

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026726.D
 Acq On : 24 Jul 2023 23:59
 Operator : MA/JU
 Sample : PB154197BL
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB154197BL

Quant Time: Jul 25 03:26:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 23:51:48 2023
 Response via : Initial Calibration

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

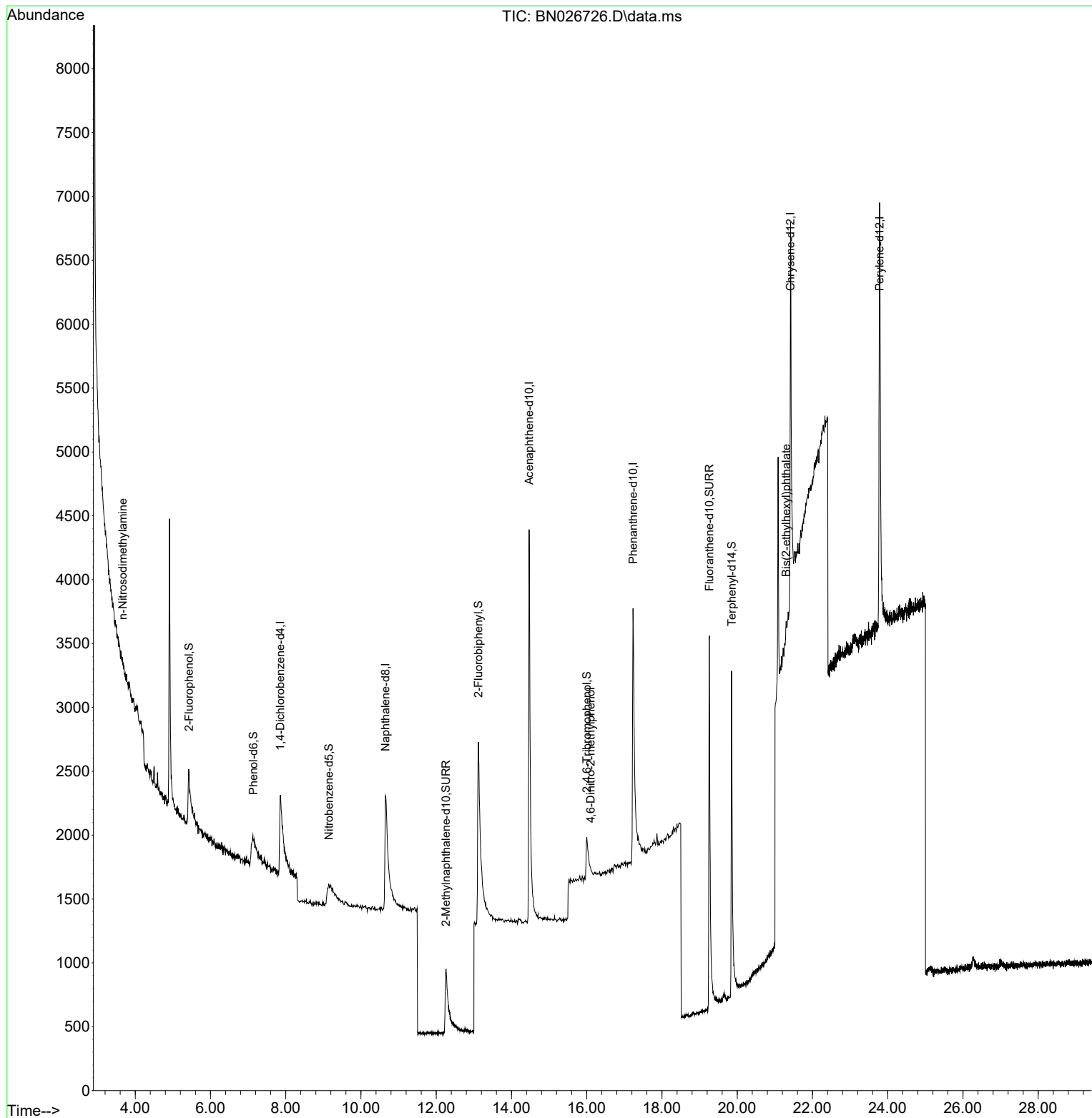
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	1256	0.400	ng	# 0.02
7) Naphthalene-d8	10.650	136	3881	0.400	ng	# 0.02
13) Acenaphthene-d10	14.469	164	3244	0.400	ng	0.01
19) Phenanthrene-d10	17.232	188	6306	0.400	ng	# 0.01
29) Chrysene-d12	21.417	240	4859	0.400	ng	0.00
35) Perylene-d12	23.785	264	5804	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	1073	0.352	ng	0.01
5) Phenol-d6	7.142	99	608	0.157	ng	0.10
8) Nitrobenzene-d5	9.144	82	390	0.117	ng	0.11
11) 2-Methylnaphthalene-d10	12.256	152	2287	0.403	ng	0.03
14) 2,4,6-Tribromophenol	16.003	330	400	0.339	ng	0.02
15) 2-Fluorobiphenyl	13.122	172	3107	0.248	ng	0.02
27) Fluoranthene-d10	19.258	212	6363	0.476	ng	0.00
31) Terphenyl-d14	19.853	244	4774	0.384	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.668	42	35	0.026	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.102	198	3	0.061	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.300	149	350	0.022	ng	# 98

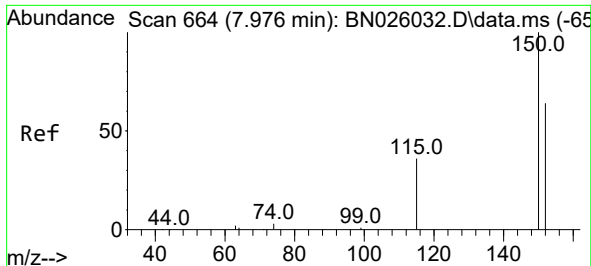
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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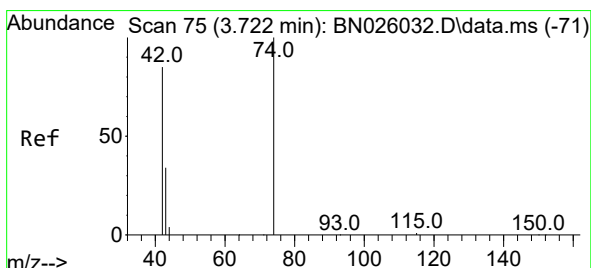
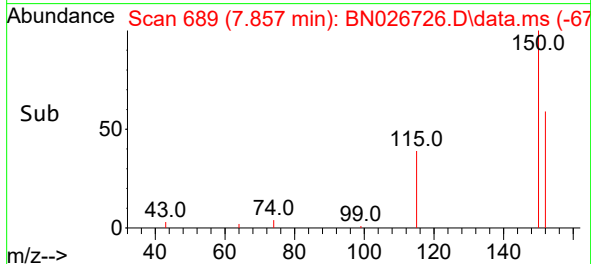
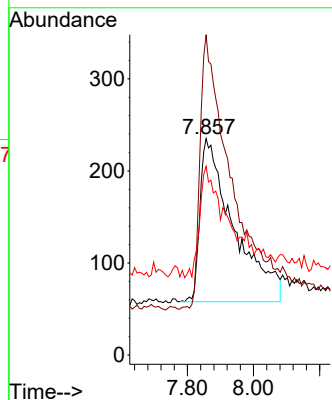
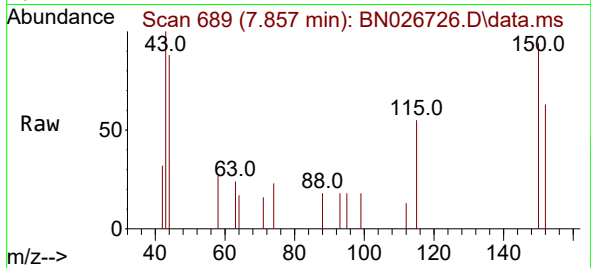




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.857 min Scan# 61
 Delta R.T. 0.022 min
 Lab File: BN026726.D
 Acq: 24 Jul 2023 23:59

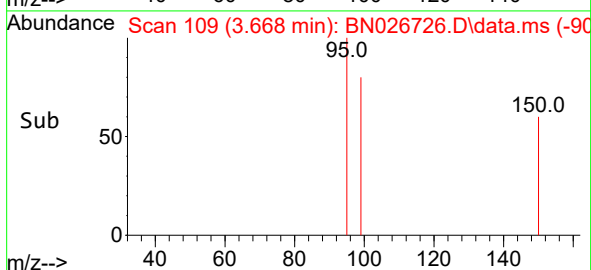
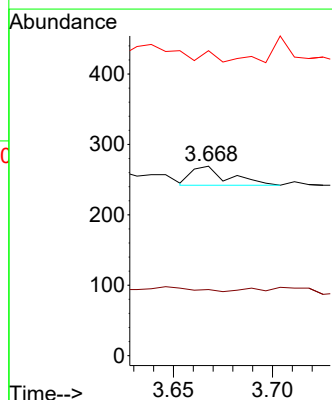
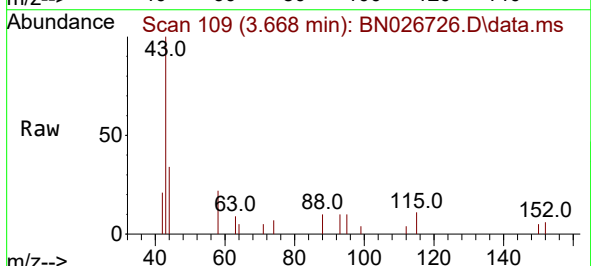
Instrument :
 BNA_N
 ClientSampleId :
 PB154197BL

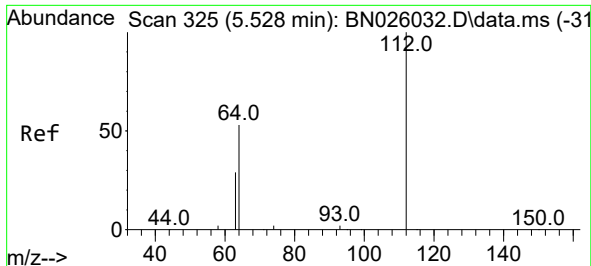
Tgt Ion:152 Resp: 1256
 Ion Ratio Lower Upper
 152 100
 150 148.1 124.7 187.1
 115 87.2 48.2 72.4#



#3
 n-Nitrosodimethylamine
 Concen: 0.026 ng
 RT: 3.668 min Scan# 109
 Delta R.T. 0.036 min
 Lab File: BN026726.D
 Acq: 24 Jul 2023 23:59

Tgt Ion: 42 Resp: 35
 Ion Ratio Lower Upper
 42 100
 74 0.0 93.8 140.8#
 44 0.0 3.0 4.4#

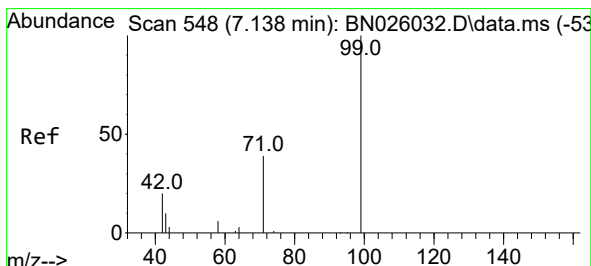
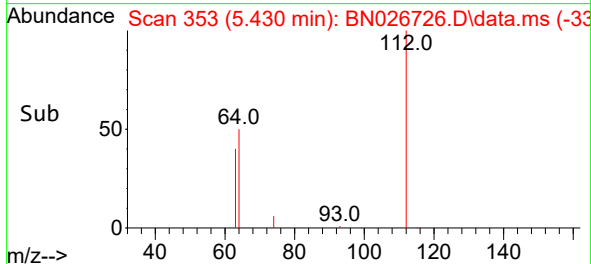
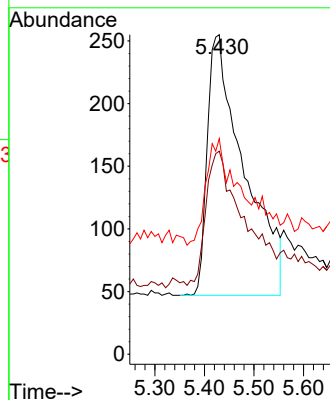
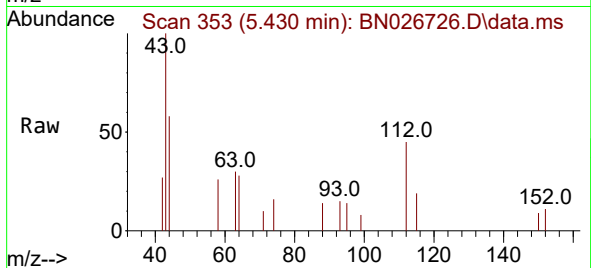




#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.430 min Scan# 31
Delta R.T. 0.015 min
Lab File: BN026726.D
Acq: 24 Jul 2023 23:59

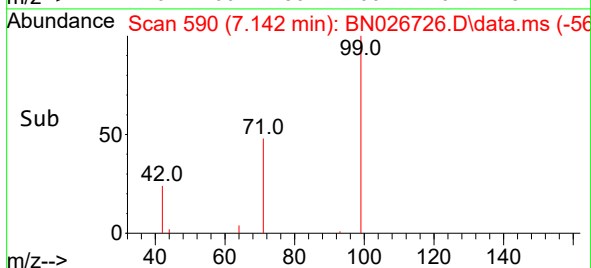
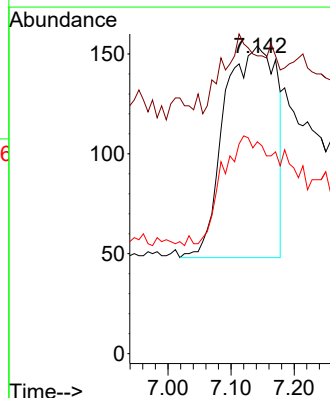
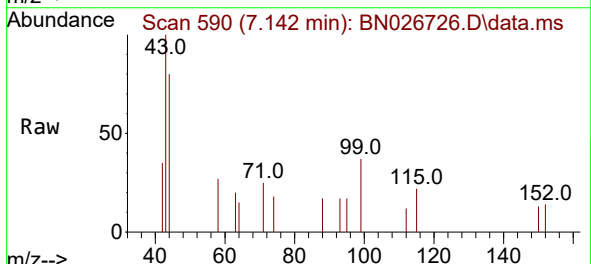
Instrument :
BNA_N
ClientSampleId :
PB154197BL

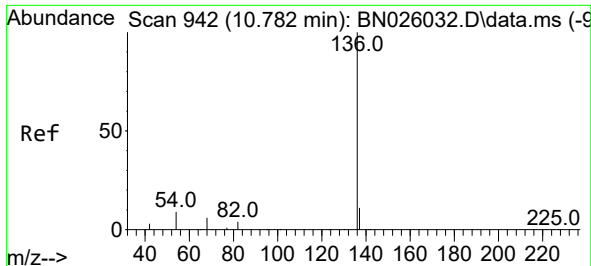
Tgt Ion:112 Resp: 1073
Ion Ratio Lower Upper
112 100
64 52.7 45.8 68.6
63 32.7 27.4 41.2



#5
Phenol-d6
Concen: 0.157 ng
RT: 7.142 min Scan# 590
Delta R.T. 0.101 min
Lab File: BN026726.D
Acq: 24 Jul 2023 23:59

Tgt Ion: 99 Resp: 608
Ion Ratio Lower Upper
99 100
42 0.0 18.4 27.6#
71 0.0 30.6 46.0#

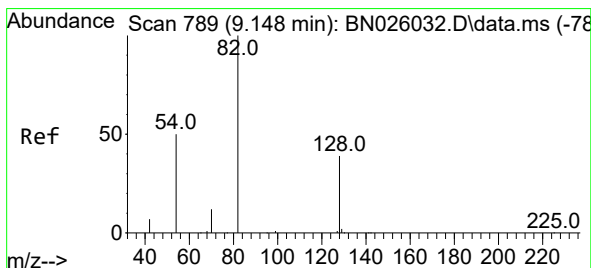
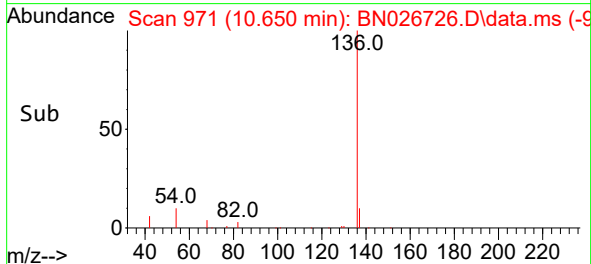
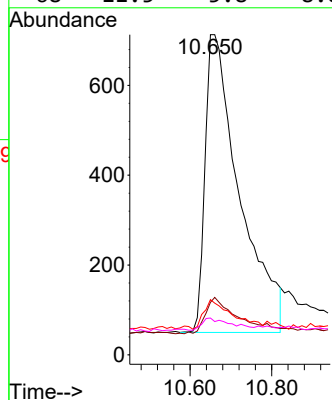
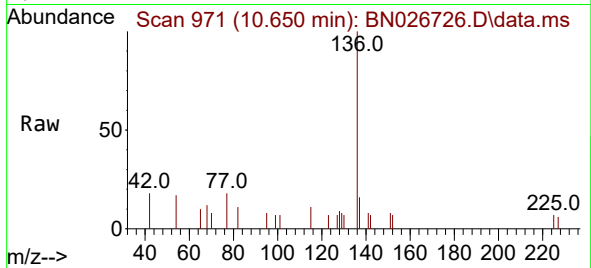




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.650 min Scan# 91
Delta R.T. 0.021 min
Lab File: BN026726.D
Acq: 24 Jul 2023 23:59

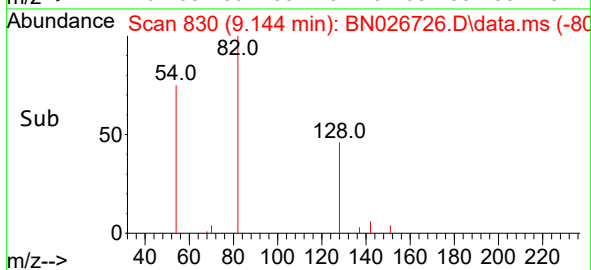
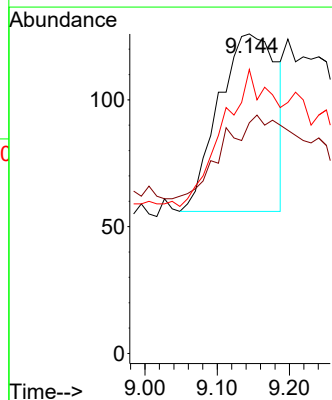
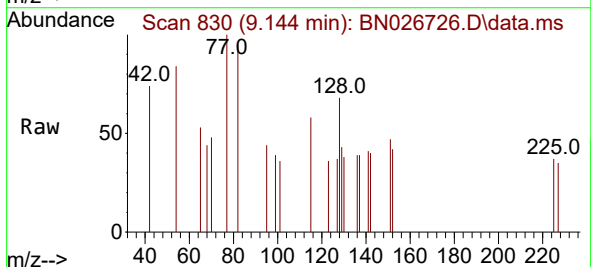
Instrument :
BNA_N
ClientSampleId :
PB154197BL

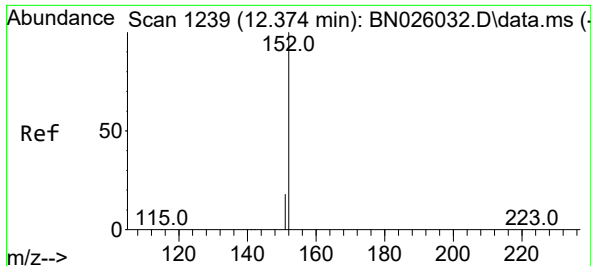
Tgt Ion:136 Resp: 3881
Ion Ratio Lower Upper
136 100
137 16.4 9.0 13.4#
54 17.3 7.8 11.6#
68 11.5 5.8 8.8#



#8
Nitrobenzene-d5
Concen: 0.117 ng
RT: 9.144 min Scan# 830
Delta R.T. 0.107 min
Lab File: BN026726.D
Acq: 24 Jul 2023 23:59

Tgt Ion: 82 Resp: 390
Ion Ratio Lower Upper
82 100
128 72.2 33.4 50.2#
54 88.9 41.7 62.5#





#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

RT: 12.256 min Scan# 11

Delta R.T. 0.027 min

Lab File: BN026726.D

Acq: 24 Jul 2023 23:59

Instrument :

BNA_N

ClientSampleId :

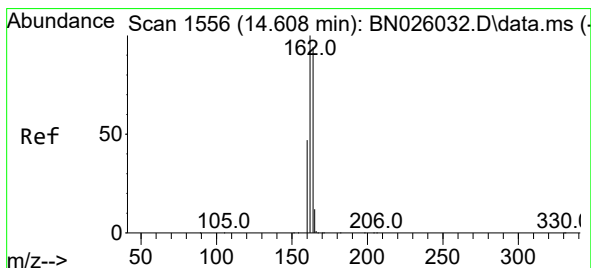
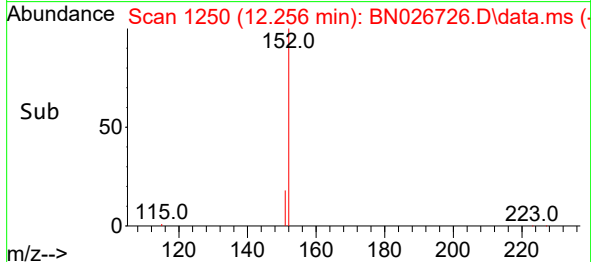
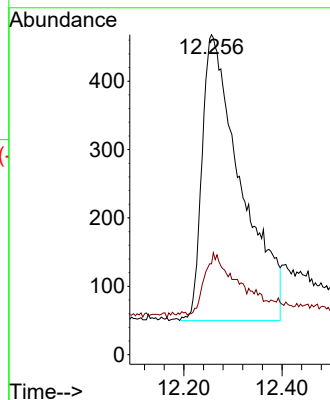
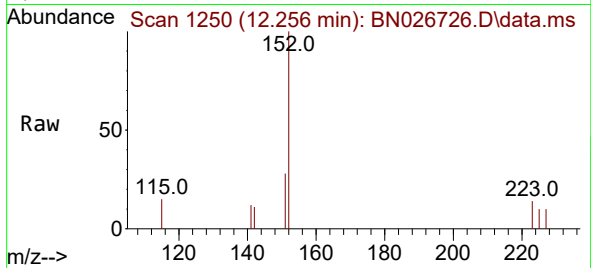
PB154197BL

Tgt Ion:152 Resp: 2287

Ion Ratio Lower Upper

152 100

151 15.2 16.2 24.2#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.469 min Scan# 1585

Delta R.T. 0.011 min

Lab File: BN026726.D

Acq: 24 Jul 2023 23:59

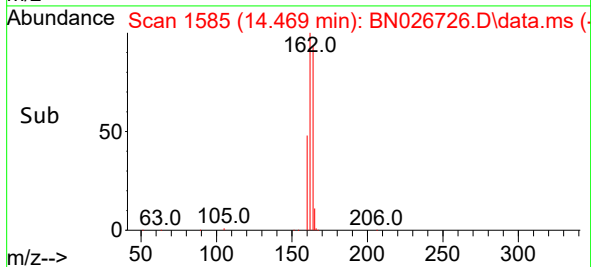
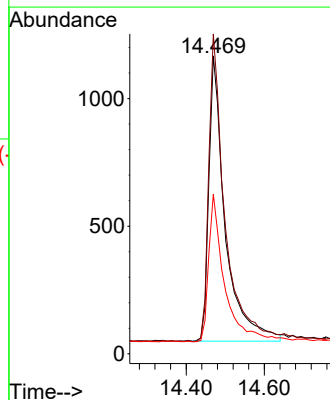
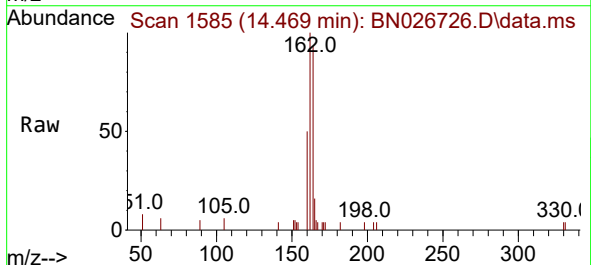
Tgt Ion:164 Resp: 3244

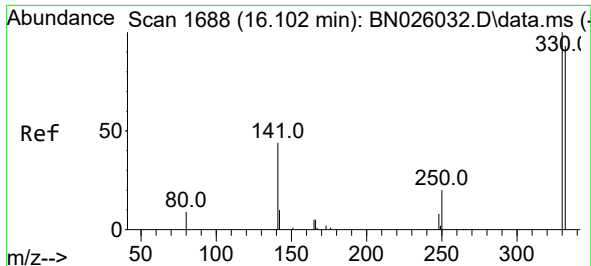
Ion Ratio Lower Upper

164 100

162 107.4 85.3 127.9

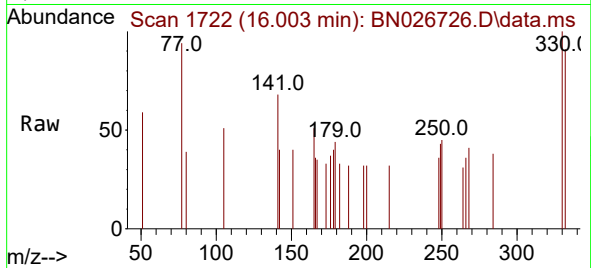
160 53.6 40.0 60.0



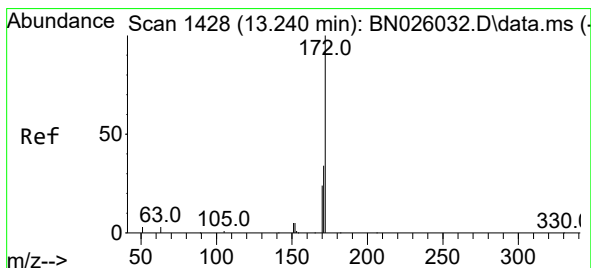
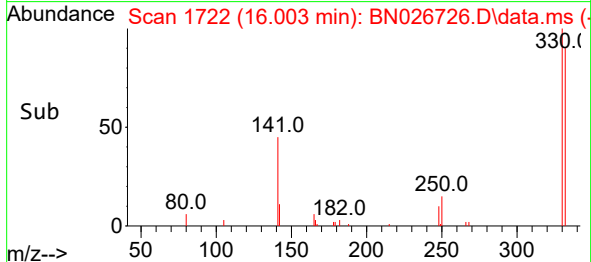
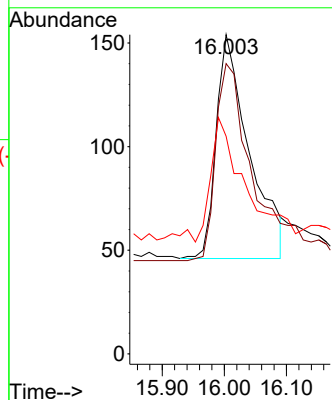


#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 16.003 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN026726.D
Acq: 24 Jul 2023 23:59

Instrument :
BNA_N
ClientSampleId :
PB154197BL

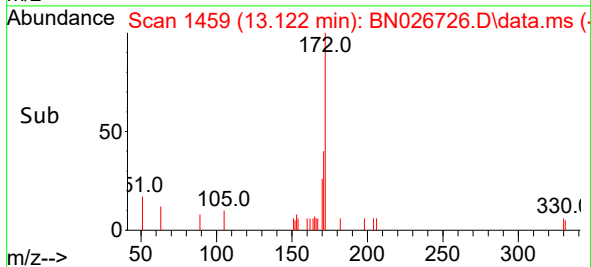
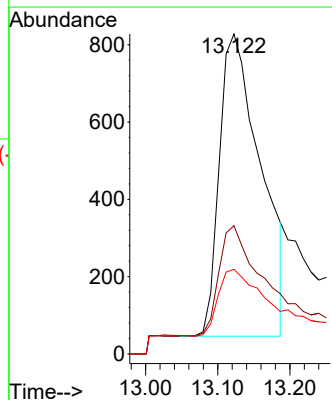
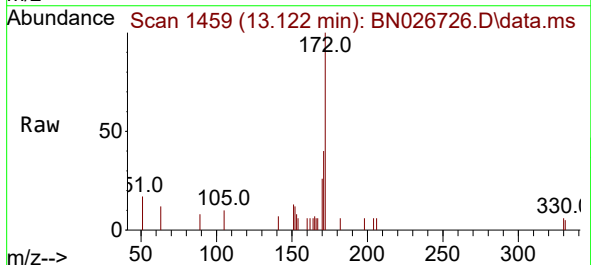


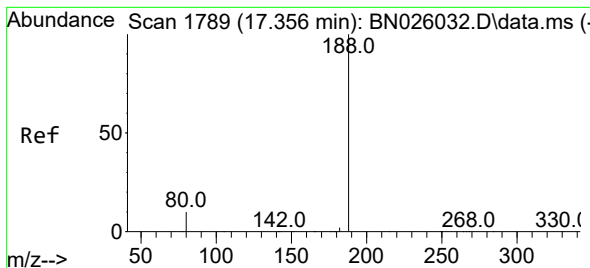
Tgt Ion:330 Resp: 400
Ion Ratio Lower Upper
330 100
332 91.0 76.0 114.0
141 52.5 42.8 64.2



#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 13.122 min Scan# 1459
Delta R.T. 0.021 min
Lab File: BN026726.D
Acq: 24 Jul 2023 23:59

Tgt Ion:172 Resp: 3107
Ion Ratio Lower Upper
172 100
171 40.1 27.8 41.8
170 26.4 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.232 min Scan# 1730

Delta R.T. 0.013 min

Lab File: BN026726.D

Acq: 24 Jul 2023 23:59

Instrument :

BNA_N

ClientSampleId :

PB154197BL

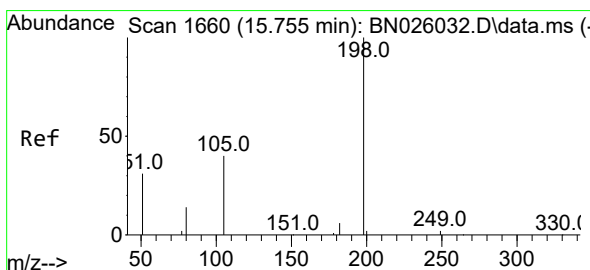
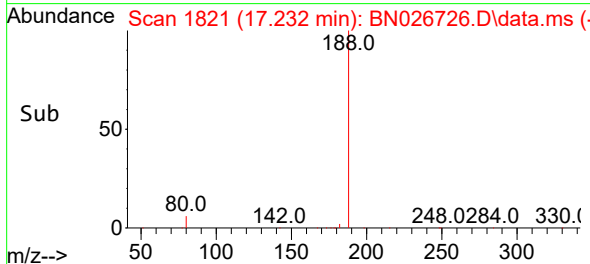
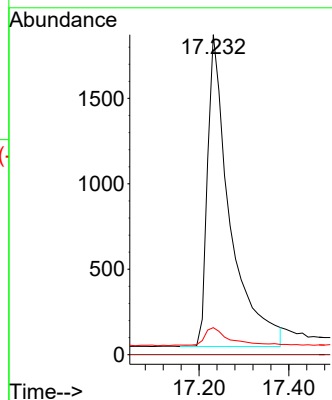
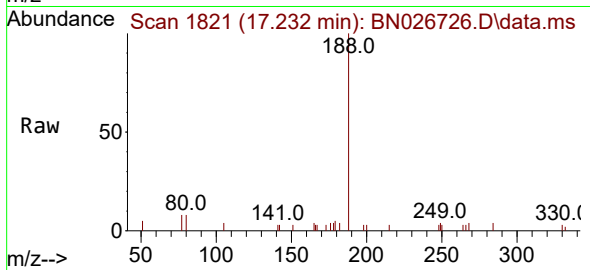
Tgt Ion:188 Resp: 6306

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 8.6 13.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.061 ng

RT: 16.102 min Scan# 1730

Delta R.T. -0.050 min

Lab File: BN026726.D

Acq: 24 Jul 2023 23:59

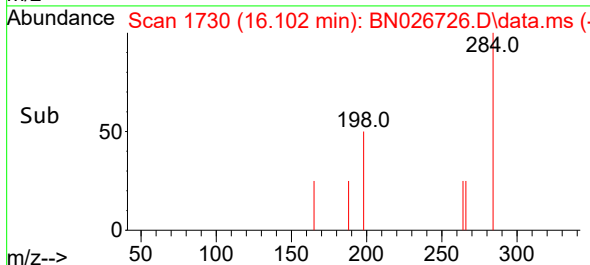
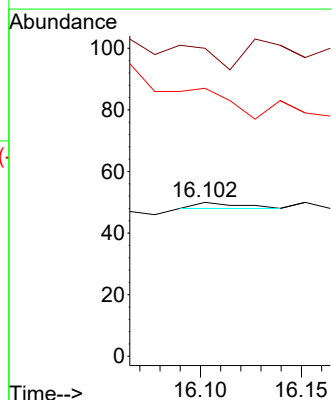
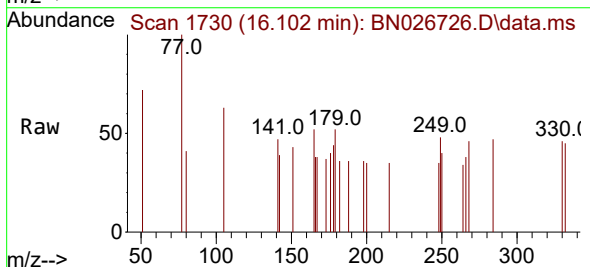
Tgt Ion:198 Resp: 3

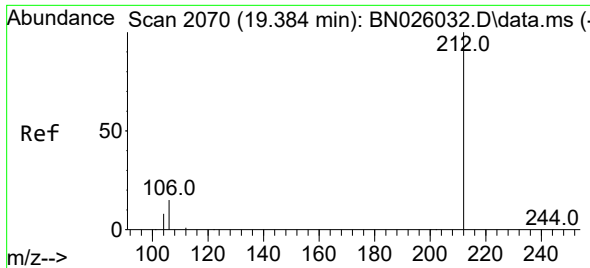
Ion Ratio Lower Upper

198 100

51 200.0 85.8 128.8#

105 174.0 48.2 72.2#

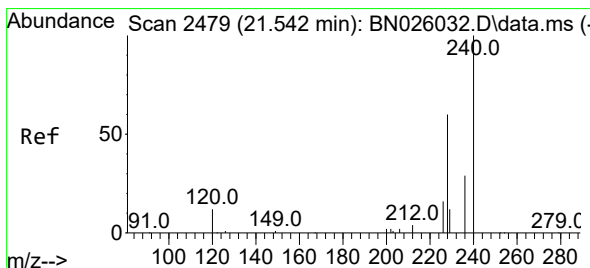
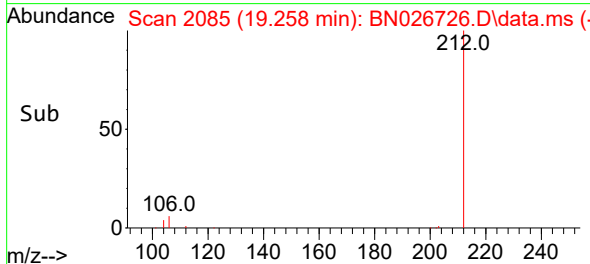
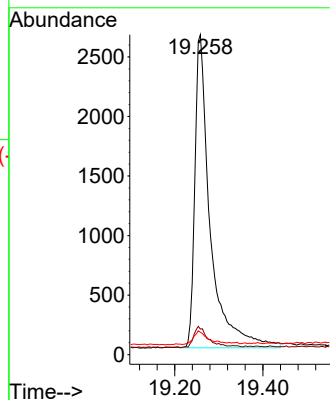
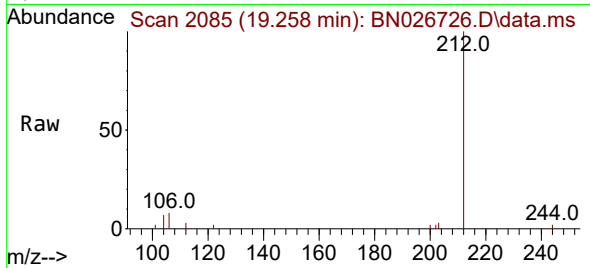




#27
Fluoranthene-d10
Concen: 0.476 ng
RT: 19.258 min Scan# 2070
Delta R.T. 0.009 min
Lab File: BN026726.D
Acq: 24 Jul 2023 23:59

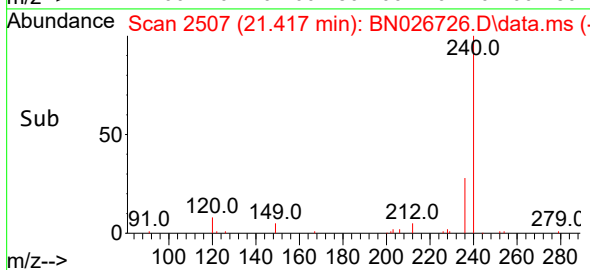
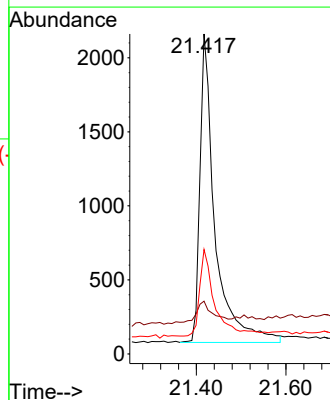
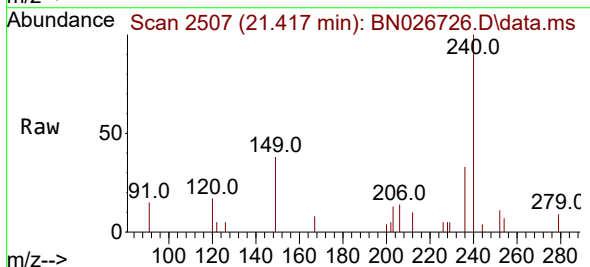
Instrument :
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PB154197BL

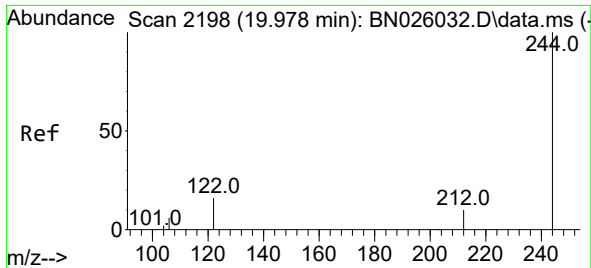
Tgt Ion:212 Resp: 6363
Ion Ratio Lower Upper
212 100
106 6.2 11.6 17.4#
104 4.1 7.2 10.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.417 min Scan# 2507
Delta R.T. 0.009 min
Lab File: BN026726.D
Acq: 24 Jul 2023 23:59

Tgt Ion:240 Resp: 4859
Ion Ratio Lower Upper
240 100
120 16.5 14.6 22.0
236 32.7 24.2 36.2

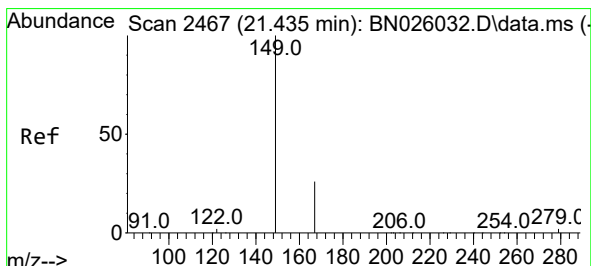
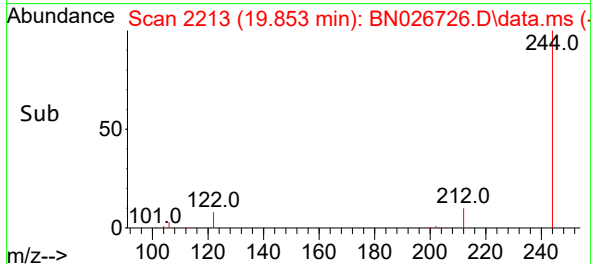
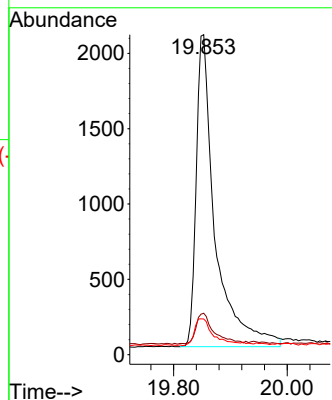
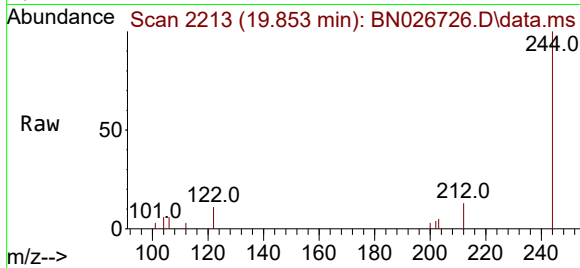




#31
 Terphenyl-d14
 Concen: 0.384 ng
 RT: 19.853 min Scan# 2198
 Delta R.T. 0.005 min
 Lab File: BN026726.D
 Acq: 24 Jul 2023 23:59

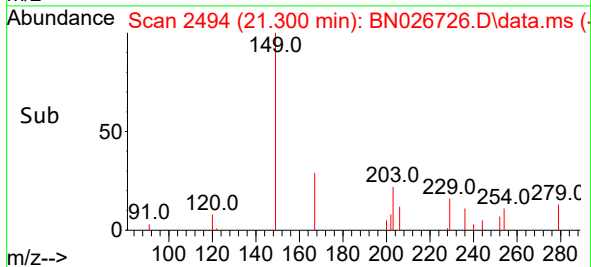
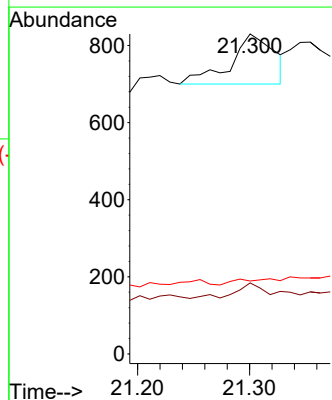
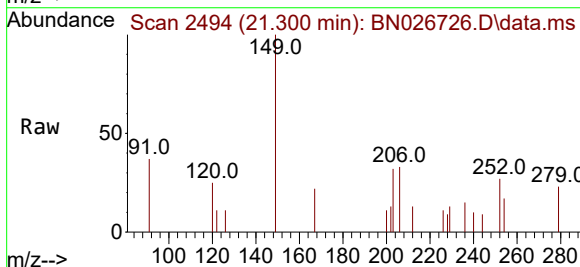
Instrument :
 BNA_N
 ClientSampleId :
 PB154197BL

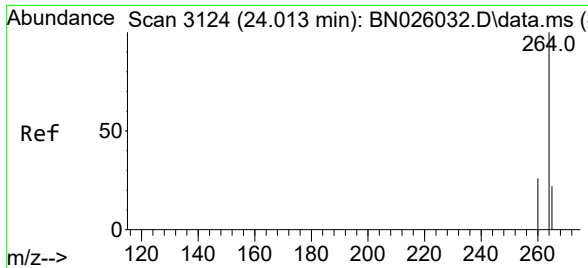
Tgt Ion:244 Resp: 4774
 Ion Ratio Lower Upper
 244 100
 212 12.9 8.7 13.1
 122 11.2 13.7 20.5#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.022 ng
 RT: 21.300 min Scan# 2494
 Delta R.T. 0.000 min
 Lab File: BN026726.D
 Acq: 24 Jul 2023 23:59

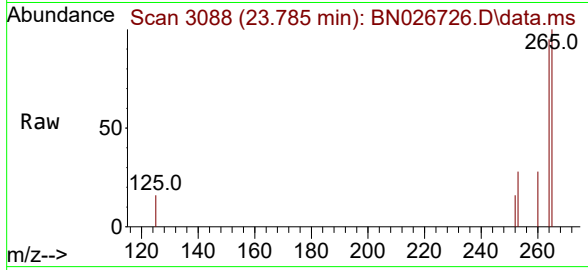
Tgt Ion:149 Resp: 350
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.2 30.4
 279 0.0 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.785 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN026726.D
 Acq: 24 Jul 2023 23:59

Instrument :
 BNA_N
 ClientSampleId :
 PB154197BL



Tgt Ion:264 Resp: 5804

Ion	Ratio	Lower	Upper
264	100		
260	29.2	21.9	32.9
265	105.0	80.3	120.5

