

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
 Data File : BN029307.D
 Acq On : 19 Jan 2024 16:30
 Operator : MA/JU
 Sample : P1149-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-98-100

Quant Time: Jan 19 17:48:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 16:49:42 2024
 Response via : Initial Calibration

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

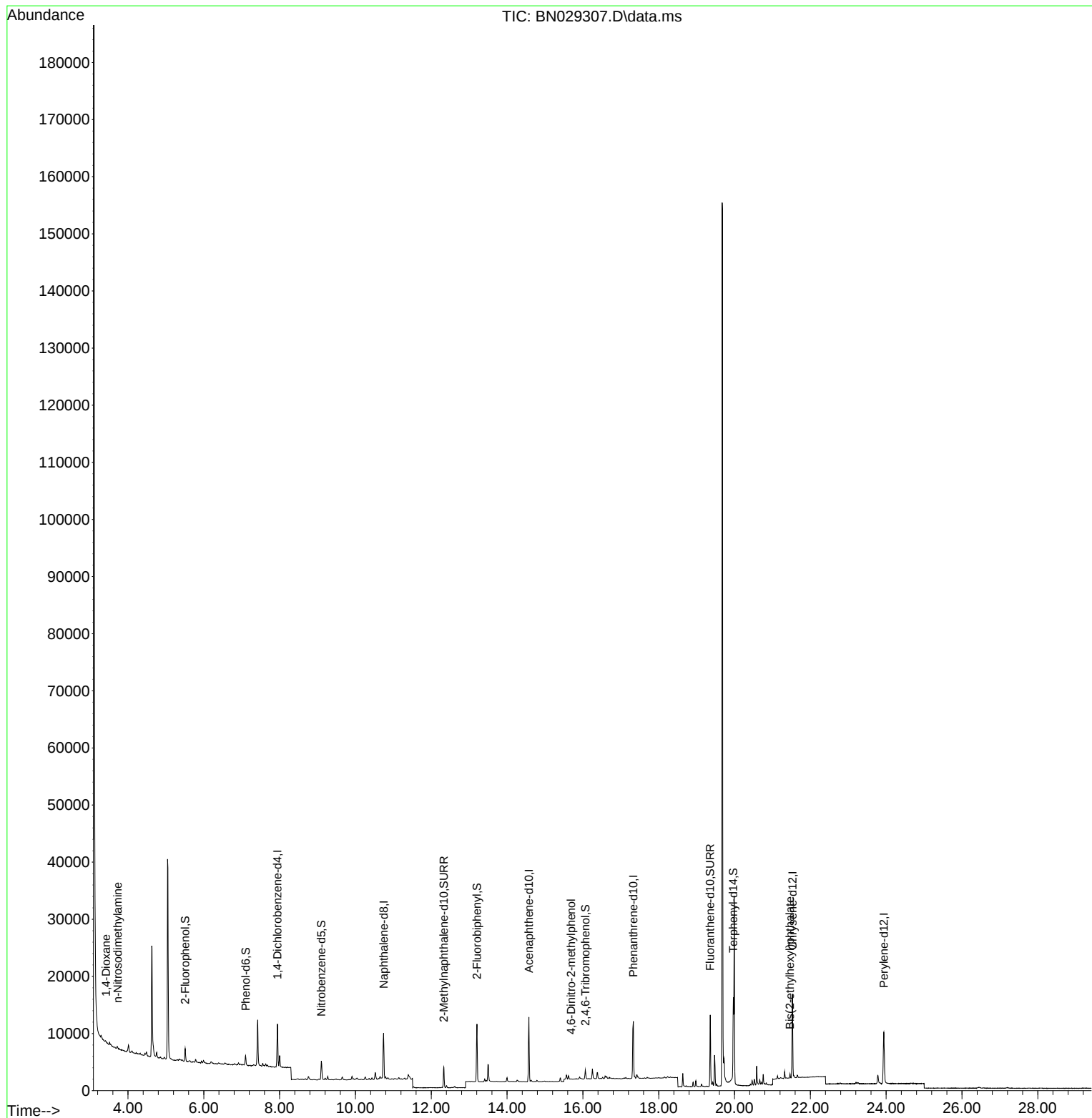
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3604	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	10489	0.400	ng	# 0.00
13) Acenaphthene-d10	14.575	164	6096	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	14708	0.400	ng	0.00
29) Chrysene-d12	21.528	240	13114	0.400	ng	# 0.00
35) Perylene-d12	23.937	264	13041	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	1710	0.191	ng	0.00
5) Phenol-d6	7.103	99	1551	0.131	ng	0.00
8) Nitrobenzene-d5	9.099	82	2682	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	4839	0.270	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	889	0.475	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	8700	0.307	ng	0.00
27) Fluoranthene-d10	19.359	212	13651	0.306	ng	0.00
31) Terphenyl-d14	19.968	244	12791	0.389	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.420	88	159	0.036	ng	# 1
3) n-Nitrosodimethylamine	3.730	42	93	0.021	ng	# 8
20) 4,6-Dinitro-2-methylph...	15.691	198	14	0.159	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.465	149	666	0.029	ng	# 88

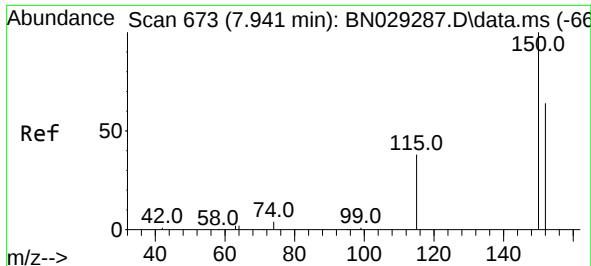
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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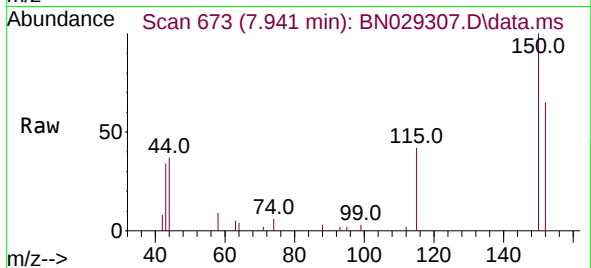
Quant Time: Jan 19 17:48:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
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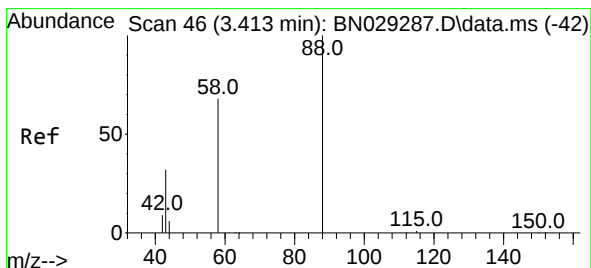
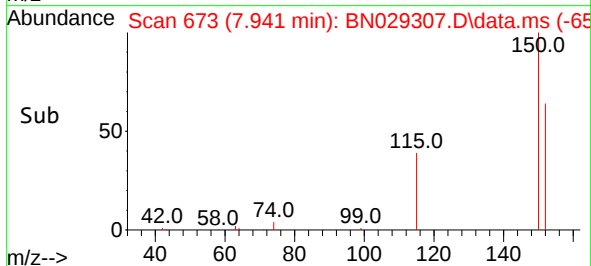
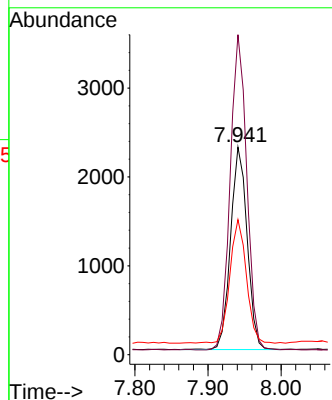
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.941 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN029307.D
 Acq: 19 Jan 2024 16:30

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-98-100



Tgt Ion:152 Resp: 3604

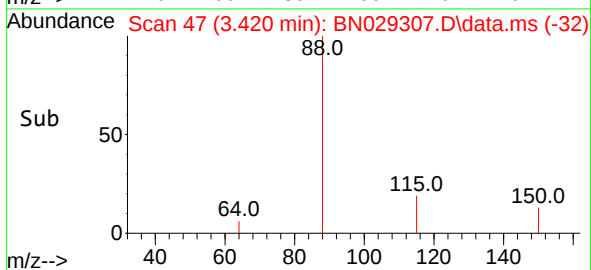
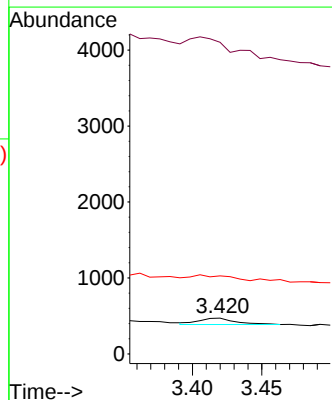
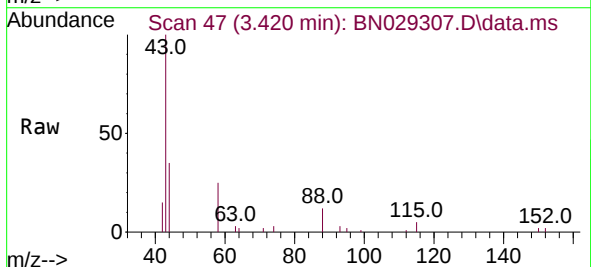
Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	65.1	50.6	76.0

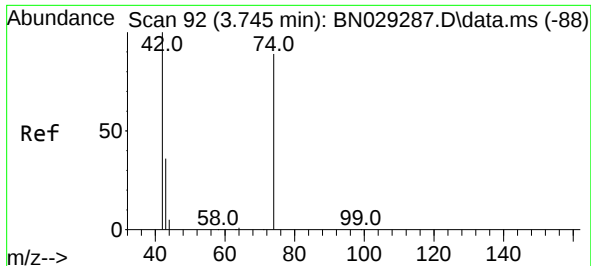


#2
 1,4-Dioxane
 Concen: 0.036 ng
 RT: 3.420 min Scan# 47
 Delta R.T. 0.007 min
 Lab File: BN029307.D
 Acq: 19 Jan 2024 16:30

Tgt Ion: 88 Resp: 159

Ion	Ratio	Lower	Upper
88	100		
43	443.4	26.2	39.2#
58	87.4	55.3	82.9#

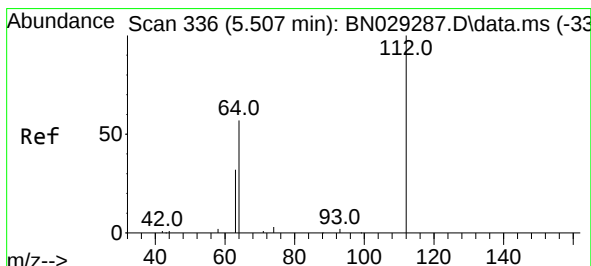
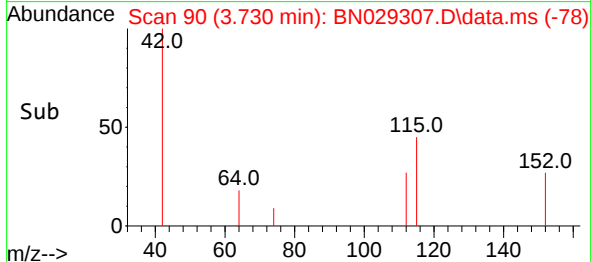
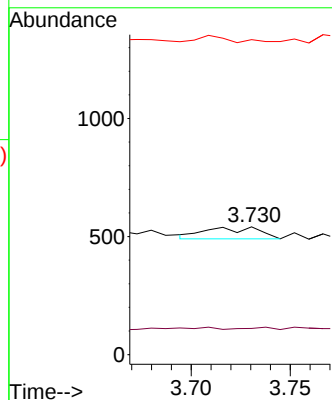
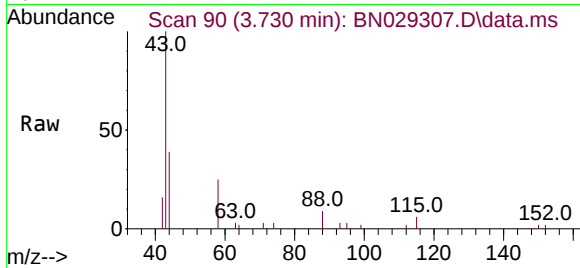




#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.730 min Scan# 90
Delta R.T. -0.014 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30

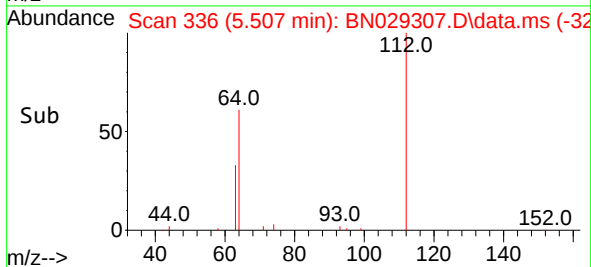
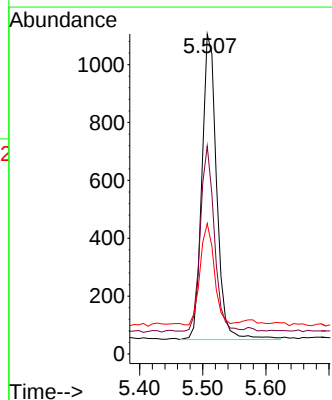
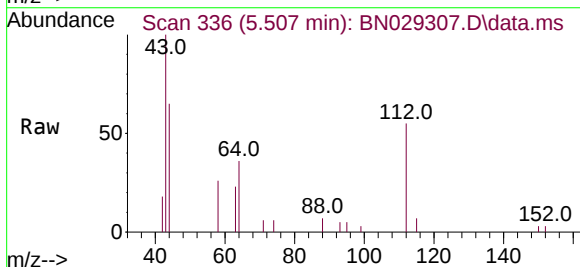
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-98-100

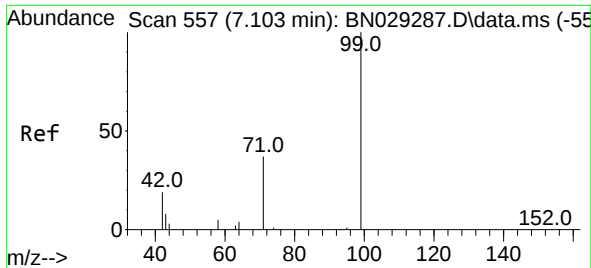
Tgt Ion: 42 Resp: 93
Ion Ratio Lower Upper
42 100
74 8.6 85.4 128.2#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.191 ng
RT: 5.507 min Scan# 336
Delta R.T. -0.000 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30

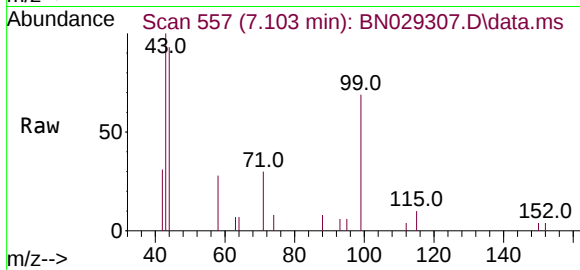
Tgt Ion: 112 Resp: 1710
Ion Ratio Lower Upper
112 100
64 57.4 45.7 68.5
63 31.8 26.6 39.8



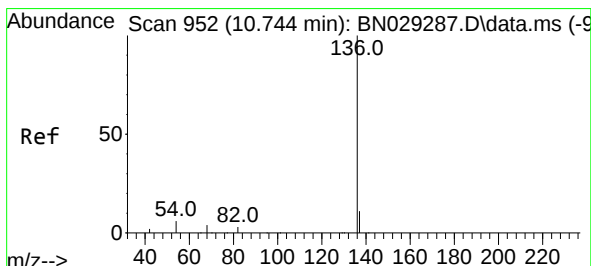
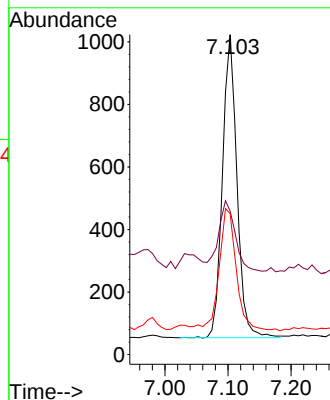
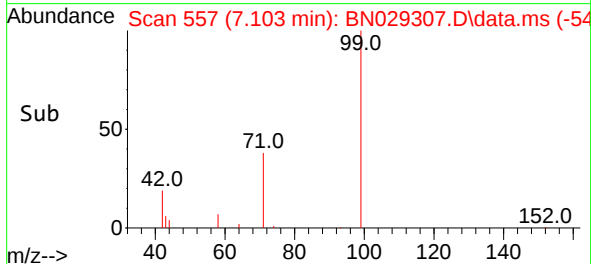


#5
Phenol-d6
Concen: 0.131 ng
RT: 7.103 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30

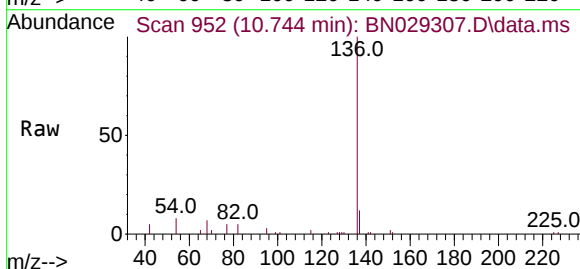
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-98-100



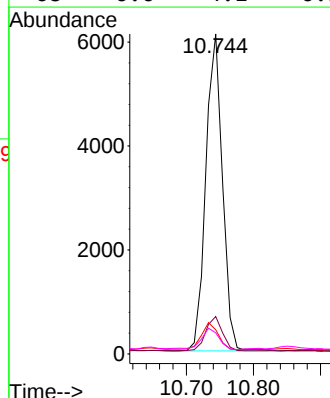
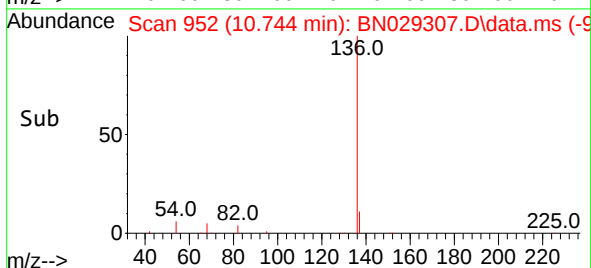
Tgt Ion: 99 Resp: 1551
Ion Ratio Lower Upper
99 100
42 26.2 19.1 28.7
71 48.4 31.2 46.8#

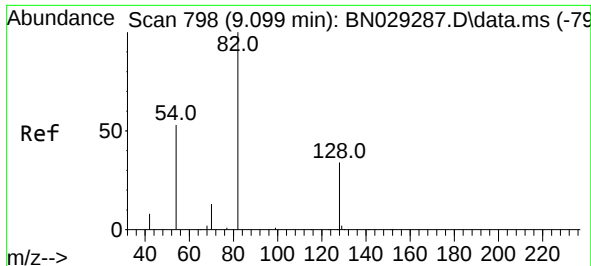


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.744 min Scan# 952
Delta R.T. -0.000 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30



Tgt Ion: 136 Resp: 10489
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 7.6 5.2 7.8
68 6.6 4.1 6.1#

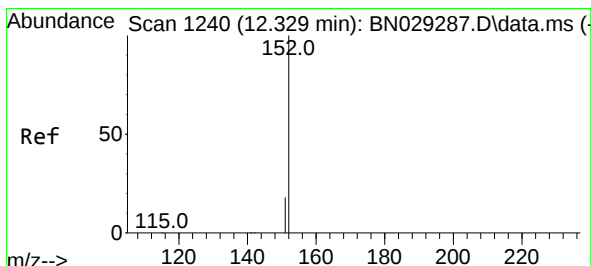
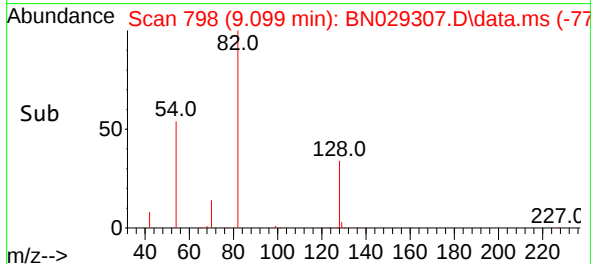
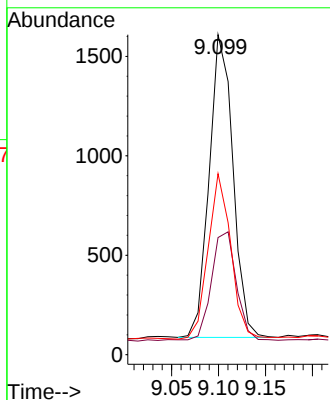
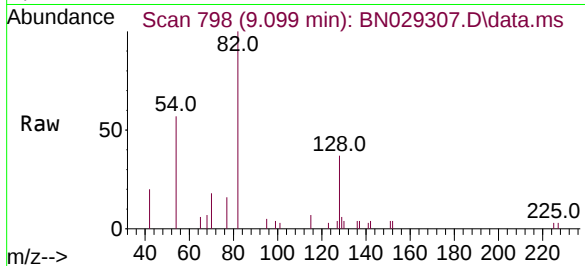




#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 9.099 min Scan# 798
Delta R.T. -0.000 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30

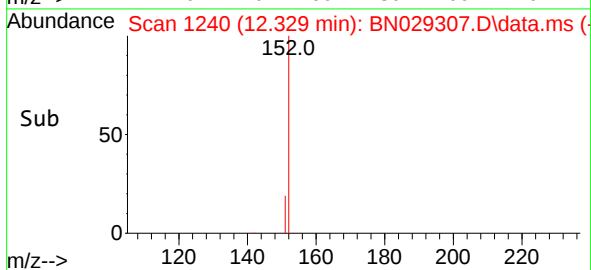
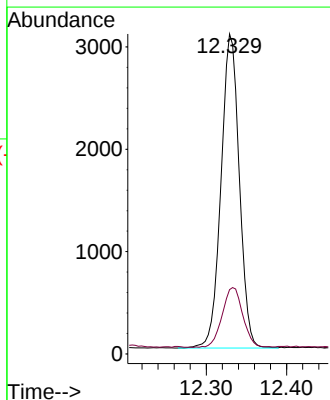
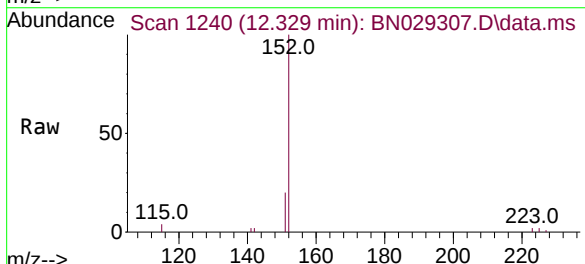
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-98-100

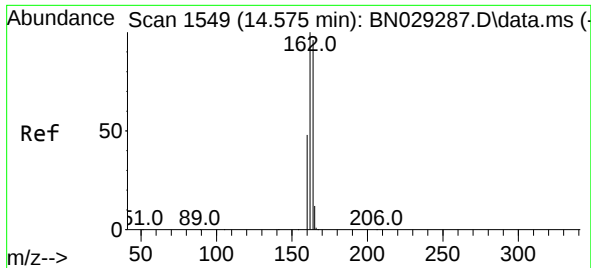
Tgt Ion: 82 Resp: 2682
Ion Ratio Lower Upper
82 100
128 36.6 28.6 43.0
54 56.6 42.9 64.3



#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.329 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30

Tgt Ion: 152 Resp: 4839
Ion Ratio Lower Upper
152 100
151 21.5 16.6 24.8

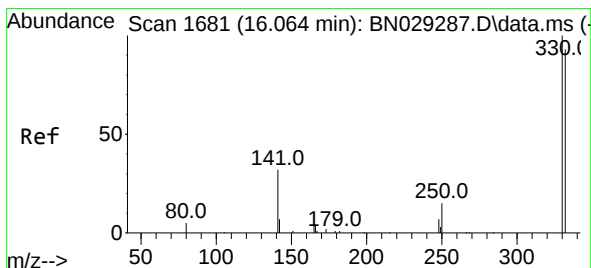
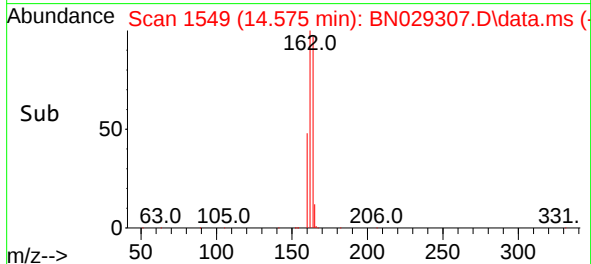
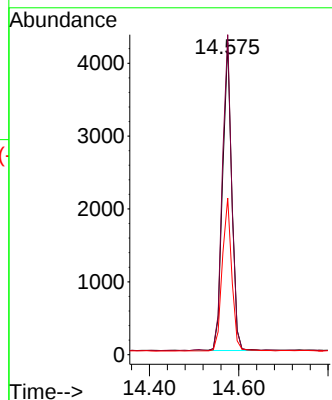
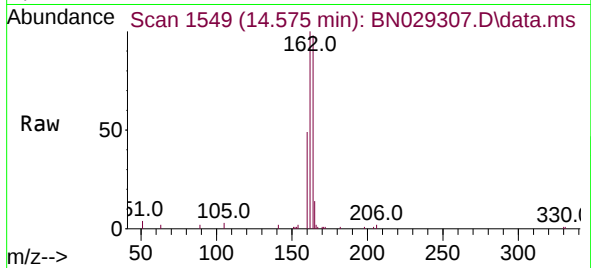




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.575 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30

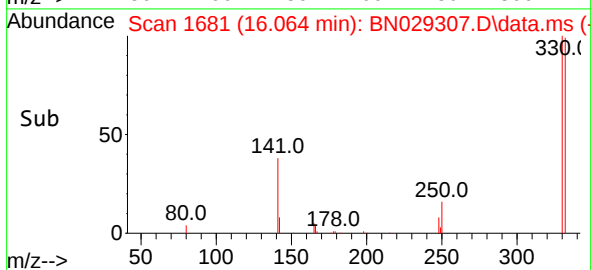
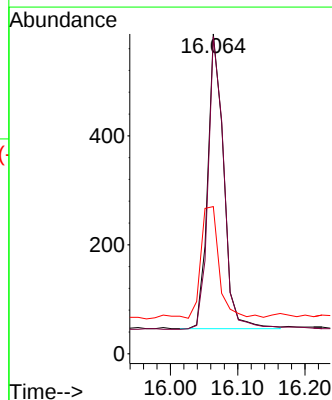
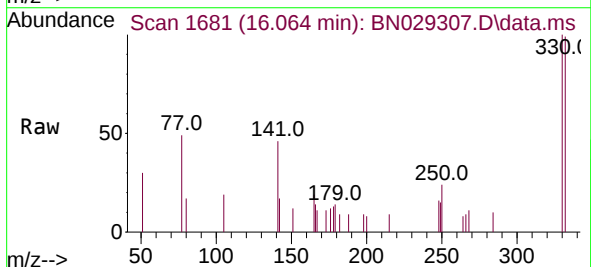
Instrument :
BNA_N
ClientSampleId :
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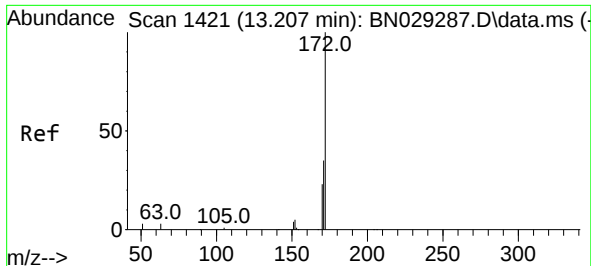
Tgt Ion:164 Resp: 6096
Ion Ratio Lower Upper
164 100
162 102.5 83.4 125.2
160 50.2 40.6 61.0



#14
2,4,6-Tribromophenol
Concen: 0.475 ng
RT: 16.064 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30

Tgt Ion:330 Resp: 889
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.6
141 42.0 34.3 51.5

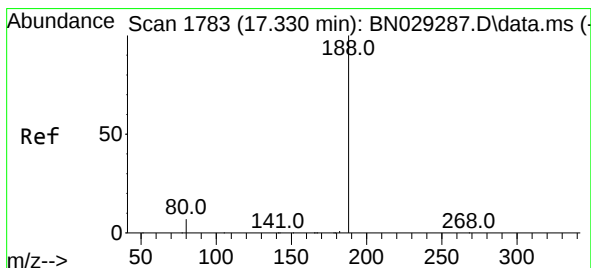
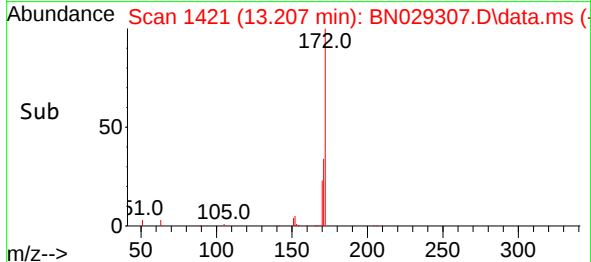
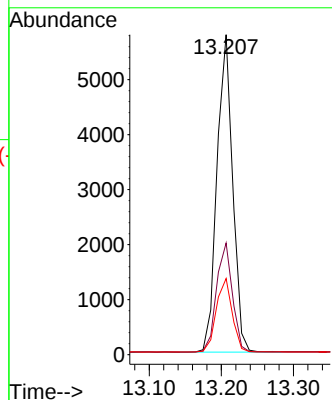
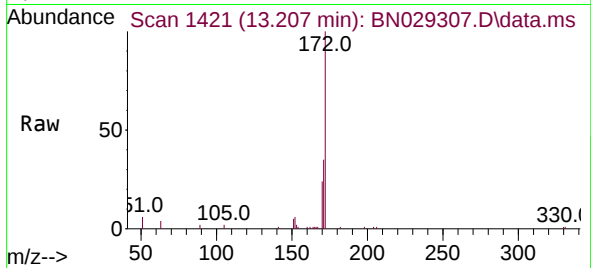




#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 13.207 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30

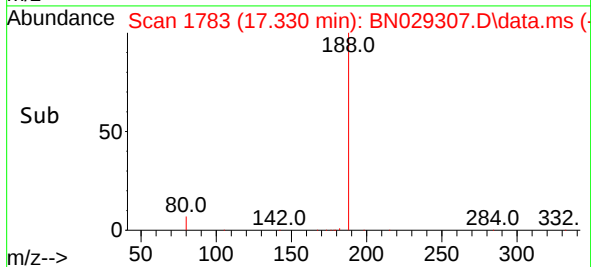
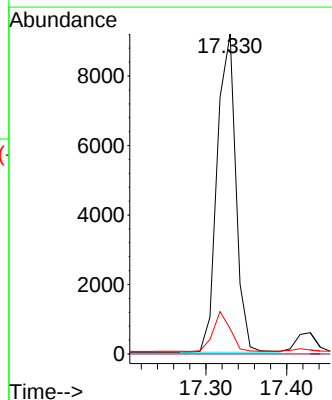
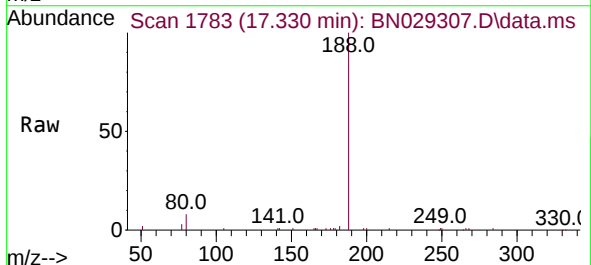
Instrument :
BNA_N
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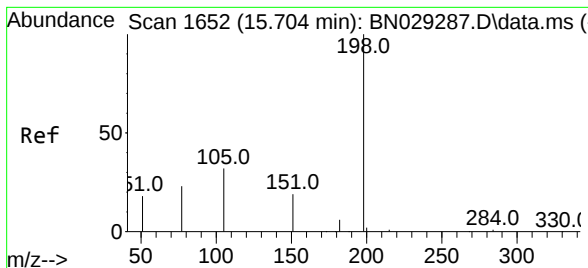
Tgt Ion:172 Resp: 8700
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.8 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.330 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30

Tgt Ion:188 Resp: 14708
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 5.7 8.5

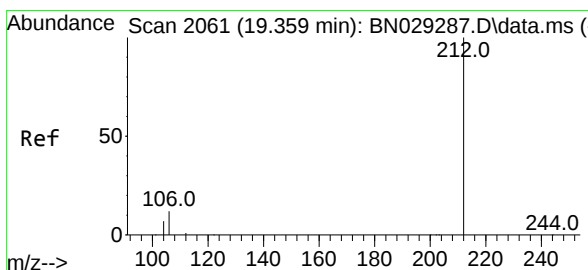
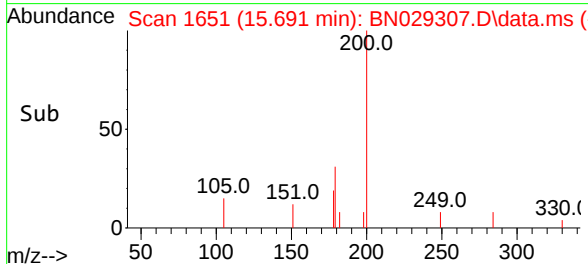
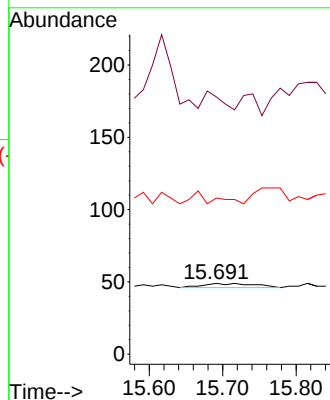
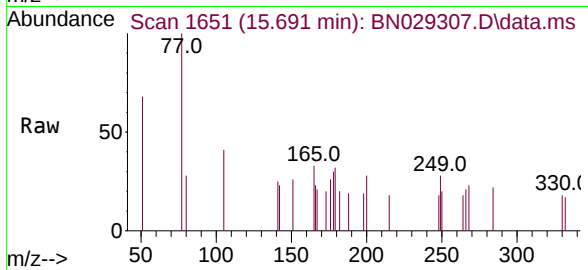




#20
4,6-Dinitro-2-methylphenol
Concen: 0.159 ng
RT: 15.691 min Scan# 1651
Delta R.T. -0.012 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30

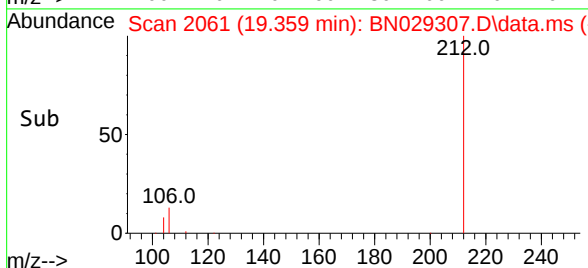
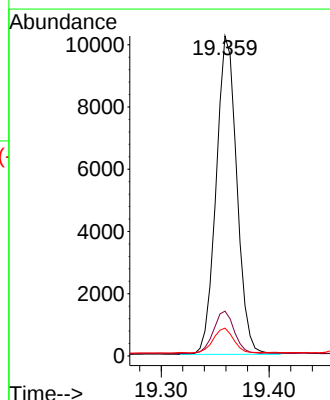
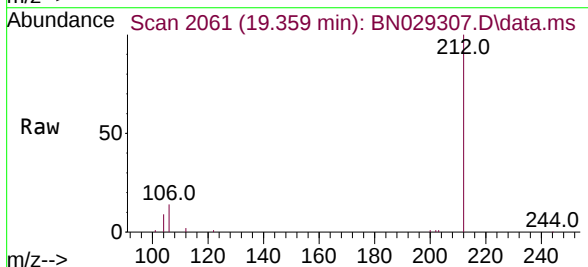
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-98-100

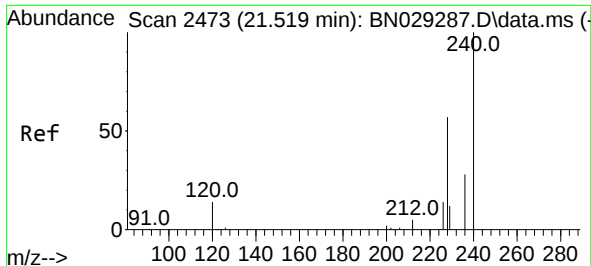
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 363.3 48.8 73.2#
105 220.4 39.0 58.6#



#27
Fluoranthene-d10
Concen: 0.306 ng
RT: 19.359 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BN029307.D
Acq: 19 Jan 2024 16:30

Tgt Ion:212 Resp: 13651
Ion Ratio Lower Upper
212 100
106 13.5 9.9 14.9
104 7.5 5.8 8.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.528 min Scan# 2474

Delta R.T. 0.009 min

Lab File: BN029307.D

Acq: 19 Jan 2024 16:30

Instrument :

BNA_N

ClientSampleId :

BP-VPB-191-GW-98-100

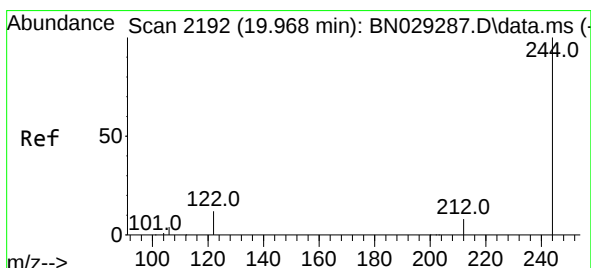
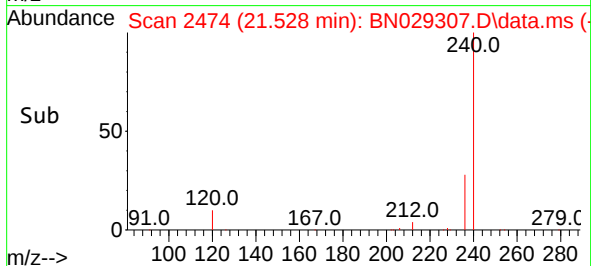
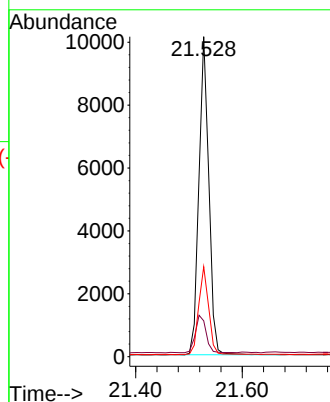
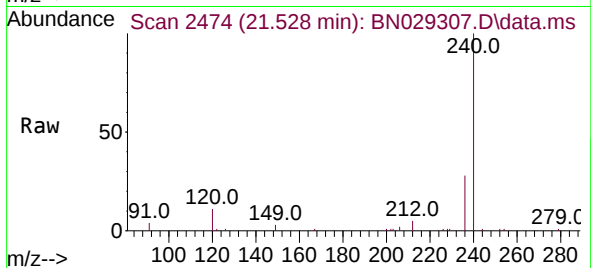
Tgt Ion:240 Resp: 13114

Ion Ratio Lower Upper

240 100

120 11.2 11.8 17.8#

236 28.1 22.7 34.1



#31

Terphenyl-d14

Concen: 0.389 ng

RT: 19.968 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BN029307.D

Acq: 19 Jan 2024 16:30

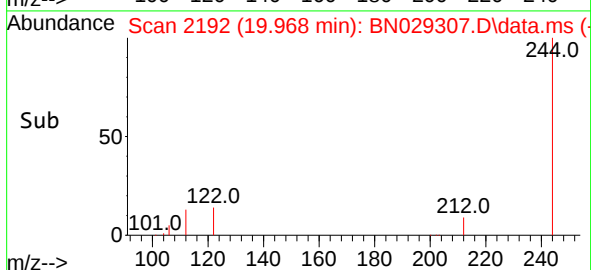
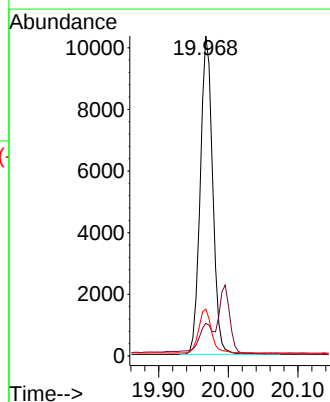
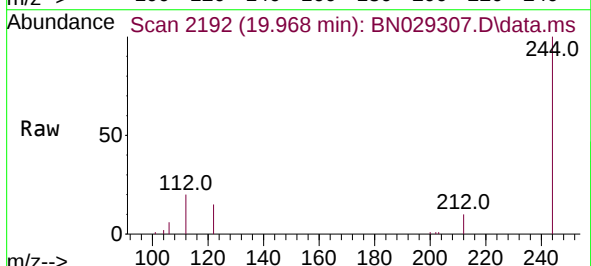
Tgt Ion:244 Resp: 12791

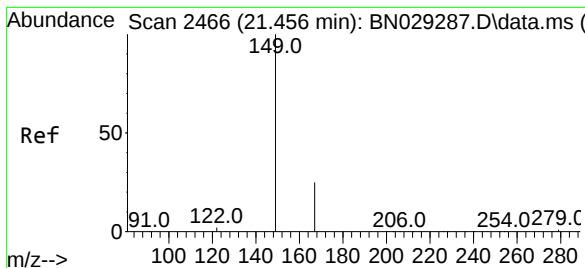
Ion Ratio Lower Upper

244 100

212 10.2 7.0 10.4

122 14.7 10.2 15.4





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.029 ng

RT: 21.465 min Scan# 2467

Delta R.T. 0.009 min

Lab File: BN029307.D

Acq: 19 Jan 2024 16:30

Instrument :

BNA_N

ClientSampleId :

BP-VPB-191-GW-98-100

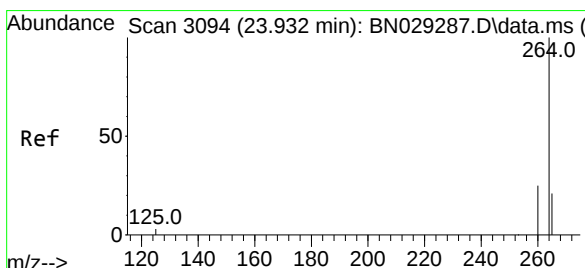
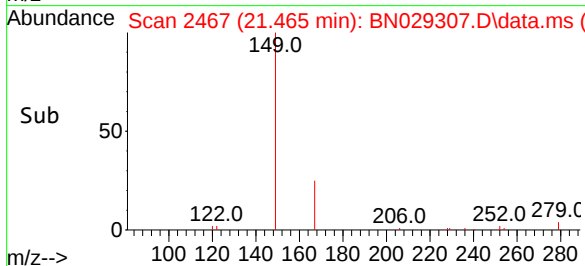
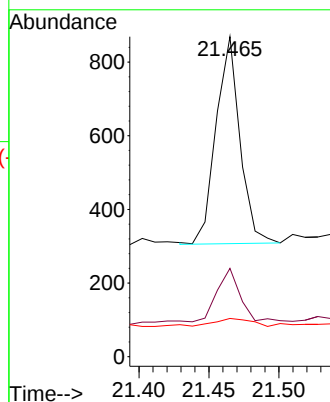
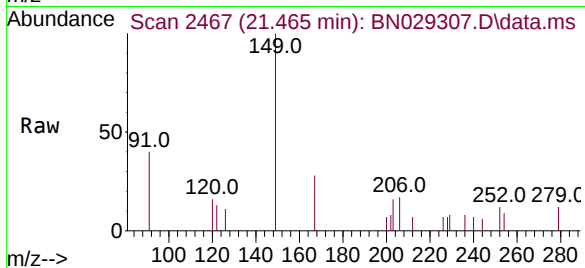
Tgt Ion:149 Resp: 666

Ion Ratio Lower Upper

149 100

167 31.5 20.3 30.5#

279 6.6 2.6 4.0#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.937 min Scan# 3096

Delta R.T. 0.006 min

Lab File: BN029307.D

Acq: 19 Jan 2024 16:30

Tgt Ion:264 Resp: 13041

Ion Ratio Lower Upper

264 100

260 25.9 20.7 31.1

265 29.8 21.4 32.0

