

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029109.D
 Acq On : 08 Dec 2023 02:06
 Operator : MA/JU
 Sample : 05551-05RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP11272023RE

Quant Time: Dec 08 03:05:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

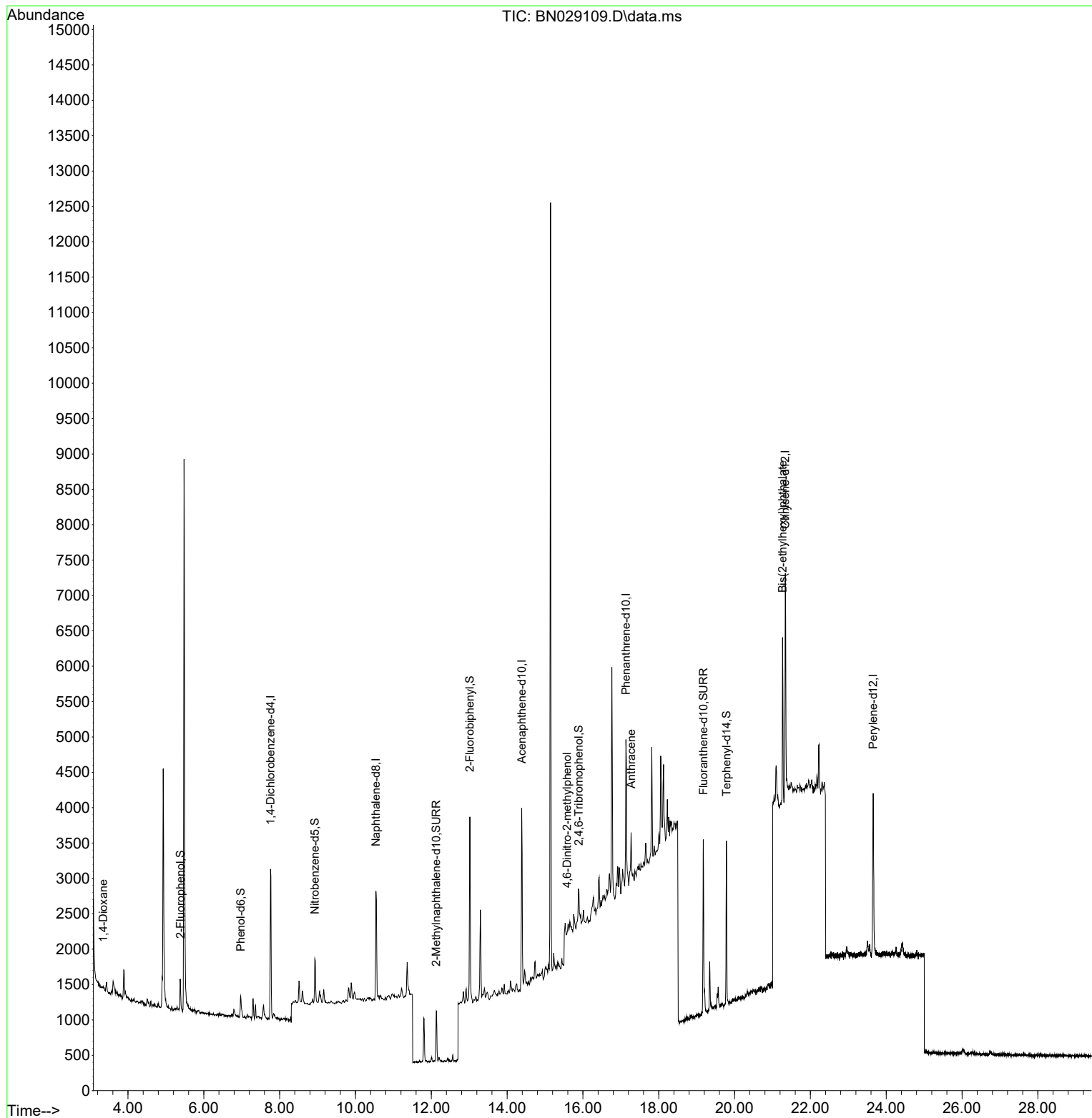
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	1050	0.400	ng	-0.01
7) Naphthalene-d8	10.541	136	2222	0.400	ng	#-0.02
13) Acenaphthene-d10	14.385	164	1401	0.400	ng	-0.01
19) Phenanthrene-d10	17.134	188	3162	0.400	ng	#-0.01
29) Chrysene-d12	21.338	240	2902	0.400	ng	# 0.00
35) Perylene-d12	23.655	264	3087	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	345	0.145	ng	0.00
5) Phenol-d6	6.973	99	286	0.101	ng	0.00
8) Nitrobenzene-d5	8.929	82	678	0.253	ng	-0.01
11) 2-Methylnaphthalene-d10	12.132	152	964	0.207	ng	-0.02
14) 2,4,6-Tribromophenol	15.893	330	360	0.233	ng	0.00
15) 2-Fluorobiphenyl	13.017	172	2217	0.306	ng	-0.01
27) Fluoranthene-d10	19.176	212	2896	0.291	ng	0.00
31) Terphenyl-d14	19.785	244	2110	0.287	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	30	0.035	ng	# 59
20) 4,6-Dinitro-2-methylph...	15.582	198	29	0.030	ng	# 1
26) Anthracene	17.271	178	697	0.068	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.266	149	2311	0.255	ng	90

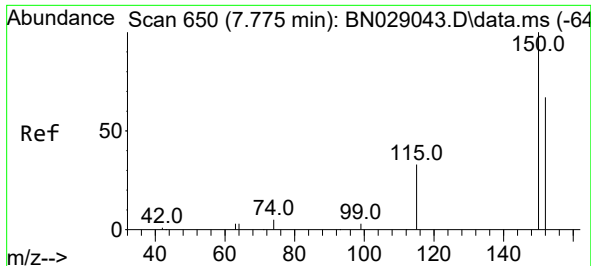
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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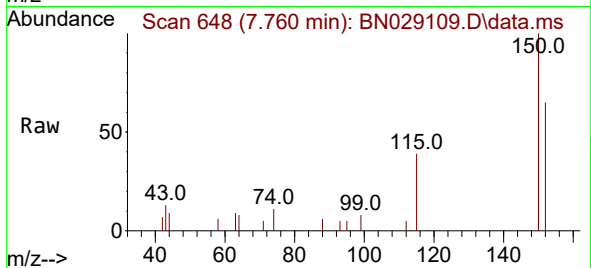
Quant Time: Dec 08 03:05:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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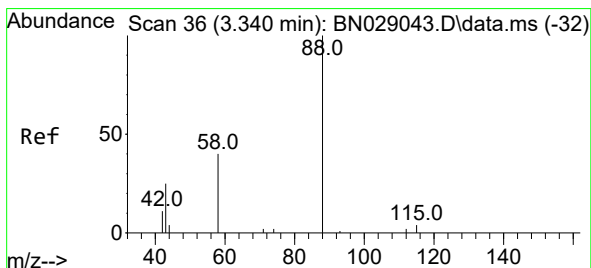
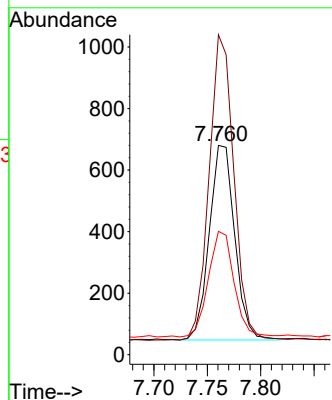
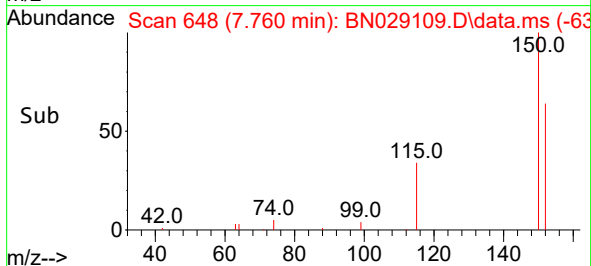


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.760 min Scan# 64
 Delta R.T. -0.015 min
 Lab File: BN029109.D
 Acq: 08 Dec 2023 02:06

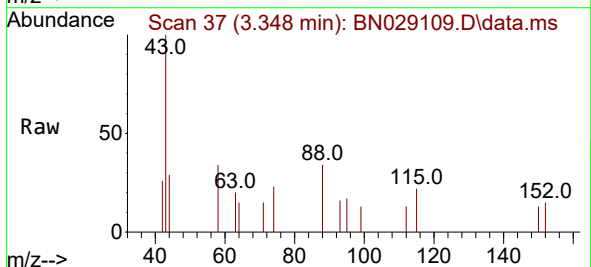
Instrument :
 BNA_N
 ClientSampleId :
 DUP11272023RE



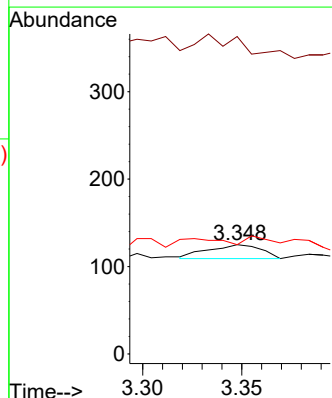
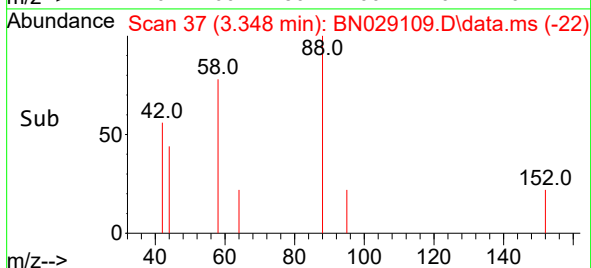
Tgt Ion:152 Resp: 1050
 Ion Ratio Lower Upper
 152 100
 150 152.9 116.2 174.4
 115 59.0 45.1 67.7

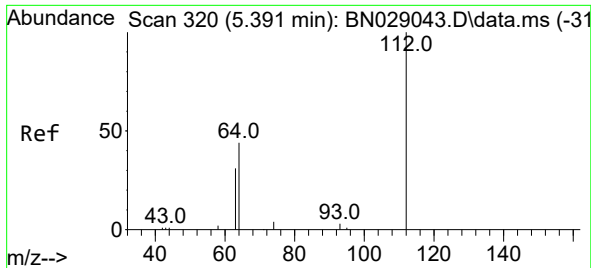


#2
 1,4-Dioxane
 Concen: 0.035 ng
 RT: 3.348 min Scan# 37
 Delta R.T. 0.007 min
 Lab File: BN029109.D
 Acq: 08 Dec 2023 02:06



Tgt Ion: 88 Resp: 30
 Ion Ratio Lower Upper
 88 100
 43 0.0 15.6 23.4#
 58 66.7 33.2 49.8#

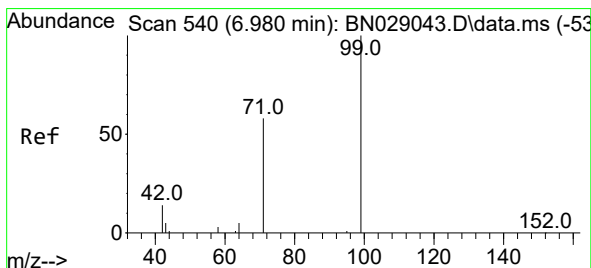
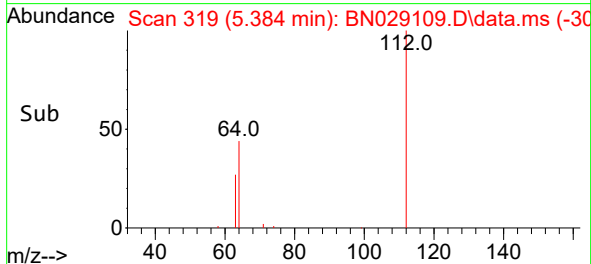
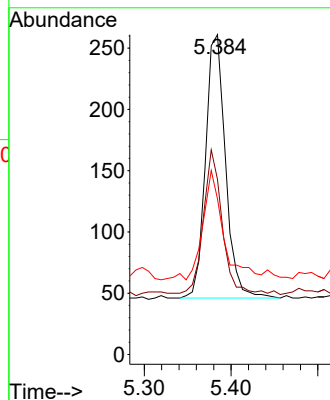
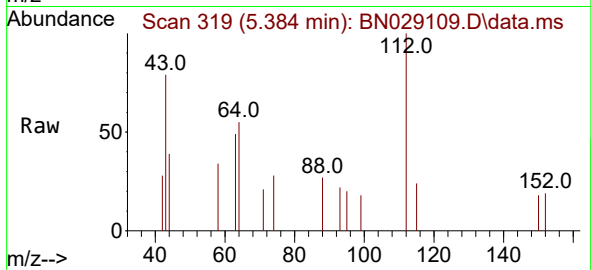




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN029109.D
Acq: 08 Dec 2023 02:06

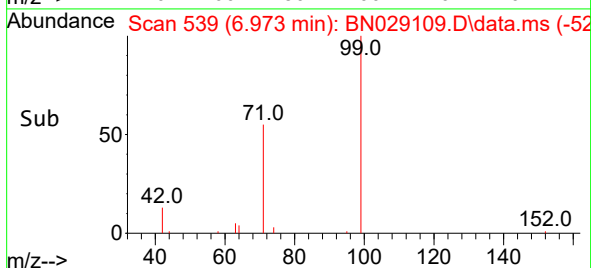
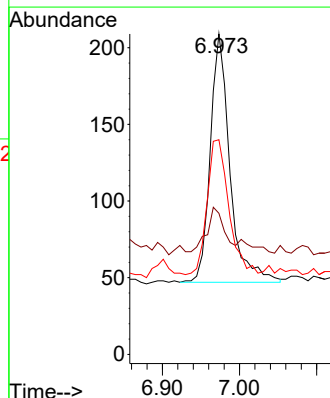
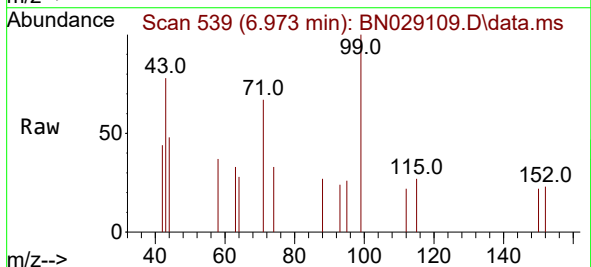
Instrument :
BNA_N
ClientSampleId :
DUP11272023RE

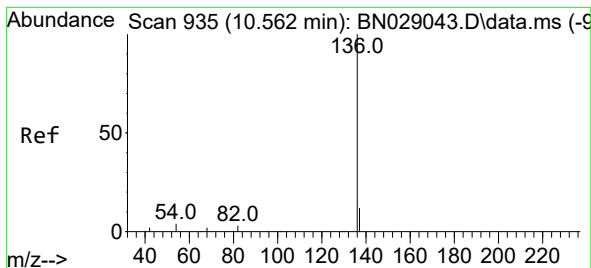
Tgt Ion:	112	Resp:	345
Ion	Ratio	Lower	Upper
112	100		
64	51.9	37.0	55.6
63	42.6	29.0	43.6



#5
Phenol-d6
Concen: 0.101 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.007 min
Lab File: BN029109.D
Acq: 08 Dec 2023 02:06

Tgt Ion:	99	Resp:	286
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.4	20.2
71	61.9	47.8	71.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.541 min Scan# 91

Delta R.T. -0.021 min

Lab File: BN029109.D

Acq: 08 Dec 2023 02:06

Instrument :

BNA_N

ClientSampleId :

DUP11272023RE

Tgt Ion:136 Resp: 2222

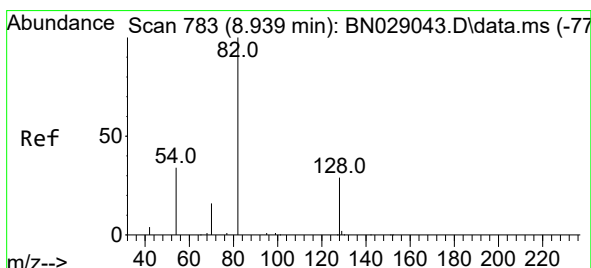
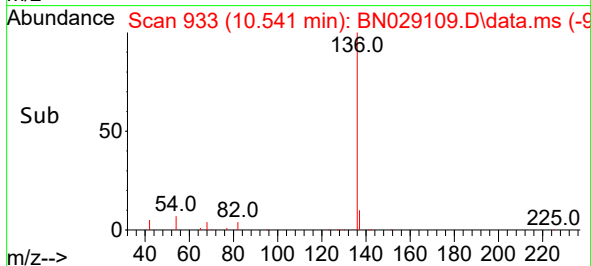
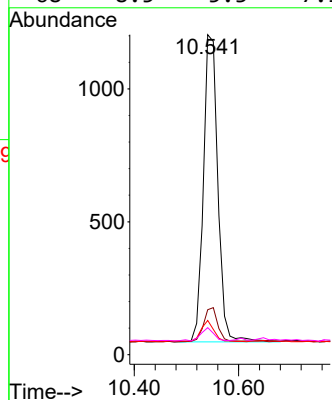
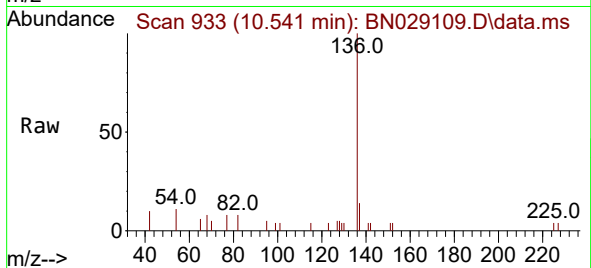
Ion Ratio Lower Upper

136 100

137 14.0 11.9 17.9

54 10.7 6.4 9.6#

68 8.5 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.253 ng

RT: 8.929 min Scan# 782

Delta R.T. -0.011 min

Lab File: BN029109.D

Acq: 08 Dec 2023 02:06

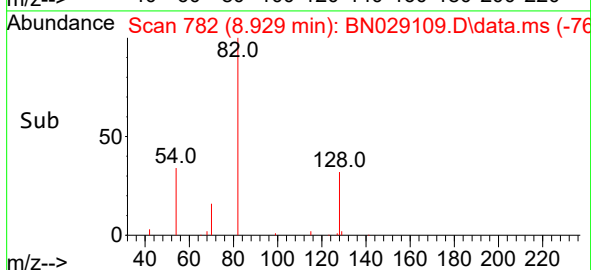
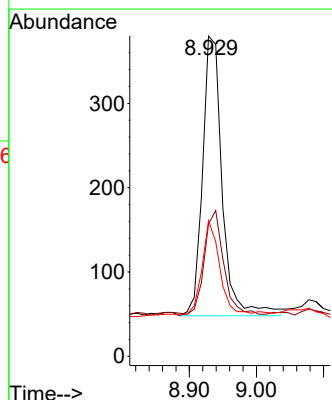
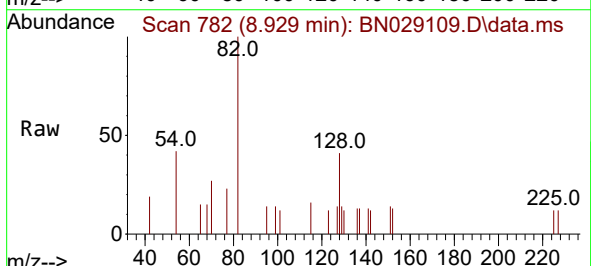
Tgt Ion: 82 Resp: 678

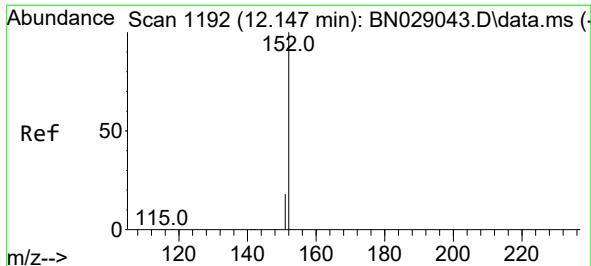
Ion Ratio Lower Upper

82 100

128 41.3 28.2 42.4

54 42.4 32.1 48.1

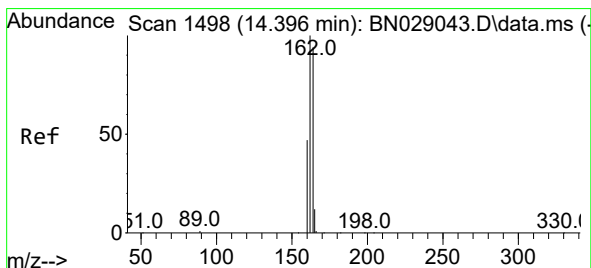
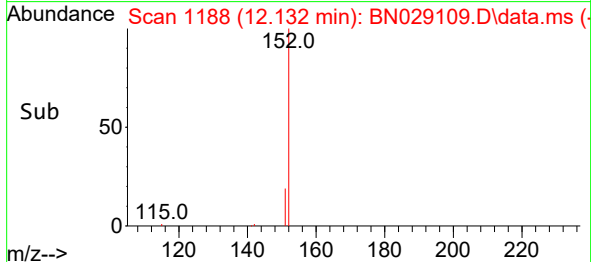
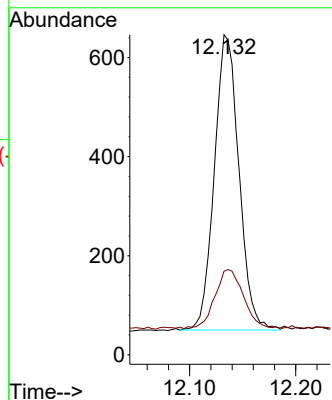
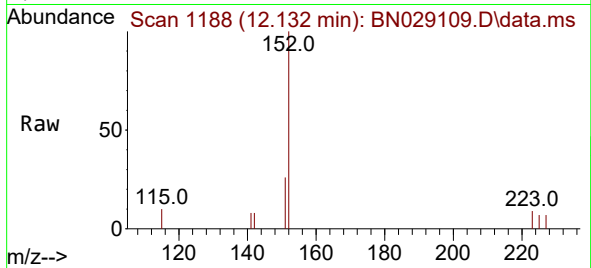




#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 12.132 min Scan# 1192
Delta R.T. -0.015 min
Lab File: BN029109.D
Acq: 08 Dec 2023 02:06

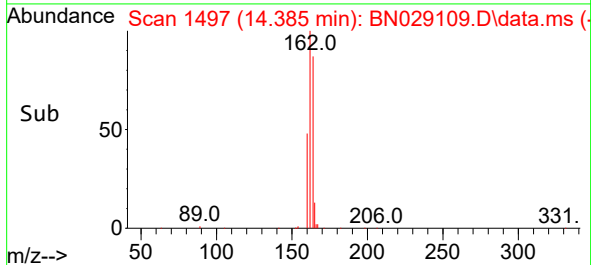
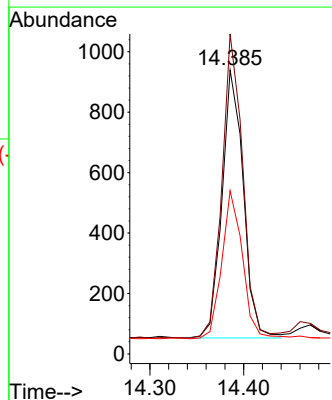
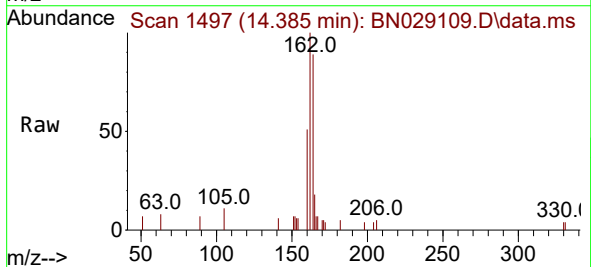
Instrument :
BNA_N
ClientSampleId :
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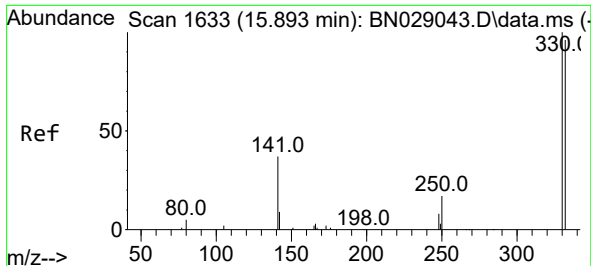
Tgt Ion:152 Resp: 964
Ion Ratio Lower Upper
152 100
151 23.7 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.385 min Scan# 1497
Delta R.T. -0.011 min
Lab File: BN029109.D
Acq: 08 Dec 2023 02:06

Tgt Ion:164 Resp: 1401
Ion Ratio Lower Upper
164 100
162 112.7 85.0 127.6
160 57.4 41.3 61.9

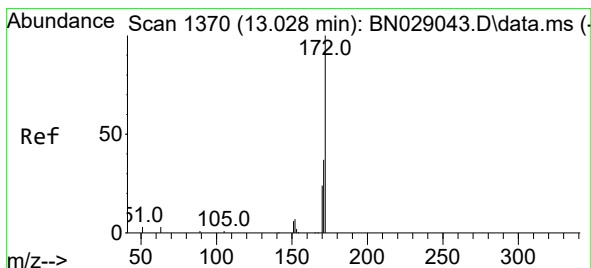
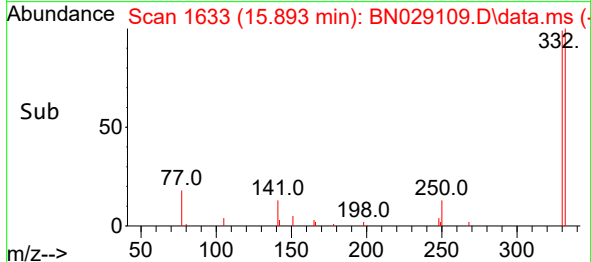
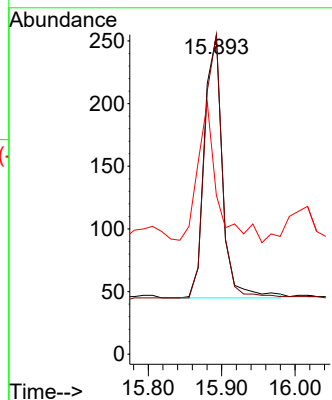
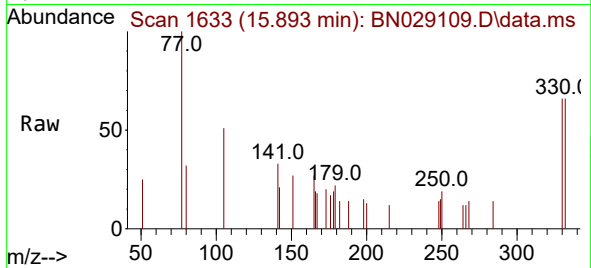




#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.893 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029109.D
Acq: 08 Dec 2023 02:06

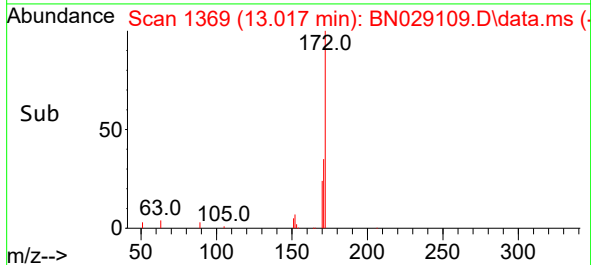
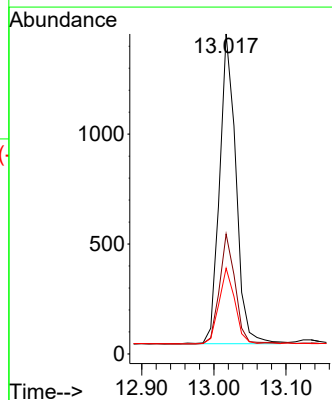
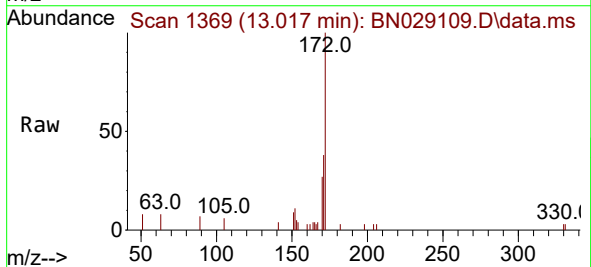
Instrument :
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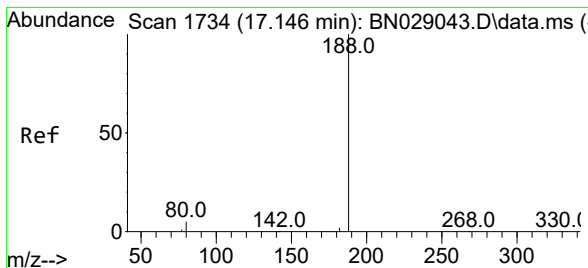
Tgt Ion:330 Resp: 360
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 57.2 28.7 43.1#



#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.017 min Scan# 1369
Delta R.T. -0.011 min
Lab File: BN029109.D
Acq: 08 Dec 2023 02:06

Tgt Ion:172 Resp: 2217
Ion Ratio Lower Upper
172 100
171 37.5 30.1 45.1
170 26.8 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.134 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN029109.D

Acq: 08 Dec 2023 02:06

Instrument :

BNA_N

ClientSampleId :

DUP11272023RE

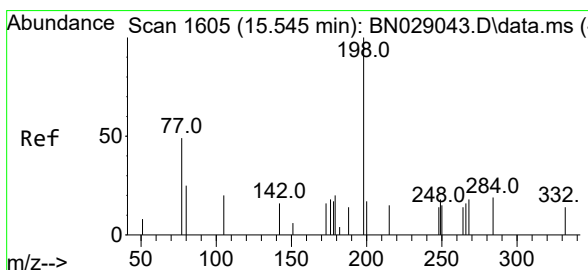
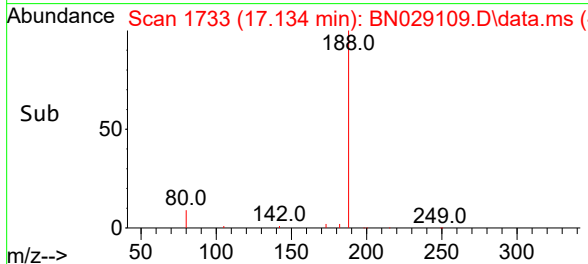
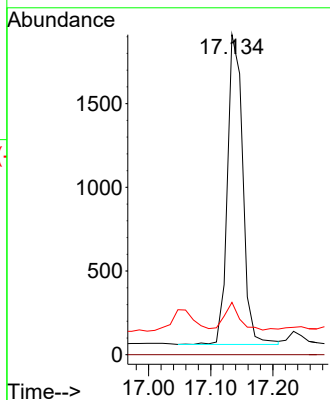
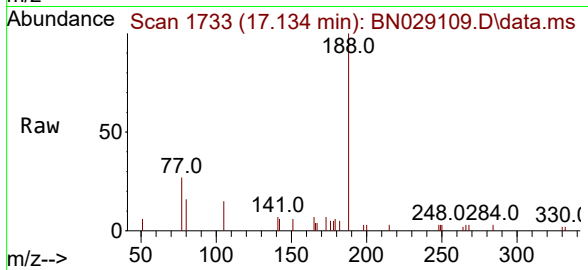
Tgt Ion:188 Resp: 3162

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.4 5.4 8.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.030 ng

RT: 15.582 min Scan# 1608

Delta R.T. 0.037 min

Lab File: BN029109.D

Acq: 08 Dec 2023 02:06

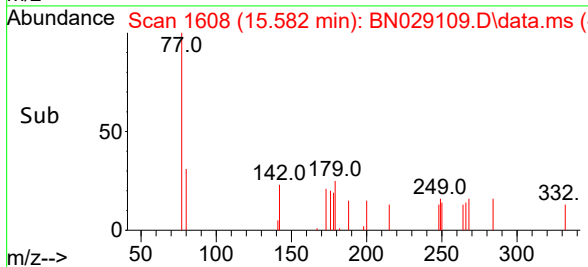
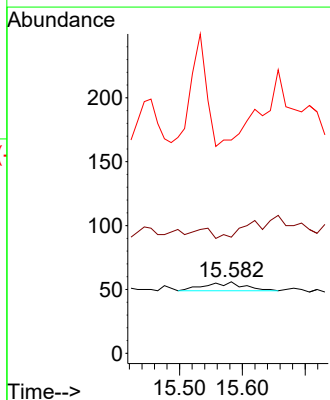
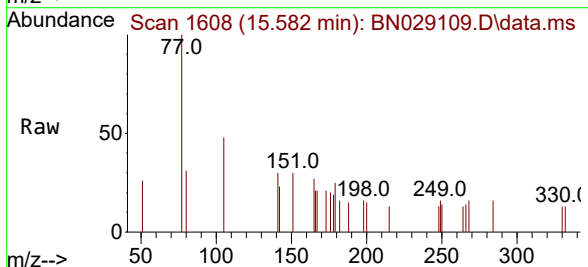
Tgt Ion:198 Resp: 29

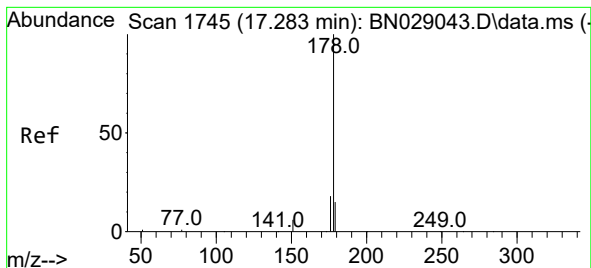
Ion Ratio Lower Upper

198 100

51 162.5 23.4 35.2#

105 298.2 29.0 43.4#





#26

Anthracene

Concen: 0.068 ng

RT: 17.271 min Scan# 1744

Delta R.T. -0.012 min

Lab File: BN029109.D

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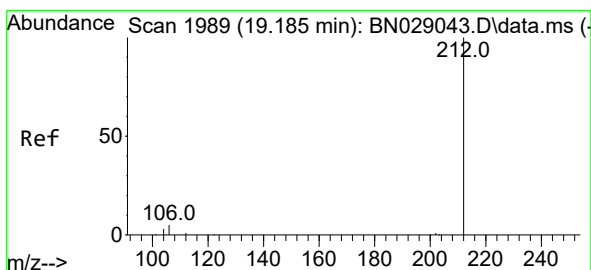
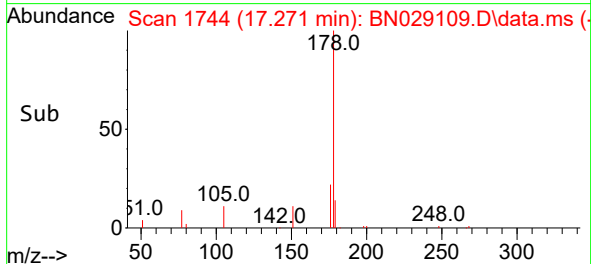
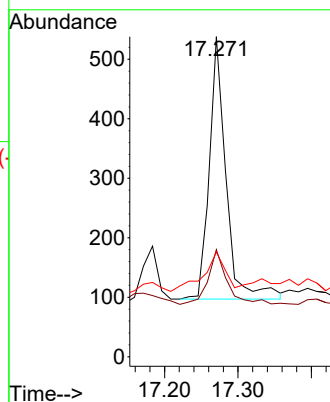
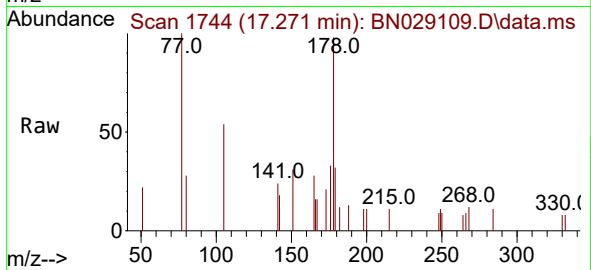
Tgt Ion:178 Resp: 697

Ion Ratio Lower Upper

178 100

176 24.1 15.0 22.4#

179 20.7 12.6 19.0#



#27

Fluoranthene-d10

Concen: 0.291 ng

RT: 19.176 min Scan# 1987

Delta R.T. -0.009 min

Lab File: BN029109.D

Acq: 08 Dec 2023 02:06

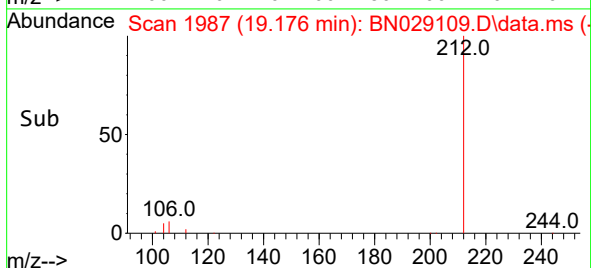
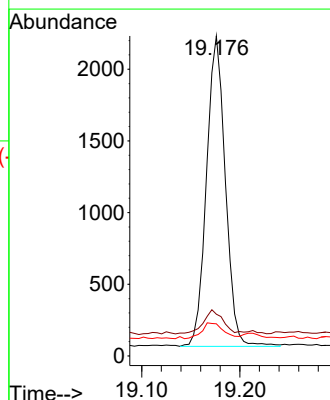
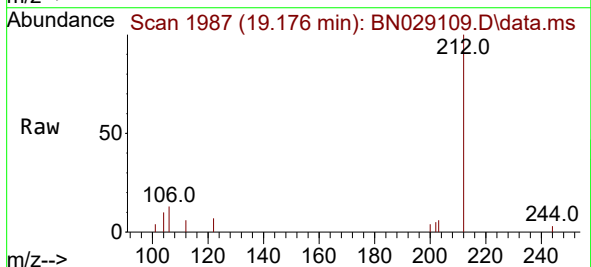
Tgt Ion:212 Resp: 2896

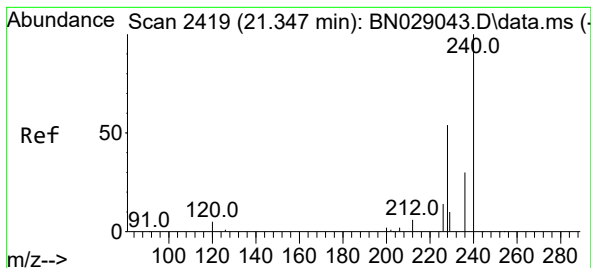
Ion Ratio Lower Upper

212 100

106 8.1 3.9 5.9#

104 5.9 2.6 3.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.338 min Scan# 2418

Delta R.T. -0.009 min

Lab File: BN029109.D

Acq: 08 Dec 2023 02:06

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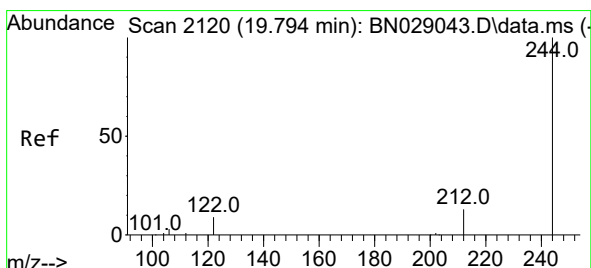
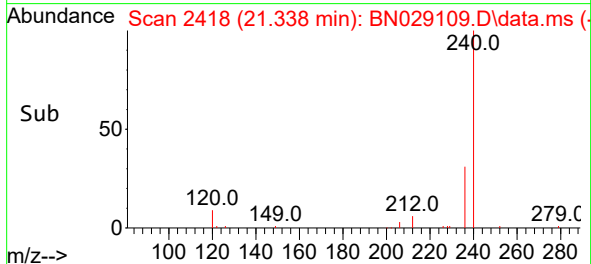
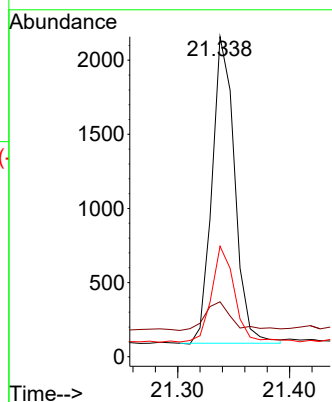
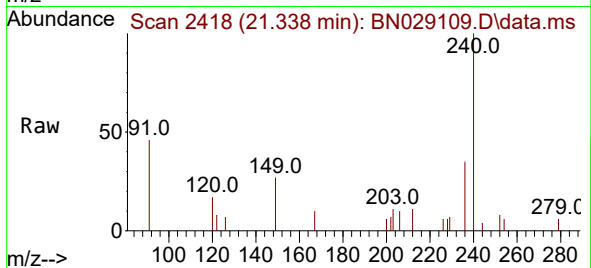
Tgt Ion:240 Resp: 2902

Ion Ratio Lower Upper

240 100

120 17.1 6.7 10.1#

236 34.5 25.7 38.5



#31

Terphenyl-d14

Concen: 0.287 ng

RT: 19.785 min Scan# 2118

Delta R.T. -0.009 min

Lab File: BN029109.D

Acq: 08 Dec 2023 02:06

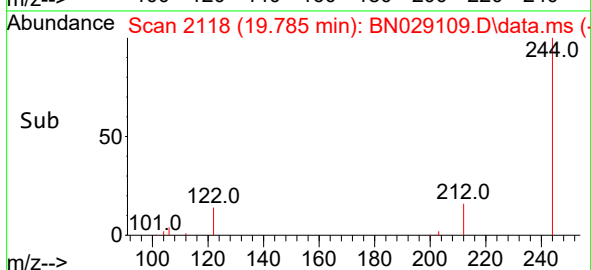
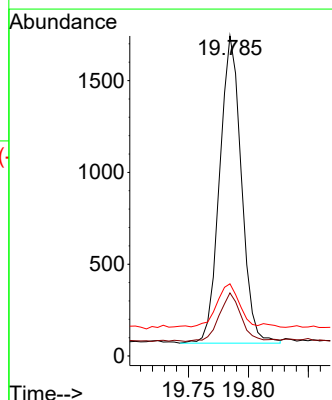
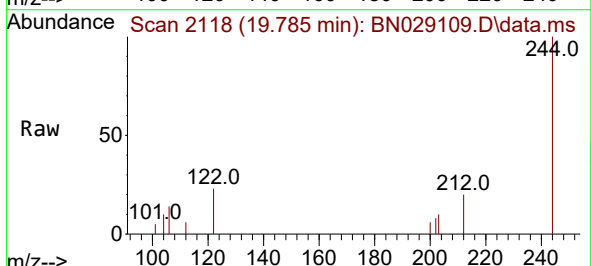
Tgt Ion:244 Resp: 2110

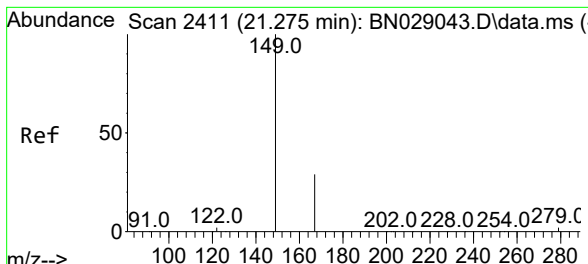
Ion Ratio Lower Upper

244 100

212 19.7 11.6 17.4#

122 22.5 8.2 12.4#

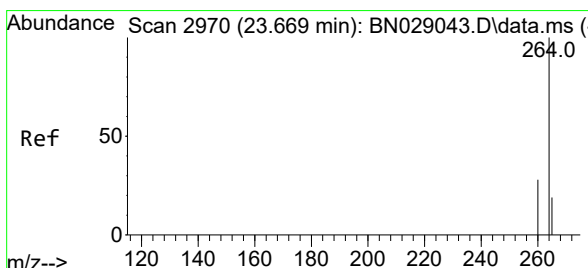
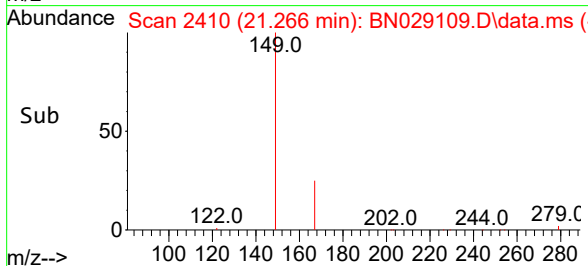
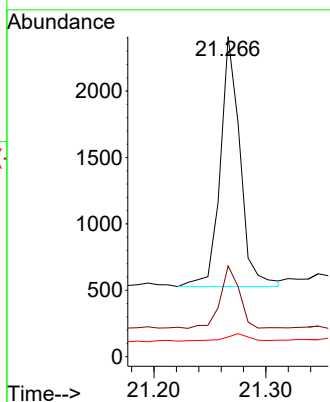
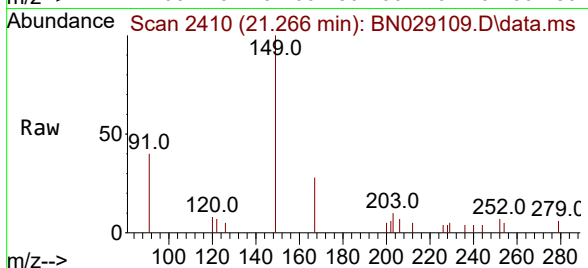




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.255 ng
 RT: 21.266 min Scan# 2410
 Delta R.T. -0.009 min
 Lab File: BN029109.D
 Acq: 08 Dec 2023 02:06

Instrument :
 BNA_N
 ClientSampleId :
 DUP11272023RE

Tgt Ion:	149	Resp:	2311
Ion Ratio	Lower	Upper	
149	100		
167	23.5	23.4	35.2
279	3.9	3.4	5.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.655 min Scan# 2965
 Delta R.T. -0.015 min
 Lab File: BN029109.D
 Acq: 08 Dec 2023 02:06

Tgt Ion:	264	Resp:	3087
Ion Ratio	Lower	Upper	
264	100		
260	32.5	23.9	35.9
265	76.7	52.7	79.1

