

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026744.D
 Acq On : 25 Jul 2023 12:52
 Operator : MA/JU
 Sample : PB153977BL
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153977BL

Quant Time: Jul 26 05:39:42 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)

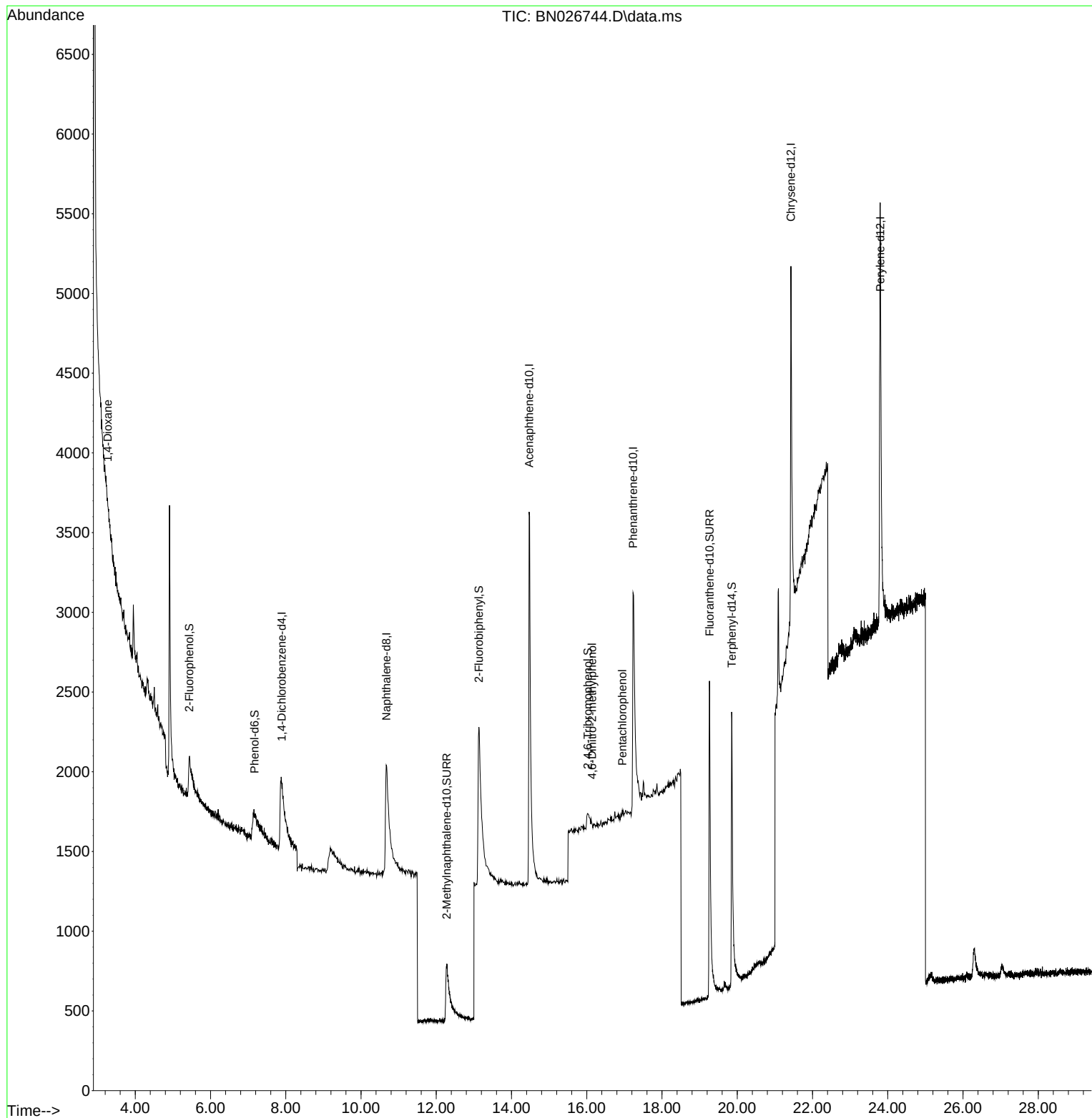
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	1026	0.400	ng	# 0.06
7) Naphthalene-d8	10.671	136	3506	0.400	ng	# 0.04
13) Acenaphthene-d10	14.469	164	2957	0.400	ng	0.01
19) Phenanthrene-d10	17.231	188	5238	0.400	ng	0.01
29) Chrysene-d12	21.426	240	4180	0.400	ng	0.02
35) Perylene-d12	23.802	264	5208	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	804	0.323	ng	0.02
5) Phenol-d6	7.170	99	341	0.107	ng	0.13
8) Nitrobenzene-d5	9.016	82	11	0.004	ng	-0.02
11) 2-Methylnaphthalene-d10	12.279	152	617	0.120	ng	0.05
14) 2,4,6-Tribromophenol	16.027	330	139	0.129	ng	0.05
15) 2-Fluorobiphenyl	13.133	172	2258	0.198	ng	0.03
27) Fluoranthene-d10	19.262	212	5020	0.452	ng	0.01
31) Terphenyl-d14	19.852	244	3759	0.351	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	24	0.022	ng	# 25
20) 4,6-Dinitro-2-methylph...	16.139	198	7	0.067	ng	# 1
24) Pentachlorophenol	16.946	266	30	0.021	ng	# 75

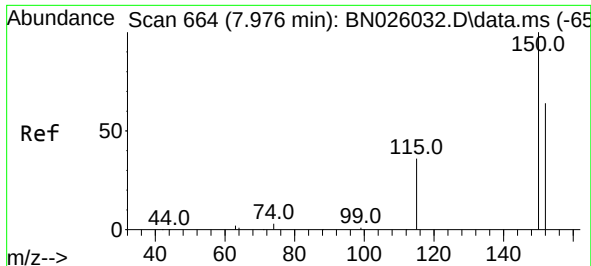
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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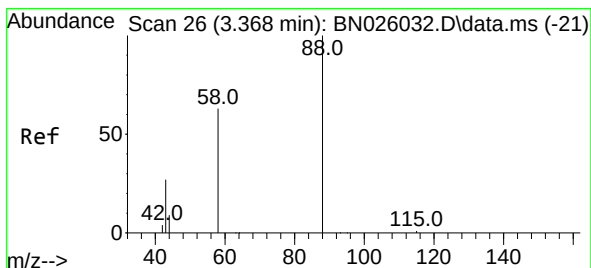
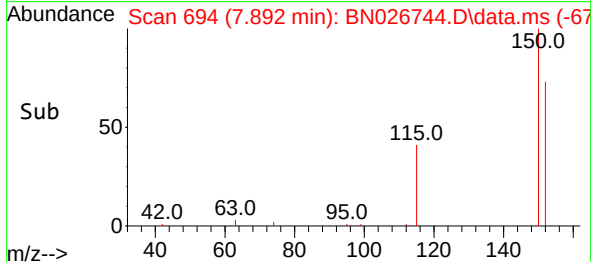
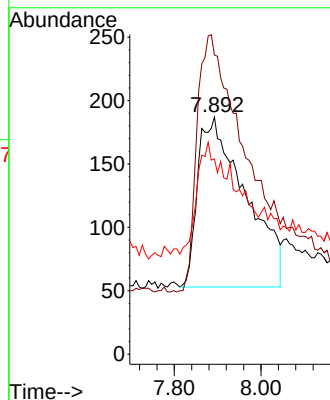
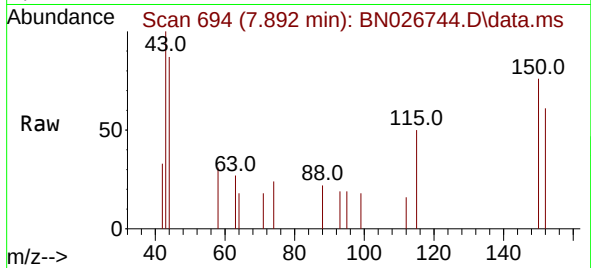




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.892 min Scan# 61
 Delta R.T. 0.057 min
 Lab File: BN026744.D
 Acq: 25 Jul 2023 12:52

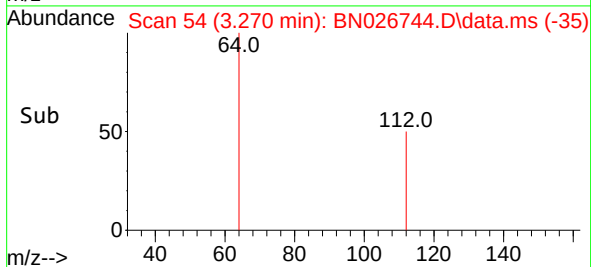
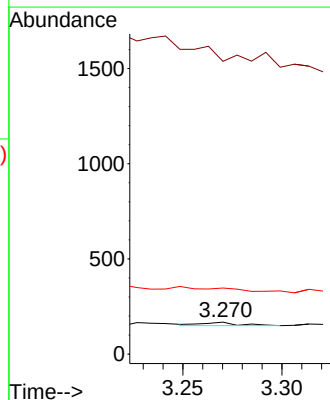
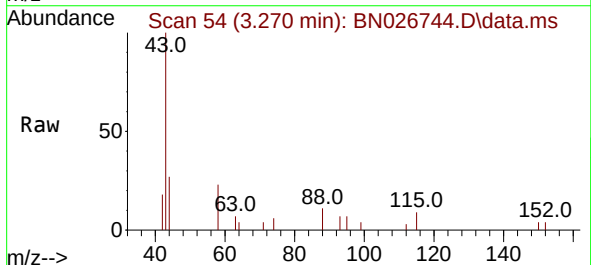
Instrument :
 BNA_N
 ClientSampleId :
 PB153977BL

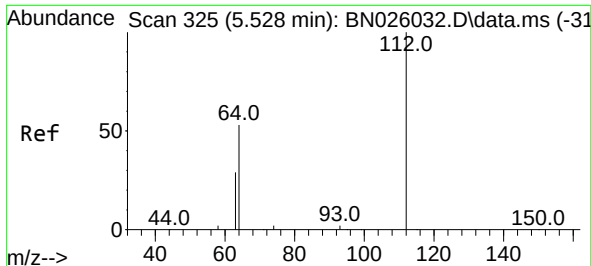
Tgt Ion:152 Resp: 1026
 Ion Ratio Lower Upper
 152 100
 150 126.2 124.7 187.1
 115 82.4 48.2 72.4#



#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.270 min Scan# 54
 Delta R.T. 0.036 min
 Lab File: BN026744.D
 Acq: 25 Jul 2023 12:52

Tgt Ion: 88 Resp: 24
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.2 36.4#
 58 0.0 53.3 79.9#

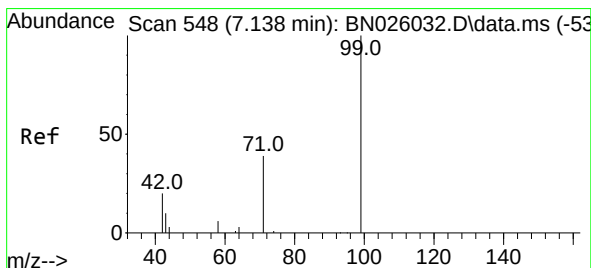
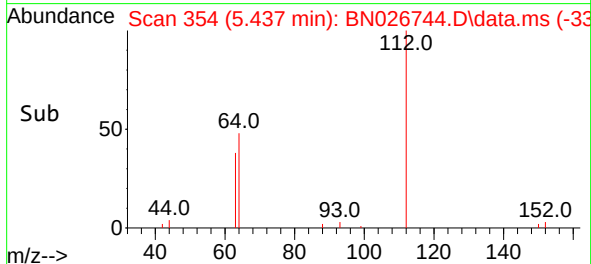
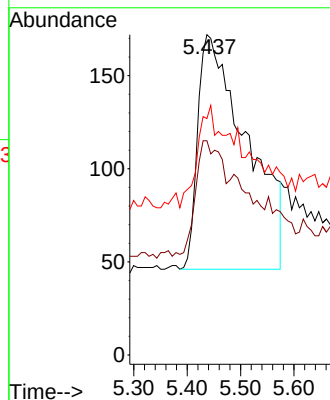
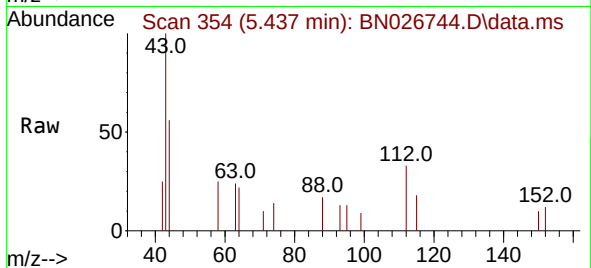




#4
2-Fluorophenol
Concen: 0.323 ng
RT: 5.437 min Scan# 31
Delta R.T. 0.021 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

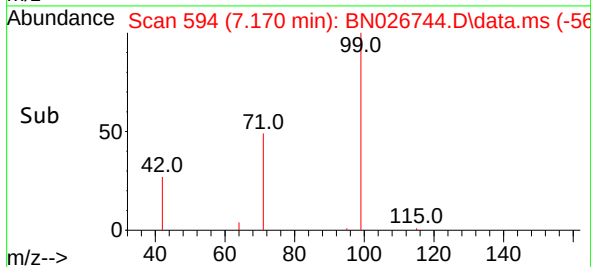
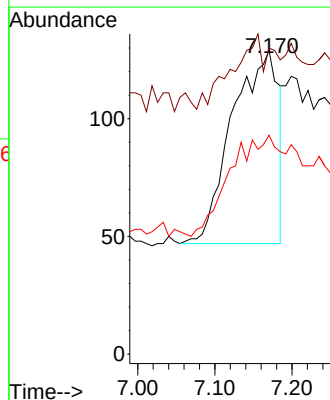
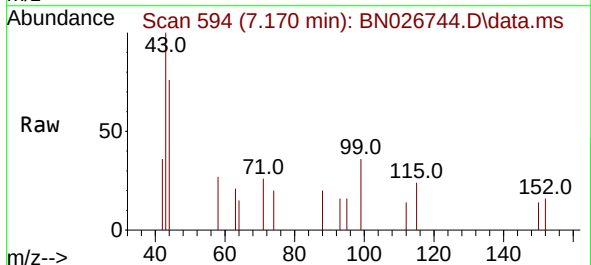
Instrument :
BNA_N
ClientSampleId :
PB153977BL

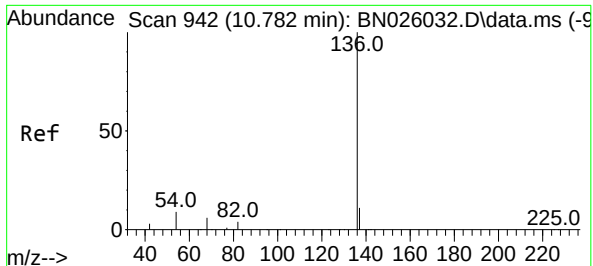
Tgt Ion:112 Resp: 804
Ion Ratio Lower Upper
112 100
64 28.2 45.8 68.6#
63 30.6 27.4 41.2



#5
Phenol-d6
Concen: 0.107 ng
RT: 7.170 min Scan# 594
Delta R.T. 0.130 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

Tgt Ion: 99 Resp: 341
Ion Ratio Lower Upper
99 100
42 25.2 18.4 27.6
71 59.2 30.6 46.0#

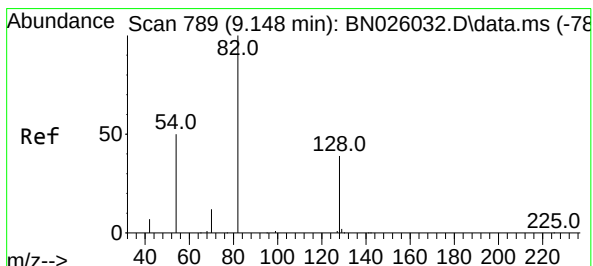
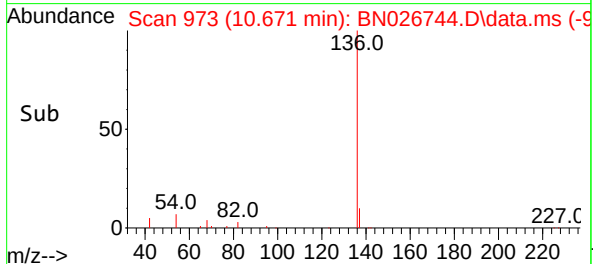
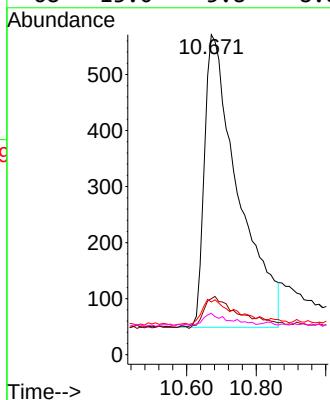
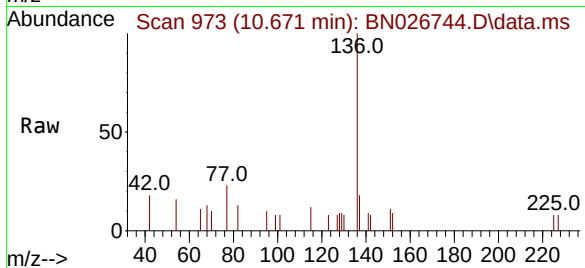




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.671 min Scan# 91
Delta R.T. 0.043 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

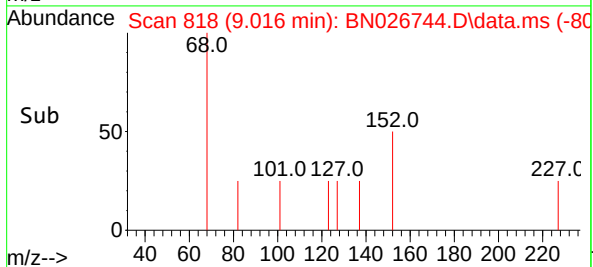
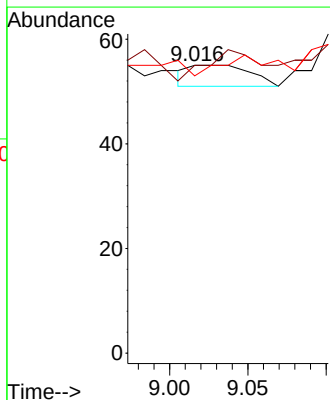
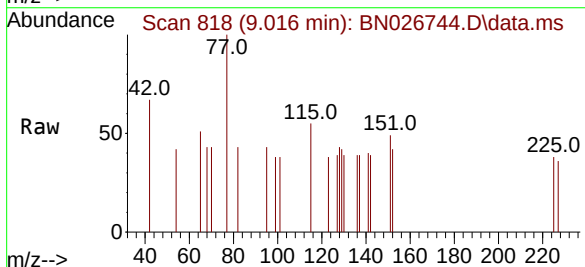
Instrument :
BNA_N
ClientSampleId :
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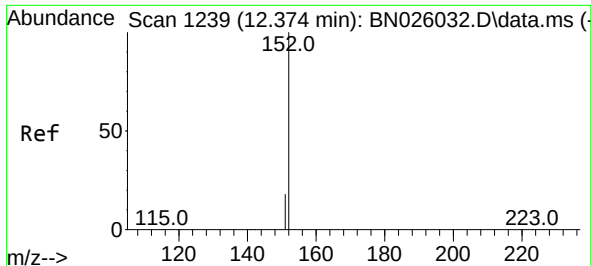
Tgt Ion:	136	Resp:	3506
Ion	Ratio	Lower	Upper
136	100		
137	17.5	9.0	13.4#
54	16.5	7.8	11.6#
68	13.0	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.004 ng
RT: 9.016 min Scan# 818
Delta R.T. -0.022 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

Tgt Ion:	82	Resp:	11
Ion	Ratio	Lower	Upper
82	100		
128	100.0	33.4	50.2#
54	96.4	41.7	62.5#

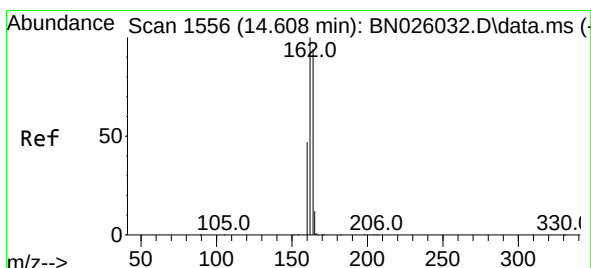
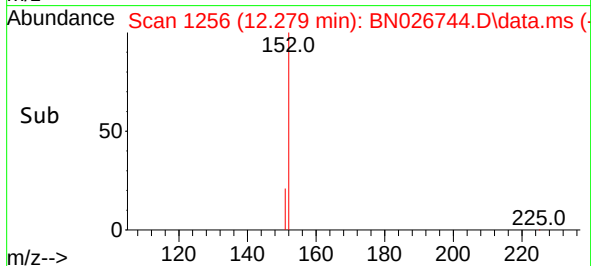
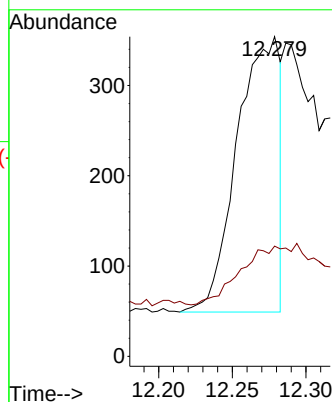
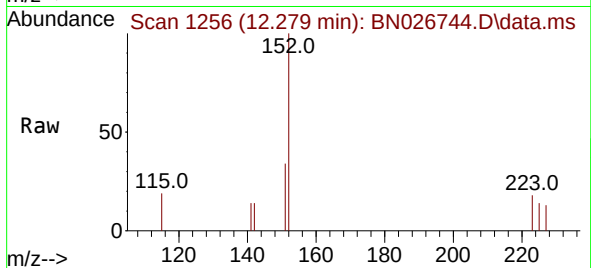




#11
2-Methylnaphthalene-d10
Concen: 0.120 ng
RT: 12.279 min Scan# 11
Delta R.T. 0.049 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

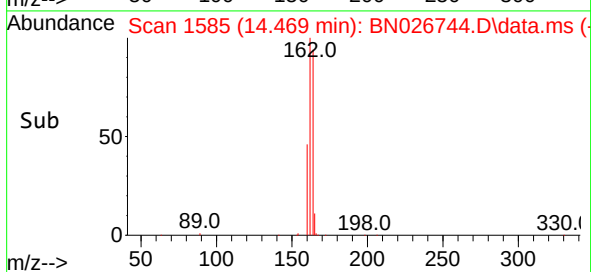
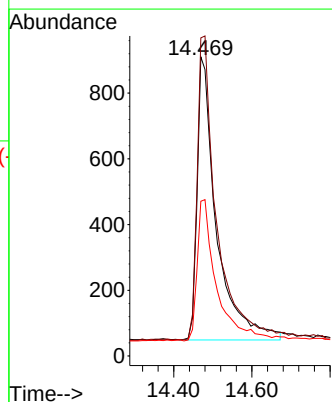
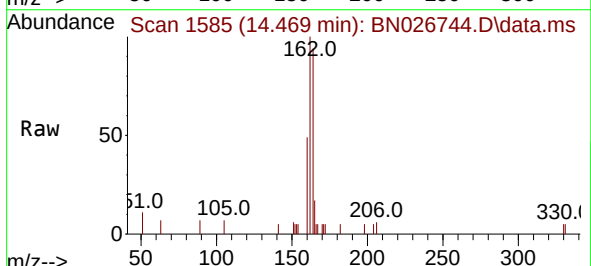
Instrument :
BNA_N
ClientSampleId :
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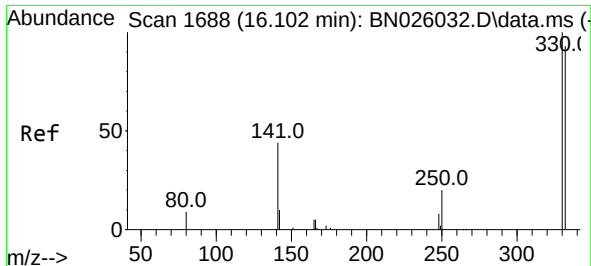
Tgt Ion:152 Resp: 617
Ion Ratio Lower Upper
152 100
151 37.8 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.469 min Scan# 1585
Delta R.T. 0.010 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

Tgt Ion:164 Resp: 2957
Ion Ratio Lower Upper
164 100
162 106.4 85.3 127.9
160 51.8 40.0 60.0

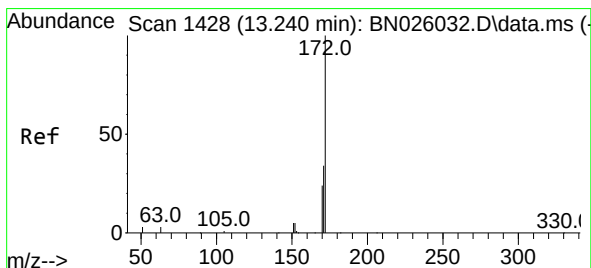
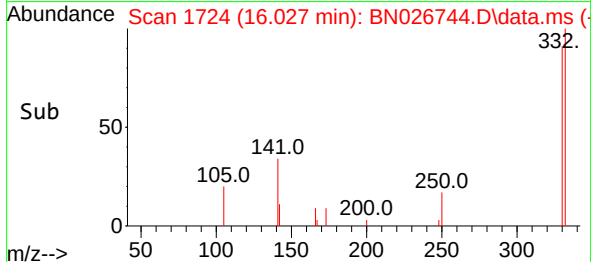
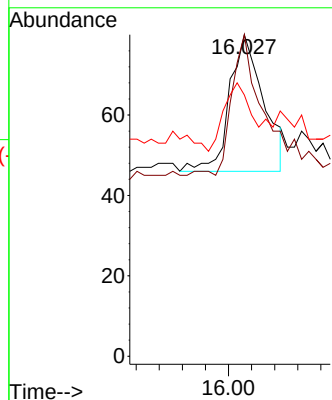
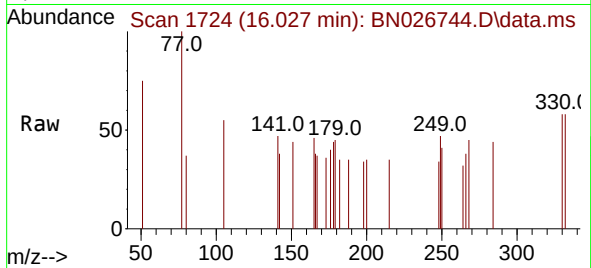




#14
2,4,6-Tribromophenol
Concen: 0.129 ng
RT: 16.027 min Scan# 11
Delta R.T. 0.049 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

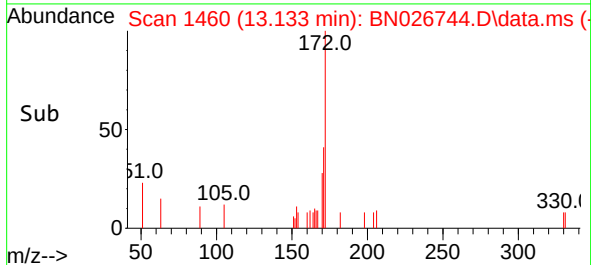
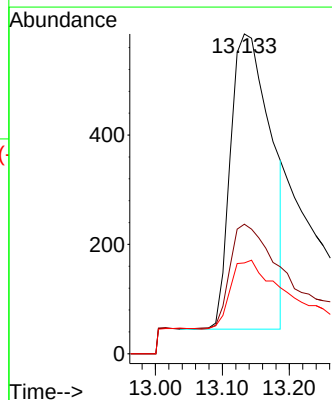
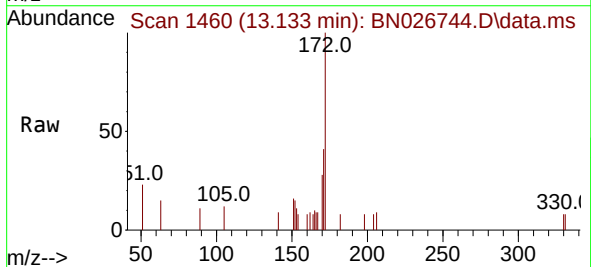
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ClientSampleId :
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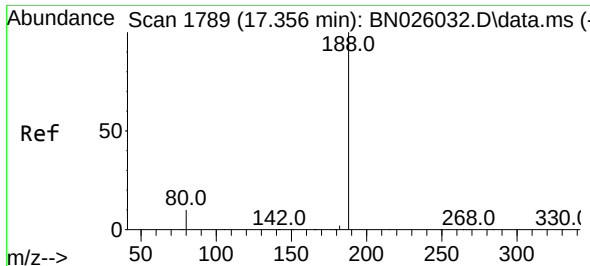
Tgt Ion:330 Resp: 139
Ion Ratio Lower Upper
330 100
332 82.7 76.0 114.0
141 38.8 42.8 64.2#



#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 13.133 min Scan# 1460
Delta R.T. 0.032 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

Tgt Ion:172 Resp: 2258
Ion Ratio Lower Upper
172 100
171 40.5 27.8 41.8
170 28.4 19.3 28.9

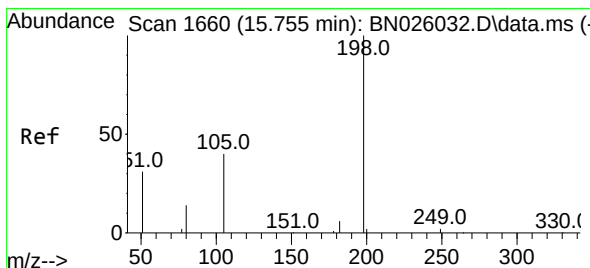
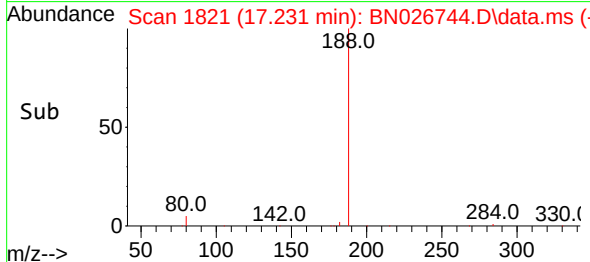
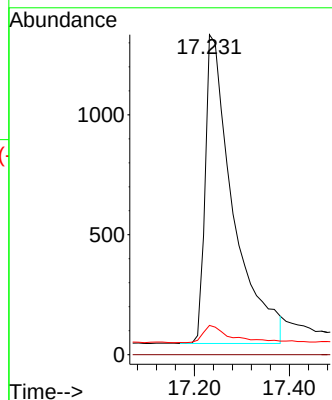
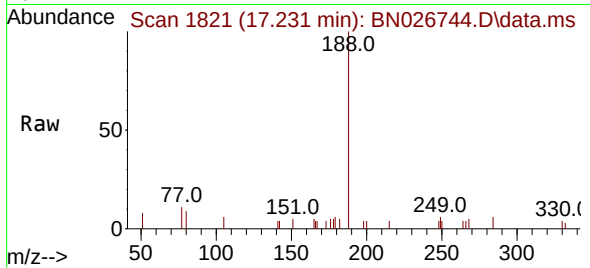




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.231 min Scan# 1733
Delta R.T. 0.012 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

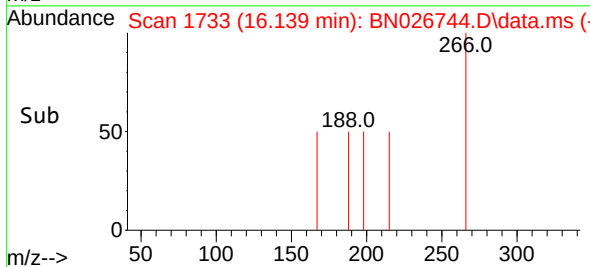
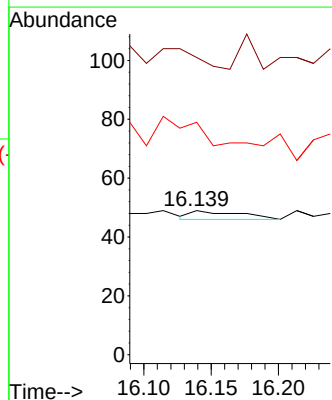
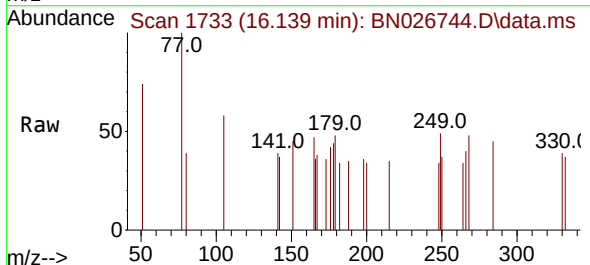
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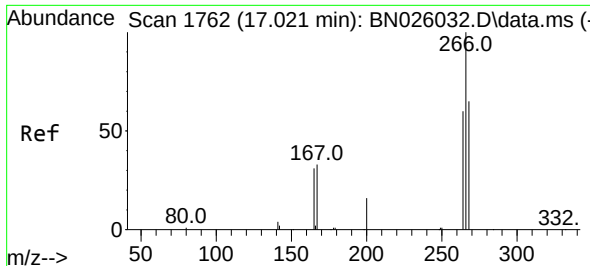
Tgt Ion:188 Resp: 5238
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 8.6 13.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.067 ng
RT: 16.139 min Scan# 1733
Delta R.T. -0.013 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 206.1 85.8 128.8#
105 161.2 48.2 72.2#

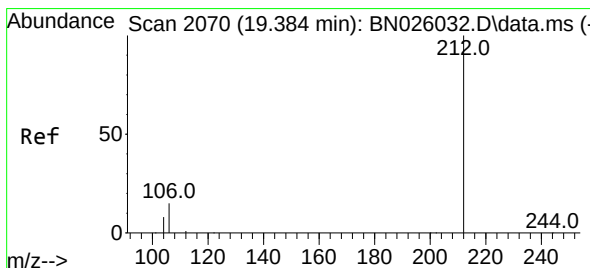
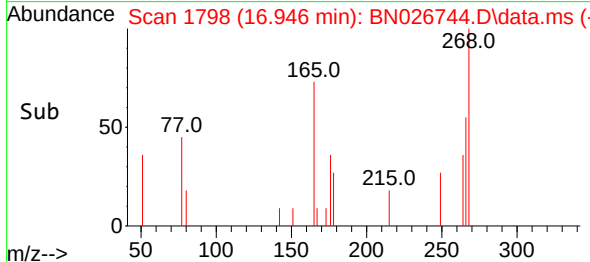
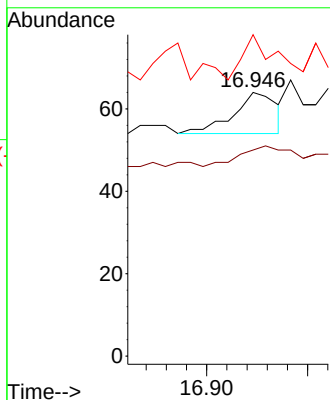
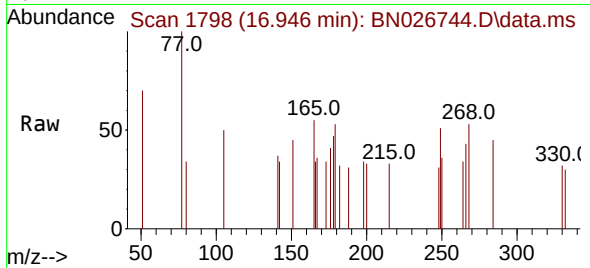




#24
Pentachlorophenol
Concen: 0.021 ng
RT: 16.946 min Scan# 11
Delta R.T. 0.049 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

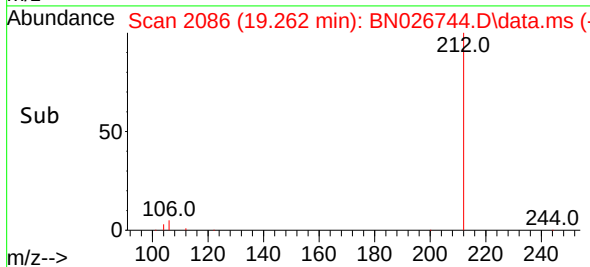
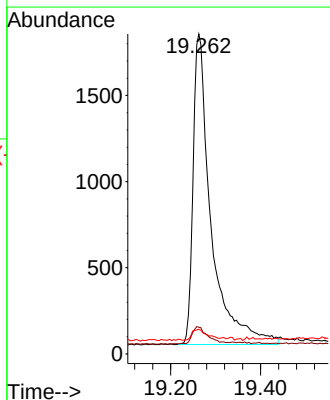
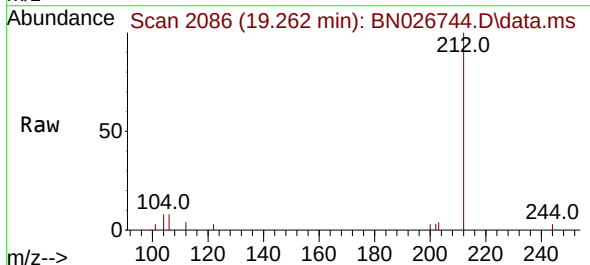
Instrument :
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PB153977BL

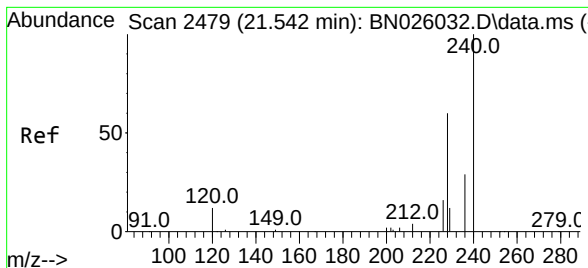
Tgt Ion:266 Resp: 30
Ion Ratio Lower Upper
266 100
264 76.7 49.3 73.9#
268 83.3 48.3 72.5#



#27
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.262 min Scan# 2086
Delta R.T. 0.014 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

Tgt Ion:212 Resp: 5020
Ion Ratio Lower Upper
212 100
106 5.1 11.6 17.4#
104 2.9 7.2 10.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.426 min Scan# 21

Delta R.T. 0.018 min

Lab File: BN026744.D

Acq: 25 Jul 2023 12:52

Instrument :

BNA_N

ClientSampleId :

PB153977BL

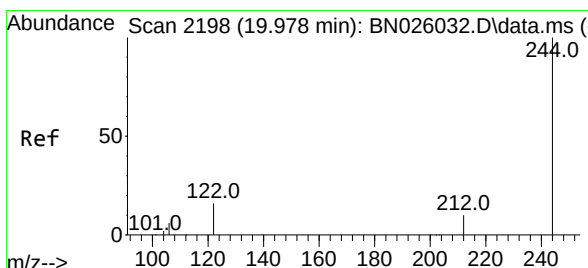
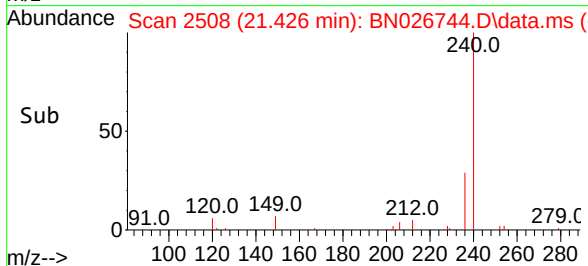
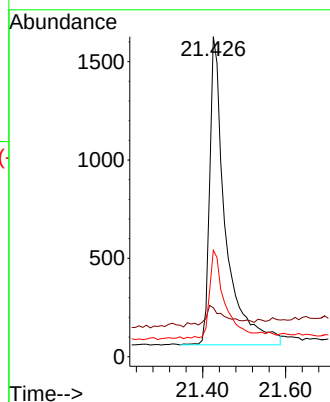
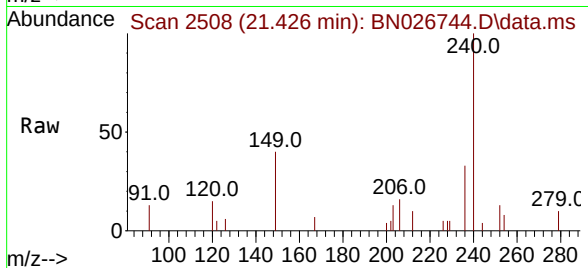
Tgt Ion:240 Resp: 4180

Ion Ratio Lower Upper

240 100

120 15.3 14.6 22.0

236 33.3 24.2 36.2



#31

Terphenyl-d14

Concen: 0.351 ng

RT: 19.852 min Scan# 2213

Delta R.T. 0.004 min

Lab File: BN026744.D

Acq: 25 Jul 2023 12:52

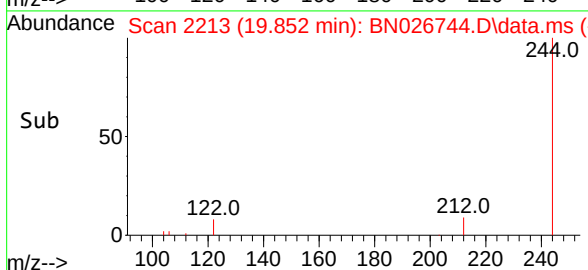
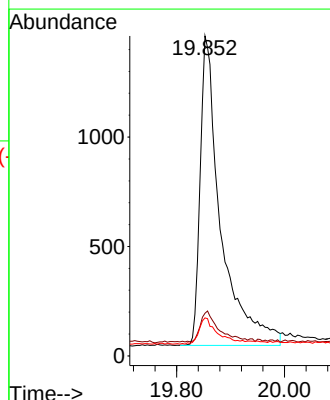
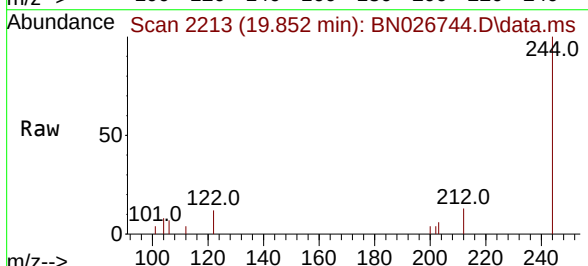
Tgt Ion:244 Resp: 3759

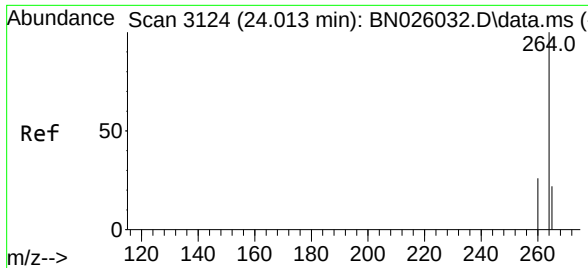
Ion Ratio Lower Upper

244 100

212 13.3 8.7 13.1#

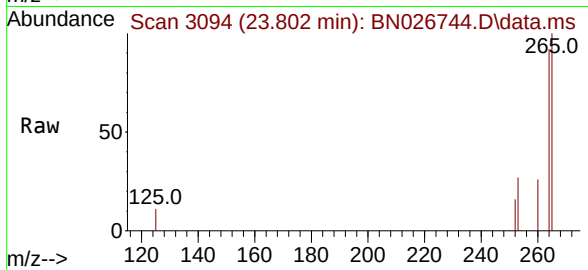
122 11.9 13.7 20.5#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.802 min Scan# 30
Delta R.T. 0.020 min
Lab File: BN026744.D
Acq: 25 Jul 2023 12:52

Instrument :
BNA_N
ClientSampleId :
PB153977BL



Tgt Ion:264 Resp: 5208
Ion Ratio Lower Upper
264 100
260 28.0 21.9 32.9
265 108.7 80.3 120.5

