

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
 Data File : BN027740.D
 Acq On : 18 Sep 2023 18:42
 Operator : MA/JU
 Sample : 04437-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-240-242

Quant Time: Sep 19 04:03:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 14:40:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

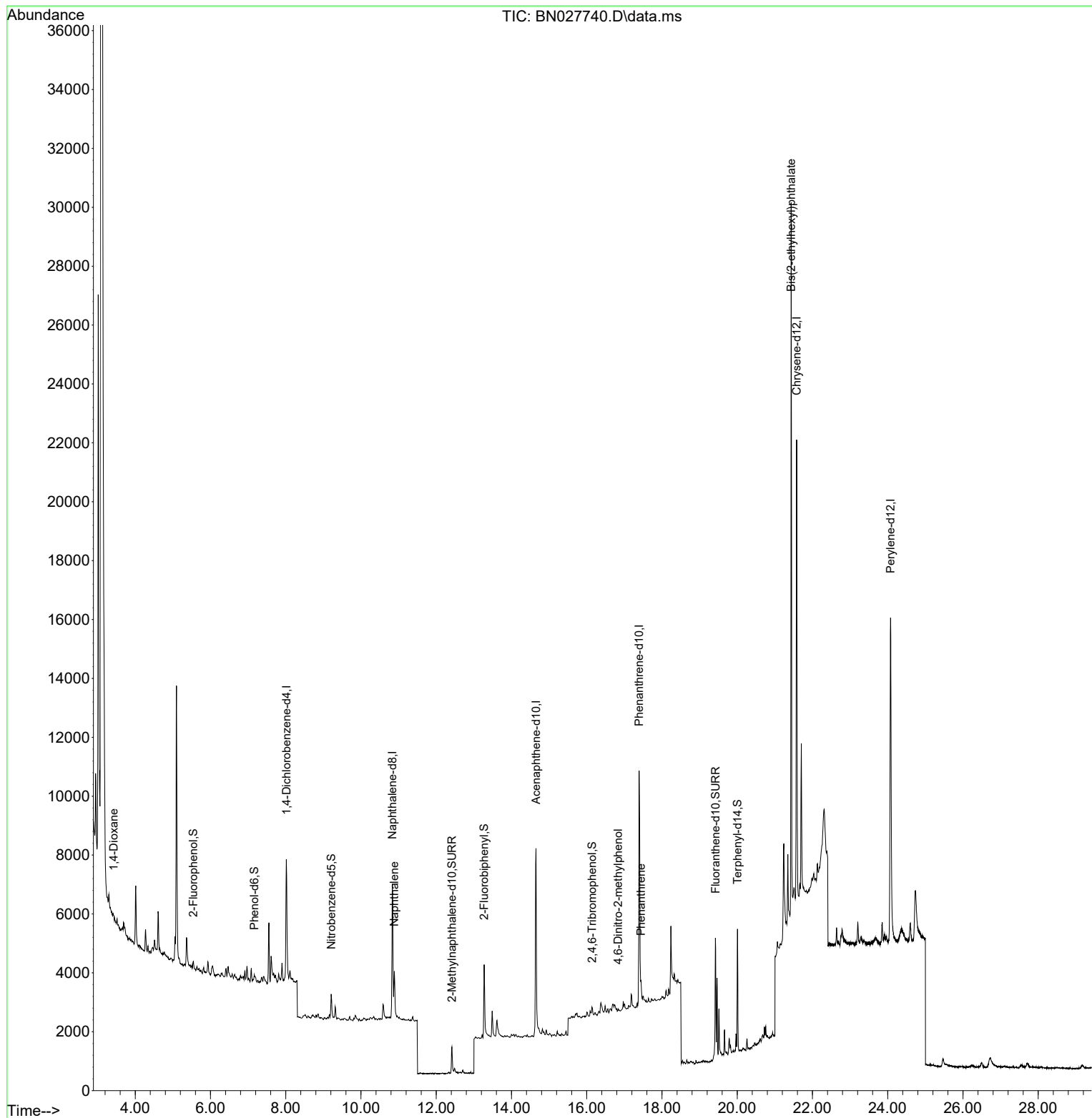
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	2038	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	6836	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	4643	0.400	ng	0.01
19) Phenanthrene-d10	17.393	188	12386	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	14660	0.400	ng	# 0.00
35) Perylene-d12	24.074	264	17481	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.545	112	241	0.045	ng	0.00
5) Phenol-d6	7.163	99	194	0.030	ng	0.00
8) Nitrobenzene-d5	9.208	82	903	0.163	ng	0.00
11) 2-Methylnaphthalene-d10	12.415	152	1553	0.154	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	204	0.094	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	2804	0.177	ng	0.00
27) Fluoranthene-d10	19.421	212	4545	0.131	ng	0.00
31) Terphenyl-d14	20.006	244	4099	0.149	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.429	88	178	0.075	ng	# 75
9) Naphthalene	10.885	128	1561	0.083	ng	# 79
20) 4,6-Dinitro-2-methylph...	16.834	198	10	0.052	ng	# 1
25) Phenanthrene	17.443	178	850	0.024	ng	97
34) Bis(2-ethylhexyl)phtha...	21.435	149	20176	0.818	ng	100

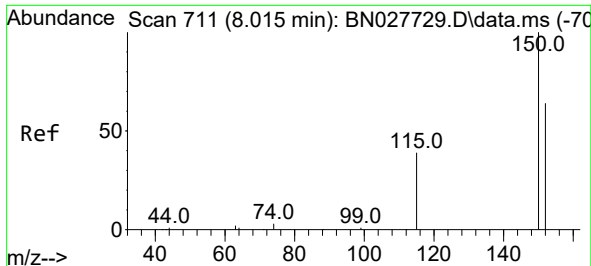
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
Data File : BN027740.D
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Operator : MA/JU
Sample : 04437-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
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BP-VPB-RW10A-GW-240-242

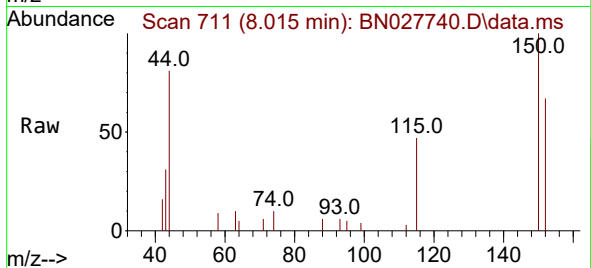
Quant Time: Sep 19 04:03:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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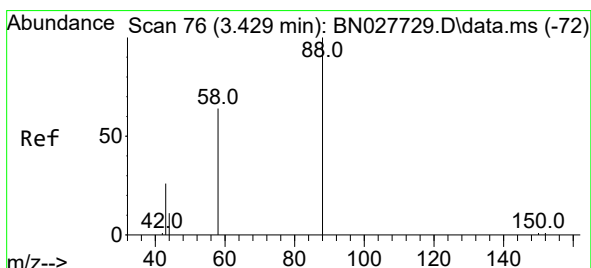
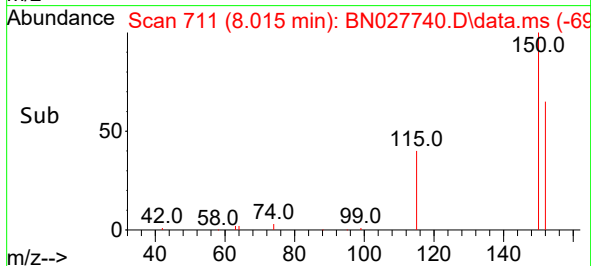
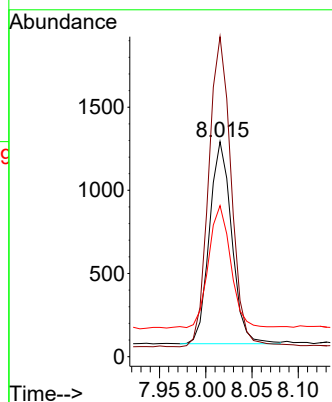
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.015 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: BN027740.D
 Acq: 18 Sep 2023 18:42

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-240-242



Tgt Ion: 152 Resp: 2038

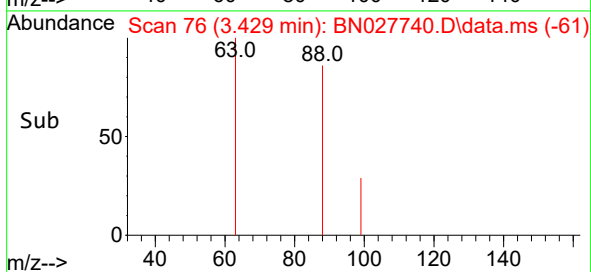
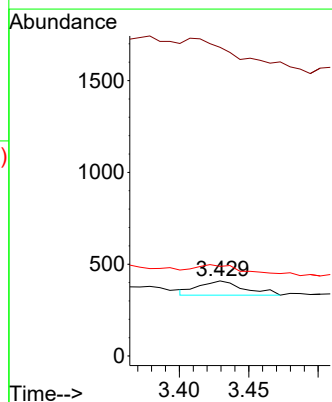
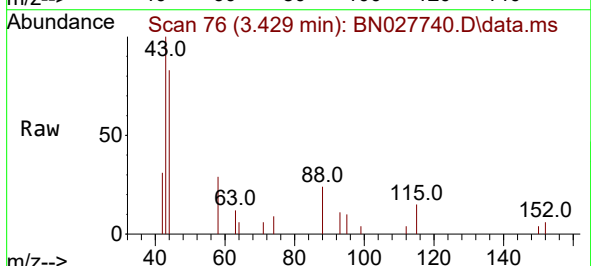
Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.2	178.8
115	70.2	53.8	80.8

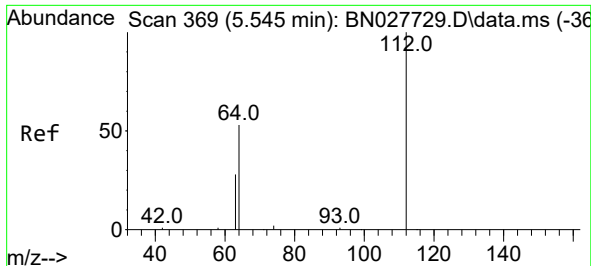


#2
 1,4-Dioxane
 Concen: 0.075 ng
 RT: 3.429 min Scan# 76
 Delta R.T. 0.007 min
 Lab File: BN027740.D
 Acq: 18 Sep 2023 18:42

Tgt Ion: 88 Resp: 178

Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.5	32.3
58	56.2	54.4	81.6

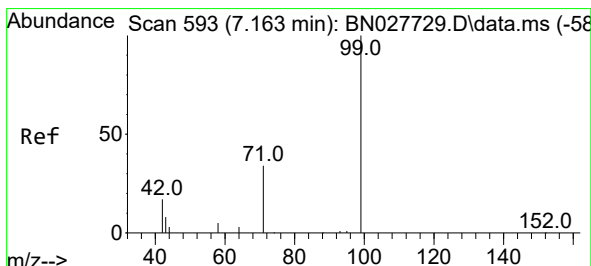
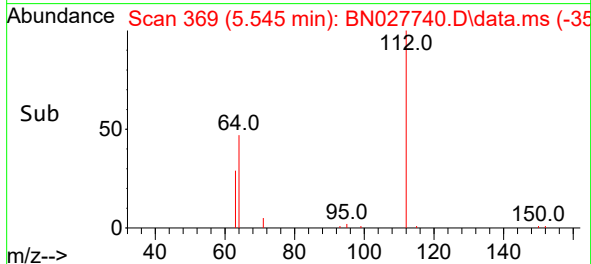
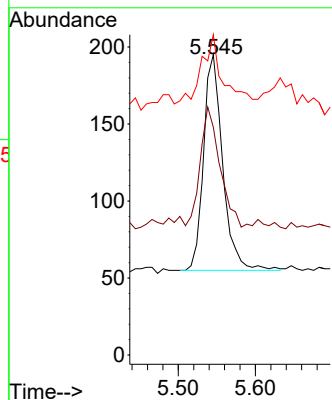
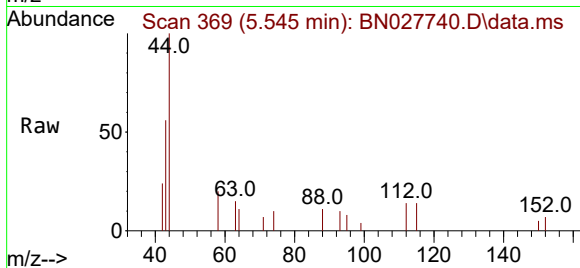




#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.545 min Scan# 369
Delta R.T. 0.000 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

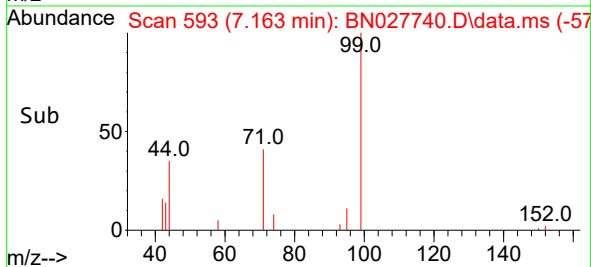
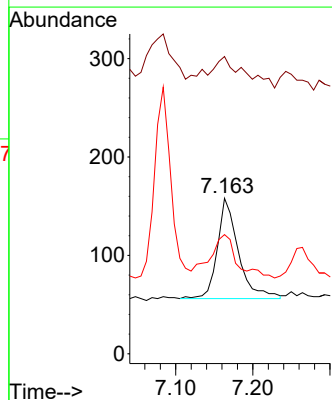
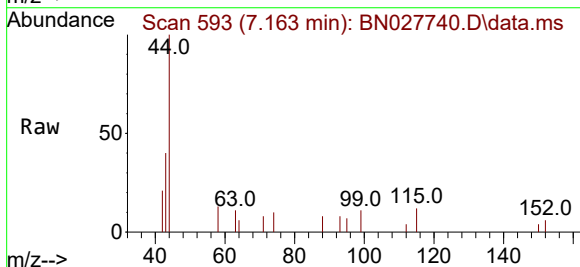
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-240-242

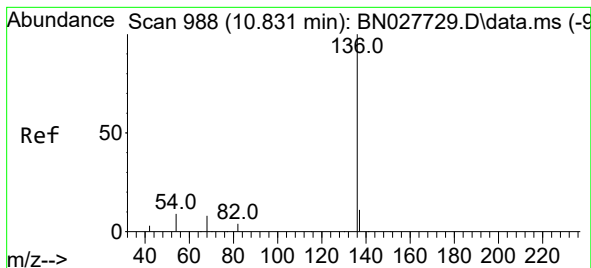
Tgt Ion: 112 Resp: 241
Ion Ratio Lower Upper
112 100
64 56.4 45.0 67.6
63 35.3 24.1 36.1



#5
Phenol-d6
Concen: 0.030 ng
RT: 7.163 min Scan# 593
Delta R.T. 0.007 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

Tgt Ion: 99 Resp: 194
Ion Ratio Lower Upper
99 100
42 50.0 15.8 23.8#
71 54.6 27.3 40.9#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.831 min Scan# 988

Delta R.T. 0.000 min

Lab File: BN027740.D

Acq: 18 Sep 2023 18:42

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-240-242

Tgt Ion:136 Resp: 6836

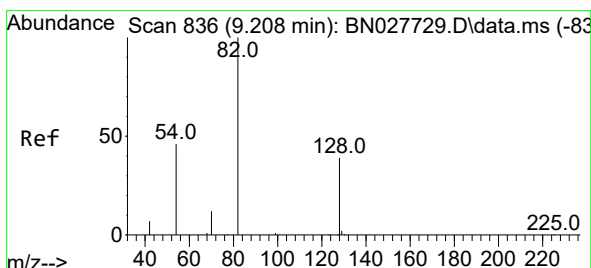
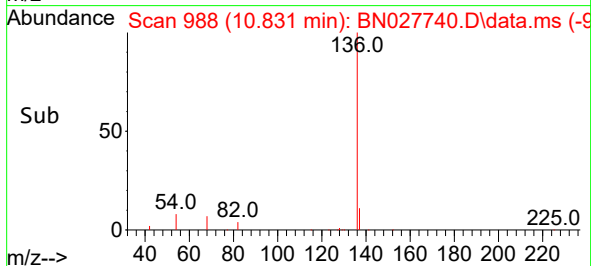
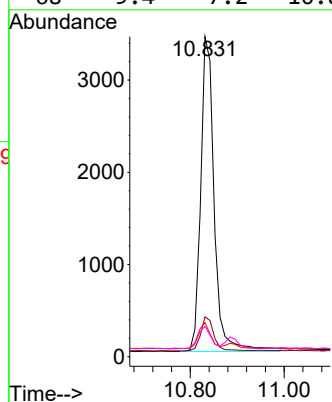
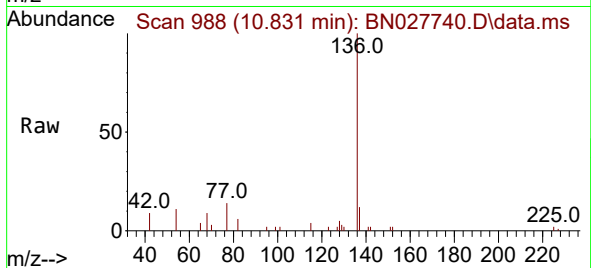
Ion Ratio Lower Upper

136 100

137 12.4 9.8 14.8

54 10.6 7.8 11.6

68 9.4 7.2 10.8



#8

Nitrobenzene-d5

Concen: 0.163 ng

RT: 9.208 min Scan# 836

Delta R.T. 0.000 min

Lab File: BN027740.D

Acq: 18 Sep 2023 18:42

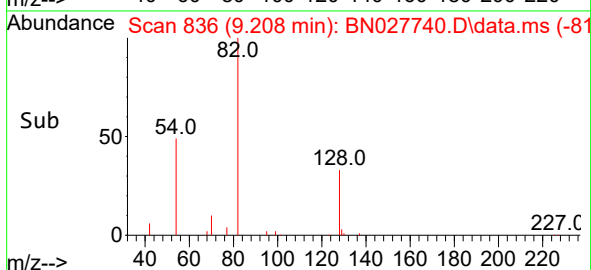
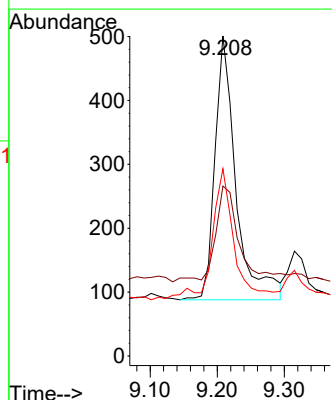
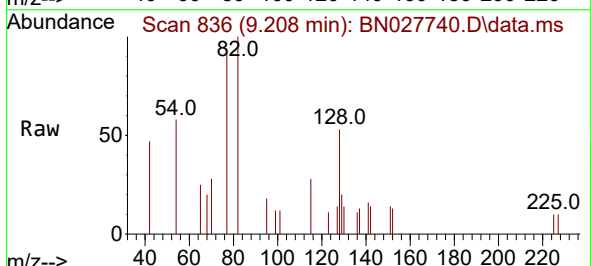
Tgt Ion: 82 Resp: 903

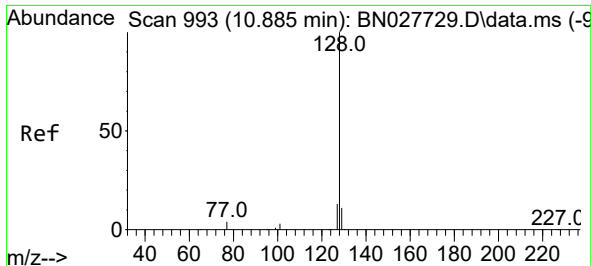
Ion Ratio Lower Upper

82 100

128 53.1 35.1 52.7#

54 58.5 35.1 52.7#

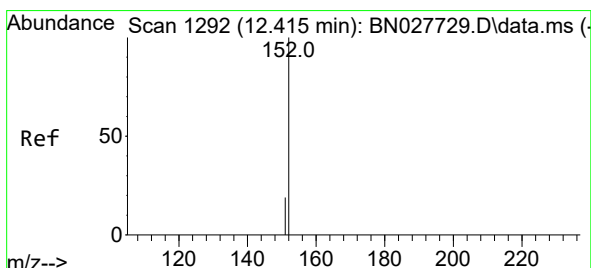
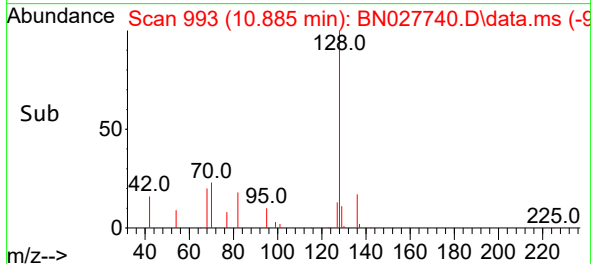
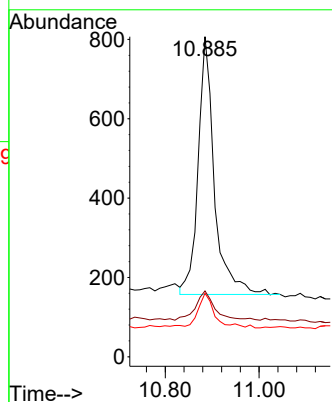
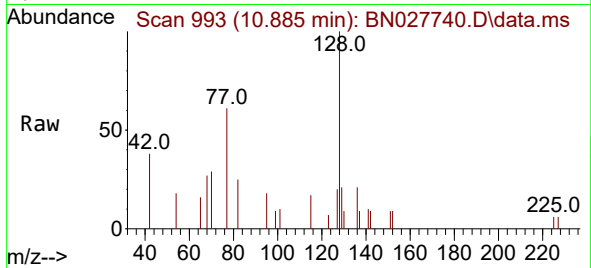




#9
Naphthalene
Concen: 0.083 ng
RT: 10.885 min Scan# 993
Delta R.T. 0.000 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

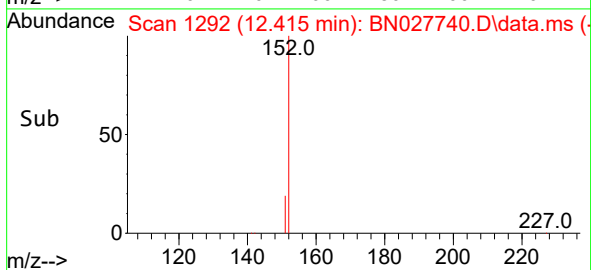
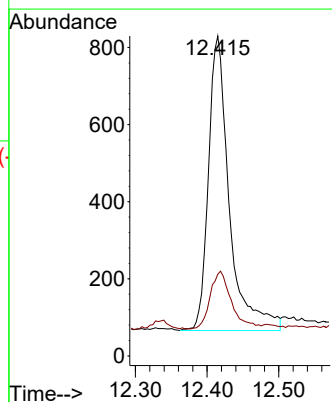
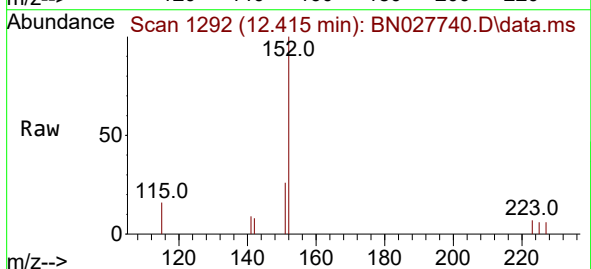
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-240-242

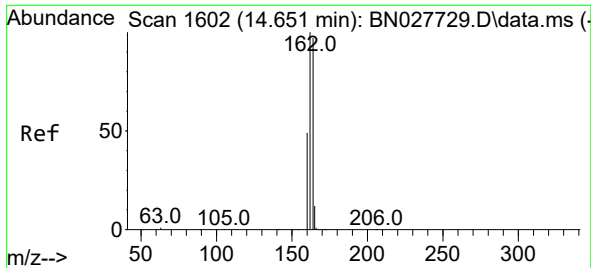
Tgt Ion:128 Resp: 1561
Ion Ratio Lower Upper
128 100
129 20.6 8.9 13.3#
127 19.8 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.154 ng
RT: 12.415 min Scan# 1292
Delta R.T. 0.004 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

Tgt Ion:152 Resp: 1553
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7

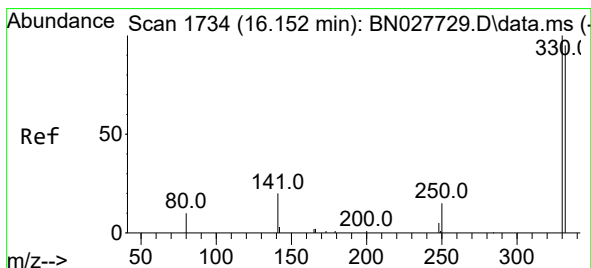
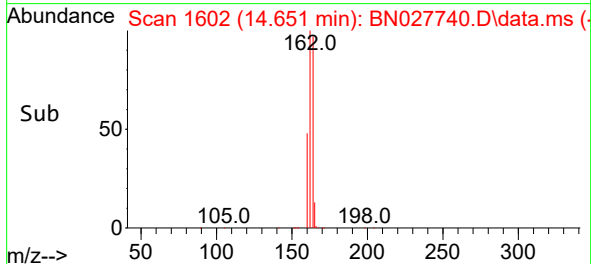
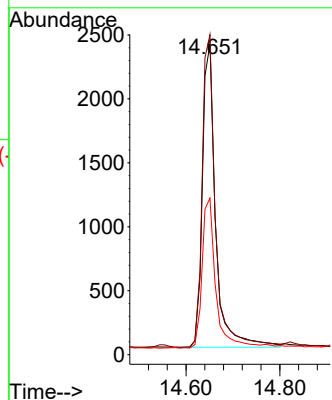
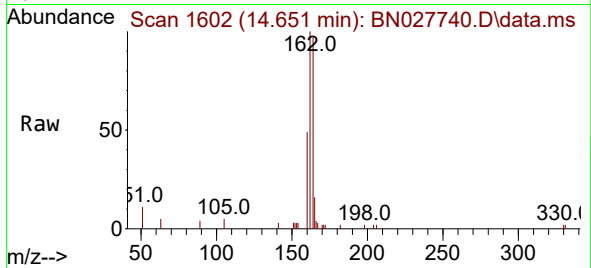




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. 0.011 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

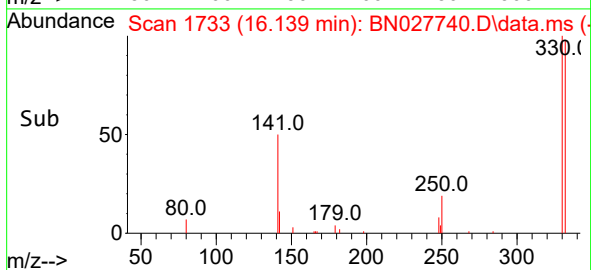
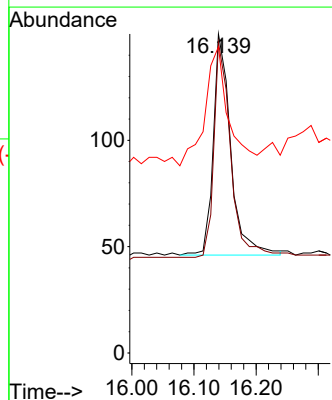
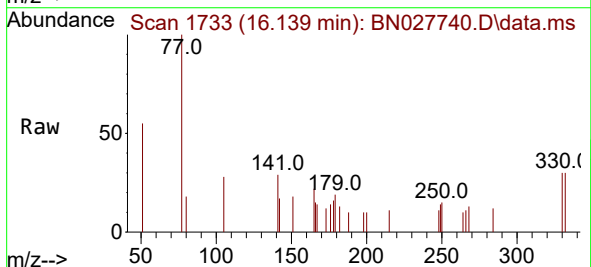
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-240-242

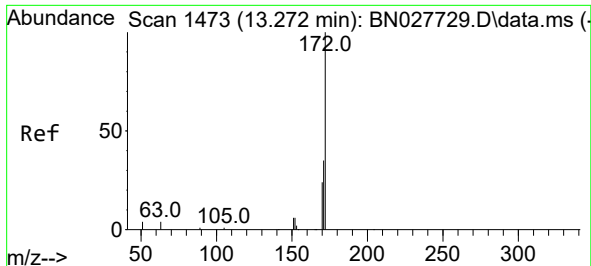
Tgt Ion:164 Resp: 4643
Ion Ratio Lower Upper
164 100
162 103.0 83.4 125.2
160 50.4 41.0 61.4



#14
2,4,6-Tribromophenol
Concen: 0.094 ng
RT: 16.139 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

Tgt Ion:330 Resp: 204
Ion Ratio Lower Upper
330 100
332 93.1 76.6 115.0
141 72.1 38.2 57.2#

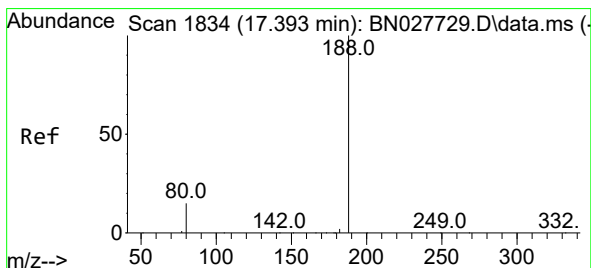
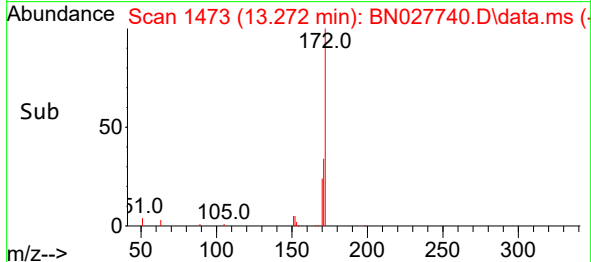
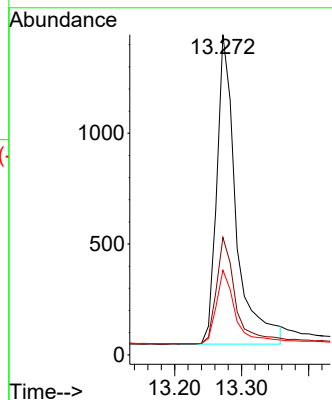
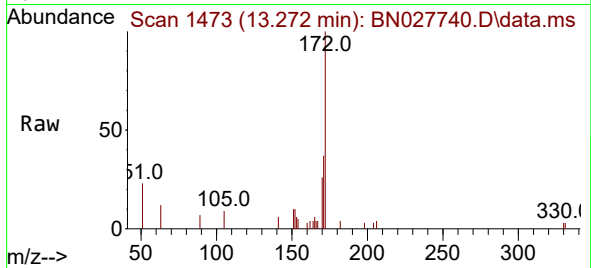




#15
2-Fluorobiphenyl
Concen: 0.177 ng
RT: 13.272 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

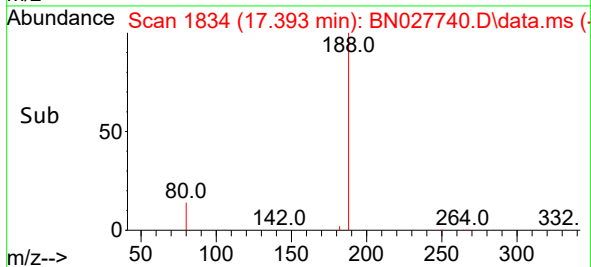
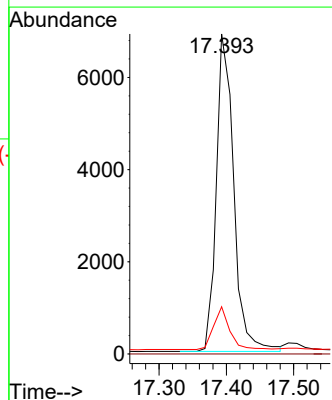
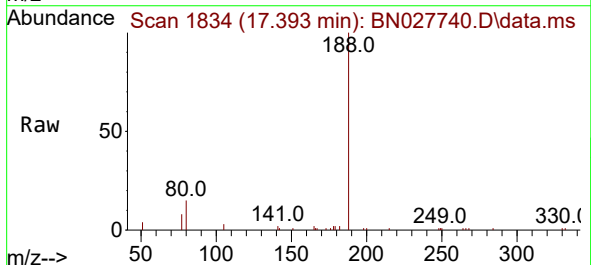
Instrument :
BNA_N
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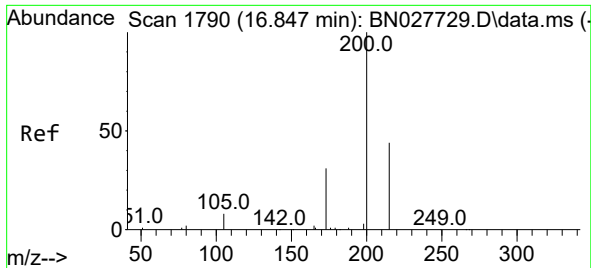
Tgt Ion:	172	Resp:	2804
Ion Ratio	Lower	Upper	
172	100		
171	36.7	27.6	41.4
170	26.4	18.7	28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

Tgt Ion:	188	Resp:	12386
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.8	9.5	14.3

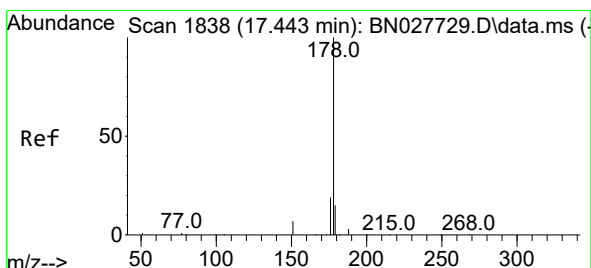
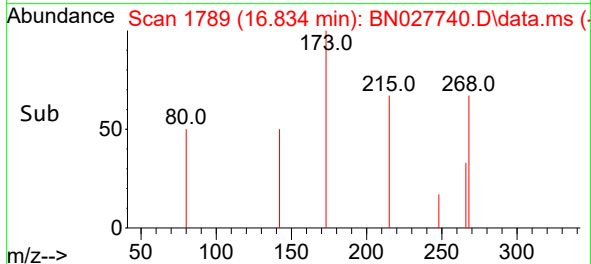
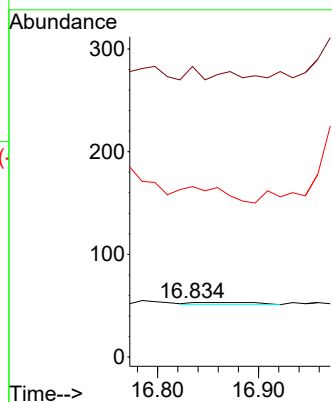
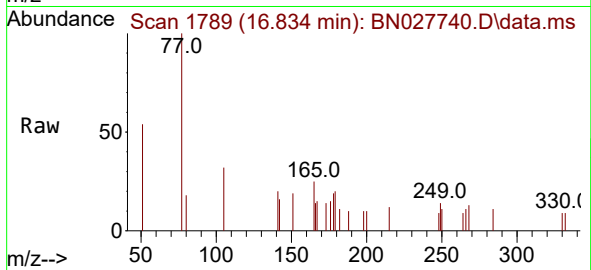




#20
4,6-Dinitro-2-methylphenol
Concen: 0.052 ng
RT: 16.834 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

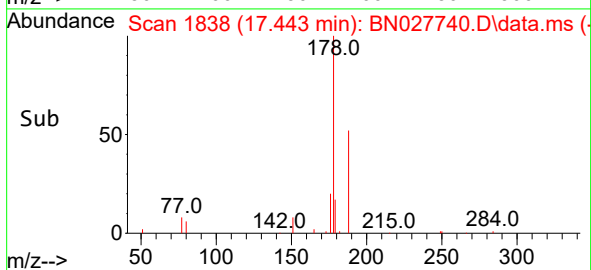
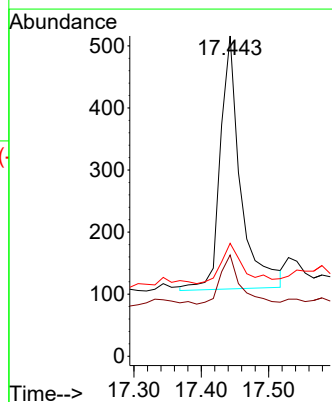
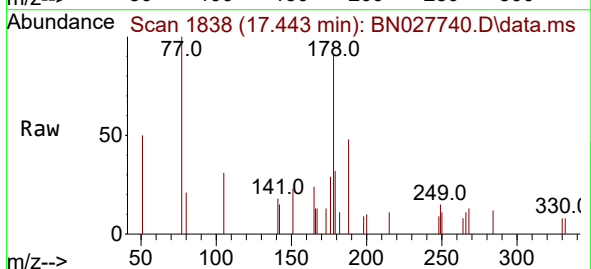
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-240-242

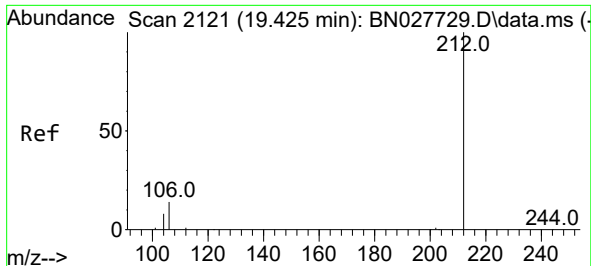
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 534.0 30.0 45.0#
105 313.2 145.9 218.9#



#25
Phenanthrene
Concen: 0.024 ng
RT: 17.443 min Scan# 1838
Delta R.T. 0.012 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

Tgt Ion:178 Resp: 850
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 17.5 12.2 18.2

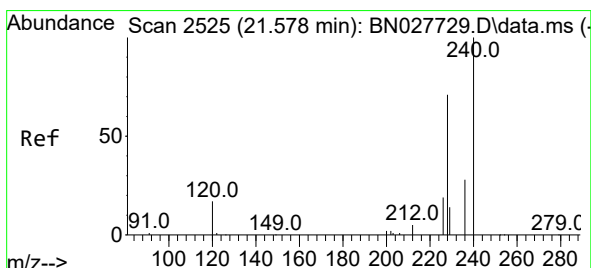
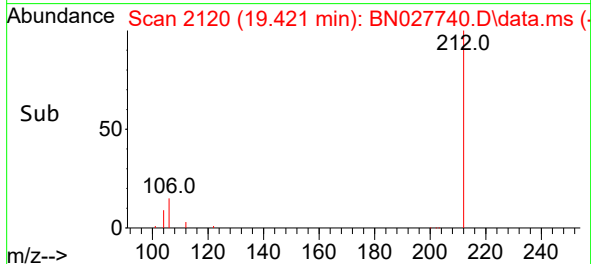
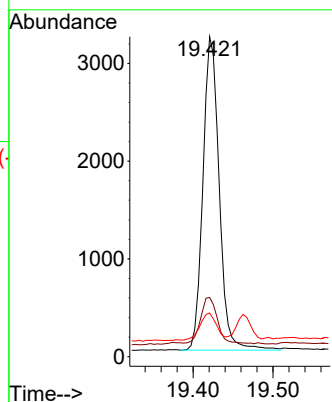
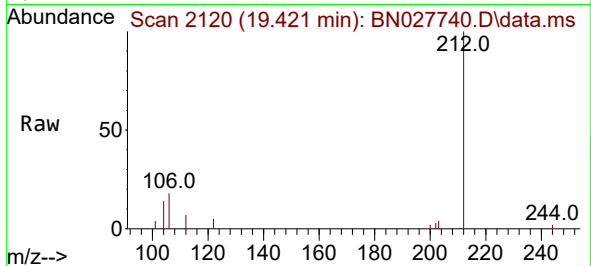




#27
Fluoranthene-d10
Concen: 0.131 ng
RT: 19.421 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

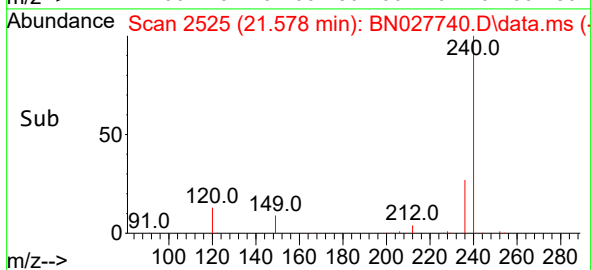
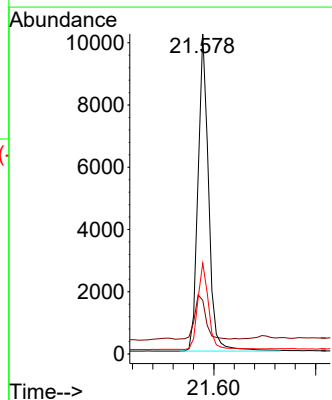
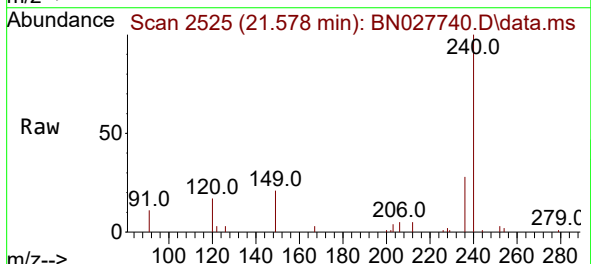
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-240-242

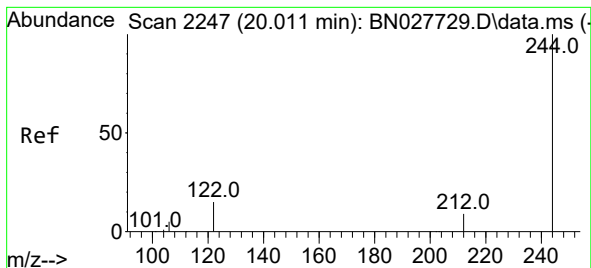
Tgt Ion:212 Resp: 4545
Ion Ratio Lower Upper
212 100
106 15.4 11.9 17.9
104 9.1 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BN027740.D
Acq: 18 Sep 2023 18:42

Tgt Ion:240 Resp: 14660
Ion Ratio Lower Upper
240 100
120 16.8 10.7 16.1#
236 28.4 22.4 33.6





#31

Terphenyl-d14

Concen: 0.149 ng

RT: 20.006 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027740.D

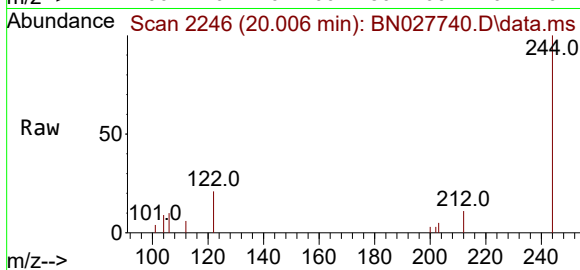
Acq: 18 Sep 2023 18:42

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-240-242



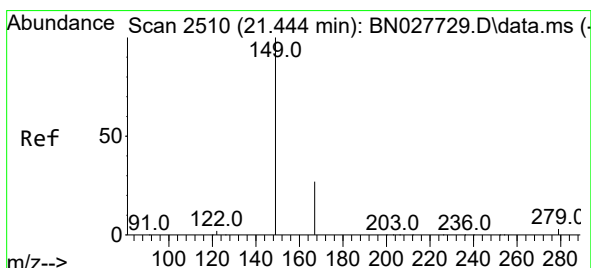
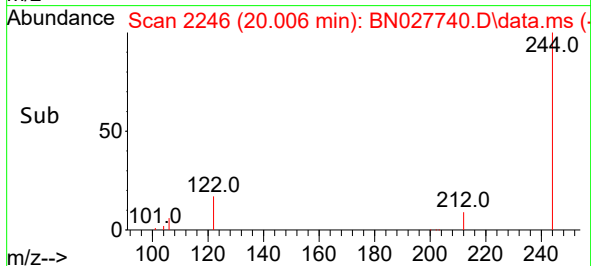
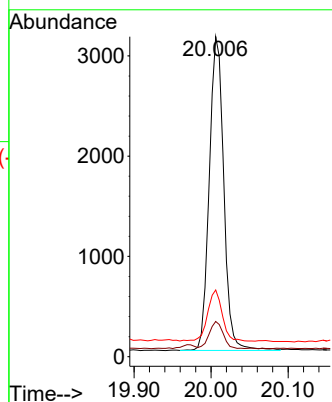
Tgt Ion:244 Resp: 4099

Ion Ratio Lower Upper

244 100

212 11.0 7.0 10.4#

122 20.8 12.7 19.1#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.818 ng

RT: 21.435 min Scan# 2509

Delta R.T. 0.000 min

Lab File: BN027740.D

Acq: 18 Sep 2023 18:42

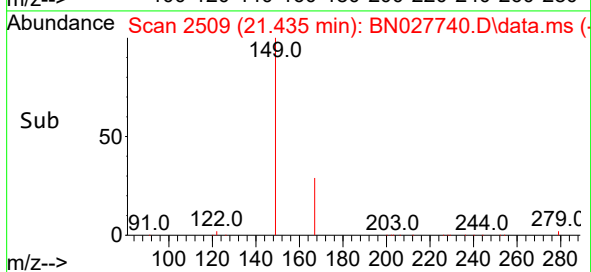
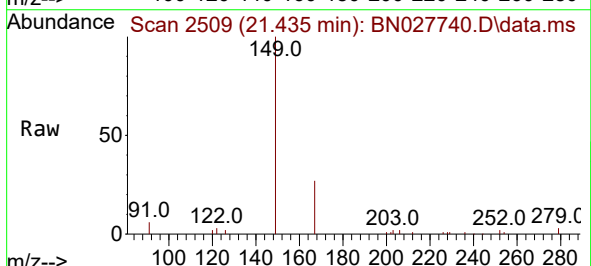
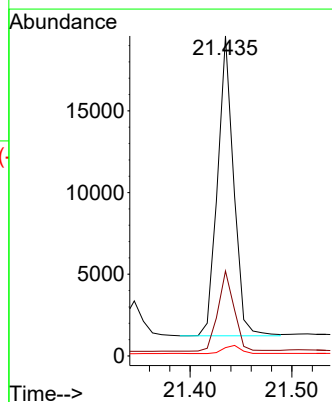
Tgt Ion:149 Resp: 20176

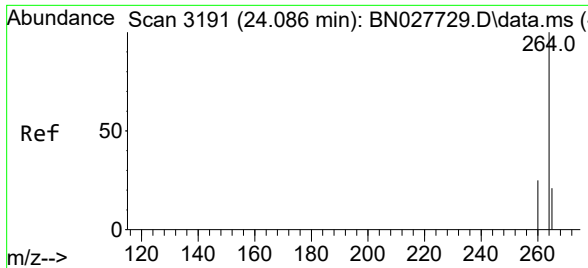
Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

279 2.9 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.074 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN027740.D
 Acq: 18 Sep 2023 18:42

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-240-242

Tgt Ion:	264	Resp:	17481
Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.9	31.3
265	58.1	56.6	85.0

