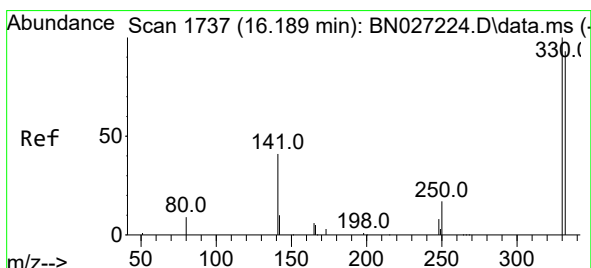
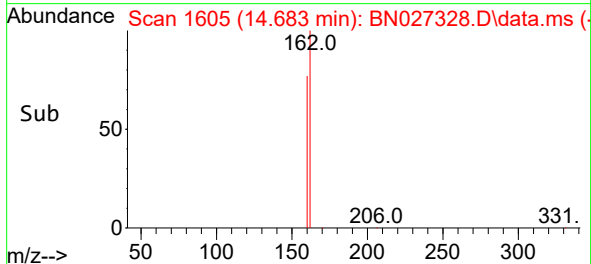
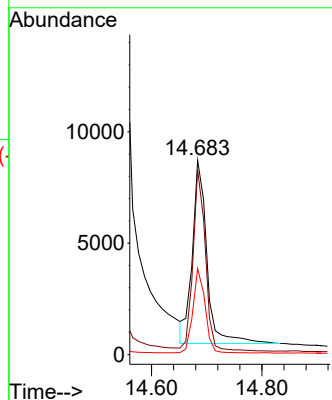
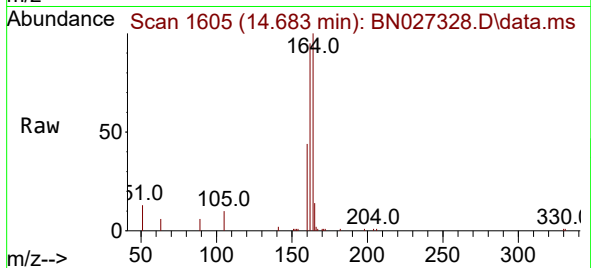
Tgt Ion:164 Resp: 15070

Ion Ratio Lower Upper

164 100

162 95.2 85.8 128.8

160 44.3 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.643 ng

RT: 16.177 min Scan# 1736

Delta R.T. -0.012 min

Lab File: BN027328.D

Acq: 01 Sep 2023 02:48

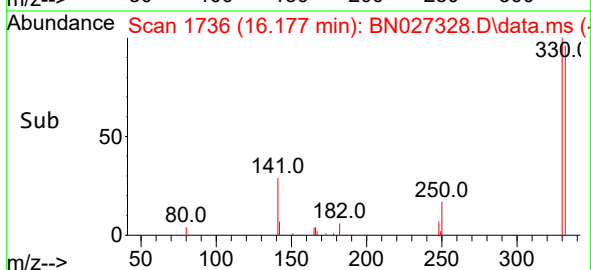
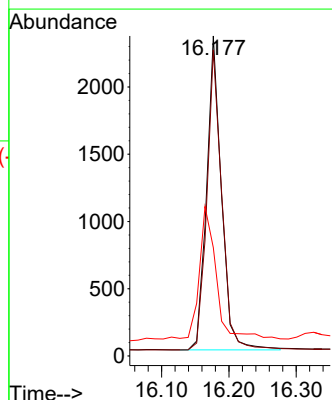
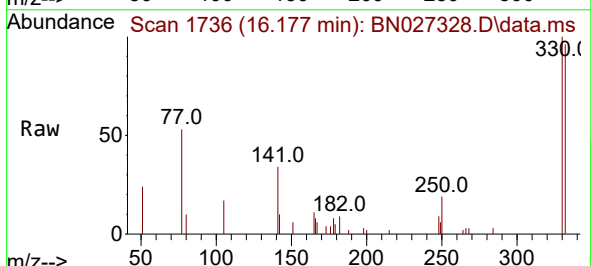
Tgt Ion:330 Resp: 3585

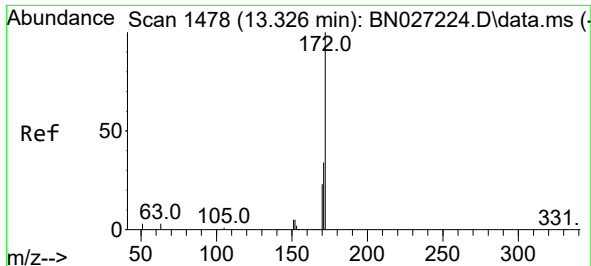
Ion Ratio Lower Upper

330 100

332 96.1 75.2 112.8

141 47.4 36.2 54.4

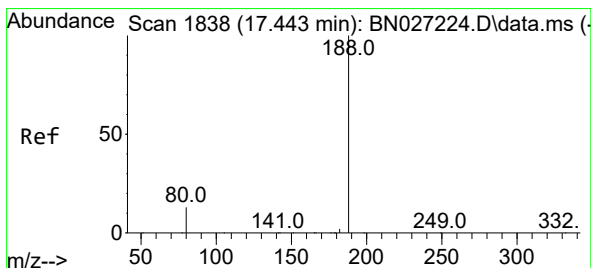
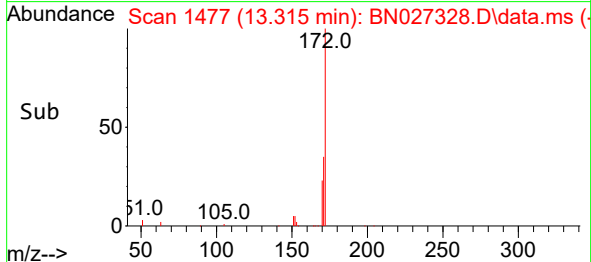
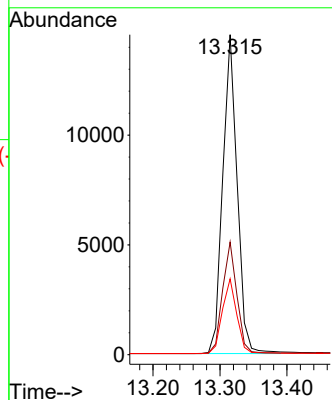
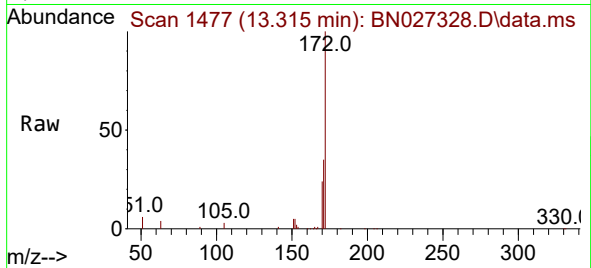




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.315 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027328.D
Acq: 01 Sep 2023 02:48

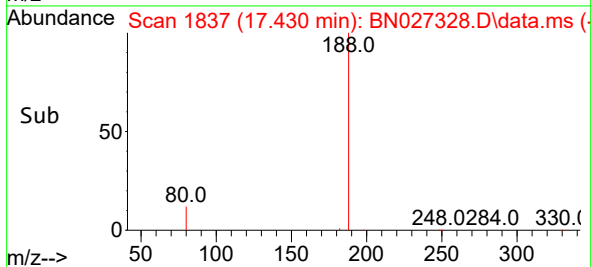
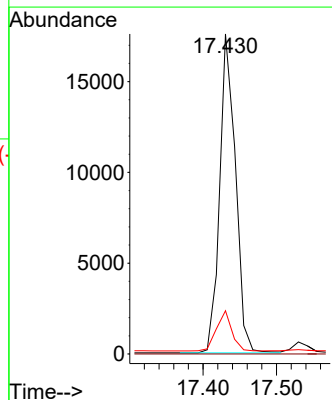
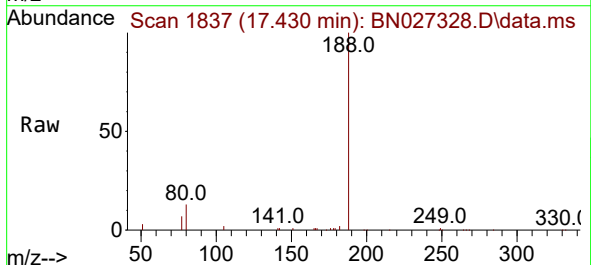
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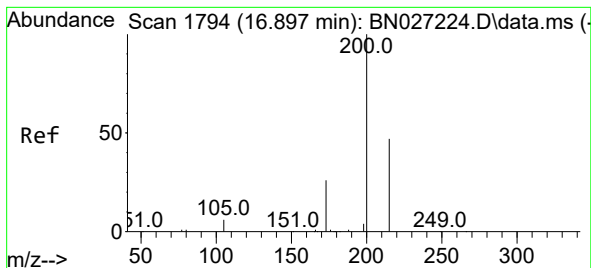
Tgt Ion:172 Resp: 21758
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.7 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.430 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BN027328.D
Acq: 01 Sep 2023 02:48

Tgt Ion:188 Resp: 26287
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 11.0 16.6

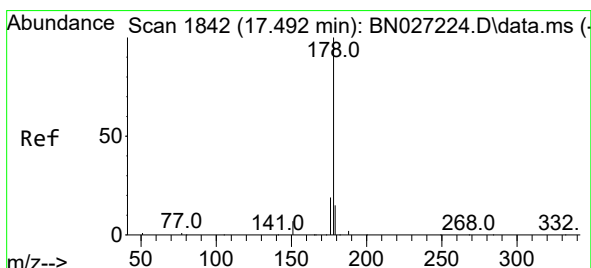
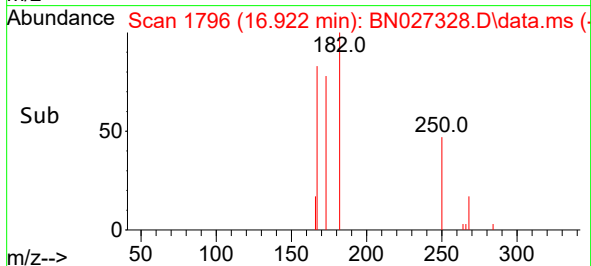
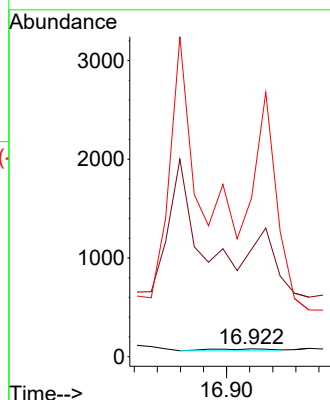
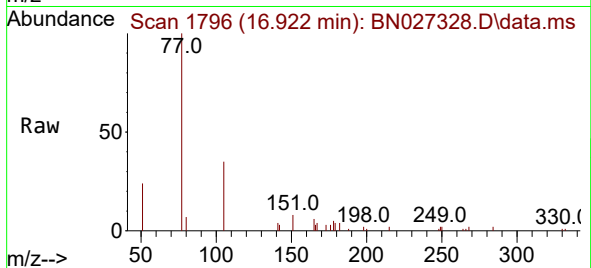




#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 16.922 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN027328.D
Acq: 01 Sep 2023 02:48

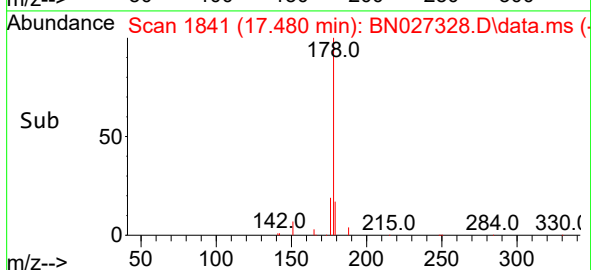
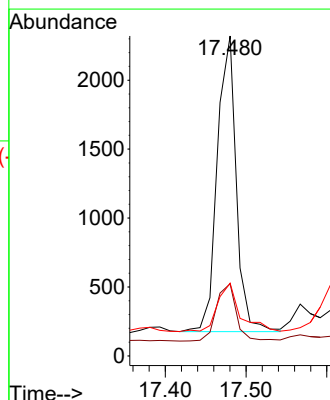
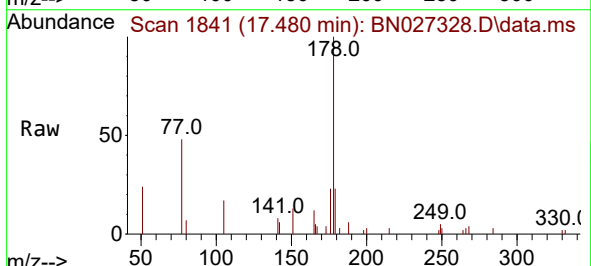
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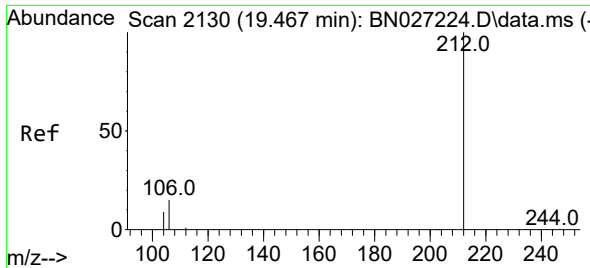
Tgt Ion:198 Resp: 66
Ion Ratio Lower Upper
198 100
51 1360.0 282.2 423.2#
105 2011.3 168.7 253.1#



#25
Phenanthrene
Concen: 0.046 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BN027328.D
Acq: 01 Sep 2023 02:48

Tgt Ion:178 Resp: 3517
Ion Ratio Lower Upper
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176 20.1 15.6 23.4
179 19.3 12.3 18.5#

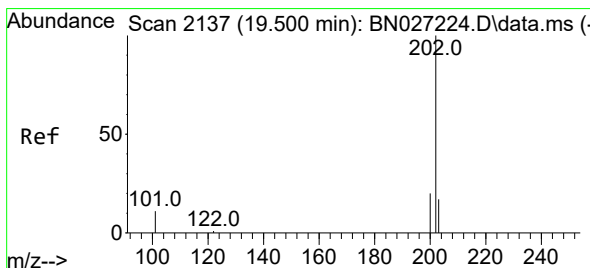
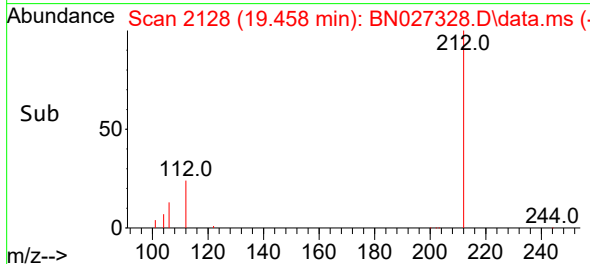
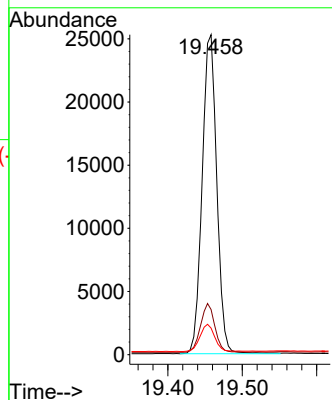
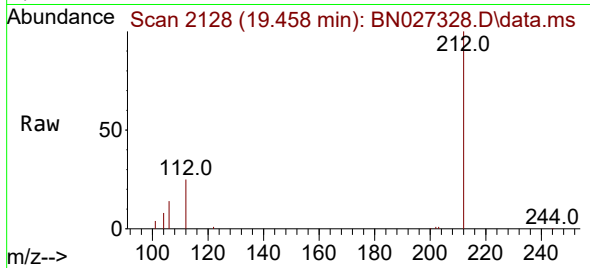




#27
Fluoranthene-d10
Concen: 0.528 ng
RT: 19.458 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN027328.D
Acq: 01 Sep 2023 02:48

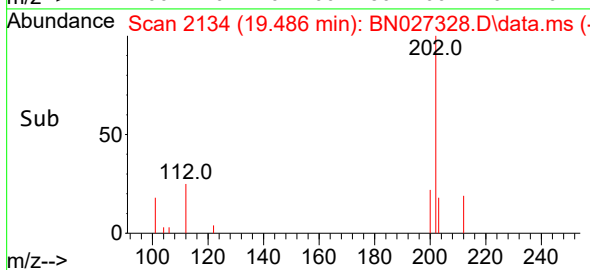
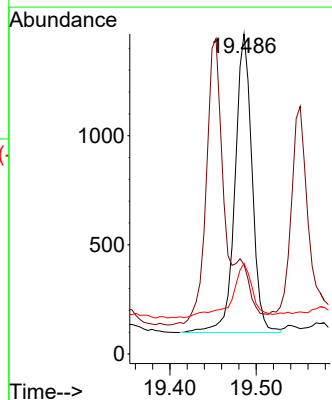
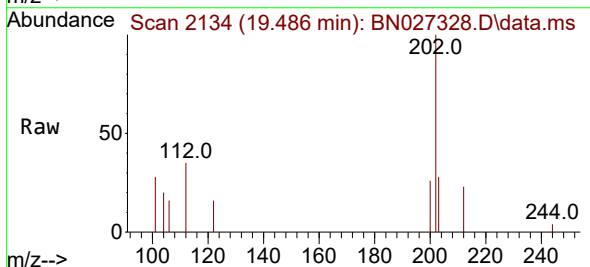
Instrument :
BNA_N
ClientSampleId :
BR-02-133-082823-H

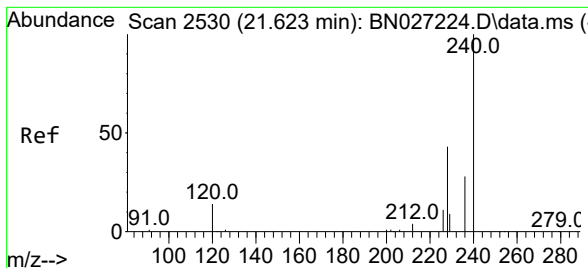
Tgt Ion:212 Resp: 34487
Ion Ratio Lower Upper
212 100
106 14.9 12.1 18.1
104 8.7 6.9 10.3



#28
Fluoranthene
Concen: 0.021 ng
RT: 19.486 min Scan# 2134
Delta R.T. -0.014 min
Lab File: BN027328.D
Acq: 01 Sep 2023 02:48

Tgt Ion:202 Resp: 1881
Ion Ratio Lower Upper
202 100
101 0.0 9.6 14.4#
203 22.1 13.6 20.4#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.605 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN027328.D

Acq: 01 Sep 2023 02:48

Instrument :

BNA_N

ClientSampleId :

BR-02-133-082823-H

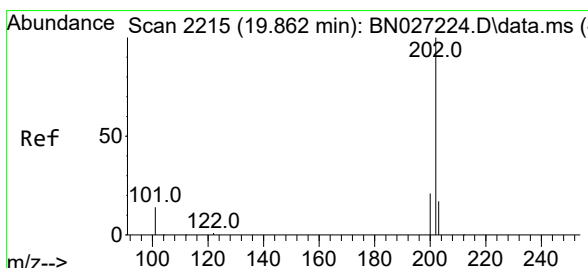
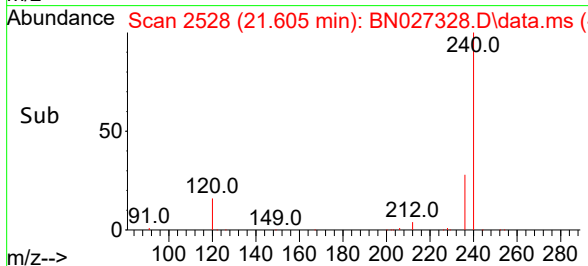
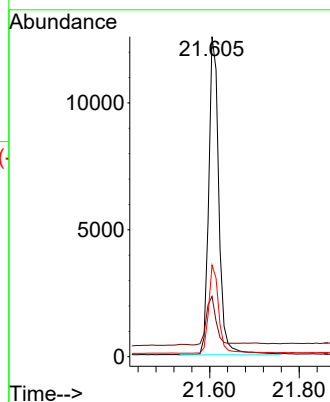
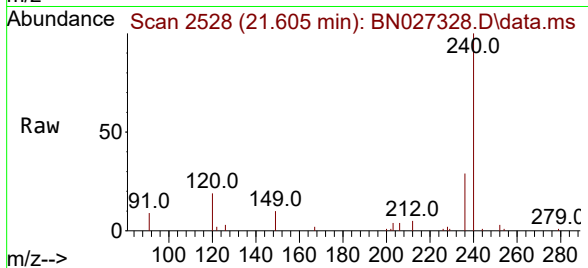
Tgt Ion:240 Resp: 19750

Ion Ratio Lower Upper

240 100

120 18.9 14.2 21.4

236 28.6 22.9 34.3



#30

Pyrene

Concen: 0.025 ng

RT: 19.853 min Scan# 2213

Delta R.T. -0.009 min

Lab File: BN027328.D

Acq: 01 Sep 2023 02:48

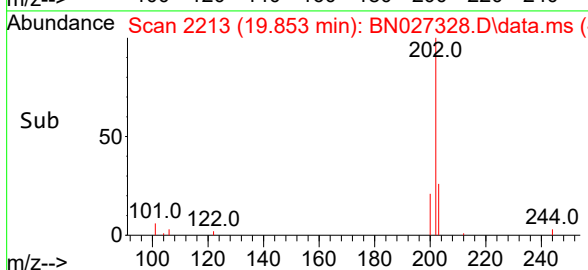
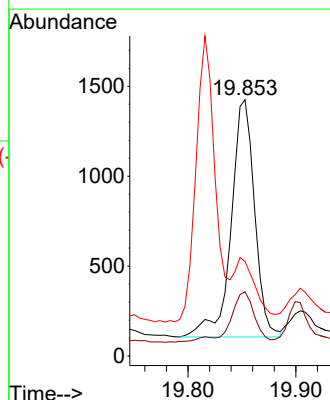
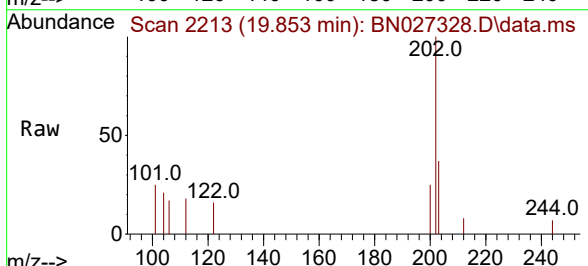
Tgt Ion:202 Resp: 2000

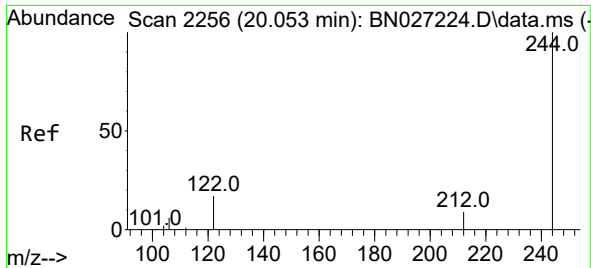
Ion Ratio Lower Upper

202 100

200 18.4 16.6 25.0

203 20.8 14.2 21.4

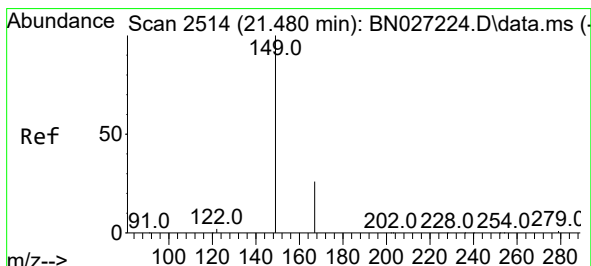
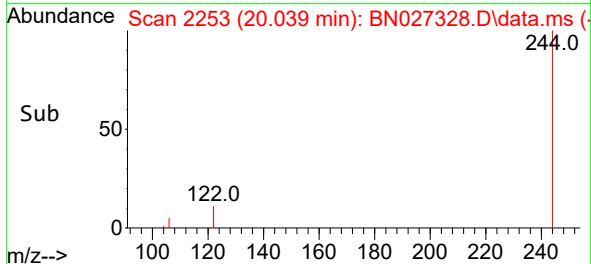
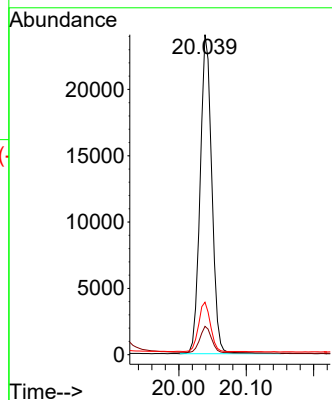
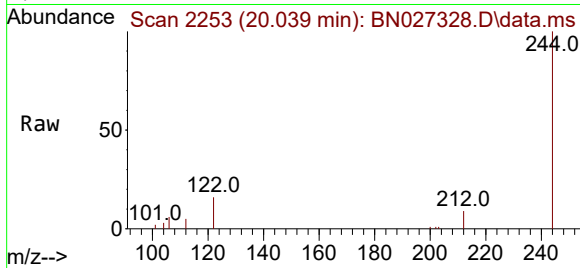




#31
 Terphenyl-d14
 Concen: 0.726 ng
 RT: 20.039 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BN027328.D
 Acq: 01 Sep 2023 02:48

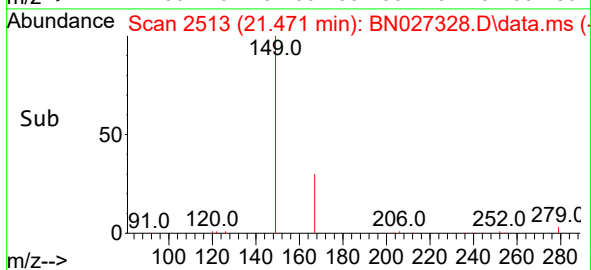
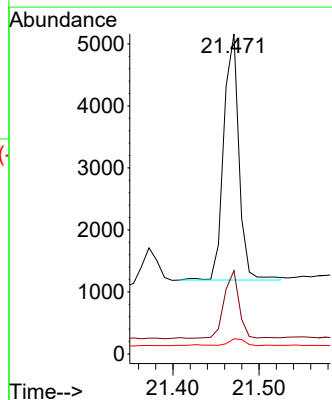
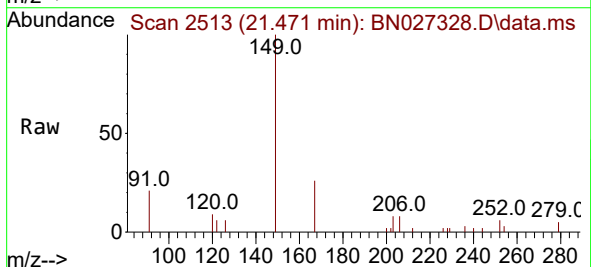
Instrument :
 BNA_N
 ClientSampleId :
 BR-02-133-082823-H

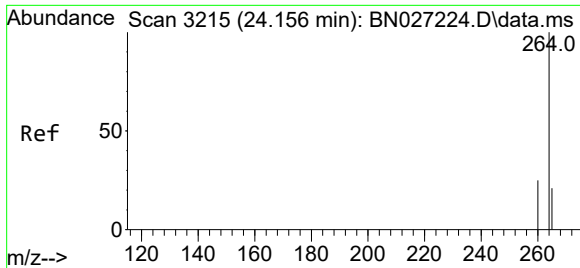
Tgt Ion:244 Resp: 28787
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.5 11.3
 122 16.4 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.149 ng
 RT: 21.471 min Scan# 2513
 Delta R.T. -0.009 min
 Lab File: BN027328.D
 Acq: 01 Sep 2023 02:48

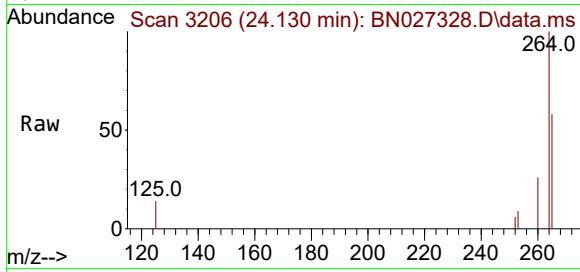
Tgt Ion:149 Resp: 4869
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.1 33.1
 279 2.9 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.130 min Scan# 31
 Delta R.T. -0.026 min
 Lab File: BN027328.D
 Acq: 01 Sep 2023 02:48

Instrument :
 BNA_N
 ClientSampleId :
 BR-02-133-082823-H



Tgt Ion:264 Resp: 18659

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.7	31.1
265	57.7	53.3	79.9

