

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029063.D
 Acq On : 06 Dec 2023 19:37
 Operator : MA/JU
 Sample : 05350-10DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20231107DL

Quant Time: Dec 06 22:53:43 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)

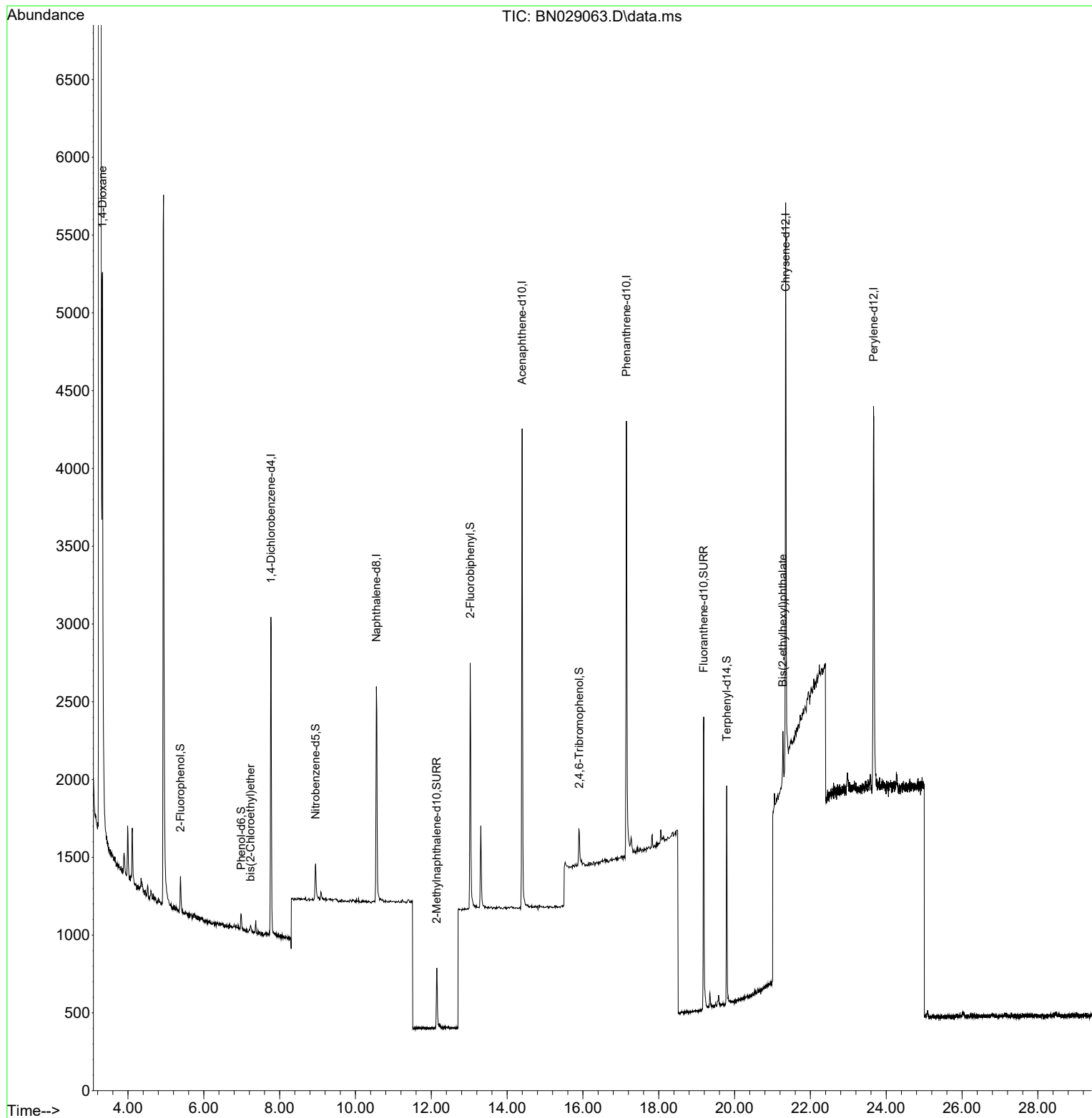
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1091	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2108	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	1793	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	4614	0.400	ng	0.00
29) Chrysene-d12	21.347	240	3529	0.400	ng	0.00
35) Perylene-d12	23.667	264	3527	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	187	0.076	ng	0.00
5) Phenol-d6	6.988	99	115	0.039	ng	0.00
8) Nitrobenzene-d5	8.950	82	307	0.121	ng	0.01
11) 2-Methylnaphthalene-d10	12.144	152	610	0.138	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	189	0.095	ng	0.01
15) 2-Fluorobiphenyl	13.028	172	1564	0.168	ng	0.00
27) Fluoranthene-d10	19.185	212	2407	0.166	ng	0.00
31) Terphenyl-d14	19.794	244	1461	0.164	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.326	88	3072	3.497	ng	99
6) bis(2-Chloroethyl)ether	7.233	93	47	0.023	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.275	149	348	0.032	ng	# 90

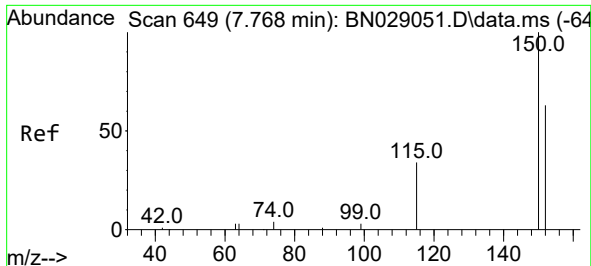
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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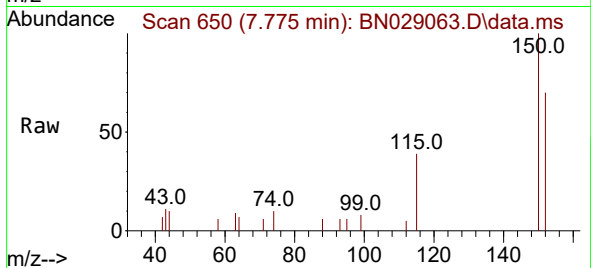
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration



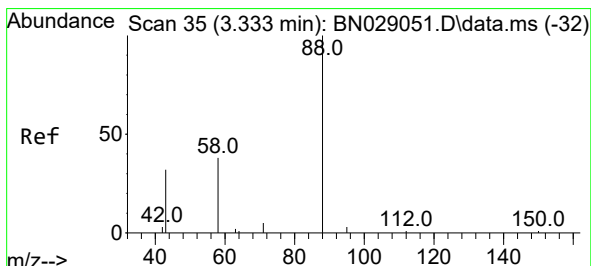
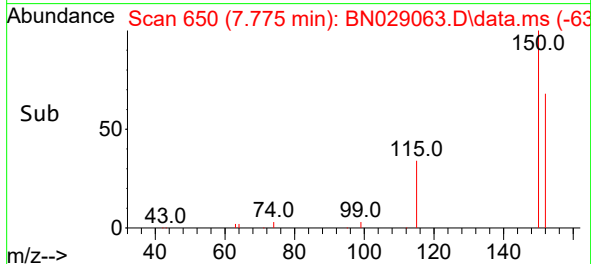
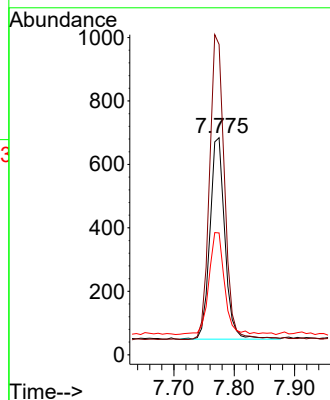


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN029063.D
 Acq: 06 Dec 2023 19:37

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20231107DL

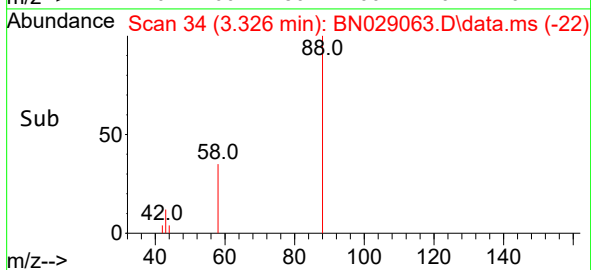
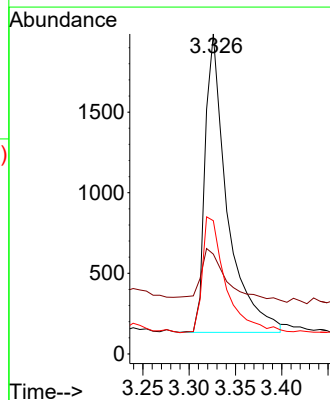
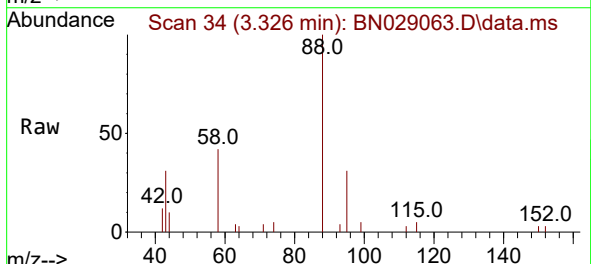


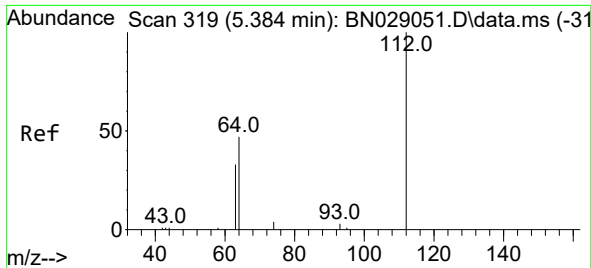
Tgt Ion:152 Resp: 1091
 Ion Ratio Lower Upper
 152 100
 150 143.0 116.2 174.4
 115 56.1 45.1 67.7



#2
 1,4-Dioxane
 Concen: 3.497 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.014 min
 Lab File: BN029063.D
 Acq: 06 Dec 2023 19:37

Tgt Ion: 88 Resp: 3072
 Ion Ratio Lower Upper
 88 100
 43 19.2 15.6 23.4
 58 40.9 33.2 49.8

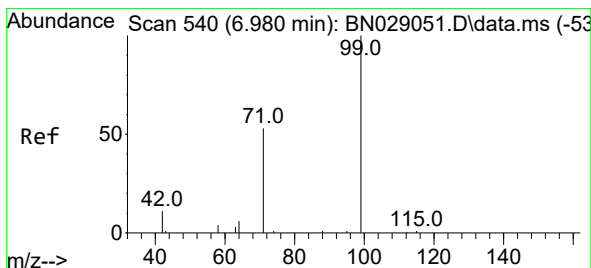
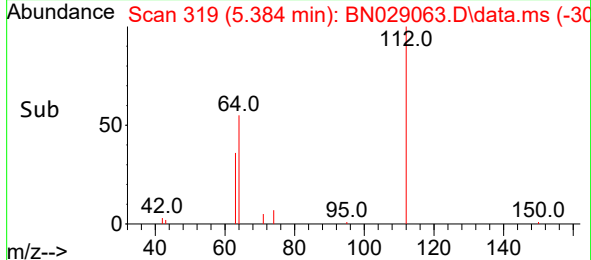
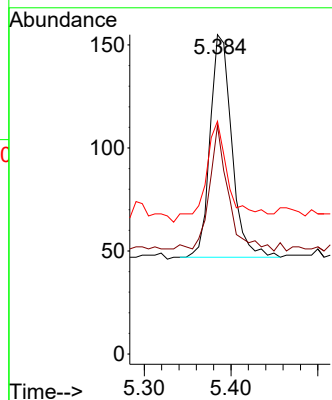
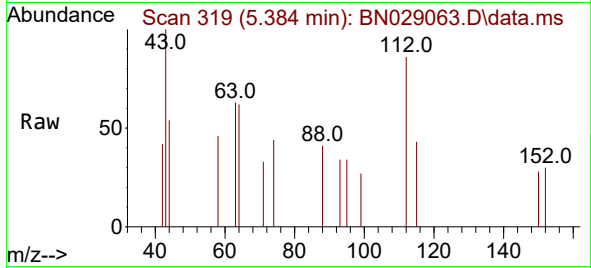




#4
2-Fluorophenol
Concen: 0.076 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN029063.D
Acq: 06 Dec 2023 19:37

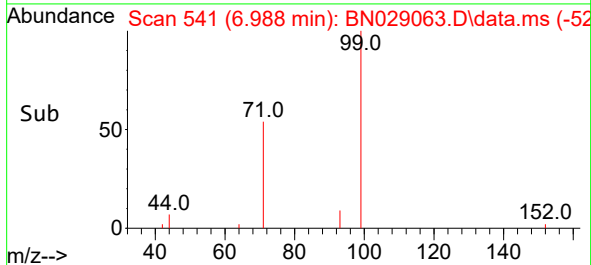
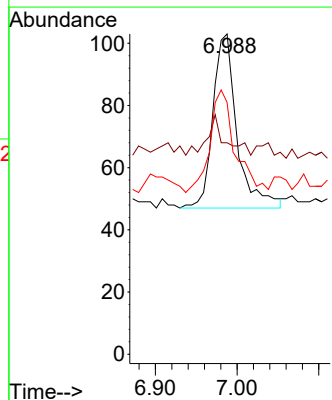
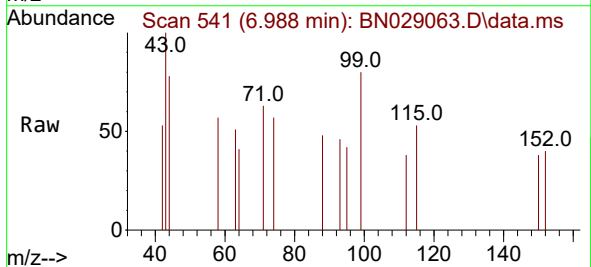
Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107DL

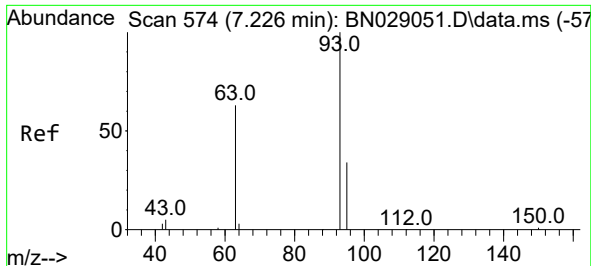
Tgt Ion:112 Resp: 187
Ion Ratio Lower Upper
112 100
64 50.3 37.0 55.6
63 49.2 29.0 43.6#



#5
Phenol-d6
Concen: 0.039 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN029063.D
Acq: 06 Dec 2023 19:37

Tgt Ion: 99 Resp: 115
Ion Ratio Lower Upper
99 100
42 17.4 13.4 20.2
71 60.9 47.8 71.6

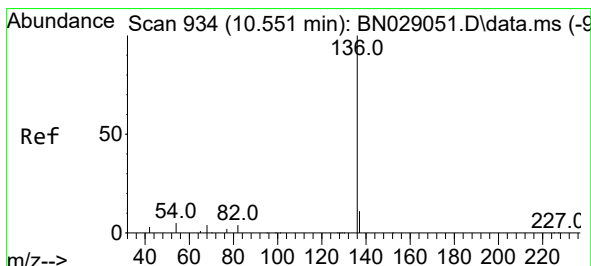
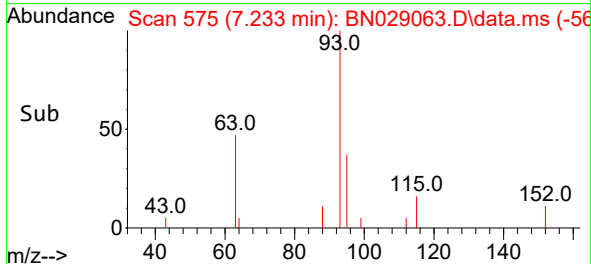
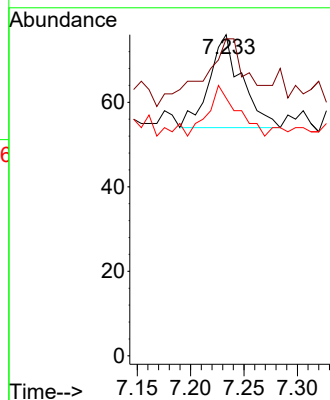
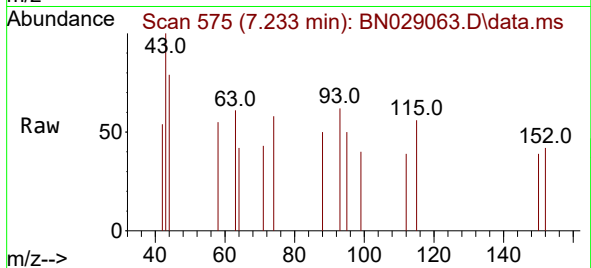




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.233 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN029063.D
Acq: 06 Dec 2023 19:37

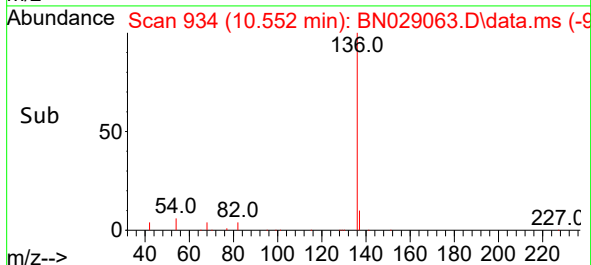
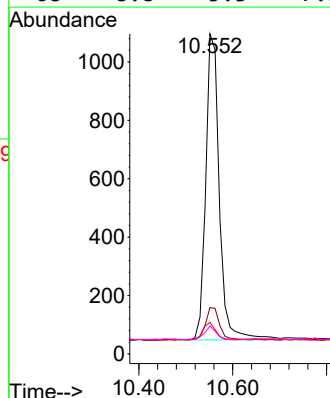
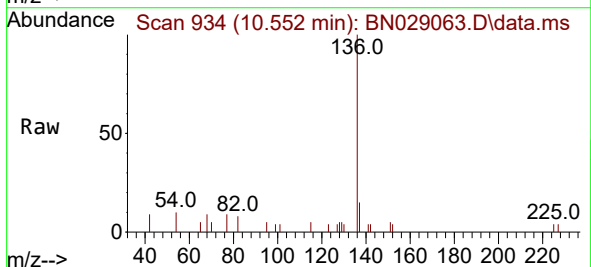
Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107DL

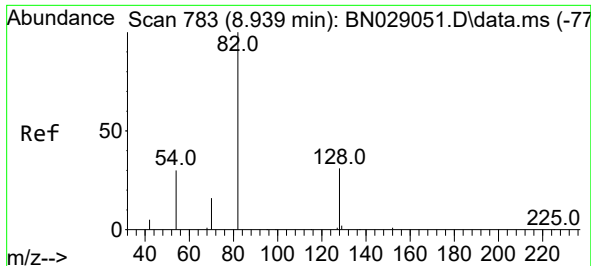
Tgt Ion: 93 Resp: 47
Ion Ratio Lower Upper
93 100
63 95.7 48.4 72.6#
95 48.9 28.1 42.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN029063.D
Acq: 06 Dec 2023 19:37

Tgt Ion: 136 Resp: 2108
Ion Ratio Lower Upper
136 100
137 14.5 11.9 17.9
54 9.9 6.4 9.6#
68 8.8 5.3 7.9#

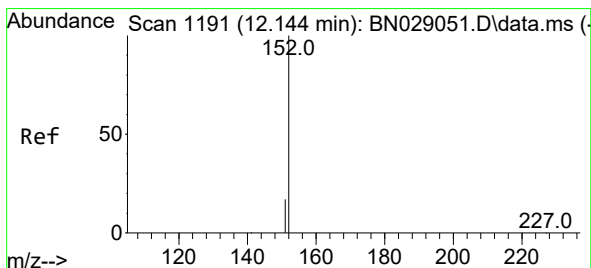
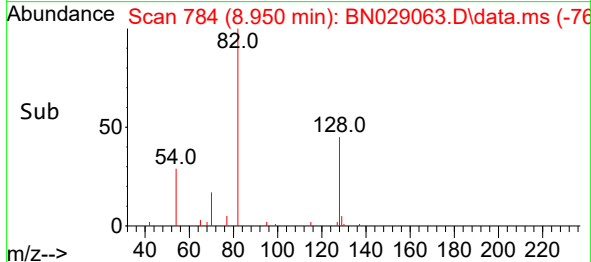
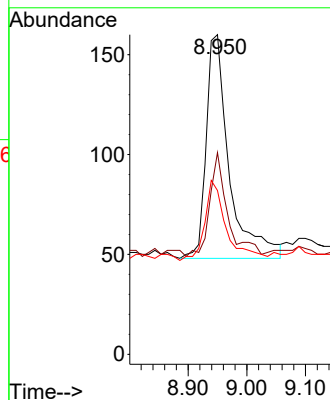
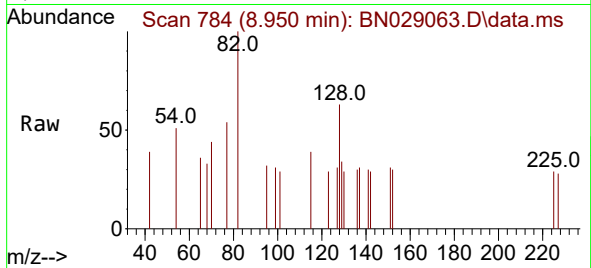




#8
 Nitrobenzene-d5
 Concen: 0.121 ng
 RT: 8.950 min Scan# 71
 Delta R.T. 0.011 min
 Lab File: BN029063.D
 Acq: 06 Dec 2023 19:37

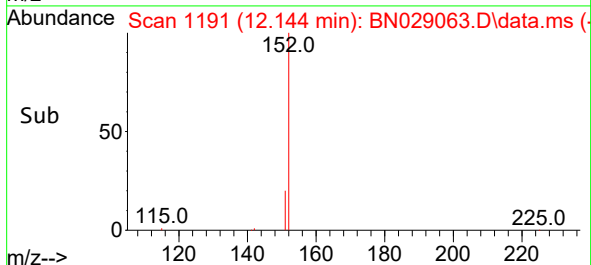
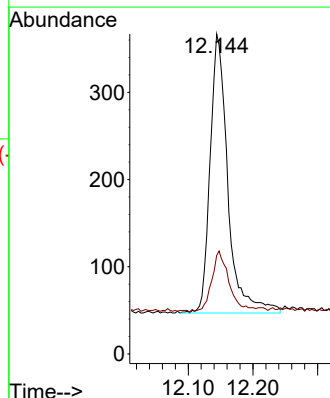
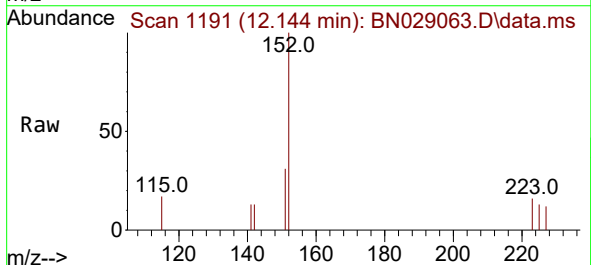
Instrument :
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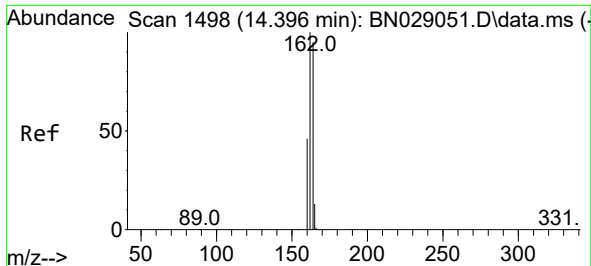
Tgt Ion: 82 Resp: 307
 Ion Ratio Lower Upper
 82 100
 128 63.1 28.2 42.4#
 54 51.3 32.1 48.1#



#11
 2-Methylnaphthalene-d10
 Concen: 0.138 ng
 RT: 12.144 min Scan# 1191
 Delta R.T. -0.004 min
 Lab File: BN029063.D
 Acq: 06 Dec 2023 19:37

Tgt Ion:152 Resp: 610
 Ion Ratio Lower Upper
 152 100
 151 21.8 17.4 26.0

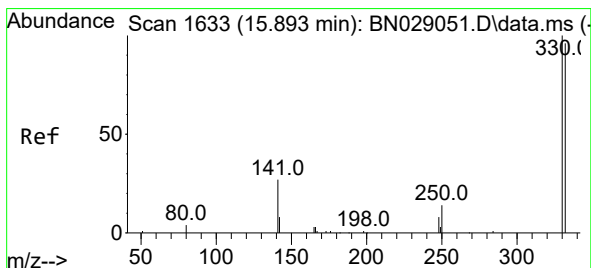
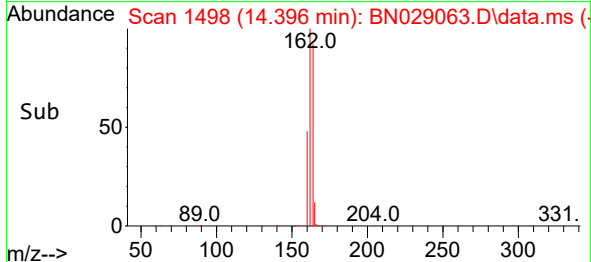
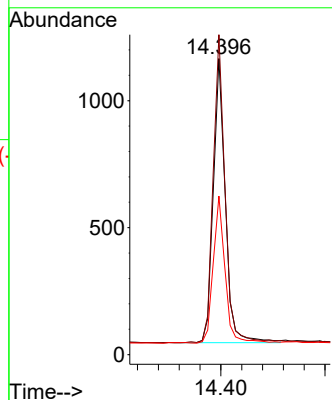
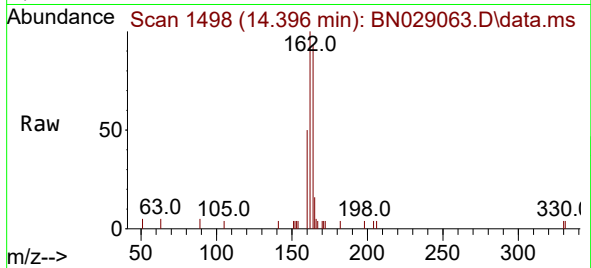




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN029063.D
Acq: 06 Dec 2023 19:37

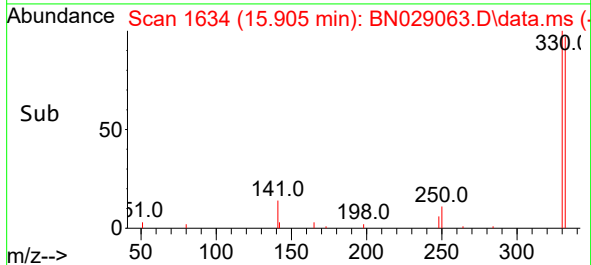
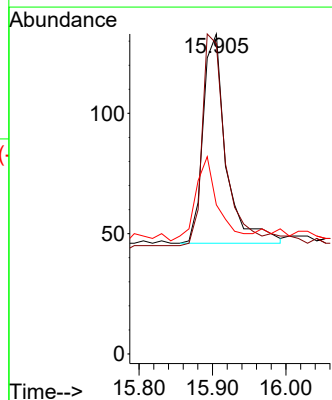
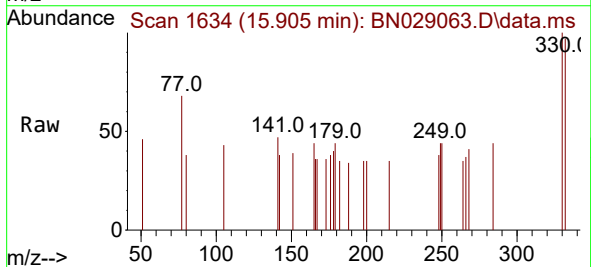
Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107DL

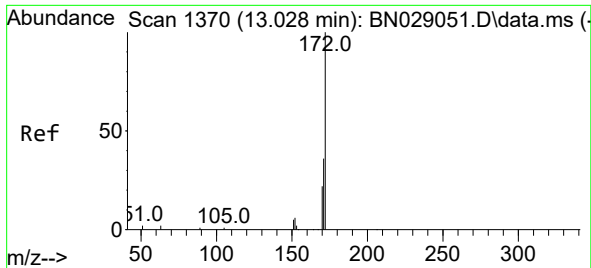
Tgt Ion:164 Resp: 1793
Ion Ratio Lower Upper
164 100
162 108.1 85.0 127.6
160 53.5 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.095 ng
RT: 15.905 min Scan# 1634
Delta R.T. 0.013 min
Lab File: BN029063.D
Acq: 06 Dec 2023 19:37

Tgt Ion:330 Resp: 189
Ion Ratio Lower Upper
330 100
332 104.8 78.8 118.2
141 38.6 28.7 43.1

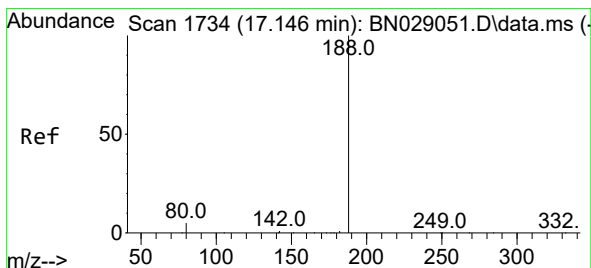
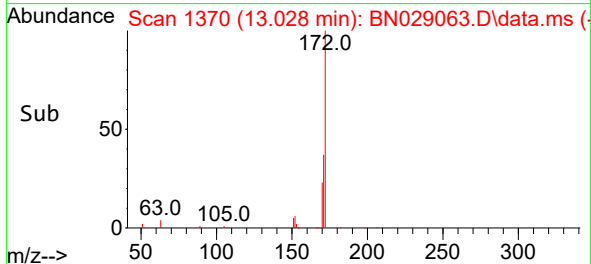
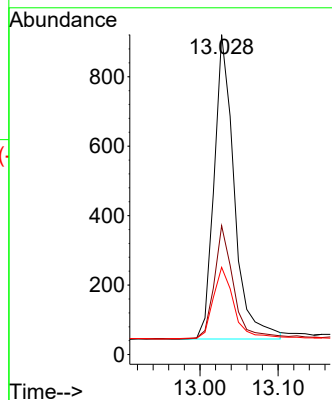
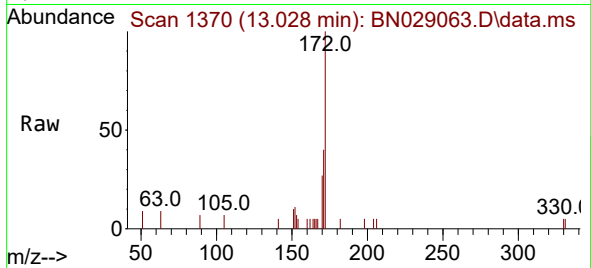




#15
2-Fluorobiphenyl
Concen: 0.168 ng
RT: 13.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029063.D
Acq: 06 Dec 2023 19:37

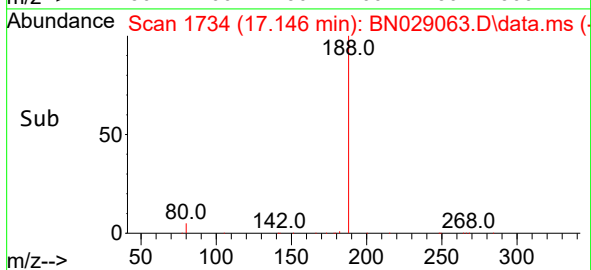
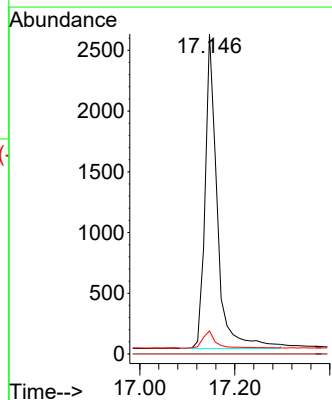
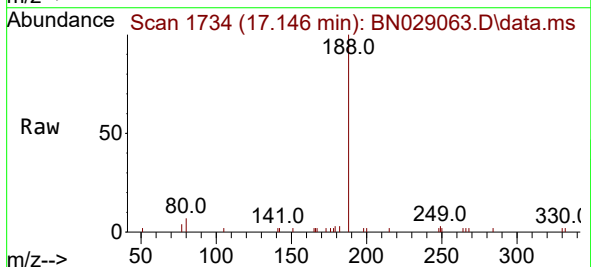
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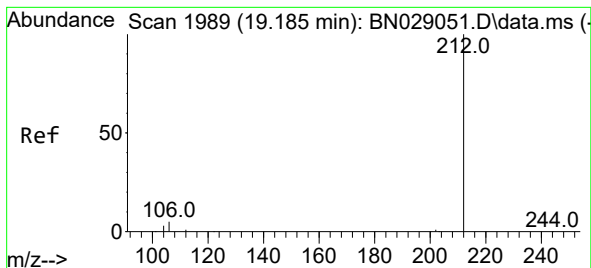
Tgt Ion:	172	Resp:	1564
Ion Ratio	Lower	Upper	
172	100		
171	40.3	30.1	45.1
170	27.3	20.3	30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN029063.D
Acq: 06 Dec 2023 19:37

Tgt Ion:	188	Resp:	4614
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.2	5.4	8.0





#27

Fluoranthene-d10

Concen: 0.166 ng

RT: 19.185 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BN029063.D

Acq: 06 Dec 2023 19:37

Instrument :

BNA_N

ClientSampleId :

RE115D2-20231107DL

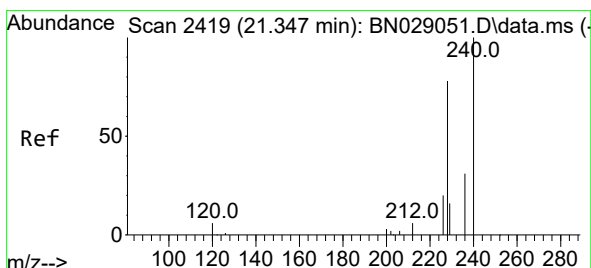
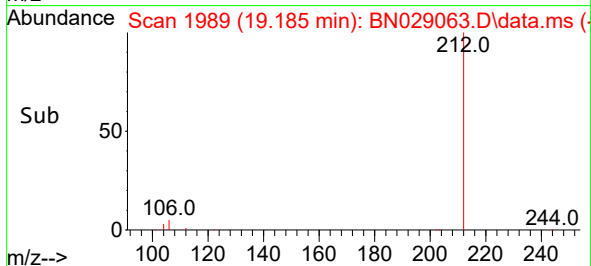
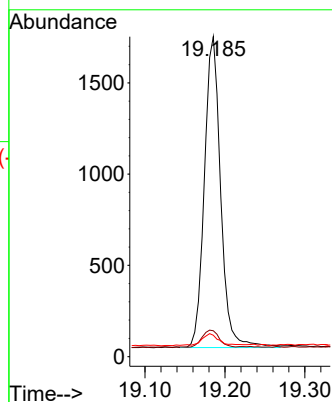
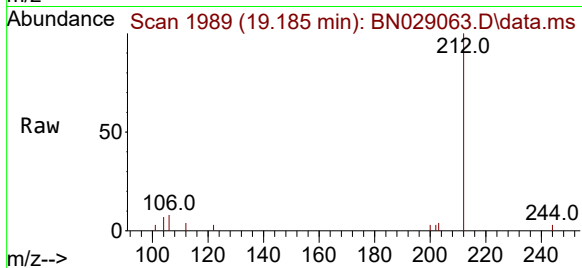
Tgt Ion:212 Resp: 2407

Ion Ratio Lower Upper

212 100

106 5.8 3.9 5.9

104 4.4 2.6 3.8#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029063.D

Acq: 06 Dec 2023 19:37

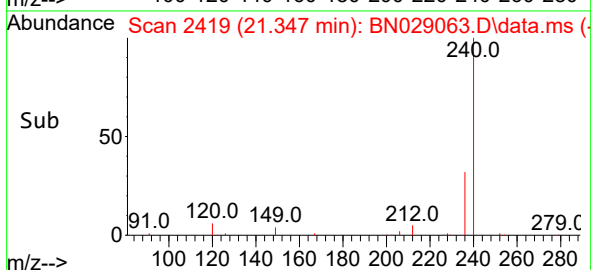
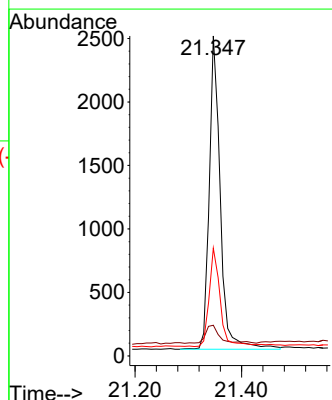
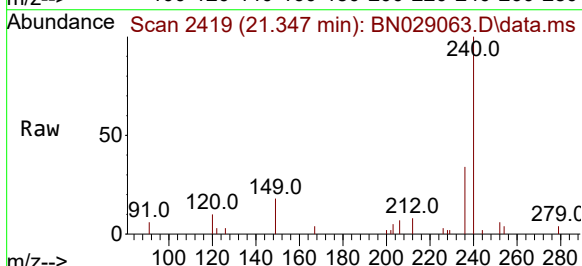
Tgt Ion:240 Resp: 3529

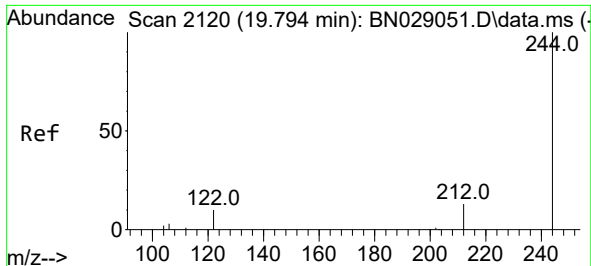
Ion Ratio Lower Upper

240 100

120 9.6 6.7 10.1

236 33.7 25.7 38.5

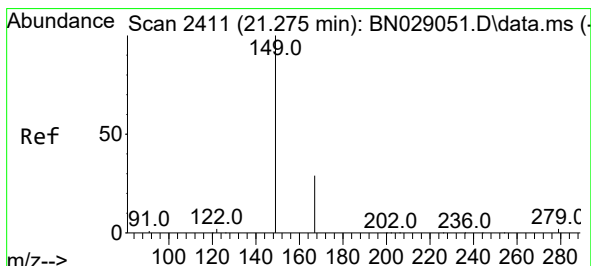
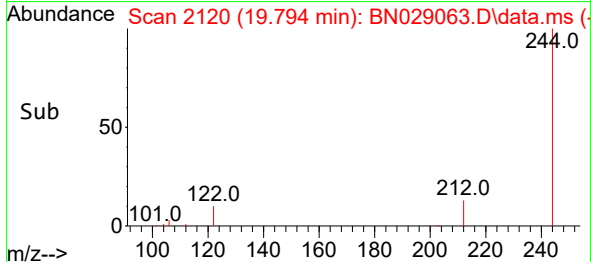
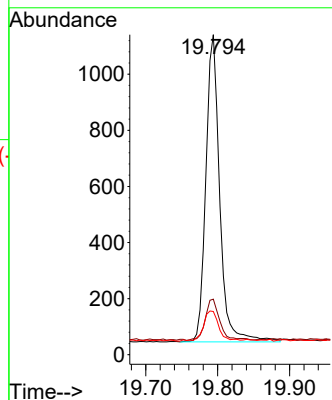
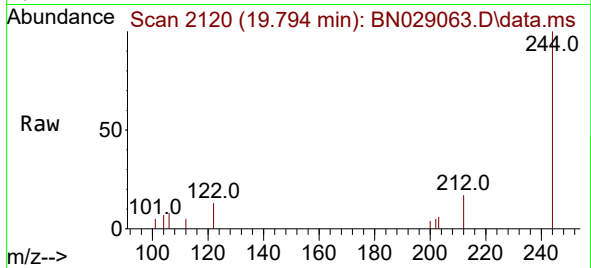




#31
 Terphenyl-d14
 Concen: 0.164 ng
 RT: 19.794 min Scan# 2120
 Delta R.T. 0.000 min
 Lab File: BN029063.D
 Acq: 06 Dec 2023 19:37

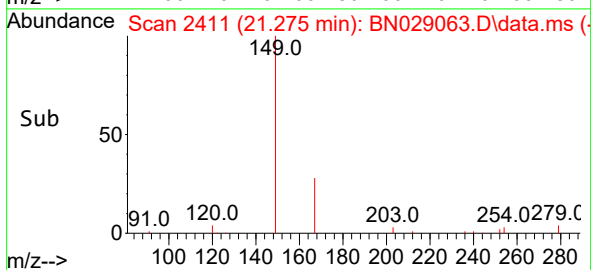
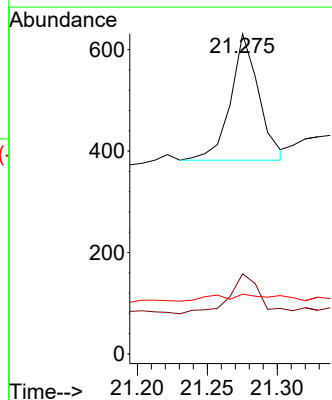
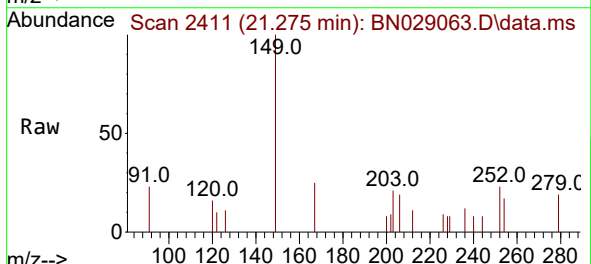
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20231107DL

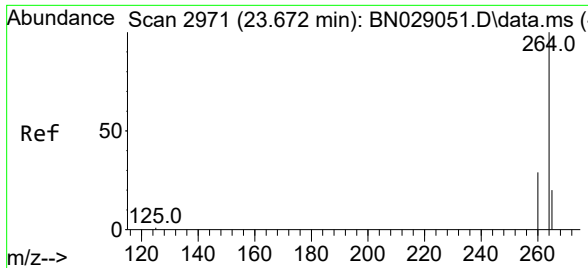
Tgt Ion:244 Resp: 1461
 Ion Ratio Lower Upper
 244 100
 212 17.4 11.6 17.4
 122 13.5 8.2 12.4#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029063.D
 Acq: 06 Dec 2023 19:37

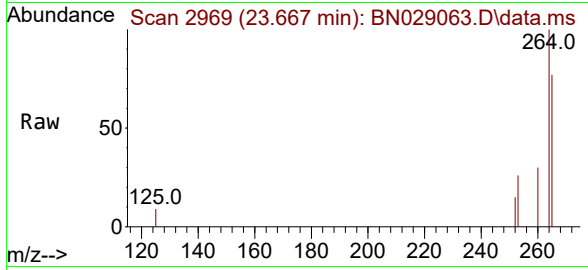
Tgt Ion:149 Resp: 348
 Ion Ratio Lower Upper
 149 100
 167 34.8 23.4 35.2
 279 7.5 3.4 5.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.667 min Scan# 2969
 Delta R.T. -0.003 min
 Lab File: BN029063.D
 Acq: 06 Dec 2023 19:37

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20231107DL



Tgt Ion:264 Resp: 3527

Ion	Ratio	Lower	Upper
264	100		
260	29.6	23.9	35.9
265	77.3	52.7	79.1

