

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
 Data File : BN029326.D
 Acq On : 20 Jan 2024 04:30
 Operator : MA/JU
 Sample : P1171-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-DUP-20240116

Quant Time: Jan 20 05:34:24 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)

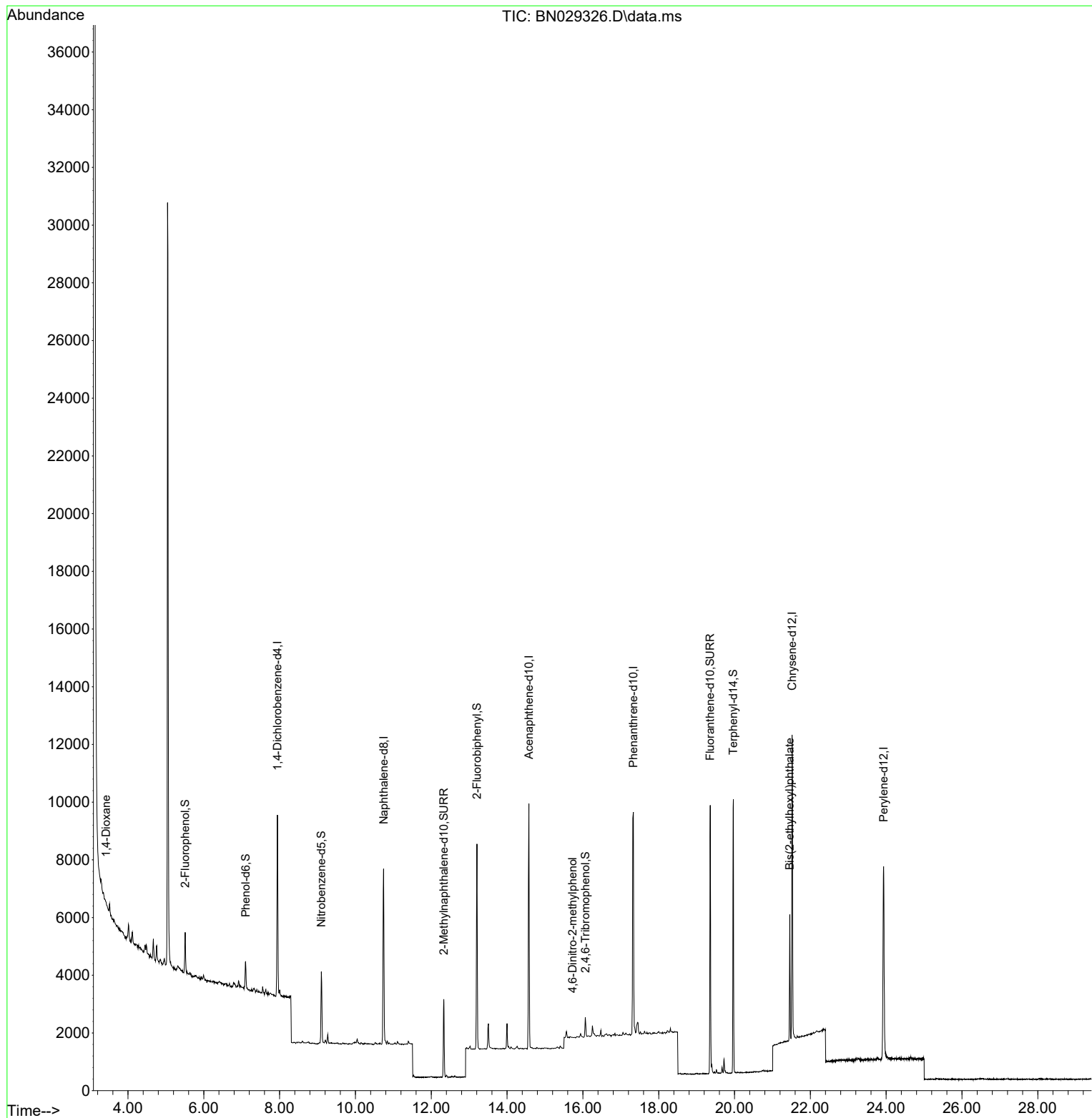
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	2989	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	8298	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	4714	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	12104	0.400	ng	0.00
29) Chrysene-d12	21.519	240	10260	0.400	ng	0.00
35) Perylene-d12	23.932	264	9973	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	1103	0.149	ng	0.00
5) Phenol-d6	7.103	99	906	0.092	ng	0.00
8) Nitrobenzene-d5	9.099	82	2096	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	3579	0.253	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	395	0.273	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	5947	0.271	ng	0.00
27) Fluoranthene-d10	19.359	212	10238	0.279	ng	0.00
31) Terphenyl-d14	19.968	244	9099	0.354	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.420	88	77	0.021	ng	# 78
20) 4,6-Dinitro-2-methylph...	15.729	198	1	0.154	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.456	149	3931	0.220	ng	99

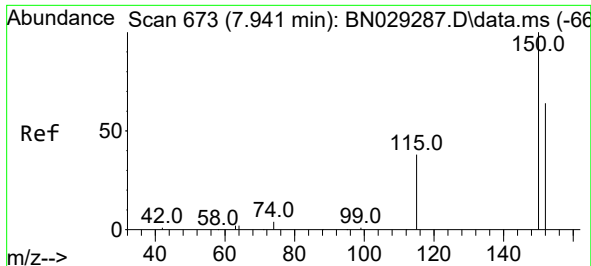
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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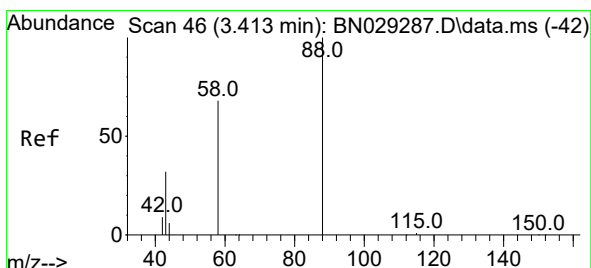
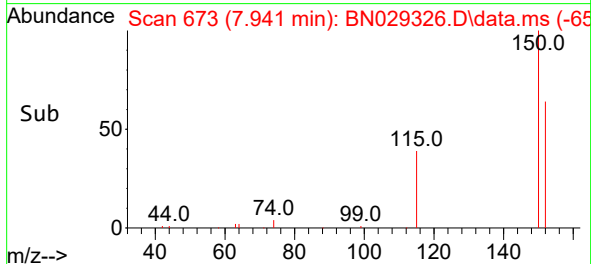
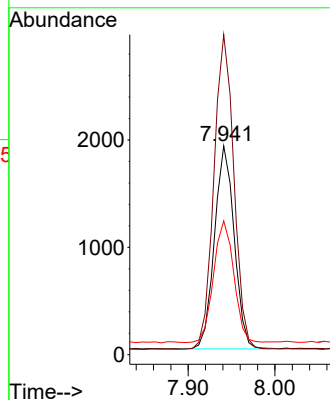
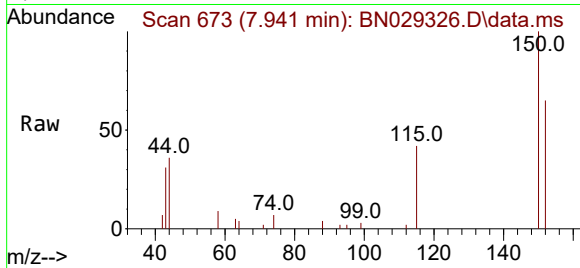




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.941 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN029326.D
 Acq: 20 Jan 2024 04:30

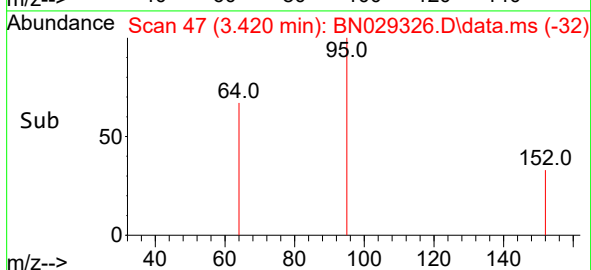
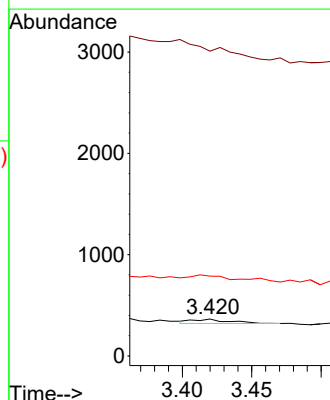
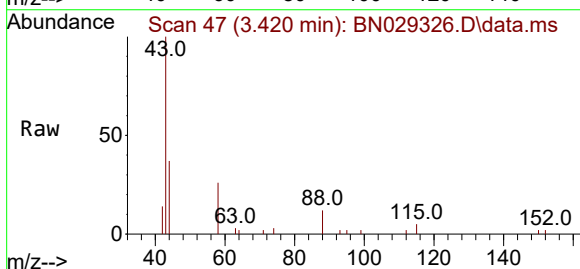
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-DUP-20240116

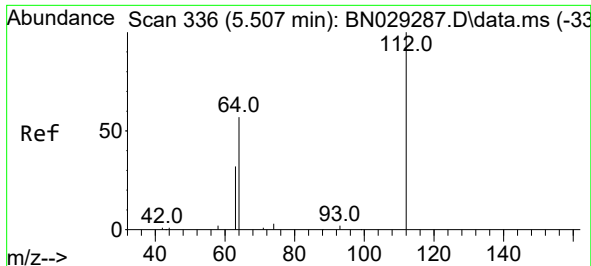
Tgt Ion:152 Resp: 2989
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.6 186.8
 115 64.1 50.6 76.0



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.420 min Scan# 47
 Delta R.T. 0.007 min
 Lab File: BN029326.D
 Acq: 20 Jan 2024 04:30

Tgt Ion: 88 Resp: 77
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.2 39.2#
 58 72.7 55.3 82.9





#4

2-Fluorophenol

Concen: 0.149 ng

RT: 5.507 min Scan# 336

Delta R.T. 0.000 min

Lab File: BN029326.D

Acq: 20 Jan 2024 04:30

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-DUP-20240116

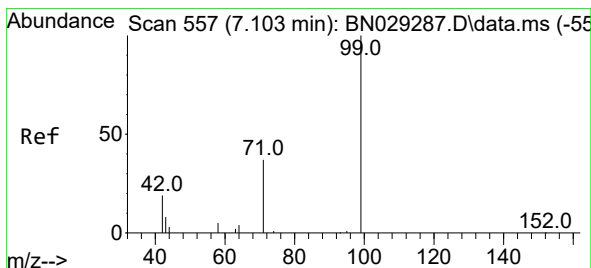
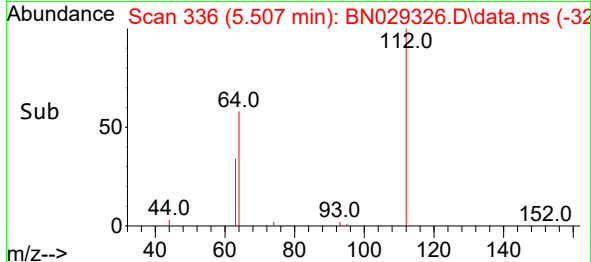
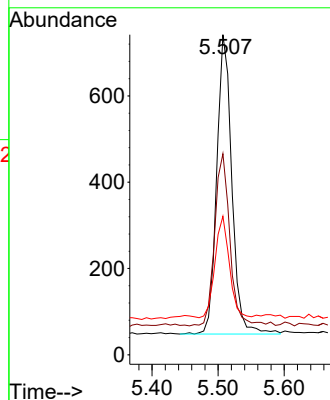
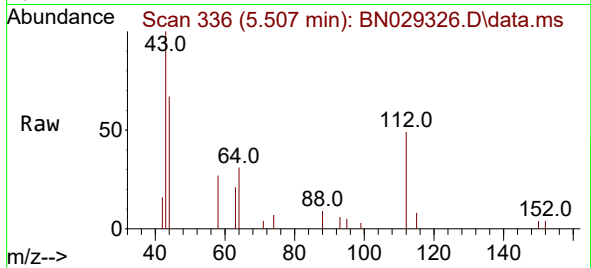
Tgt Ion:112 Resp: 1103

Ion Ratio Lower Upper

112 100

64 58.3 45.7 68.5

63 32.6 26.6 39.8



#5

Phenol-d6

Concen: 0.092 ng

RT: 7.103 min Scan# 557

Delta R.T. 0.000 min

Lab File: BN029326.D

Acq: 20 Jan 2024 04:30

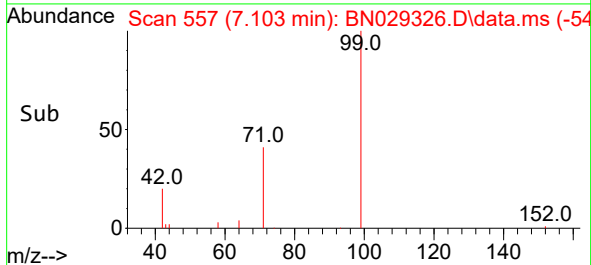
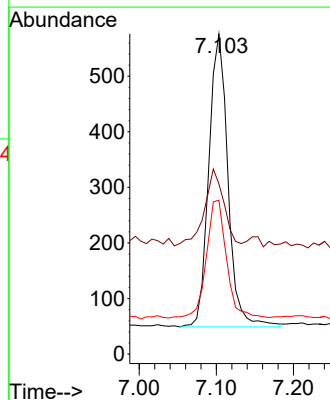
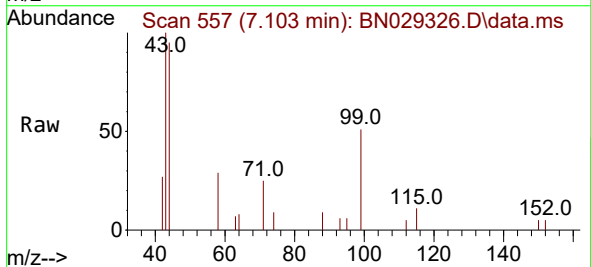
Tgt Ion: 99 Resp: 906

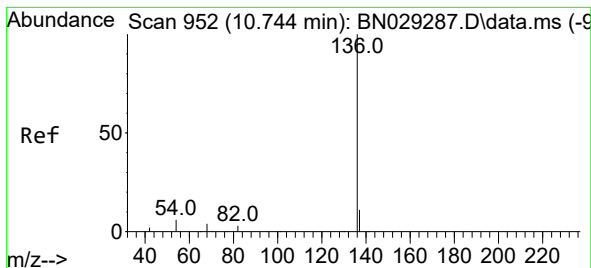
Ion Ratio Lower Upper

99 100

42 26.4 19.1 28.7

71 42.3 31.2 46.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.744 min Scan# 9

Delta R.T. 0.000 min

Lab File: BN029326.D

Acq: 20 Jan 2024 04:30

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-DUP-20240116

Tgt Ion:136 Resp: 8298

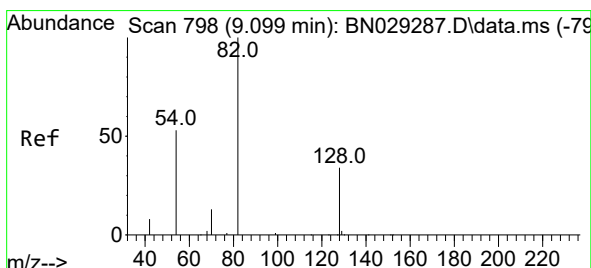
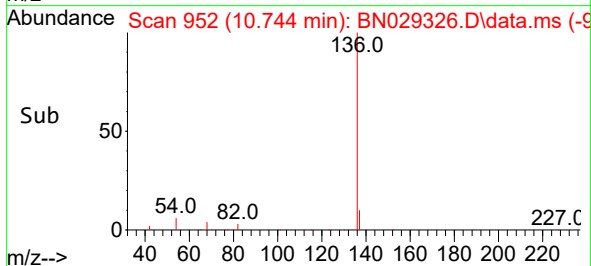
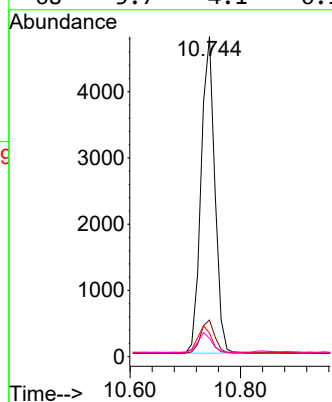
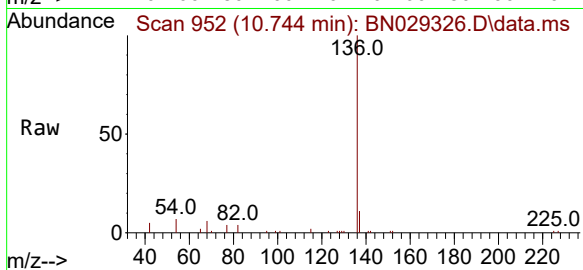
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.3 5.2 7.8

68 5.7 4.1 6.1



#8

Nitrobenzene-d5

Concen: 0.272 ng

RT: 9.099 min Scan# 798

Delta R.T. 0.000 min

Lab File: BN029326.D

Acq: 20 Jan 2024 04:30

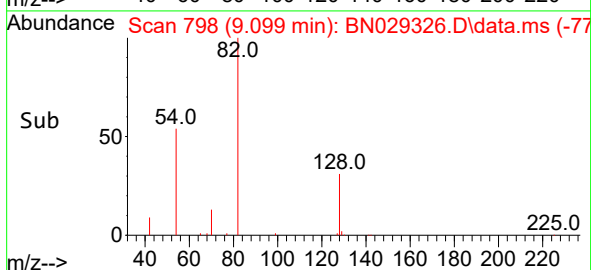
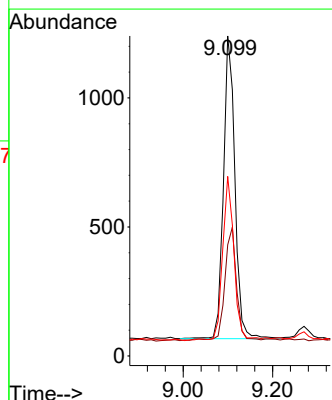
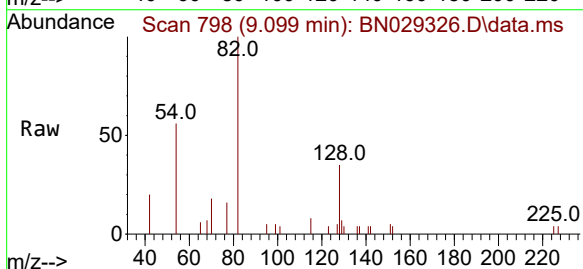
Tgt Ion: 82 Resp: 2096

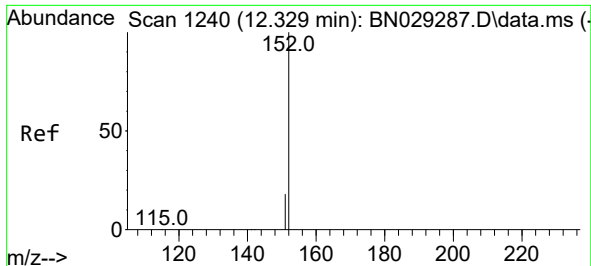
Ion Ratio Lower Upper

82 100

128 34.8 28.6 43.0

54 56.1 42.9 64.3

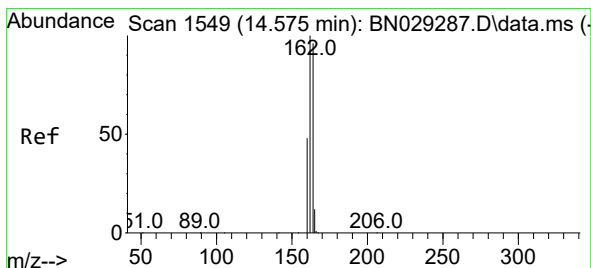
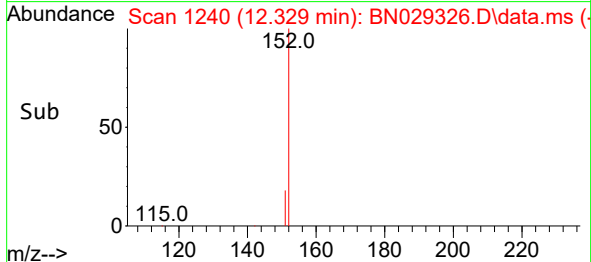
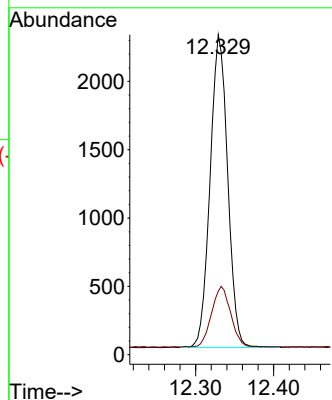
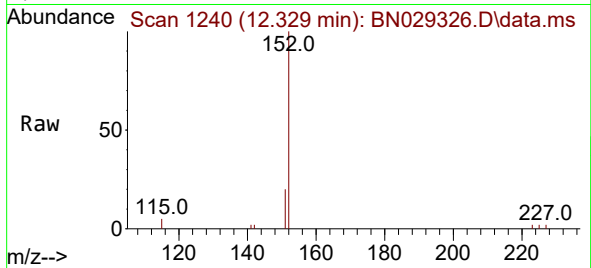




#11
2-Methylnaphthalene-d10
Concen: 0.253 ng
RT: 12.329 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029326.D
Acq: 20 Jan 2024 04:30

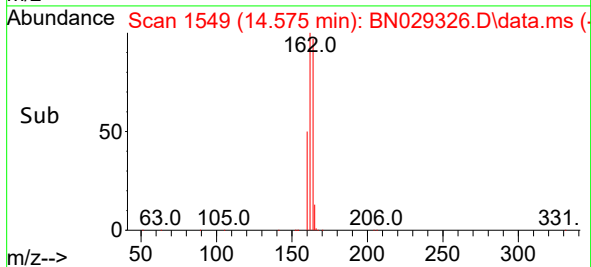
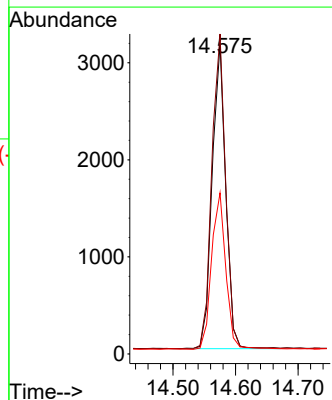
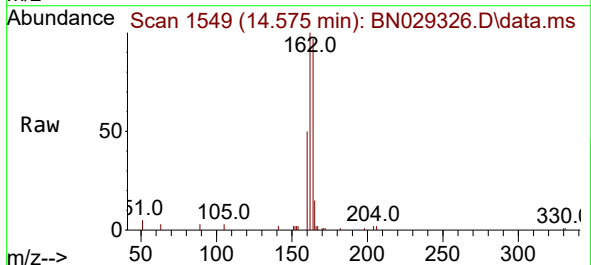
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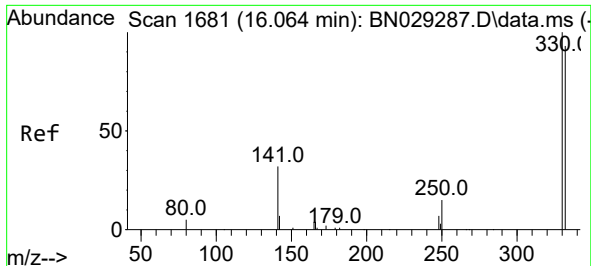
Tgt Ion:152 Resp: 3579
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.575 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN029326.D
Acq: 20 Jan 2024 04:30

Tgt Ion:164 Resp: 4714
Ion Ratio Lower Upper
164 100
162 103.1 83.4 125.2
160 51.9 40.6 61.0

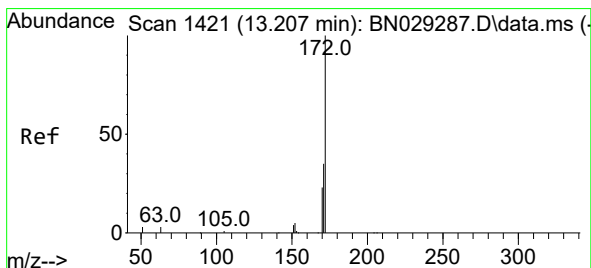
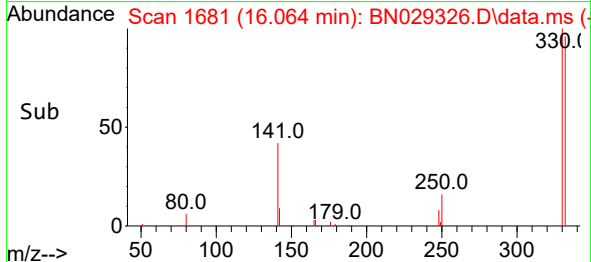
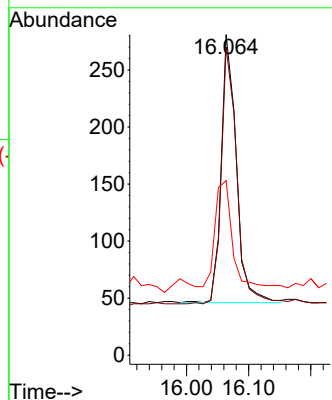
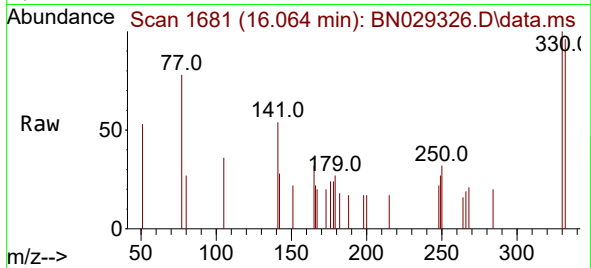




#14
2,4,6-Tribromophenol
Concen: 0.273 ng
RT: 16.064 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN029326.D
Acq: 20 Jan 2024 04:30

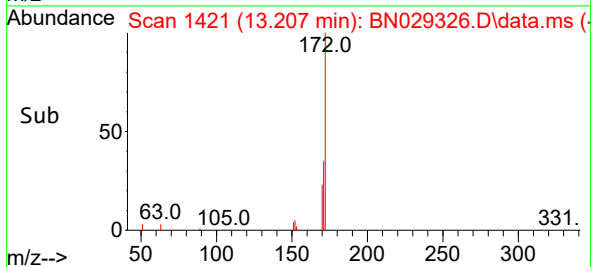
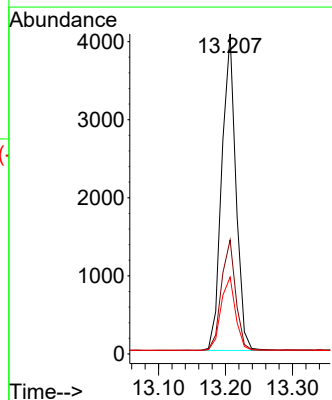
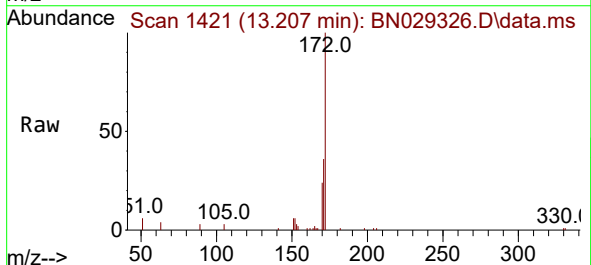
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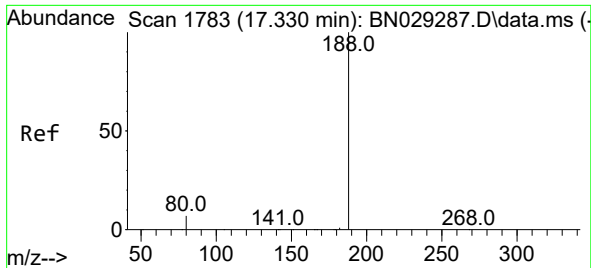
Tgt Ion: 330 Resp: 395
Ion Ratio Lower Upper
330 100
332 98.7 77.0 115.6
141 45.6 34.3 51.5



#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 13.207 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN029326.D
Acq: 20 Jan 2024 04:30

Tgt Ion: 172 Resp: 5947
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.0 18.7 28.1

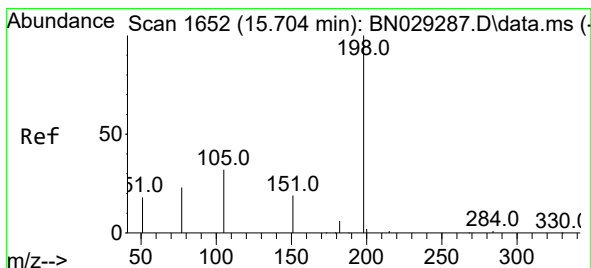
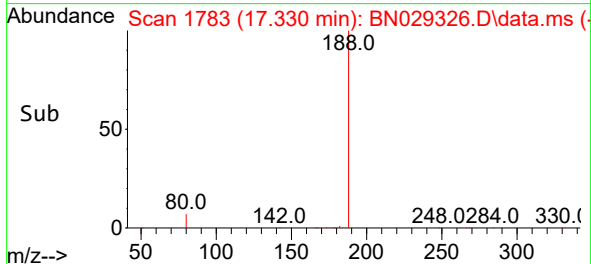
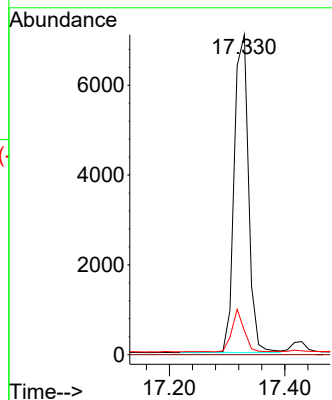
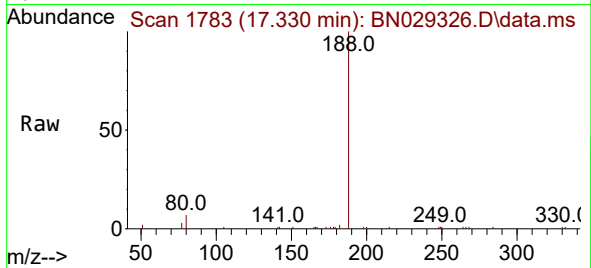




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.330 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029326.D
Acq: 20 Jan 2024 04:30

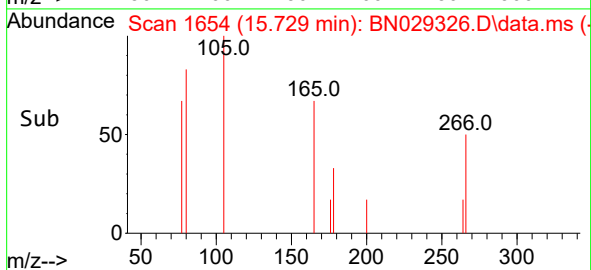
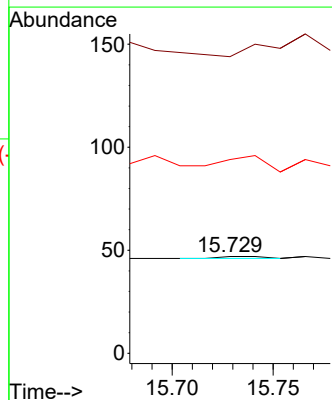
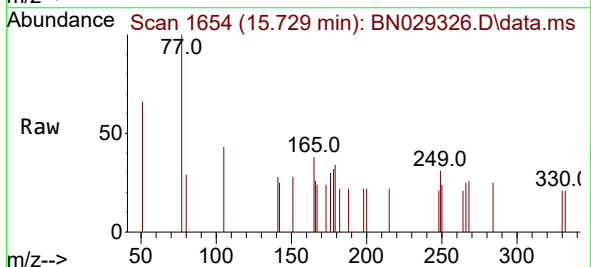
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ClientSampleId :
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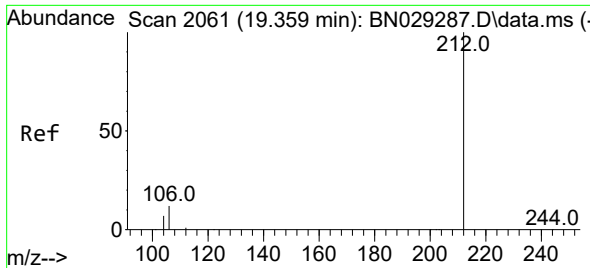
Tgt Ion:188 Resp: 12104
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 5.7 8.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.154 ng
RT: 15.729 min Scan# 1654
Delta R.T. 0.025 min
Lab File: BN029326.D
Acq: 20 Jan 2024 04:30

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 306.4 48.8 73.2#
105 200.0 39.0 58.6#

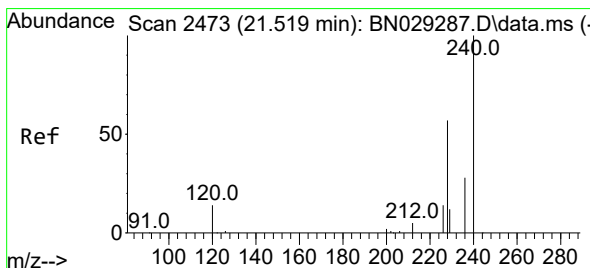
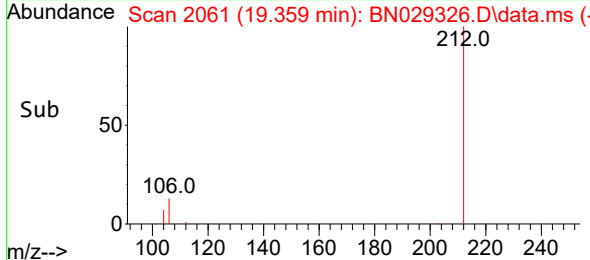
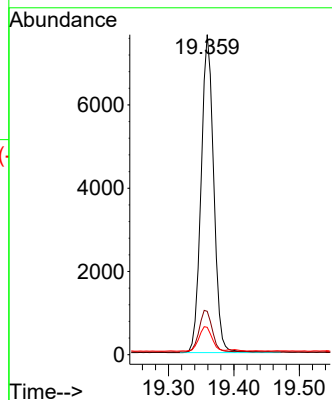
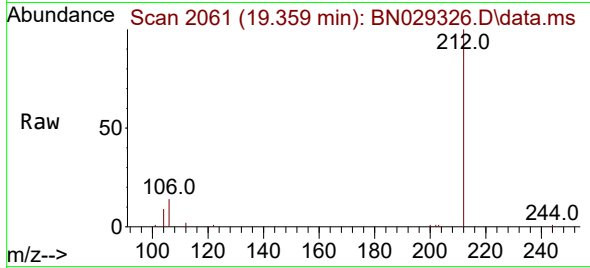




#27
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.359 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BN029326.D
Acq: 20 Jan 2024 04:30

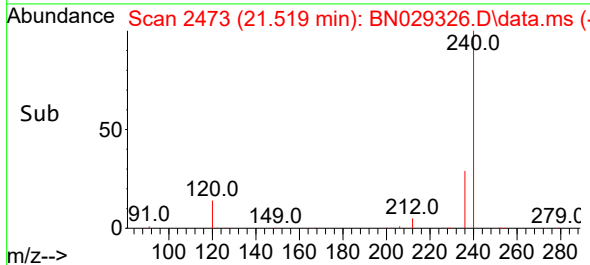
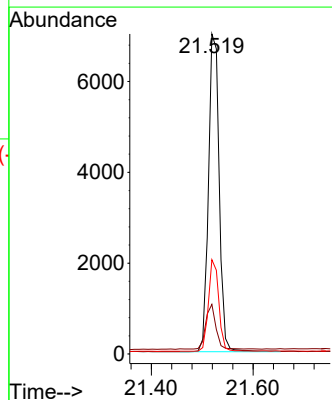
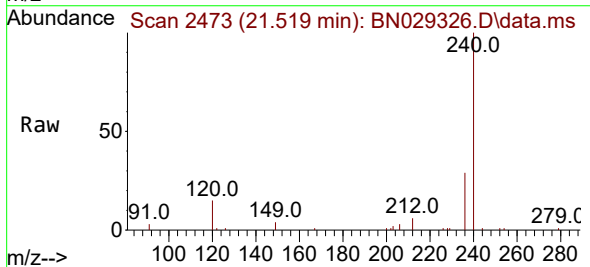
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-DUP-20240116

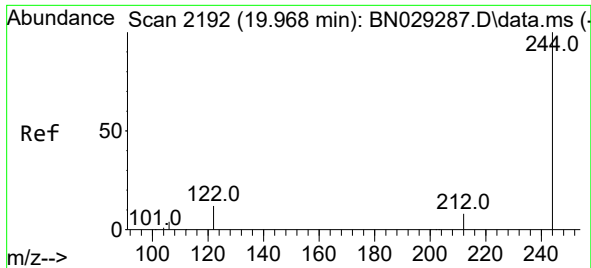
Tgt Ion	Ratio	Lower	Upper
212	100		
106	13.7	9.9	14.9
104	7.9	5.8	8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.519 min Scan# 2473
Delta R.T. 0.000 min
Lab File: BN029326.D
Acq: 20 Jan 2024 04:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.5	11.8	17.8
236	29.4	22.7	34.1

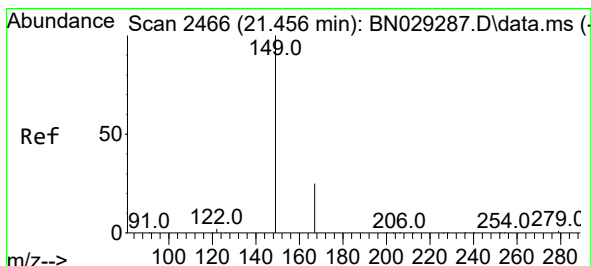
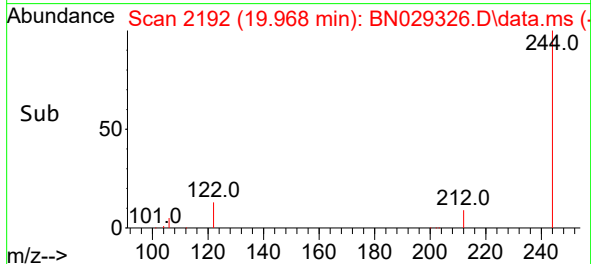
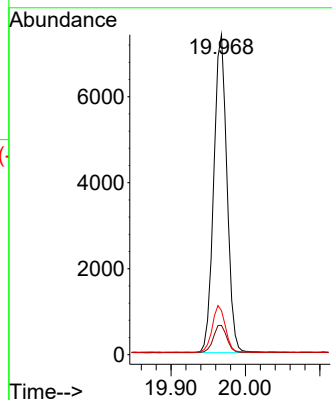
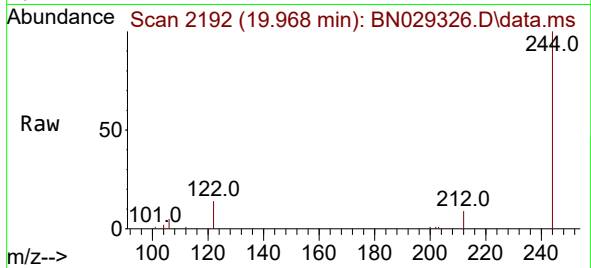




#31
 Terphenyl-d14
 Concen: 0.354 ng
 RT: 19.968 min Scan# 2192
 Delta R.T. 0.000 min
 Lab File: BN029326.D
 Acq: 20 Jan 2024 04:30

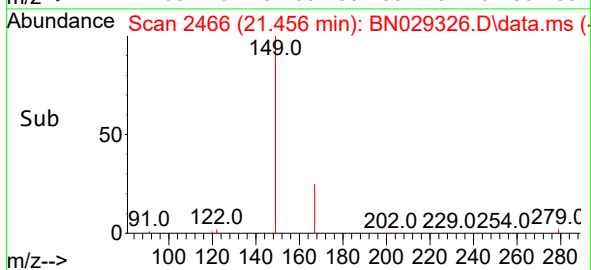
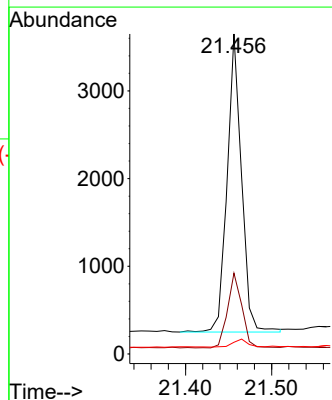
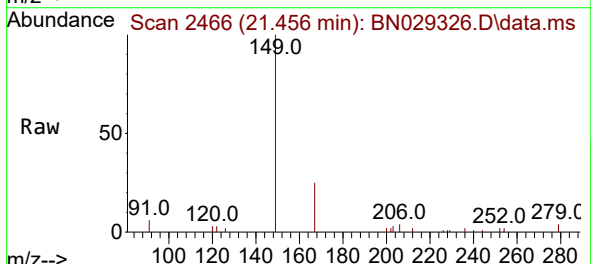
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-DUP-20240116

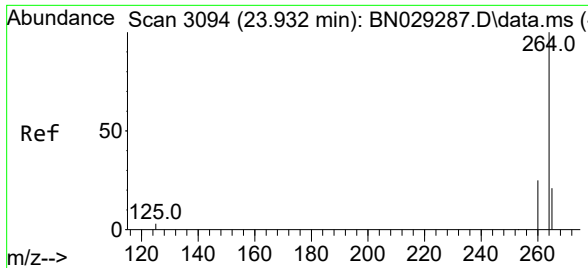
Tgt Ion:244 Resp: 9099
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.0 10.4
 122 13.8 10.2 15.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.220 ng
 RT: 21.456 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BN029326.D
 Acq: 20 Jan 2024 04:30

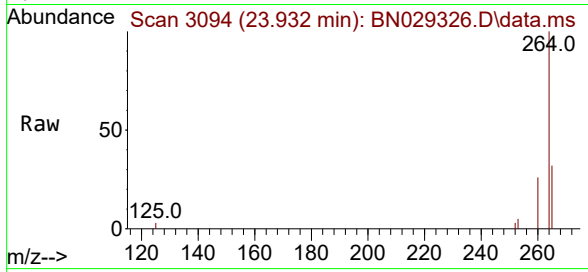
Tgt Ion:149 Resp: 3931
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.3 30.5
 279 2.7 2.6 4.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.932 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BN029326.D
Acq: 20 Jan 2024 04:30

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-DUP-20240116



Tgt Ion:264 Resp: 9973

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.7	31.1
265	32.4	21.4	32.0

