

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029068.D
 Acq On : 06 Dec 2023 22:36
 Operator : MA/JU
 Sample : 05428-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20231113

Quant Time: Dec 06 23:06:08 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)

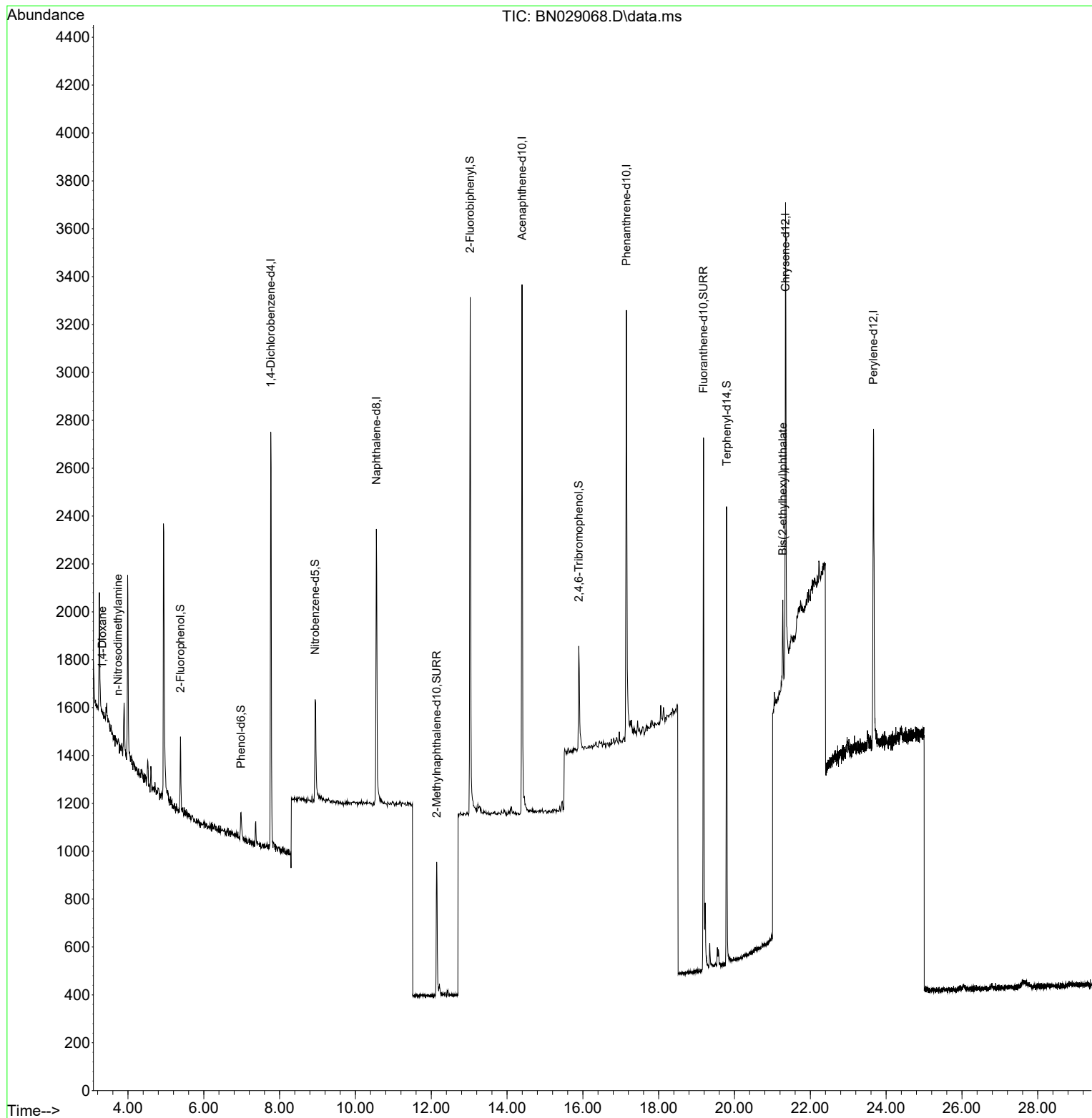
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	899	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	1705	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	1278	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	2883	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	1934	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	1927	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	243	0.119	ng	0.00
5) Phenol-d6	6.981	99	135	0.056	ng	0.00
8) Nitrobenzene-d5	8.939	82	540	0.263	ng	0.00
11) 2-Methylnaphthalene-d10	12.144	152	885	0.247	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	328	0.232	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2060	0.311	ng	0.00
27) Fluoranthene-d10	19.181	212	2913	0.322	ng	0.00
31) Terphenyl-d14	19.794	244	1969	0.402	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.319	88	20	0.028	ng	# 1
3) n-Nitrosodimethylamine	3.738	42	16	0.036	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.275	149	359	0.059	ng	97

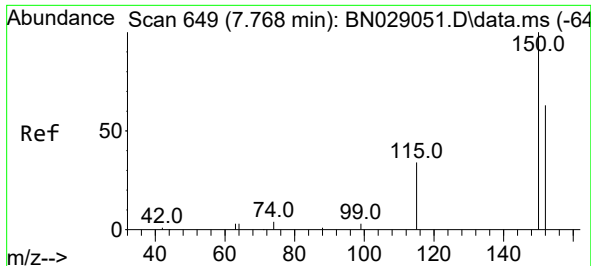
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE120D3-20231113

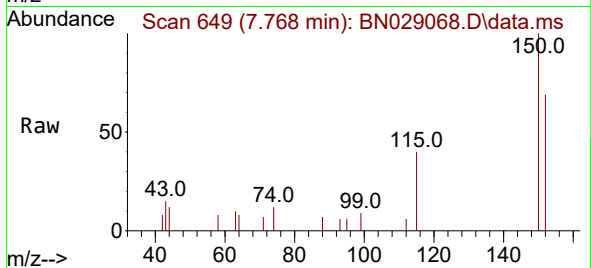
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration



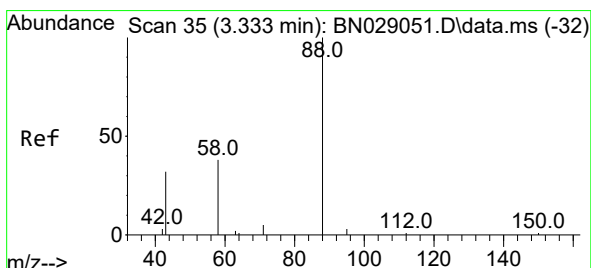
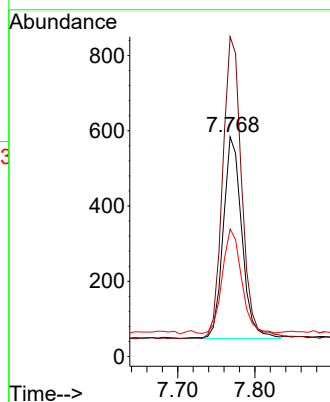
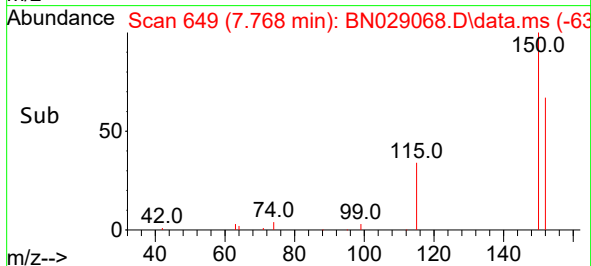


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029068.D
 Acq: 06 Dec 2023 22:36

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20231113

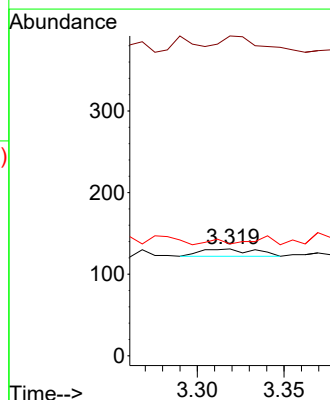
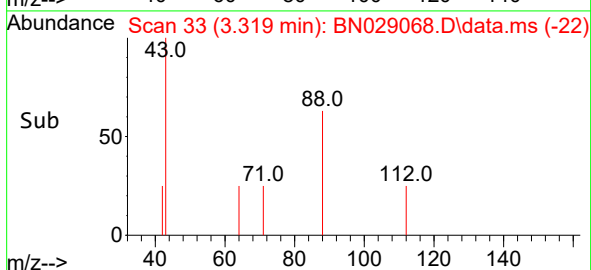
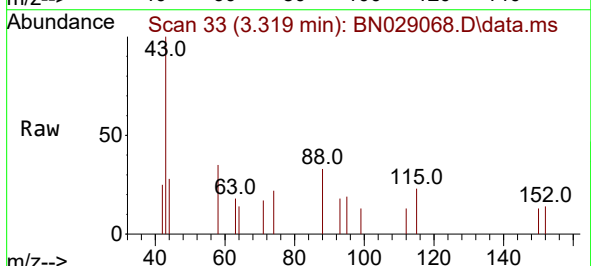


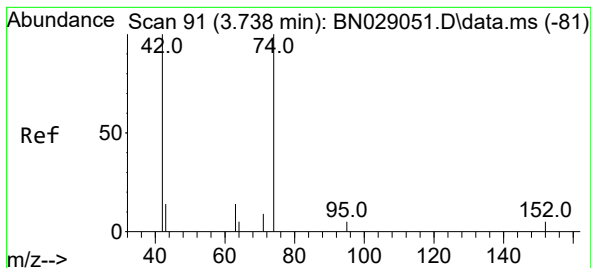
Tgt Ion:152 Resp: 899
 Ion Ratio Lower Upper
 152 100
 150 145.5 116.2 174.4
 115 58.0 45.1 67.7



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.319 min Scan# 33
 Delta R.T. -0.022 min
 Lab File: BN029068.D
 Acq: 06 Dec 2023 22:36

Tgt Ion: 88 Resp: 20
 Ion Ratio Lower Upper
 88 100
 43 235.0 15.6 23.4#
 58 25.0 33.2 49.8#





#3

n-Nitrosodimethylamine

Concen: 0.036 ng

RT: 3.738 min Scan# 91

Delta R.T. 0.015 min

Lab File: BN029068.D

Acq: 06 Dec 2023 22:36

Instrument :

BNA_N

ClientSampleId :

RE120D3-20231113

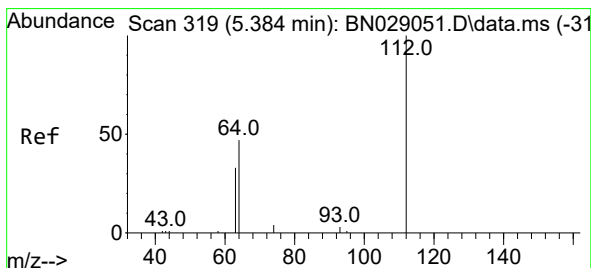
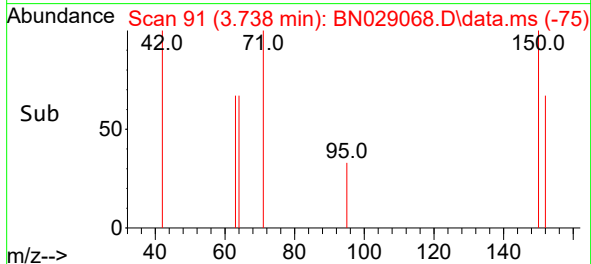
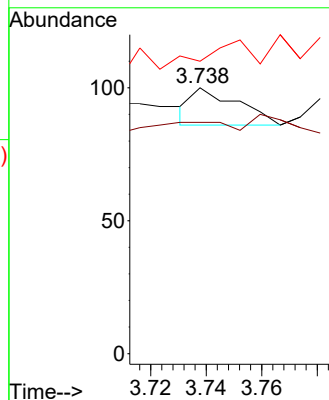
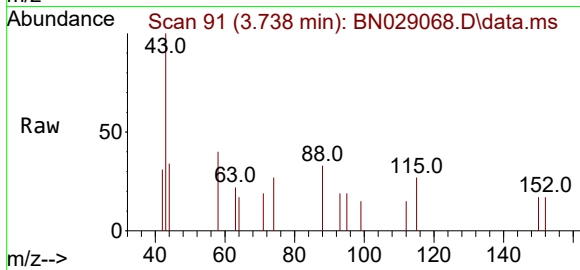
Tgt Ion: 42 Resp: 16

Ion Ratio Lower Upper

42 100

74 0.0 106.3 159.5#

44 50.0 0.0 0.0#



#4

2-Fluorophenol

Concen: 0.119 ng

RT: 5.384 min Scan# 319

Delta R.T. -0.007 min

Lab File: BN029068.D

Acq: 06 Dec 2023 22:36

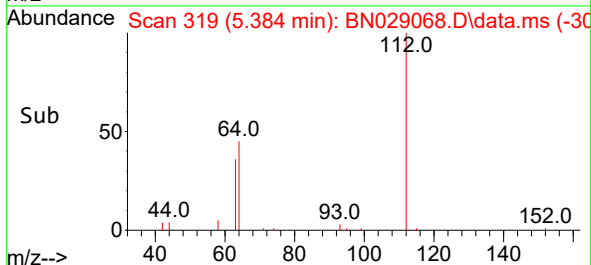
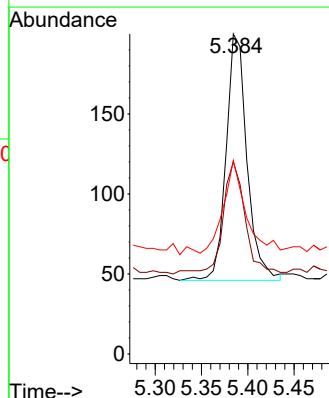
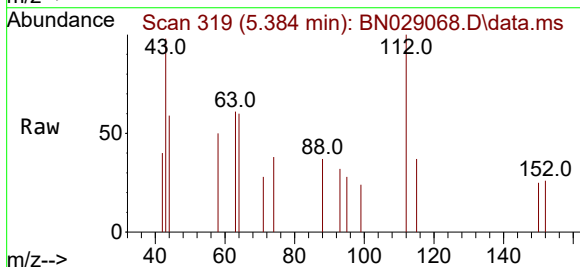
Tgt Ion: 112 Resp: 243

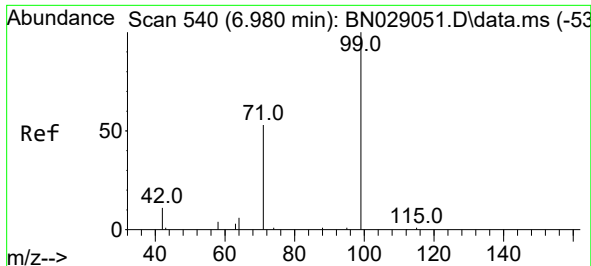
Ion Ratio Lower Upper

112 100

64 48.1 37.0 55.6

63 40.7 29.0 43.6

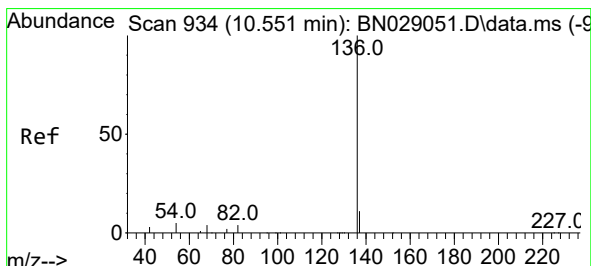
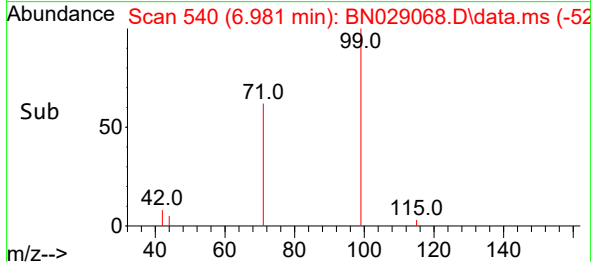
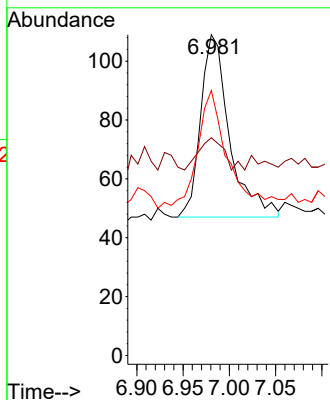
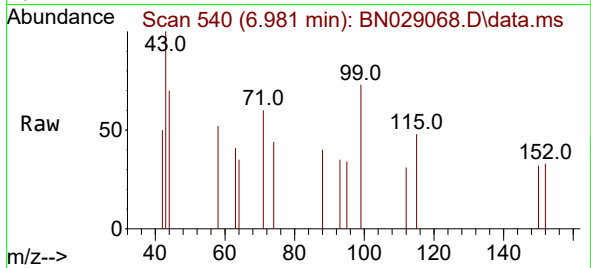




#5
Phenol-d6
Concen: 0.056 ng
RT: 6.981 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029068.D
Acq: 06 Dec 2023 22:36

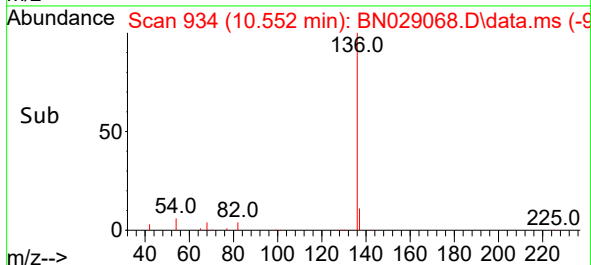
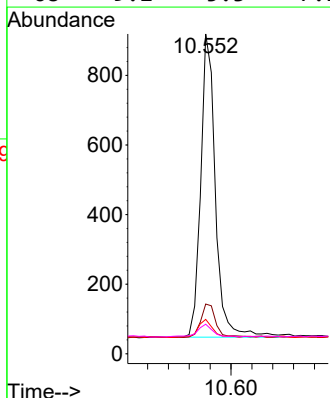
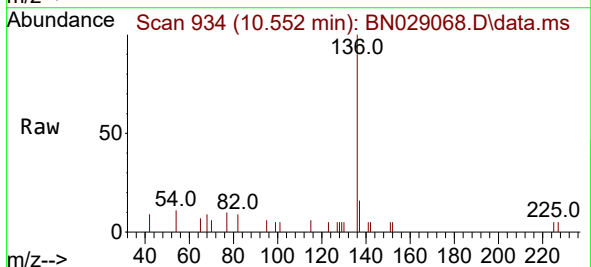
Instrument :
BNA_N
ClientSampleId :
RE120D3-20231113

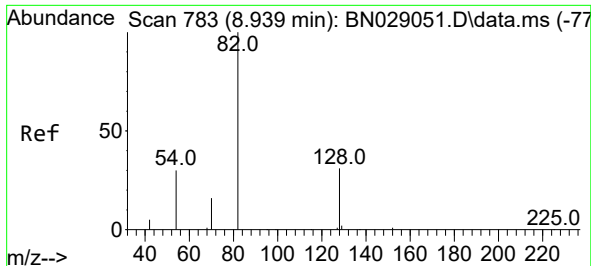
Tgt Ion: 99 Resp: 135
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.2
71 61.5 47.8 71.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN029068.D
Acq: 06 Dec 2023 22:36

Tgt Ion: 136 Resp: 1705
Ion Ratio Lower Upper
136 100
137 15.6 11.9 17.9
54 10.8 6.4 9.6#
68 9.2 5.3 7.9#

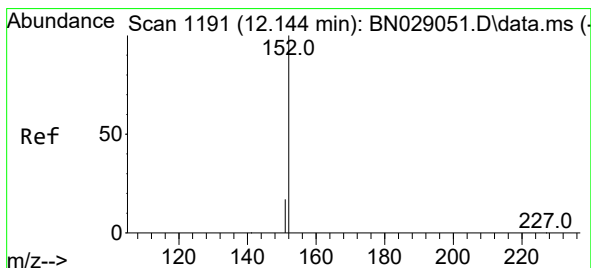
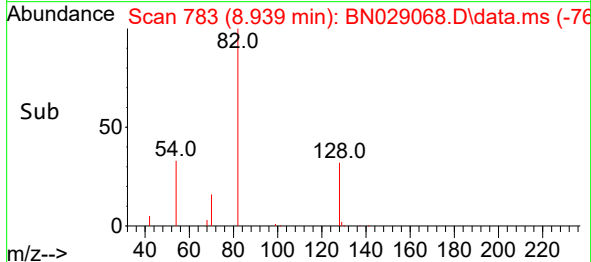
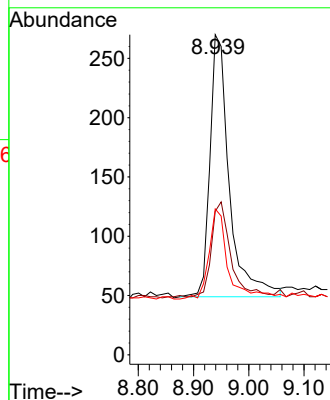
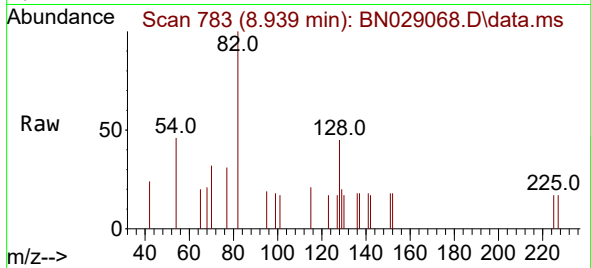




#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.939 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN029068.D
Acq: 06 Dec 2023 22:36

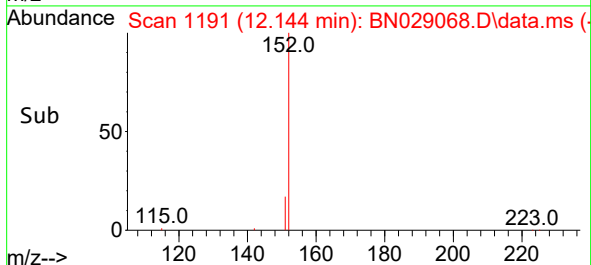
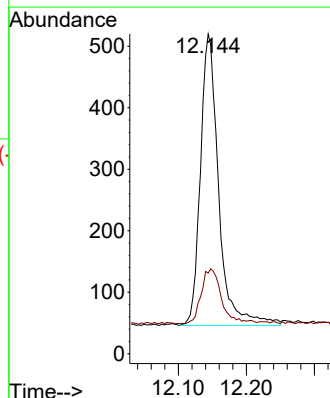
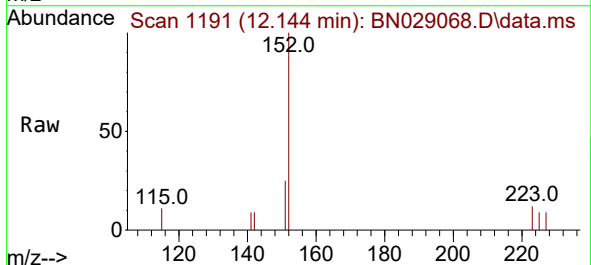
Instrument :
BNA_N
ClientSampleId :
RE120D3-20231113

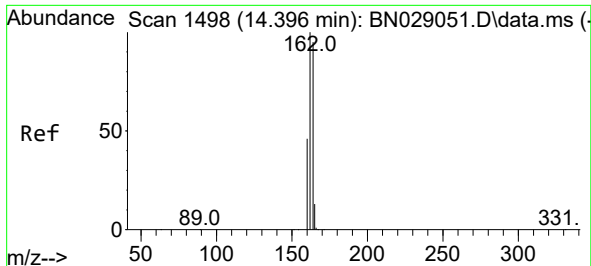
Tgt Ion: 82 Resp: 540
Ion Ratio Lower Upper
82 100
128 44.8 28.2 42.4#
54 45.6 32.1 48.1



#11
2-Methylnaphthalene-d10
Concen: 0.247 ng
RT: 12.144 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BN029068.D
Acq: 06 Dec 2023 22:36

Tgt Ion: 152 Resp: 885
Ion Ratio Lower Upper
152 100
151 20.3 17.4 26.0

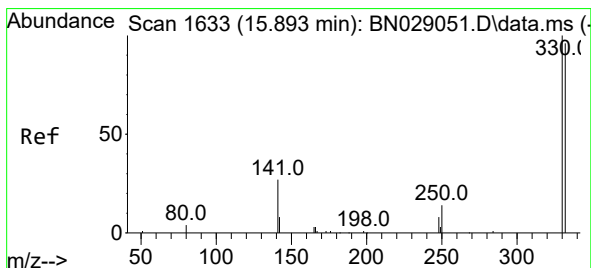
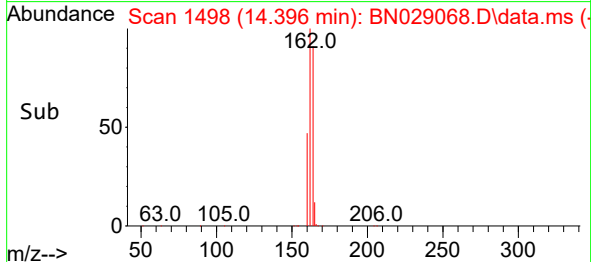
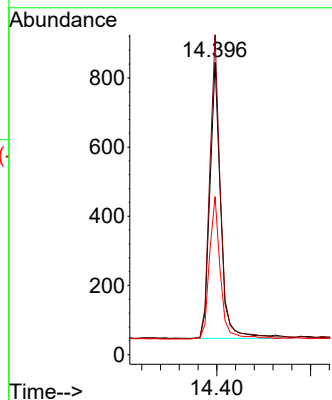
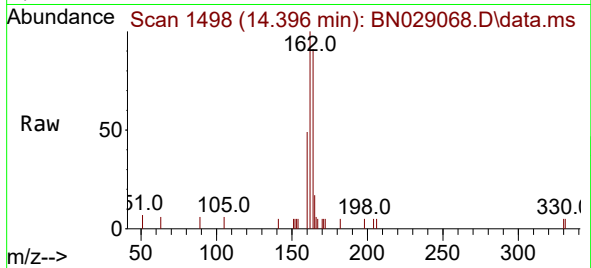




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN029068.D
Acq: 06 Dec 2023 22:36

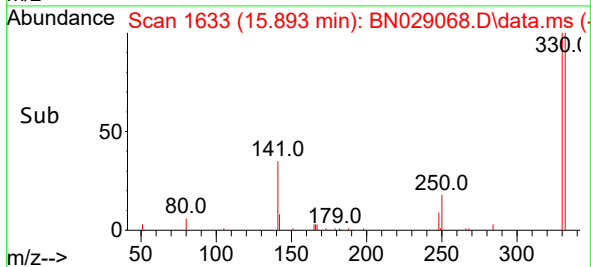
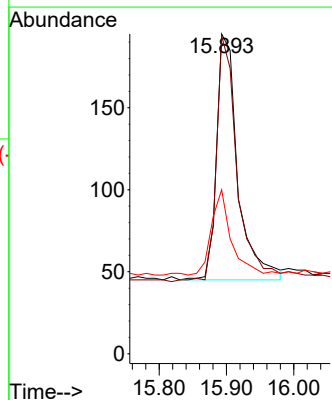
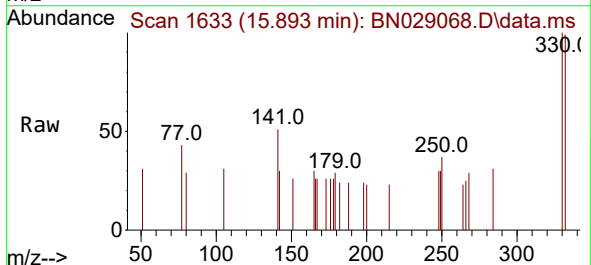
Instrument :
BNA_N
ClientSampleId :
RE120D3-20231113

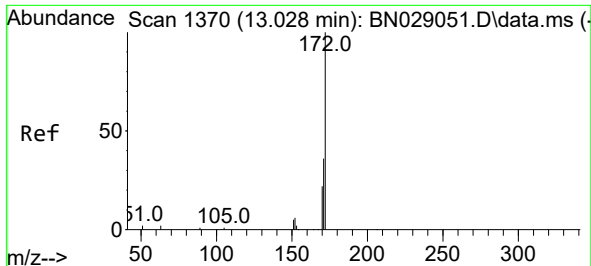
Tgt Ion:164 Resp: 1278
Ion Ratio Lower Upper
164 100
162 109.5 85.0 127.6
160 54.1 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029068.D
Acq: 06 Dec 2023 22:36

Tgt Ion:330 Resp: 328
Ion Ratio Lower Upper
330 100
332 98.5 78.8 118.2
141 32.6 28.7 43.1

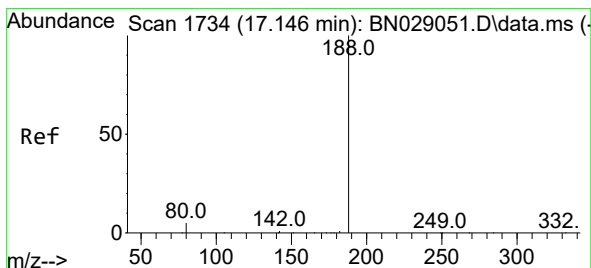
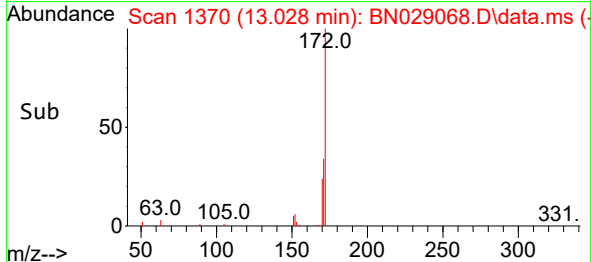
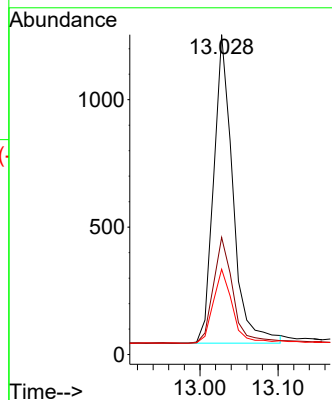
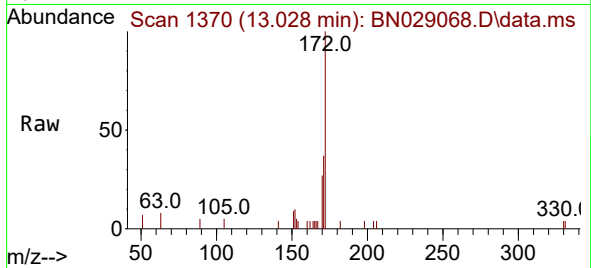




#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 13.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029068.D
Acq: 06 Dec 2023 22:36

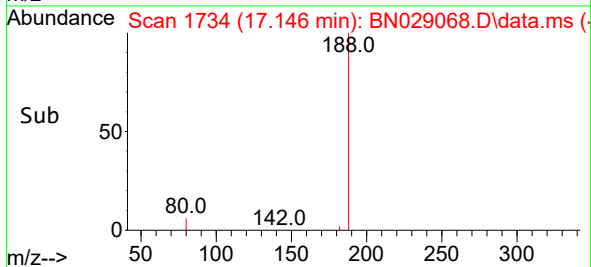
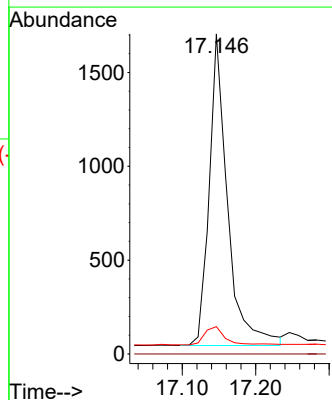
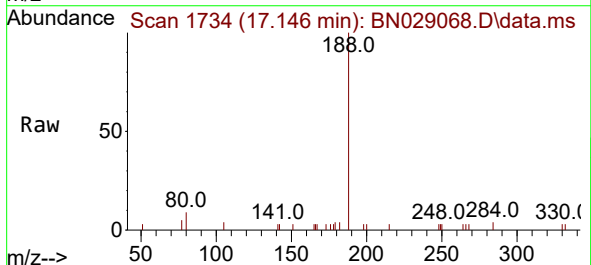
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BNA_N
ClientSampleId :
RE120D3-20231113

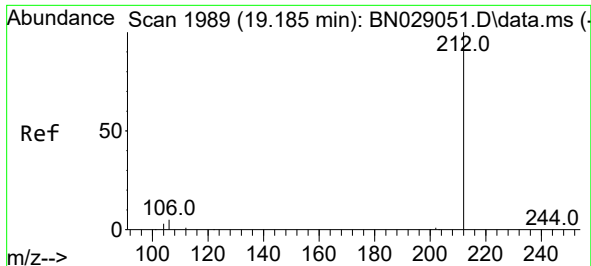
Tgt Ion:	172	Resp:	2060
Ion Ratio	Lower	Upper	
172	100		
171	36.7	30.1	45.1
170	26.7	20.3	30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN029068.D
Acq: 06 Dec 2023 22:36

Tgt Ion:	188	Resp:	2883
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.6	5.4	8.0#

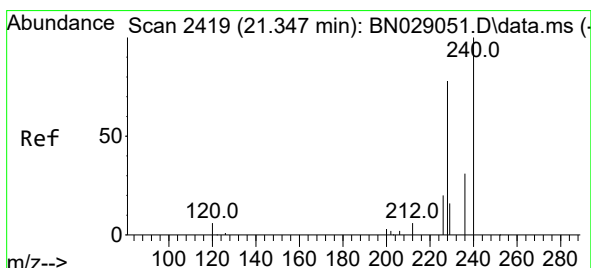
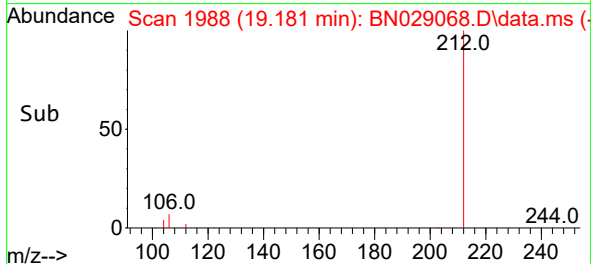
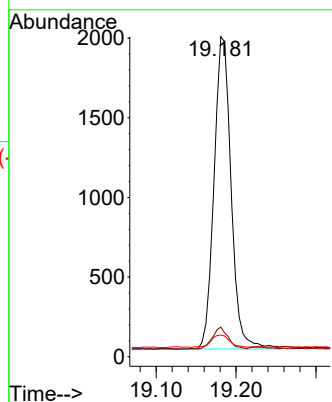
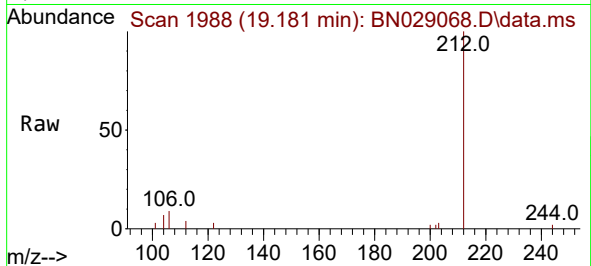




#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.181 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BN029068.D
Acq: 06 Dec 2023 22:36

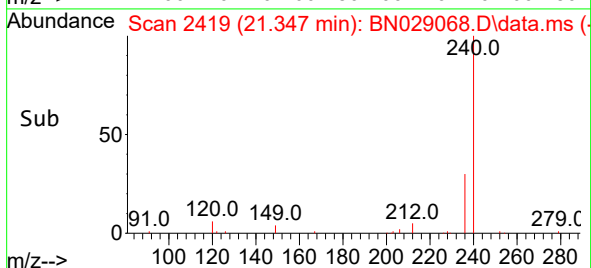
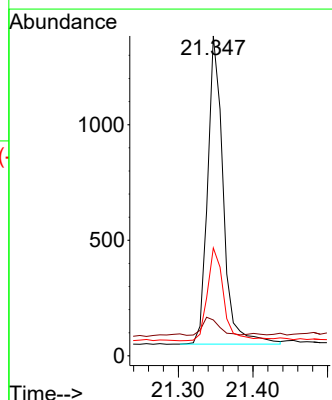
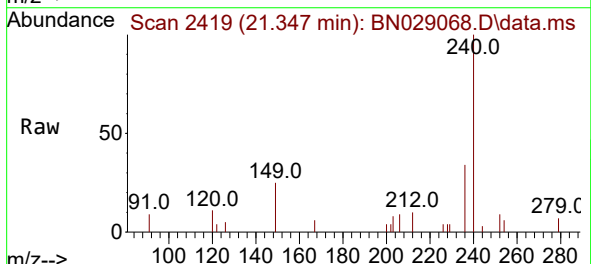
Instrument :
BNA_N
ClientSampleId :
RE120D3-20231113

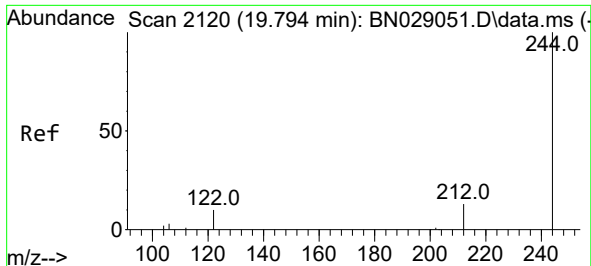
Tgt Ion:212 Resp: 2913
Ion Ratio Lower Upper
212 100
106 6.4 3.9 5.9#
104 4.4 2.6 3.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN029068.D
Acq: 06 Dec 2023 22:36

Tgt Ion:240 Resp: 1934
Ion Ratio Lower Upper
240 100
120 11.2 6.7 10.1#
236 33.7 25.7 38.5

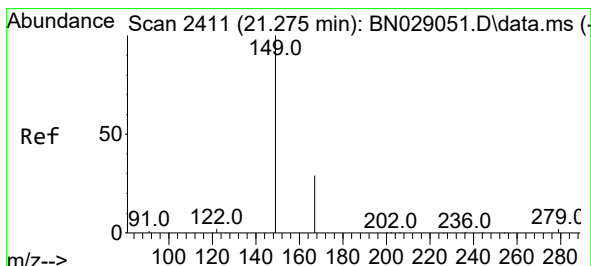
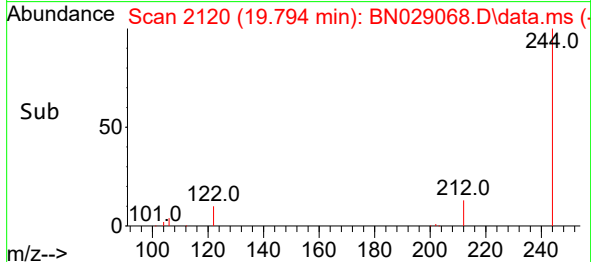
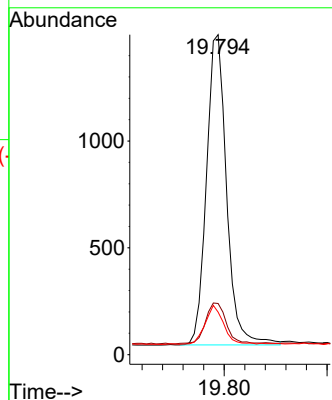
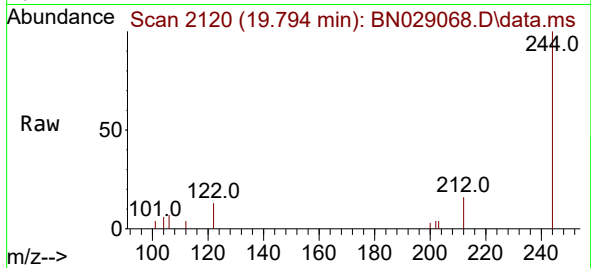




#31
 Terphenyl-d14
 Concen: 0.402 ng
 RT: 19.794 min Scan# 2120
 Delta R.T. 0.000 min
 Lab File: BN029068.D
 Acq: 06 Dec 2023 22:36

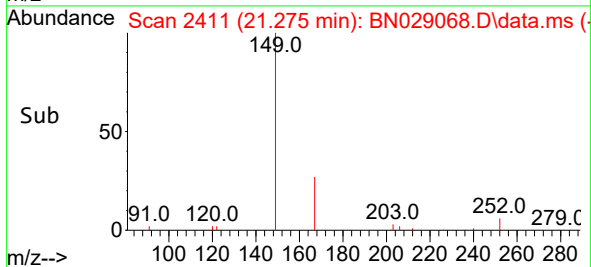
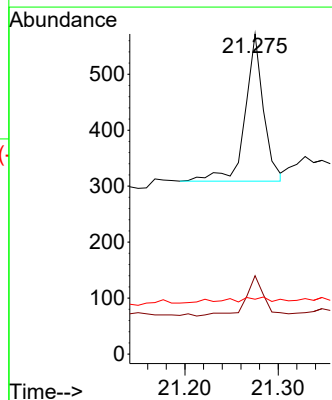
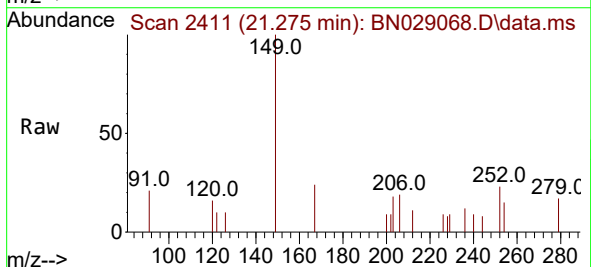
Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20231113

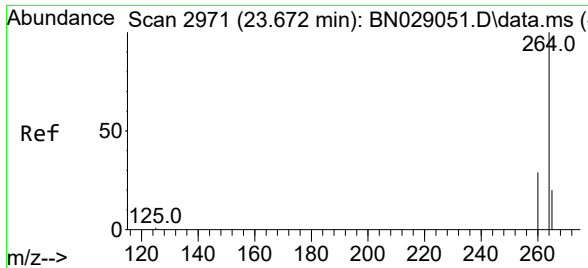
Tgt Ion:244 Resp: 1969
 Ion Ratio Lower Upper
 244 100
 212 16.0 11.6 17.4
 122 13.3 8.2 12.4#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029068.D
 Acq: 06 Dec 2023 22:36

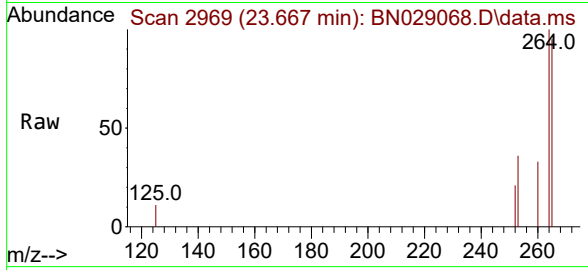
Tgt Ion:149 Resp: 359
 Ion Ratio Lower Upper
 149 100
 167 27.6 23.4 35.2
 279 4.5 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.667 min Scan# 2969
 Delta R.T. -0.003 min
 Lab File: BN029068.D
 Acq: 06 Dec 2023 22:36

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20231113



Tgt Ion:264 Resp: 1927

Ion	Ratio	Lower	Upper
264	100		
260	32.8	23.9	35.9
265	95.5	52.7	79.1#

