

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
 Data File : BN027741.D
 Acq On : 18 Sep 2023 19:19
 Operator : MA/JU
 Sample : 04437-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-280-282

Quant Time: Sep 19 04:03:33 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)

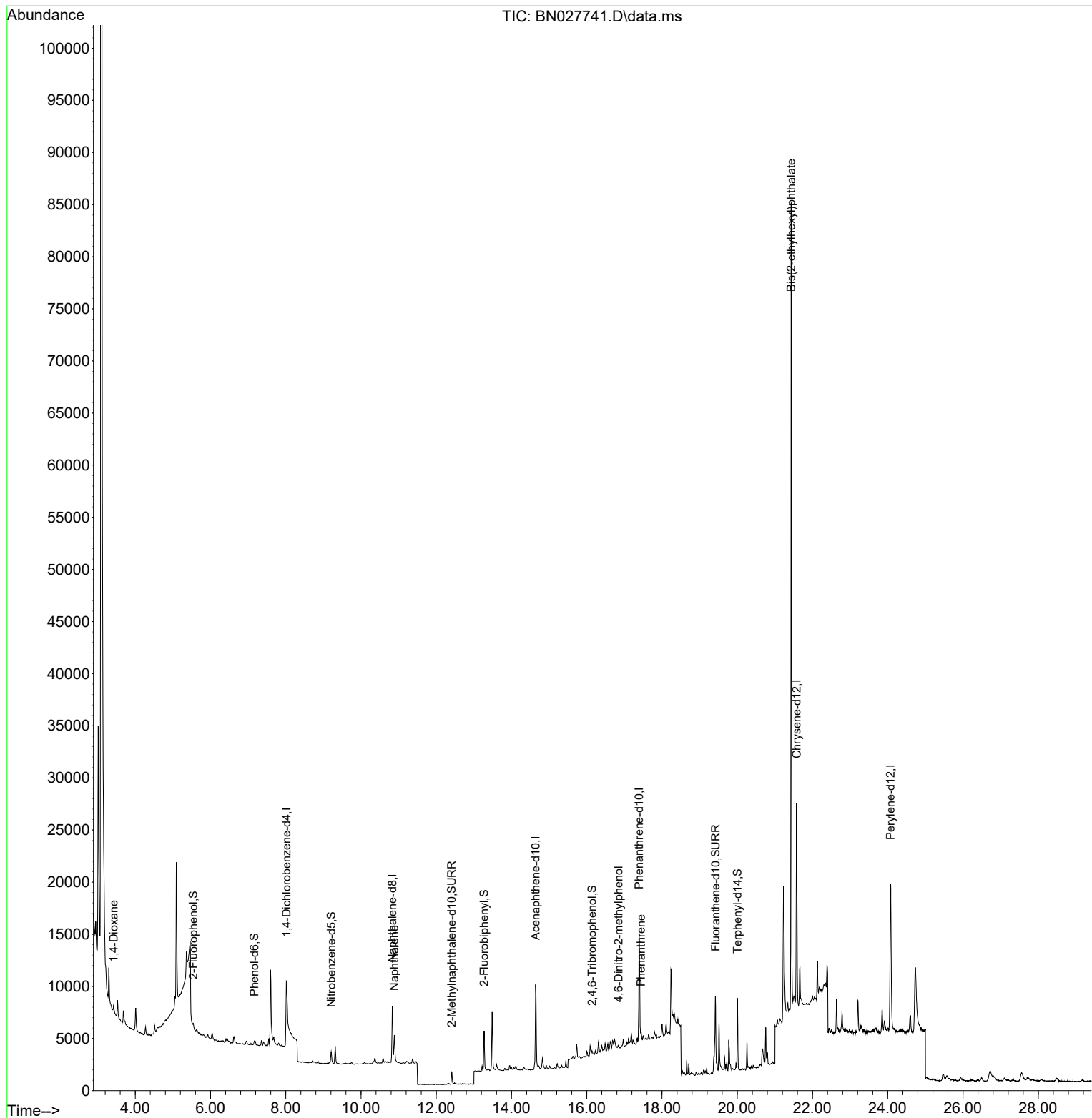
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	2228	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	7735	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	5601	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	14859	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	17927	0.400	ng	0.00
35) Perylene-d12	24.077	264	22526	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.545	112	355	0.061	ng	0.00
5) Phenol-d6	7.163	99	307	0.043	ng	0.00
8) Nitrobenzene-d5	9.208	82	1054	0.168	ng	0.00
11) 2-Methylnaphthalene-d10	12.411	152	1793	0.157	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	309	0.118	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	3605	0.189	ng	0.00
27) Fluoranthene-d10	19.420	212	7205	0.173	ng	0.00
31) Terphenyl-d14	20.006	244	6735	0.200	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.429	88	506	0.194	ng	# 74
9) Naphthalene	10.884	128	1254	0.059	ng	# 72
20) 4,6-Dinitro-2-methylph...	16.847	198	30	0.130	ng	# 1
25) Phenanthrene	17.442	178	944	0.022	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.434	149	66615	2.207	ng	100

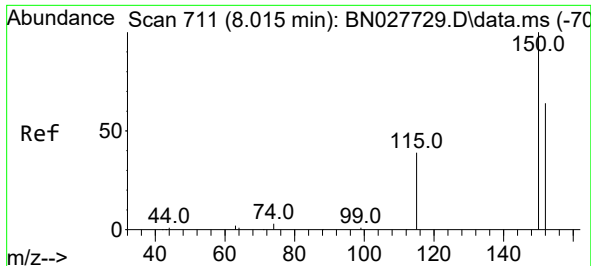
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
Data File : BN027741.D
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Instrument :
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BP-VPB-RW10A-GW-280-282

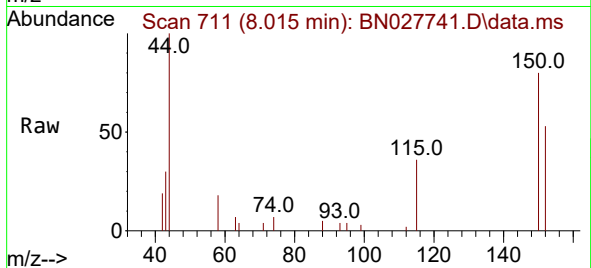
Quant Time: Sep 19 04:03:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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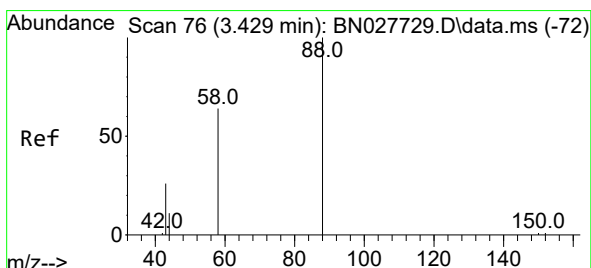
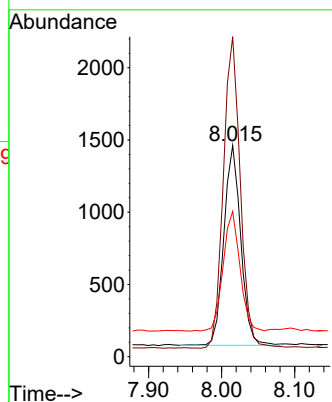
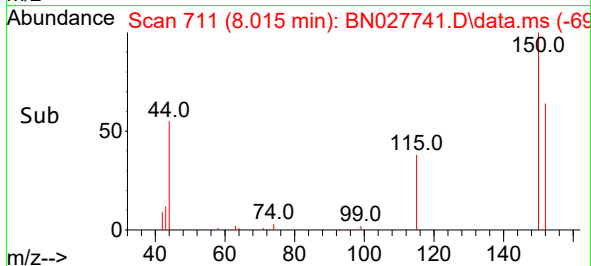


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.015 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027741.D
 Acq: 18 Sep 2023 19:19

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-280-282

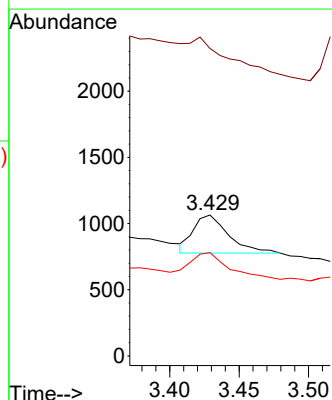
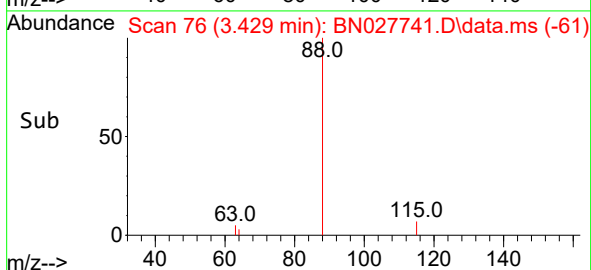
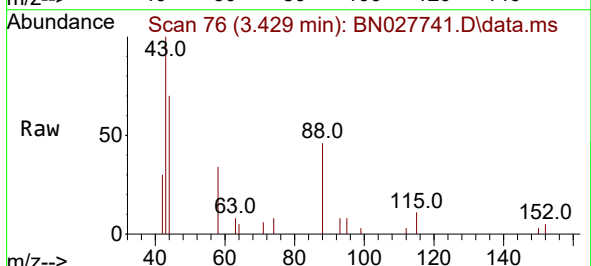


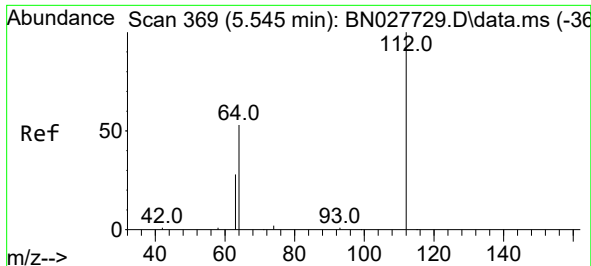
Tgt Ion: 152 Resp: 2228
 Ion Ratio Lower Upper
 152 100
 150 151.5 119.2 178.8
 115 68.8 53.8 80.8



#2
 1,4-Dioxane
 Concen: 0.194 ng
 RT: 3.429 min Scan# 76
 Delta R.T. 0.007 min
 Lab File: BN027741.D
 Acq: 18 Sep 2023 19:19

Tgt Ion: 88 Resp: 506
 Ion Ratio Lower Upper
 88 100
 43 0.0 21.5 32.3#
 58 80.6 54.4 81.6

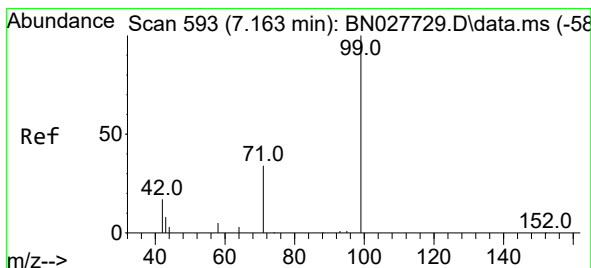
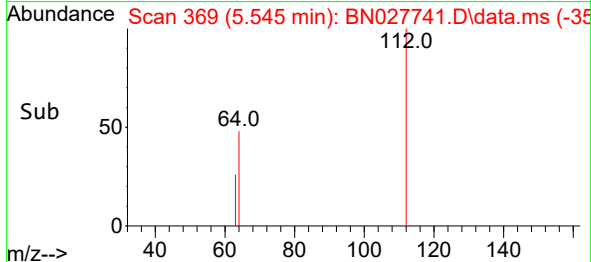
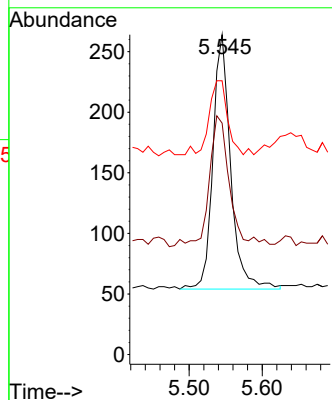
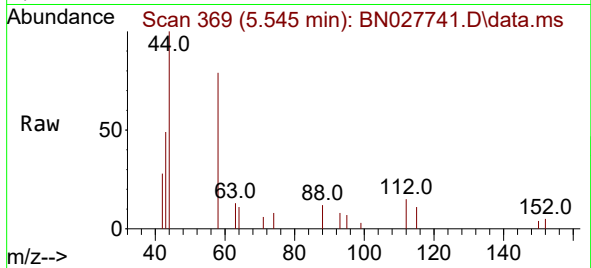




#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.545 min Scan# 307
Delta R.T. -0.000 min
Lab File: BN027741.D
Acq: 18 Sep 2023 19:19

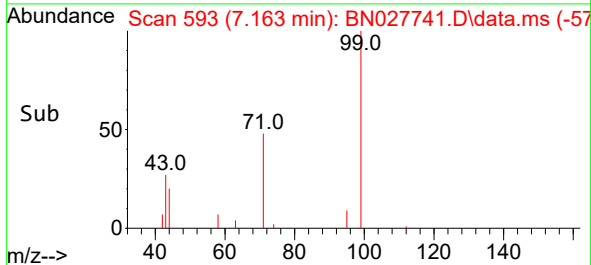
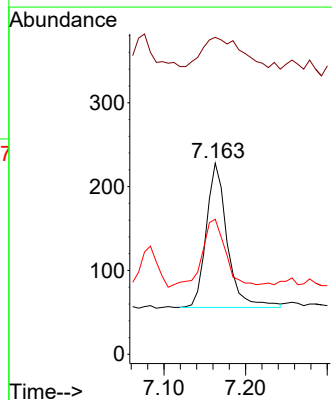
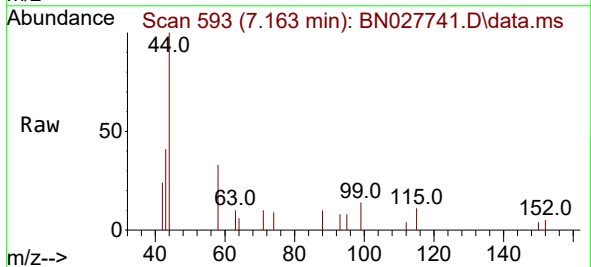
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-280-282

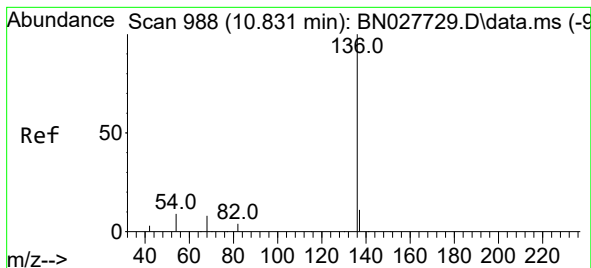
Tgt Ion:112 Resp: 355
Ion Ratio Lower Upper
112 100
64 56.9 45.0 67.6
63 29.9 24.1 36.1



#5
Phenol-d6
Concen: 0.043 ng
RT: 7.163 min Scan# 593
Delta R.T. 0.007 min
Lab File: BN027741.D
Acq: 18 Sep 2023 19:19

Tgt Ion: 99 Resp: 307
Ion Ratio Lower Upper
99 100
42 38.8 15.8 23.8#
71 46.9 27.3 40.9#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.831 min Scan# 9

Delta R.T. -0.000 min

Lab File: BN027741.D

Acq: 18 Sep 2023 19:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-280-282

Tgt Ion:136 Resp: 7735

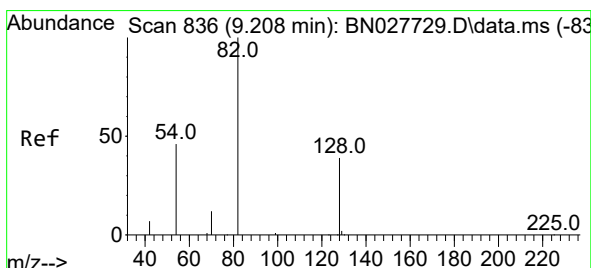
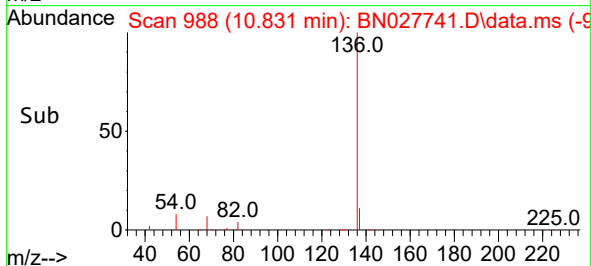
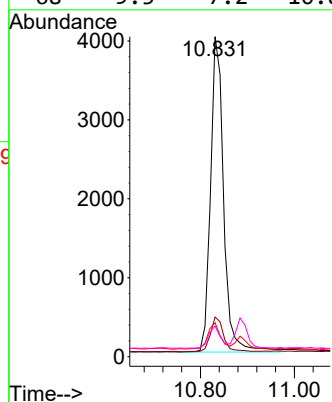
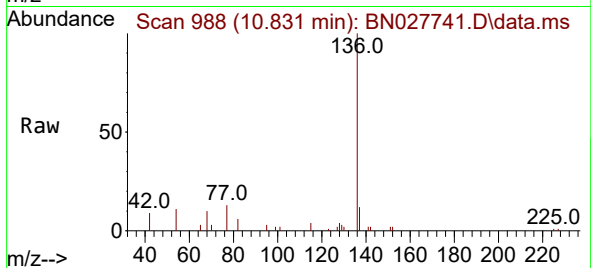
Ion Ratio Lower Upper

136 100

137 12.4 9.8 14.8

54 10.6 7.8 11.6

68 9.5 7.2 10.8



#8

Nitrobenzene-d5

Concen: 0.168 ng

RT: 9.208 min Scan# 836

Delta R.T. -0.000 min

Lab File: BN027741.D

Acq: 18 Sep 2023 19:19

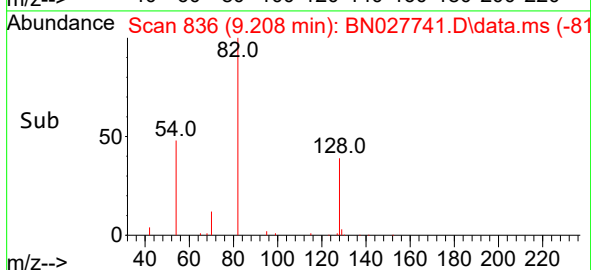
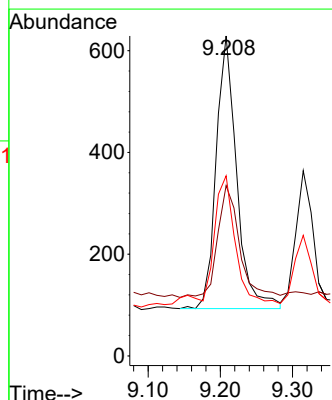
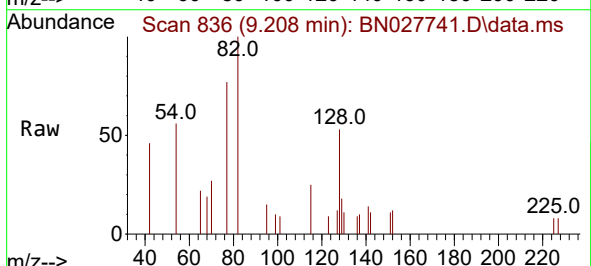
Tgt Ion: 82 Resp: 1054

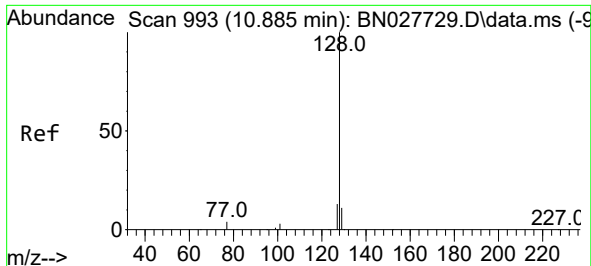
Ion Ratio Lower Upper

82 100

128 53.3 35.1 52.7#

54 56.3 35.1 52.7#

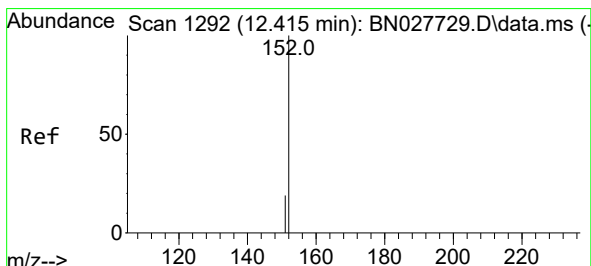
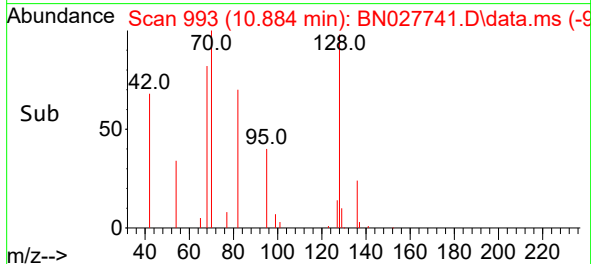
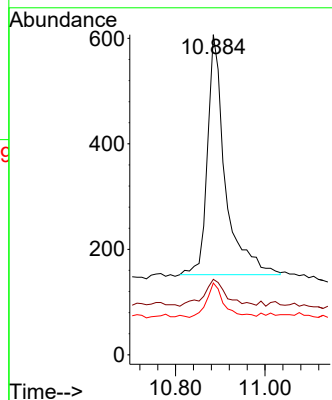
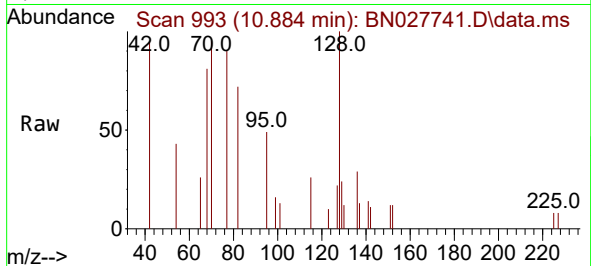




#9
Naphthalene
Concen: 0.059 ng
RT: 10.884 min Scan# 993
Delta R.T. -0.000 min
Lab File: BN027741.D
Acq: 18 Sep 2023 19:19

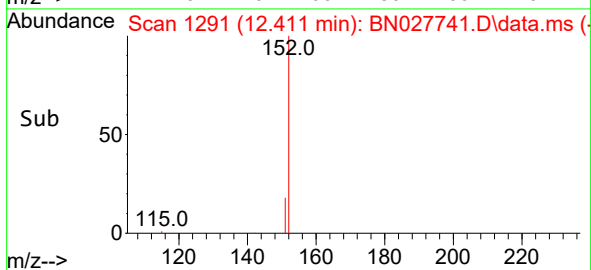
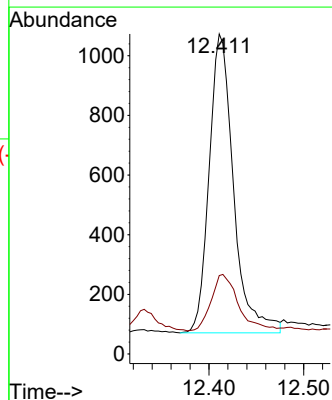
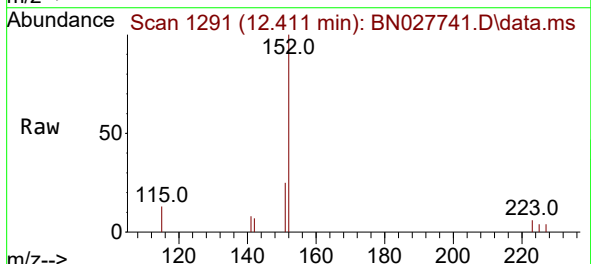
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-280-282

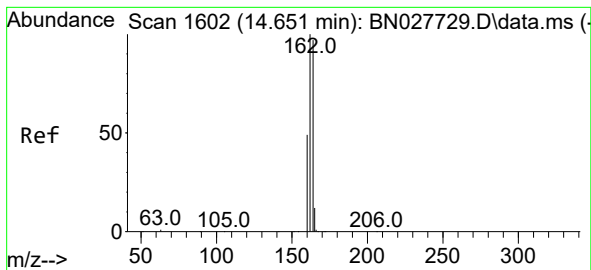
Tgt Ion:128 Resp: 1254
Ion Ratio Lower Upper
128 100
129 23.6 8.9 13.3#
127 22.4 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.157 ng
RT: 12.411 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN027741.D
Acq: 18 Sep 2023 19:19

Tgt Ion:152 Resp: 1793
Ion Ratio Lower Upper
152 100
151 21.1 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN027741.D

Acq: 18 Sep 2023 19:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-280-282

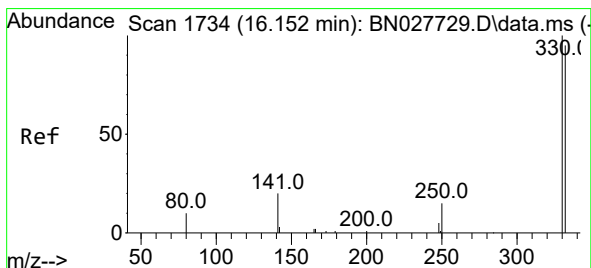
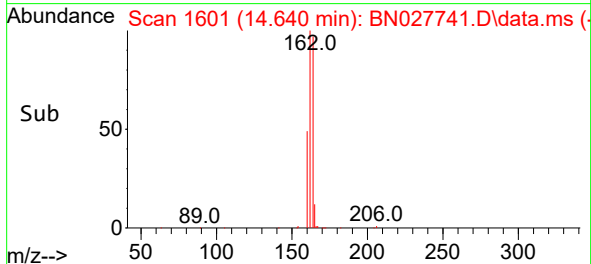
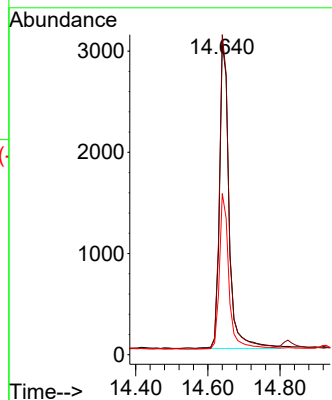
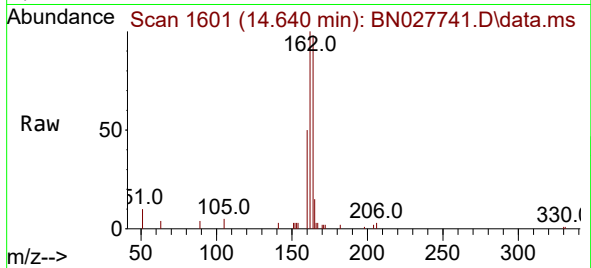
Tgt Ion:164 Resp: 5601

Ion Ratio Lower Upper

164 100

162 102.5 83.4 125.2

160 51.6 41.0 61.4



#14

2,4,6-Tribromophenol

Concen: 0.118 ng

RT: 16.139 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BN027741.D

Acq: 18 Sep 2023 19:19

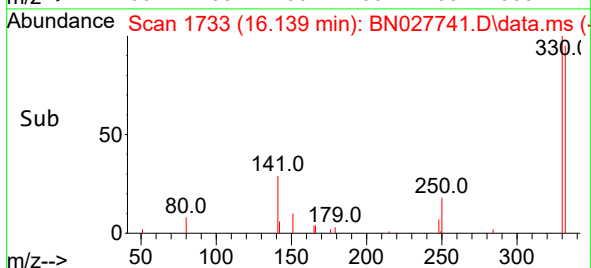
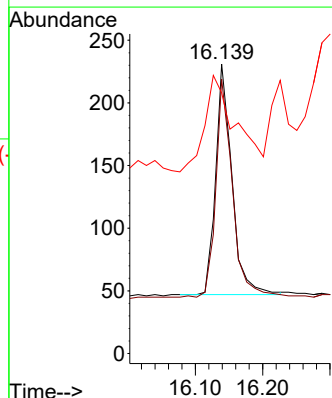
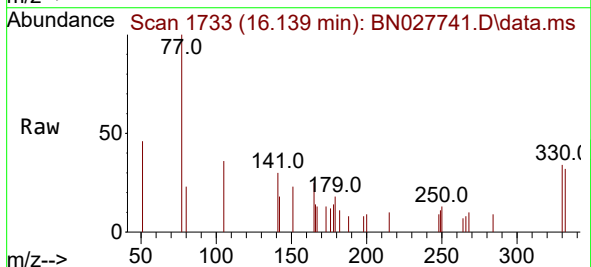
Tgt Ion:330 Resp: 309

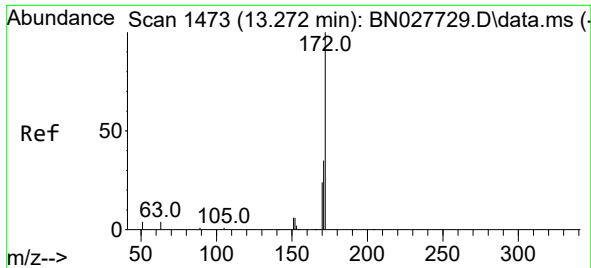
Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

141 80.6 38.2 57.2#

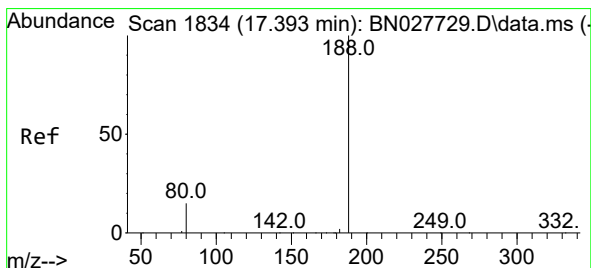
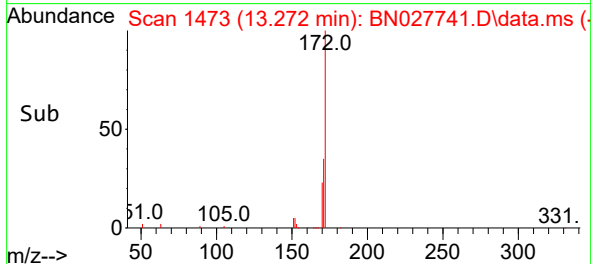
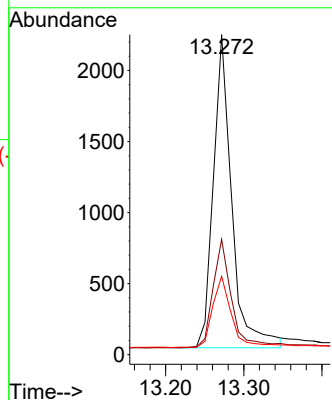
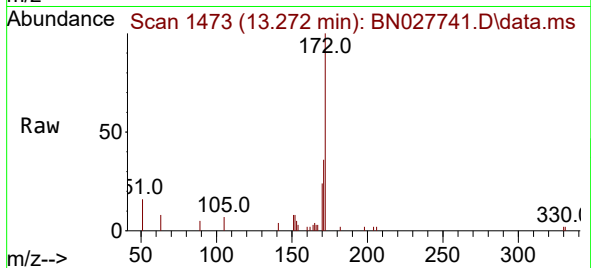




#15
2-Fluorobiphenyl
Concen: 0.189 ng
RT: 13.272 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN027741.D
Acq: 18 Sep 2023 19:19

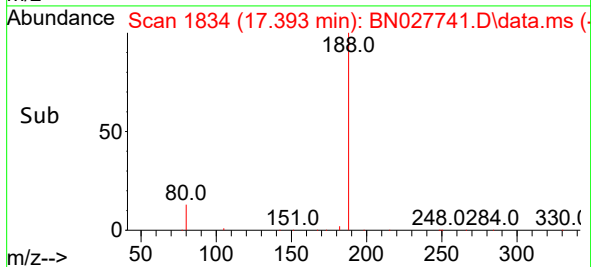
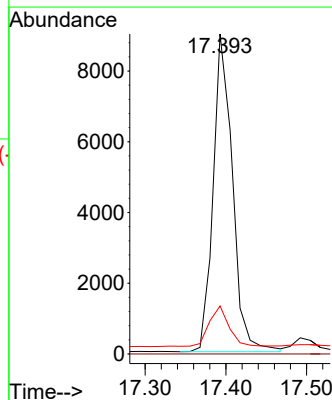
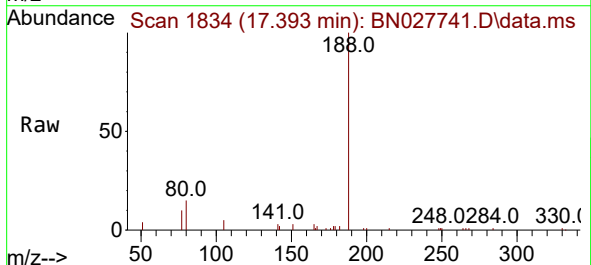
Instrument :
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BP-VPB-RW10A-GW-280-282

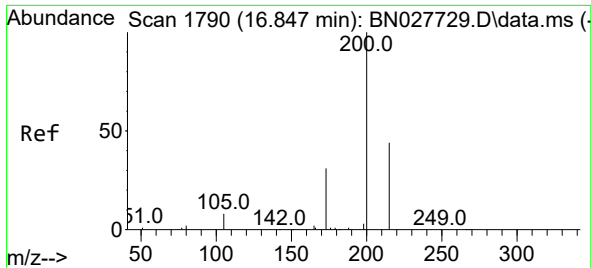
Tgt Ion:	172	Resp:	3605
Ion Ratio	Lower	Upper	
172	100		
171	36.1	27.6	41.4
170	24.5	18.7	28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BN027741.D
Acq: 18 Sep 2023 19:19

Tgt Ion:	188	Resp:	14859
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.0	9.5	14.3

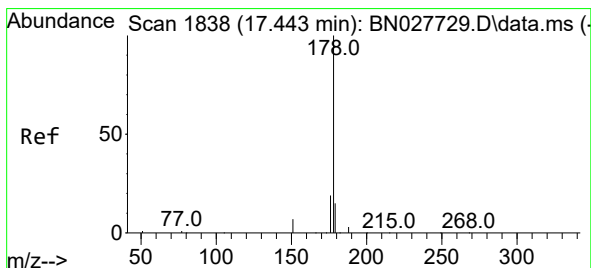
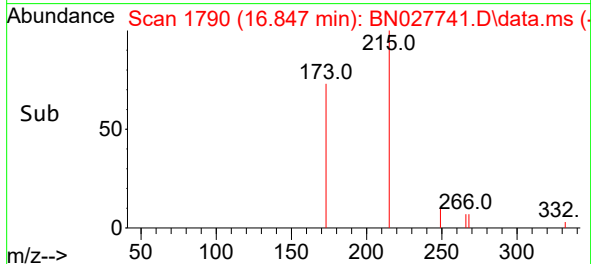
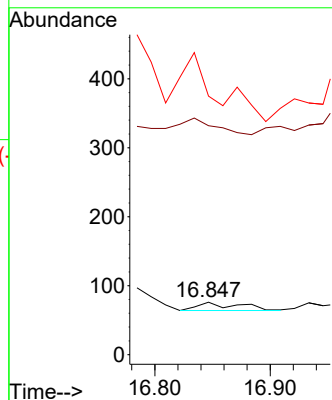
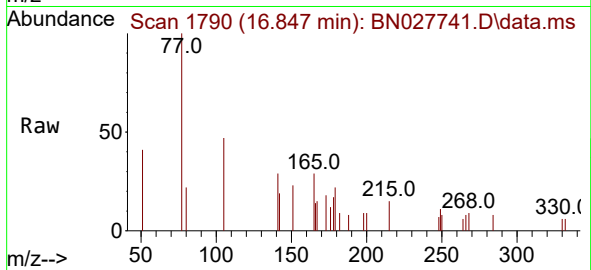




#20
4,6-Dinitro-2-methylphenol
Concen: 0.130 ng
RT: 16.847 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN027741.D
Acq: 18 Sep 2023 19:19

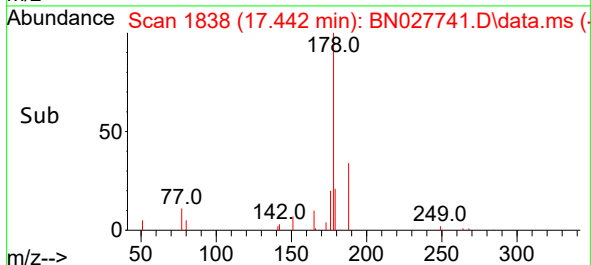
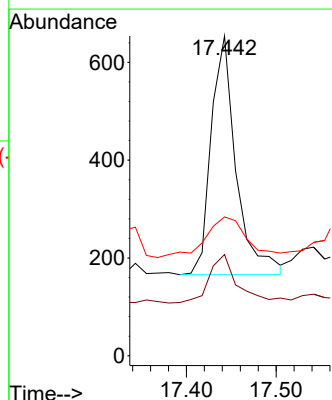
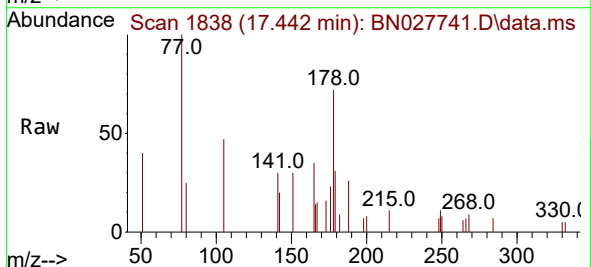
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-280-282

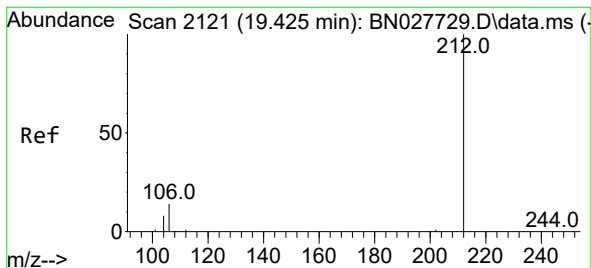
Tgt Ion:198 Resp: 30
Ion Ratio Lower Upper
198 100
51 436.8 30.0 45.0#
105 493.4 145.9 218.9#



#25
Phenanthrene
Concen: 0.022 ng
RT: 17.442 min Scan# 1838
Delta R.T. 0.012 min
Lab File: BN027741.D
Acq: 18 Sep 2023 19:19

Tgt Ion:178 Resp: 944
Ion Ratio Lower Upper
178 100
176 23.4 15.4 23.2#
179 27.9 12.2 18.2#





#27

Fluoranthene-d10

Concen: 0.173 ng

RT: 19.420 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BN027741.D

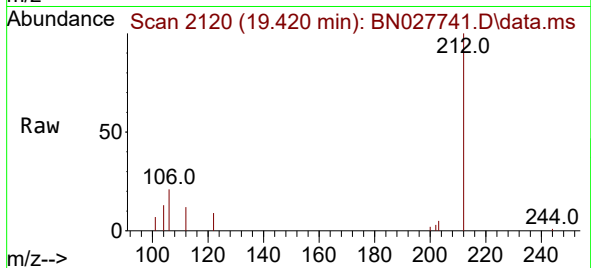
Acq: 18 Sep 2023 19:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-280-282



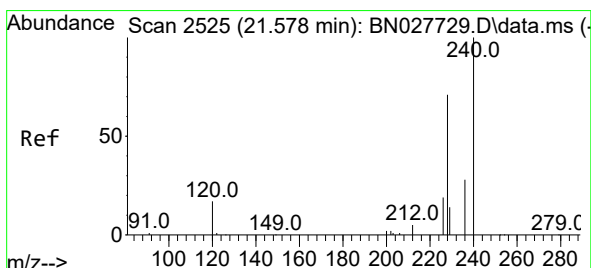
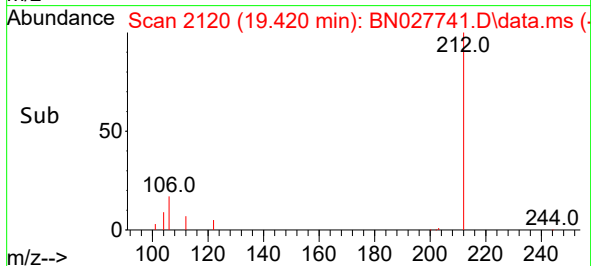
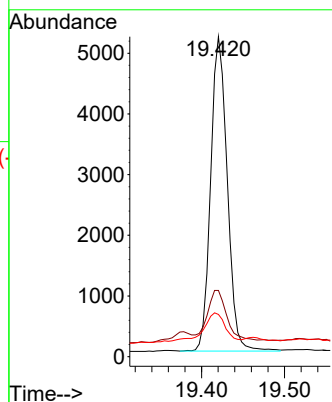
Tgt Ion:212 Resp: 7205

Ion Ratio Lower Upper

212 100

106 19.5 11.9 17.9#

104 13.1 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: BN027741.D

Acq: 18 Sep 2023 19:19

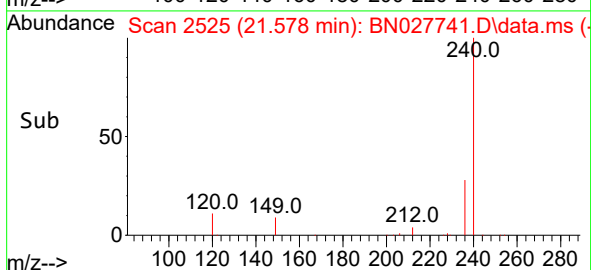
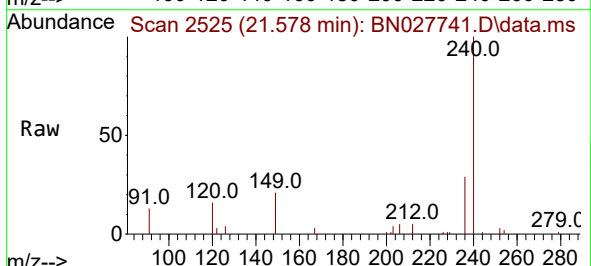
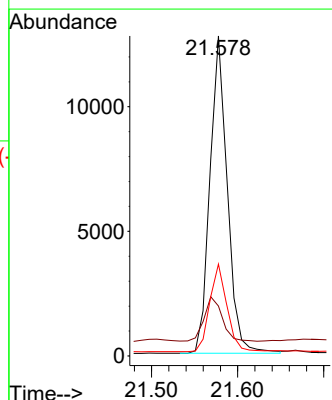
Tgt Ion:240 Resp: 17927

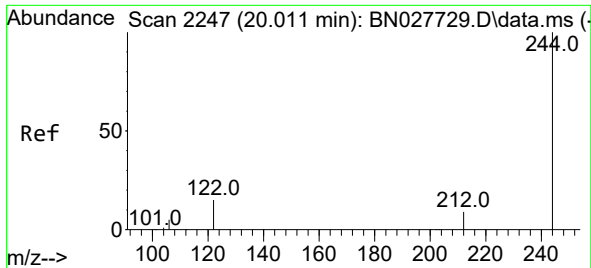
Ion Ratio Lower Upper

240 100

120 15.6 10.7 16.1

236 28.7 22.4 33.6

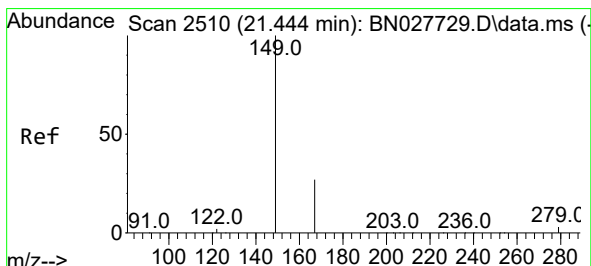
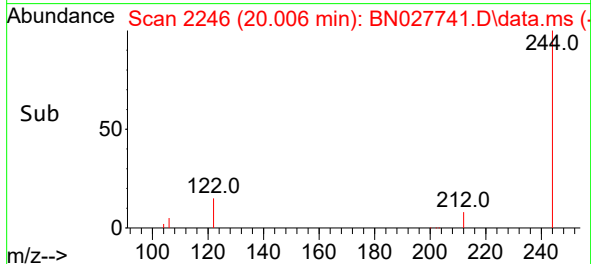
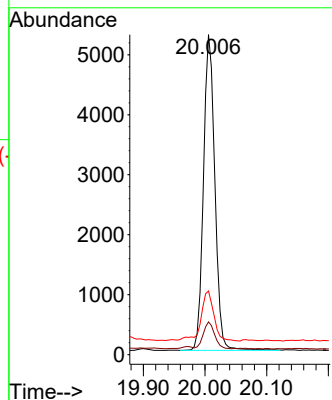
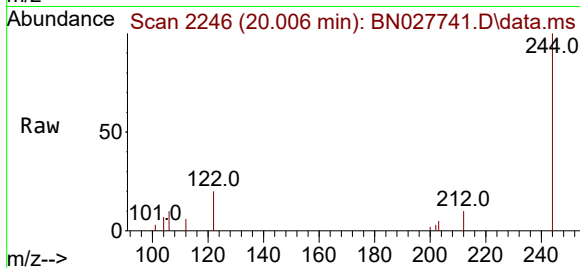




#31
Terphenyl-d14
Concen: 0.200 ng
RT: 20.006 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027741.D
Acq: 18 Sep 2023 19:19

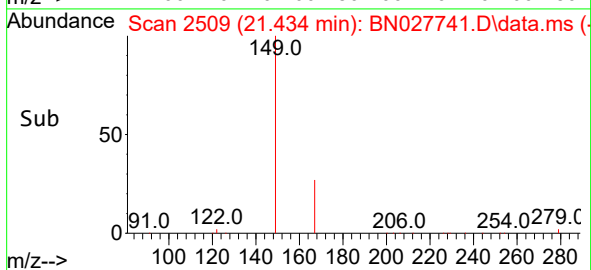
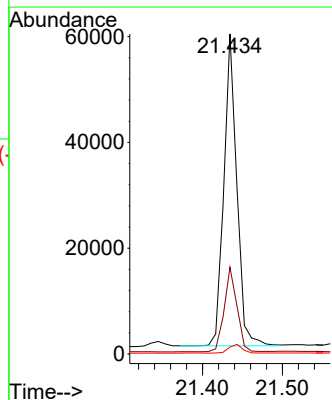
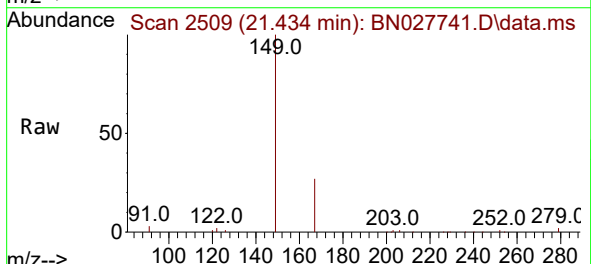
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-280-282

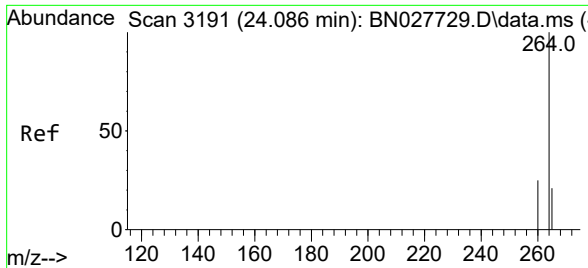
Tgt Ion:244 Resp: 6735
Ion Ratio Lower Upper
244 100
212 10.3 7.0 10.4
122 19.9 12.7 19.1#



#34
Bis(2-ethylhexyl)phthalate
Concen: 2.207 ng
RT: 21.434 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN027741.D
Acq: 18 Sep 2023 19:19

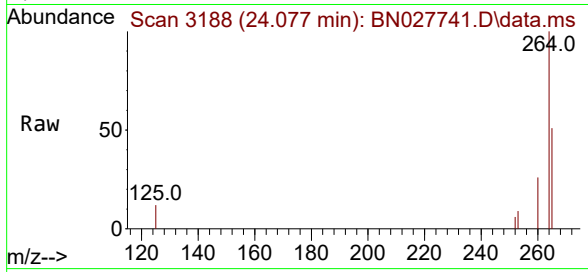
Tgt Ion:149 Resp: 66615
Ion Ratio Lower Upper
149 100
167 26.7 21.5 32.3
279 2.9 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.077 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BN027741.D
 Acq: 18 Sep 2023 19:19

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-280-282



Tgt Ion:264 Resp: 22526

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	51.4	56.6	85.0#

