

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021258.D
 Acq On : 16 Aug 2022 16:42
 Operator : CG/JU
 Sample : N4043-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-D-080322-FD

Quant Time: Aug 17 05:13:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

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

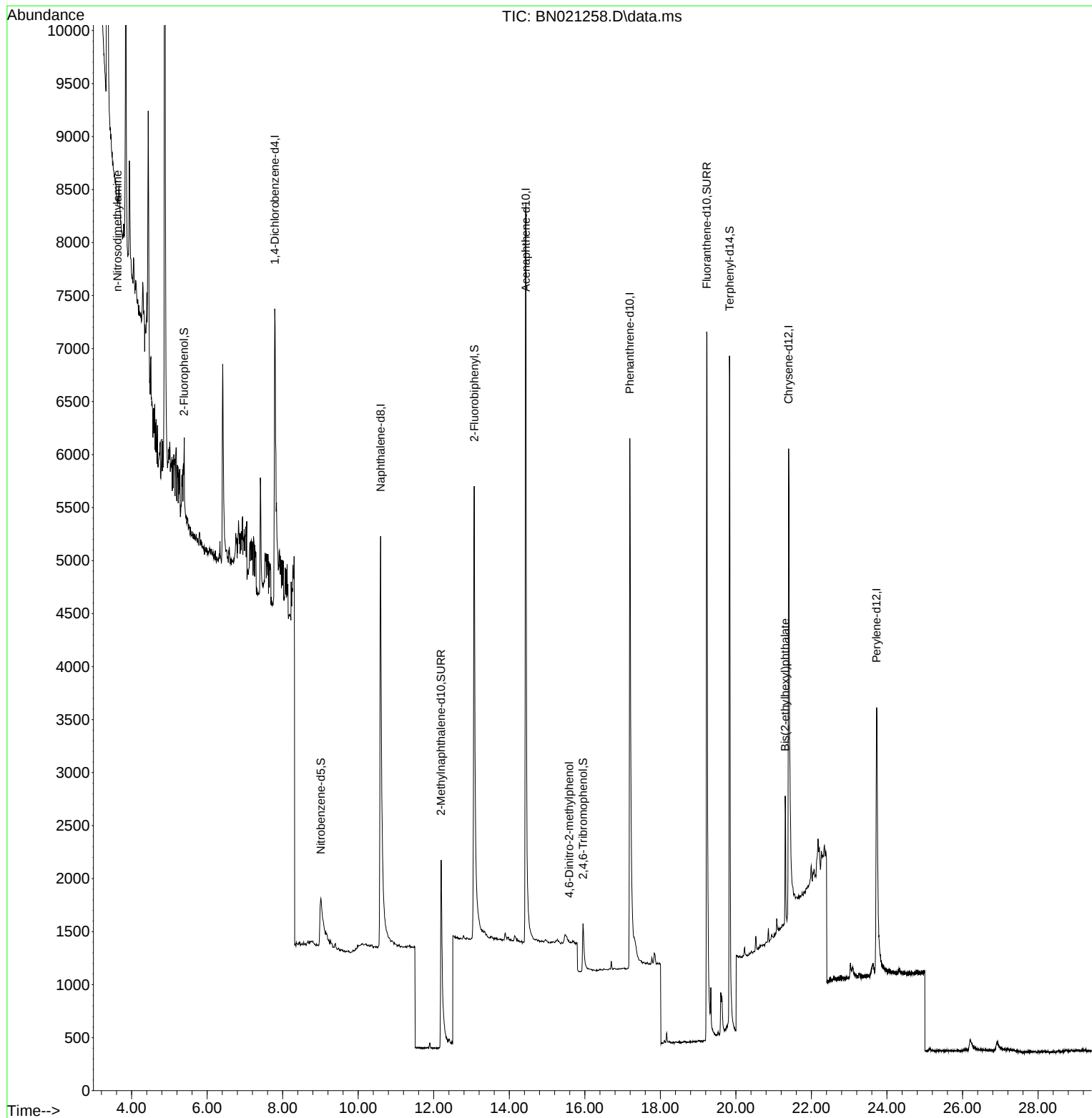
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2629	0.400	ng	0.00
7) Naphthalene-d8	10.592	136	9412	0.400	ng	0.01
13) Acenaphthene-d10	14.439	164	5819	0.400	ng	0.01
19) Phenanthrene-d10	17.192	188	11481	0.400	ng	0.01
29) Chrysene-d12	21.395	240	6967	0.400	ng	# 0.00
35) Perylene-d12	23.726	264	5204	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.386	112	589	0.090	ng	0.00
5) Phenol-d6	7.090	99	104	0.014	ng	0.11
8) Nitrobenzene-d5	9.012	82	1168	0.264	ng	0.05
11) 2-Methylnaphthalene-d10	12.194	152	4733	0.289	ng	0.01
14) 2,4,6-Tribromophenol	15.951	330	415	0.218	ng	0.01
15) 2-Fluorobiphenyl	13.071	172	6126	0.265	ng	0.01
27) Fluoranthene-d10	19.231	212	10924	0.350	ng	0.00
31) Terphenyl-d14	19.830	244	8033	0.423	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.623	42	11	0.217	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.583	198	1	0.254	ng	# 6
34) Bis(2-ethylhexyl)phtha...	21.305	149	1317	0.085	ng	# 98

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

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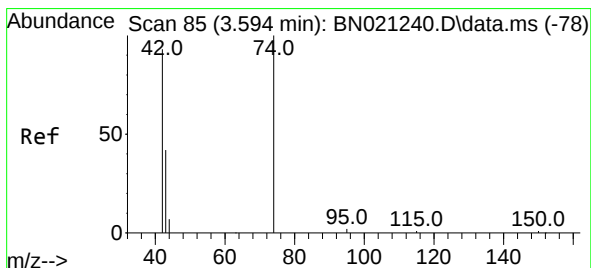
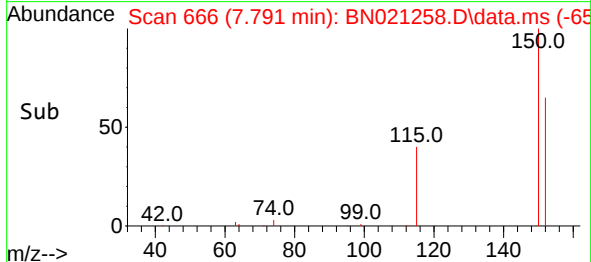
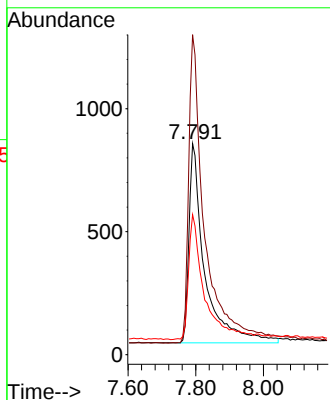
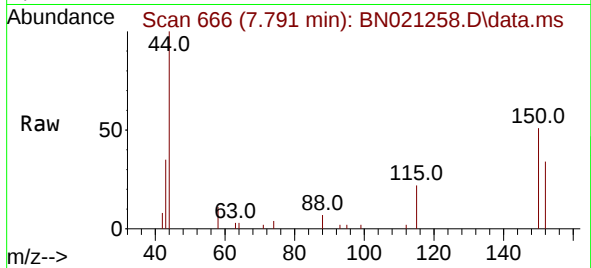




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.791 min Scan# 60
Delta R.T. 0.008 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

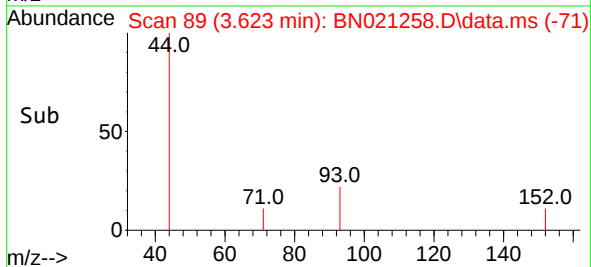
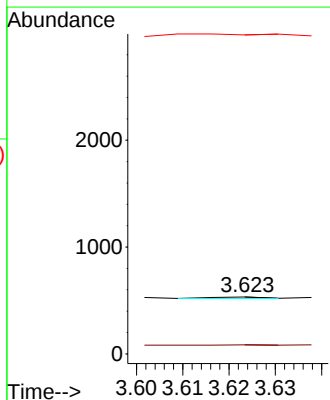
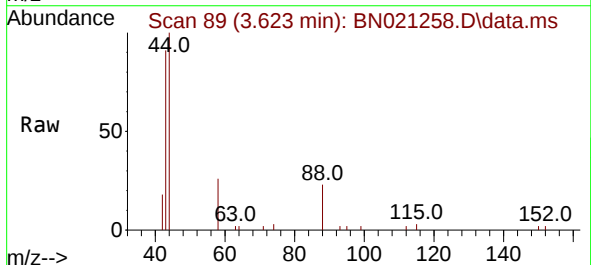
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-D-080322-FD

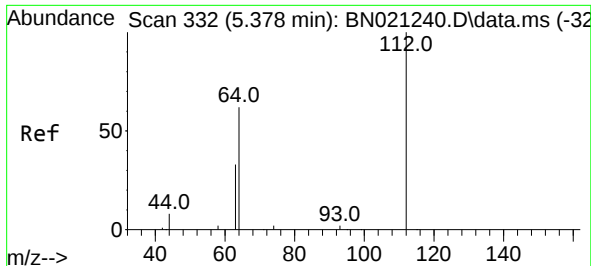
Tgt Ion:152 Resp: 2629
Ion Ratio Lower Upper
152 100
150 151.6 123.1 184.7
115 66.3 52.2 78.4



#3
n-Nitrosodimethylamine
Concen: 0.217 ng
RT: 3.623 min Scan# 89
Delta R.T. 0.029 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

Tgt Ion: 42 Resp: 11
Ion Ratio Lower Upper
42 100
74 9.1 82.4 123.6#
44 563.6 2.7 4.1#

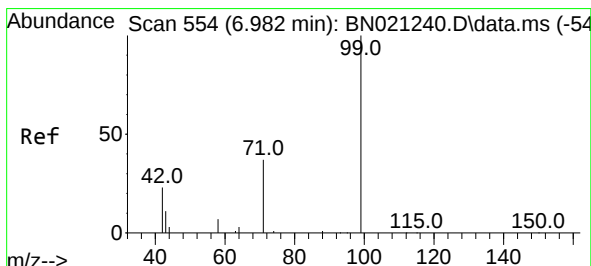
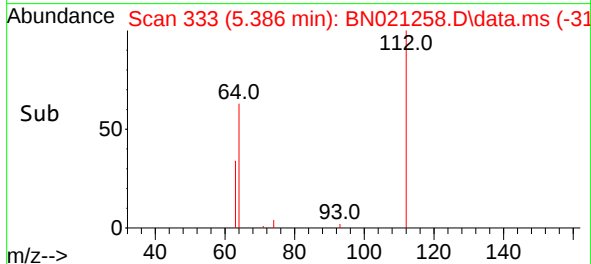
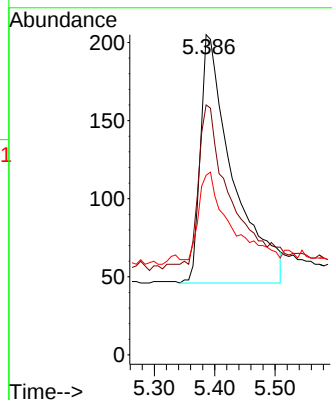
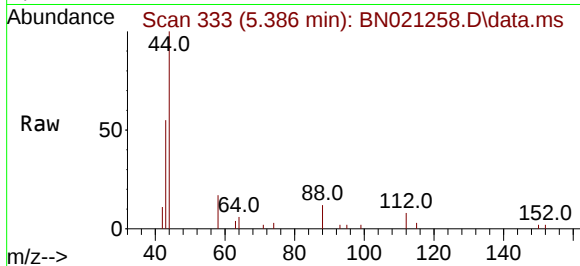




#4
2-Fluorophenol
Concen: 0.090 ng
RT: 5.386 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

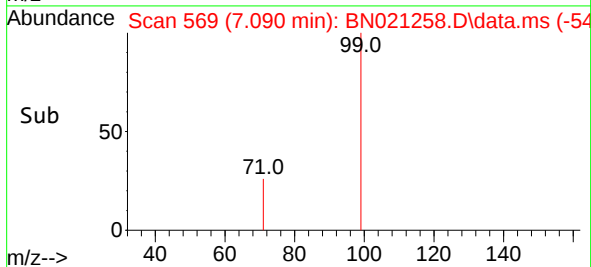
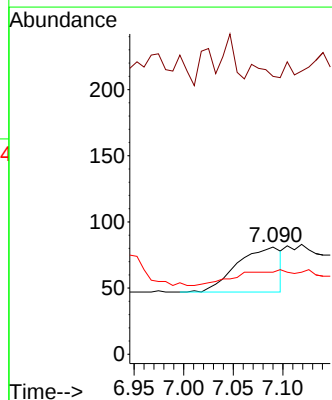
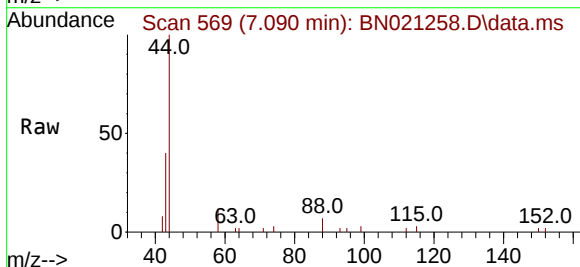
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-D-080322-FD

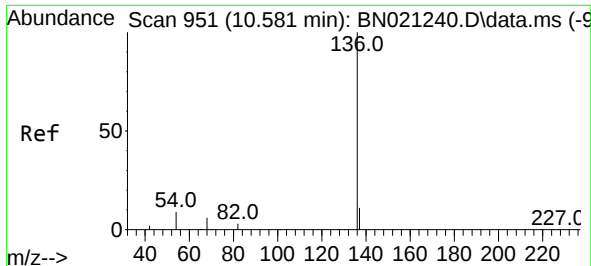
Tgt Ion:112 Resp: 589
Ion Ratio Lower Upper
112 100
64 66.0 52.0 78.0
63 34.1 27.5 41.3



#5
Phenol-d6
Concen: 0.014 ng
RT: 7.090 min Scan# 569
Delta R.T. 0.108 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

Tgt Ion: 99 Resp: 104
Ion Ratio Lower Upper
99 100
42 5.8 19.1 28.7#
71 0.0 28.9 43.3#

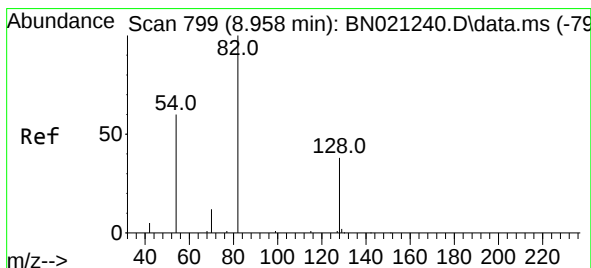
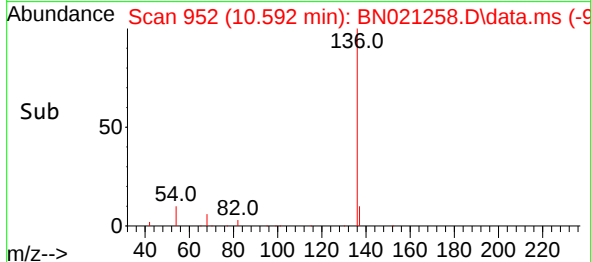
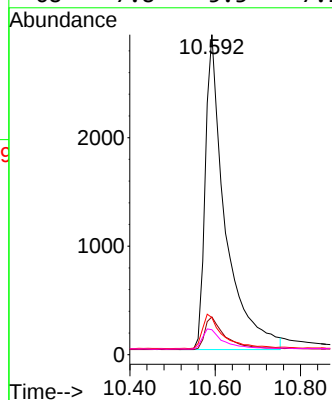
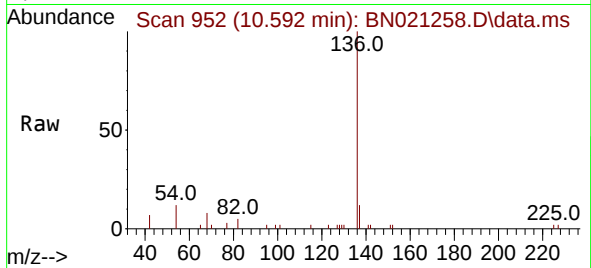




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.592 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

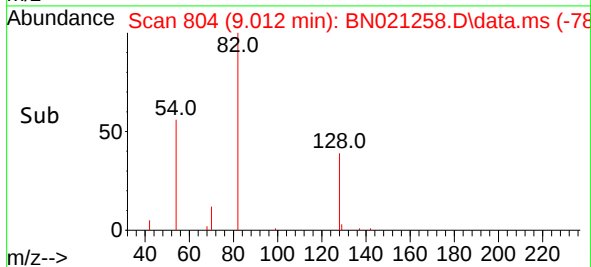
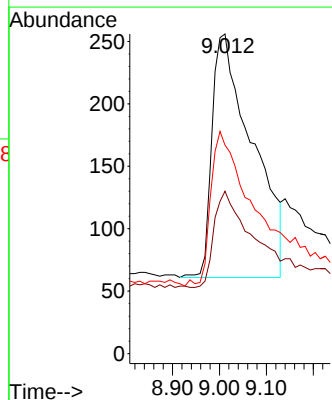
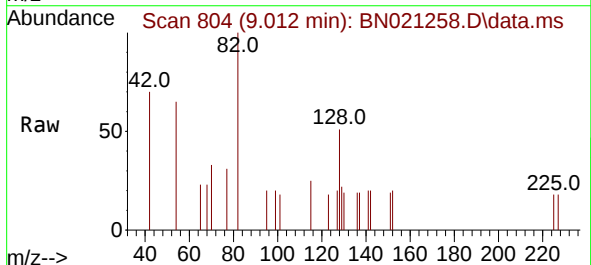
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-D-080322-FD

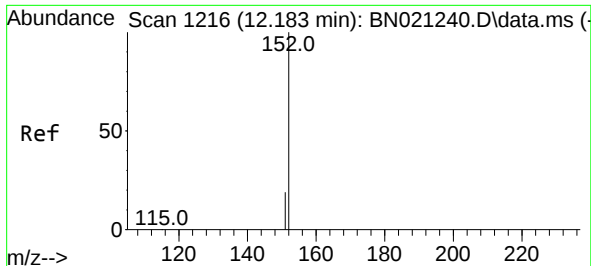
Tgt Ion:	136	Resp:	9412
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.6	14.4
54	11.6	8.2	12.2
68	7.8	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 9.012 min Scan# 804
Delta R.T. 0.054 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

Tgt Ion:	82	Resp:	1168
Ion Ratio	Lower	Upper	
82	100		
128	50.8	33.6	50.4#
54	65.2	50.2	75.2

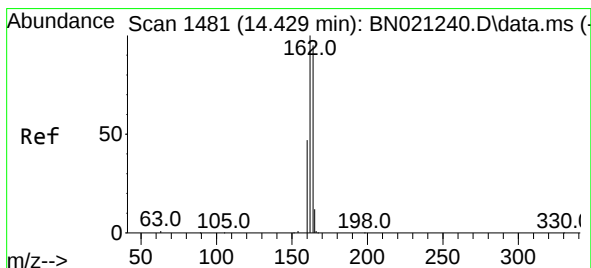
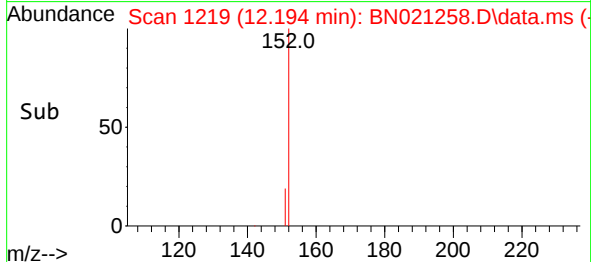
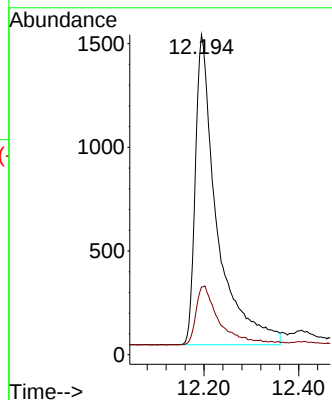
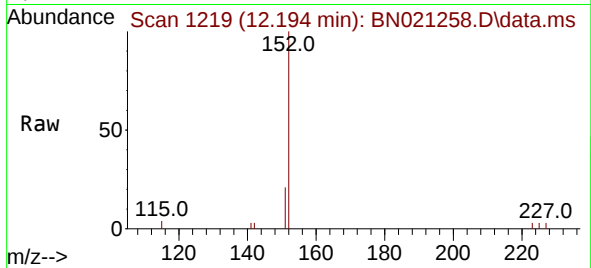




#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.194 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

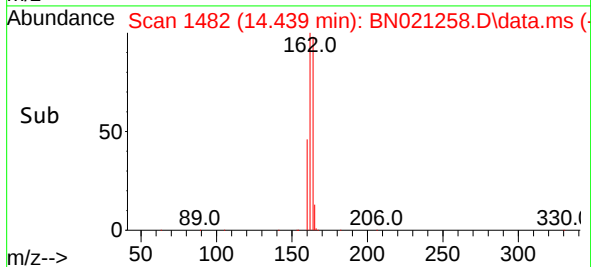
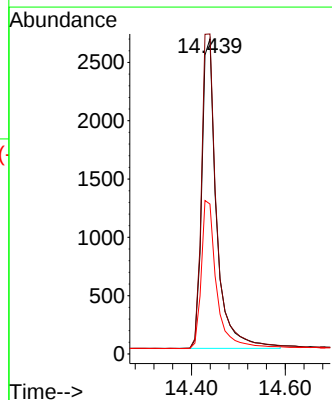
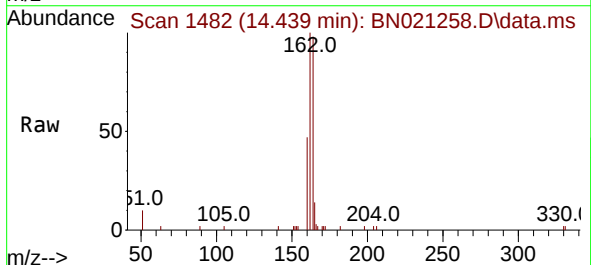
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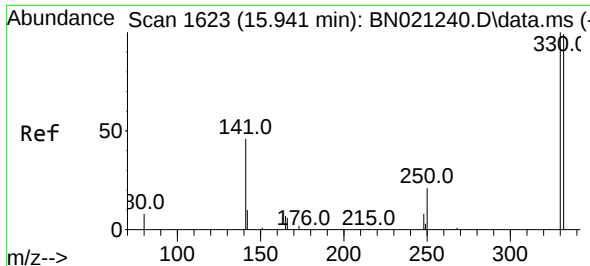
Tgt Ion:152 Resp: 4733
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.439 min Scan# 1482
Delta R.T. 0.011 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

Tgt Ion:164 Resp: 5819
Ion Ratio Lower Upper
164 100
162 101.6 83.8 125.6
160 47.6 39.8 59.6

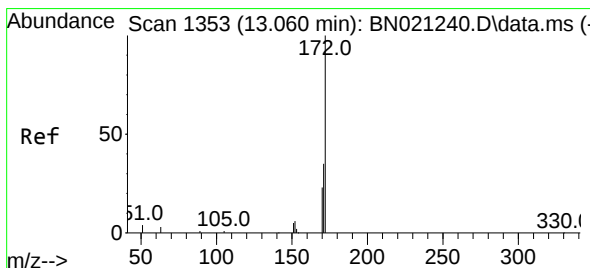
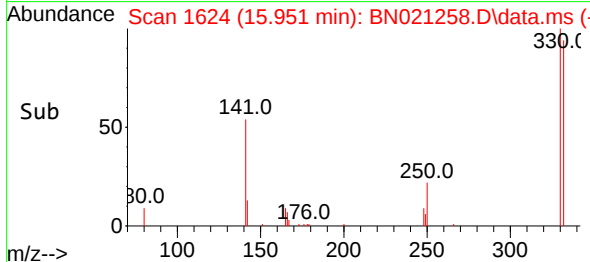
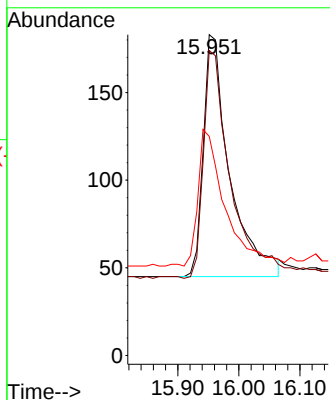
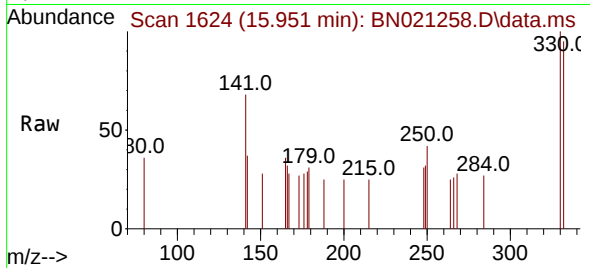




#14
2,4,6-Tribromophenol
Concen: 0.218 ng
RT: 15.951 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

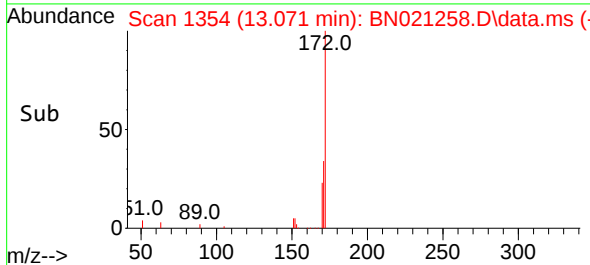
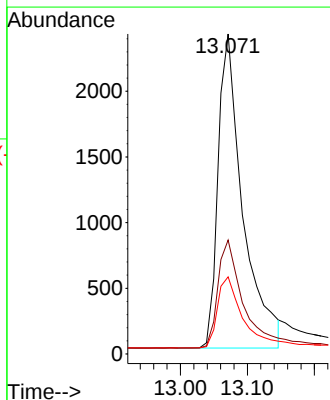
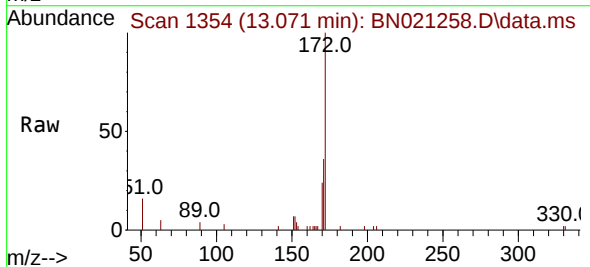
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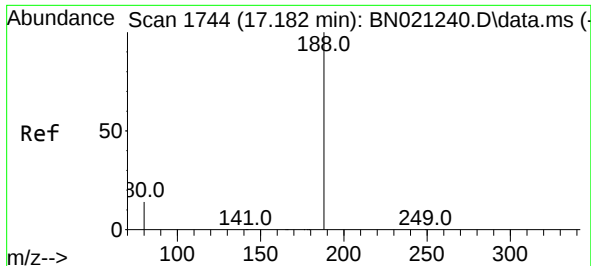
Tgt Ion:330 Resp: 415
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 57.8 45.4 68.0



#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 13.071 min Scan# 1354
Delta R.T. 0.011 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

Tgt Ion:172 Resp: 6126
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.1 19.0 28.6

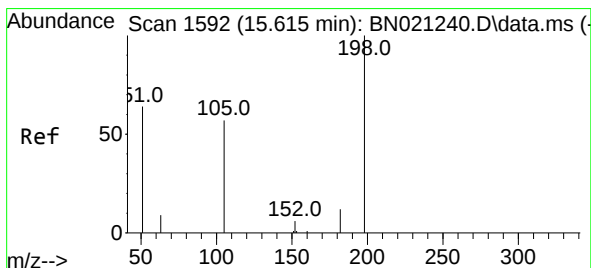
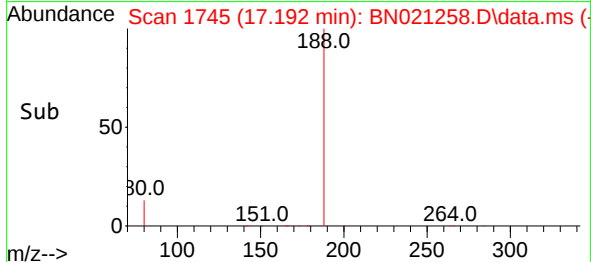
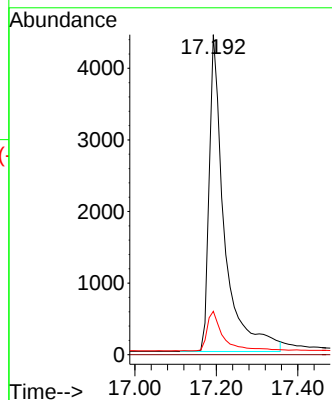
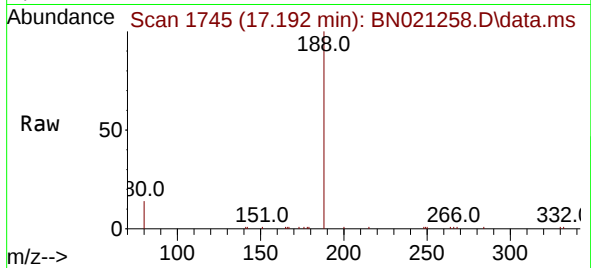




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.192 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

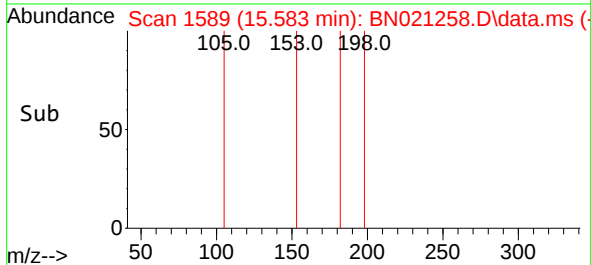
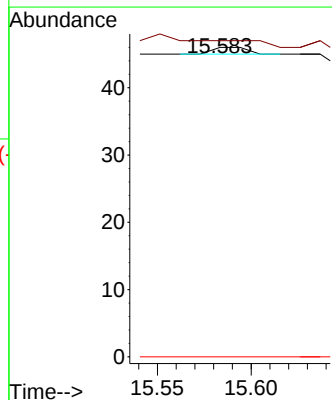
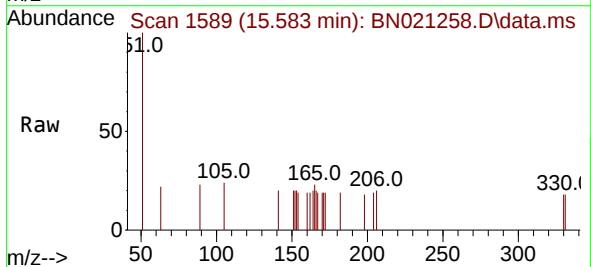
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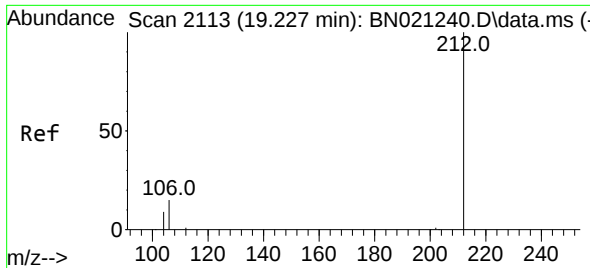
Tgt Ion:188 Resp: 11481
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 11.8 17.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.254 ng
RT: 15.583 min Scan# 1589
Delta R.T. -0.032 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 102.2 33.9 50.9#
77 0.0 0.0 0.0

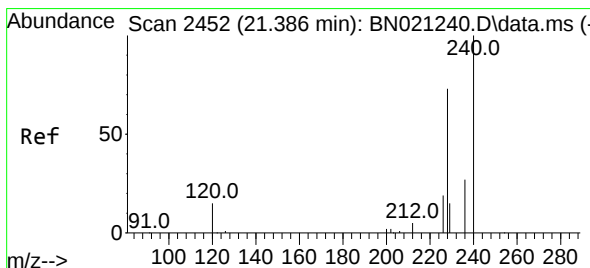
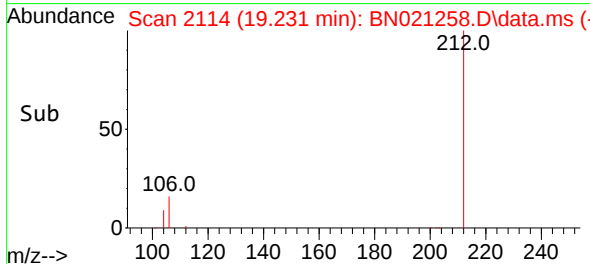
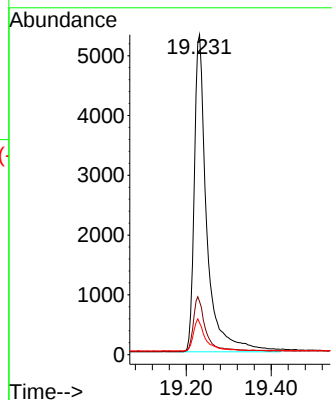
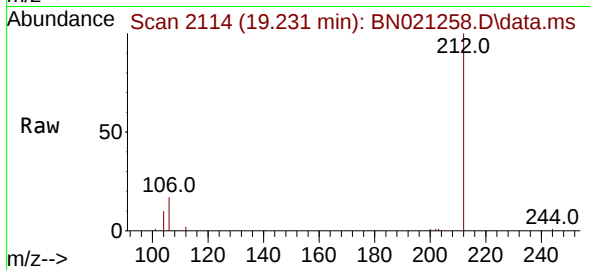




#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.231 min Scan# 2114
Delta R.T. 0.004 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

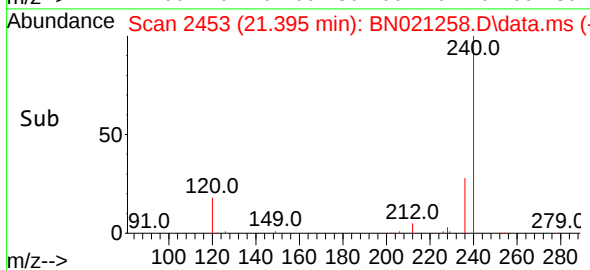
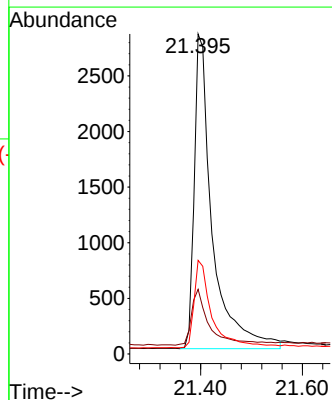
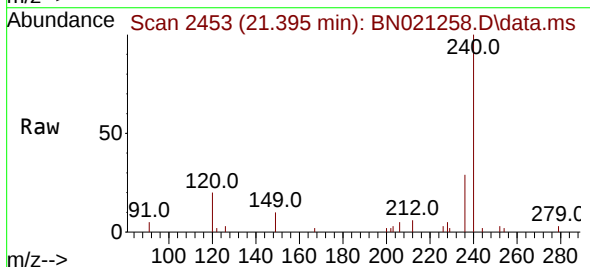
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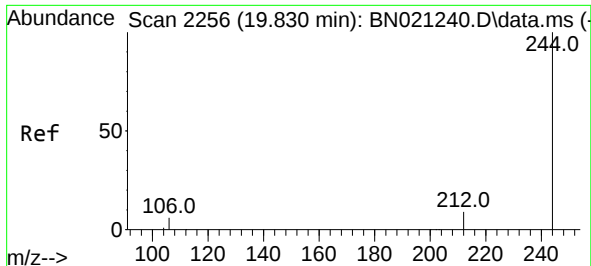
Tgt Ion:212 Resp: 10924
Ion Ratio Lower Upper
212 100
106 16.8 12.6 18.8
104 9.3 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2453
Delta R.T. 0.009 min
Lab File: BN021258.D
Acq: 16 Aug 2022 16:42

Tgt Ion:240 Resp: 6967
Ion Ratio Lower Upper
240 100
120 20.2 13.4 20.2#
236 29.3 22.6 33.8

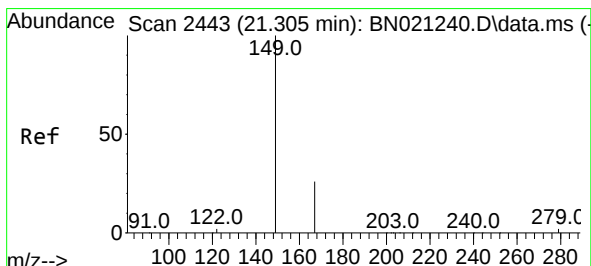
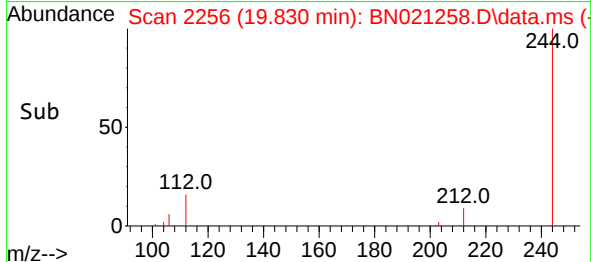
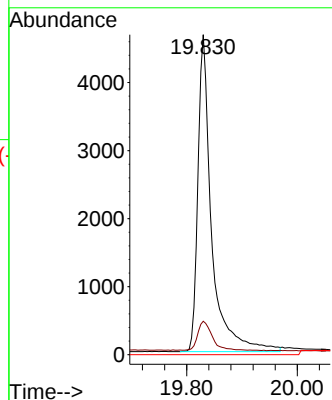
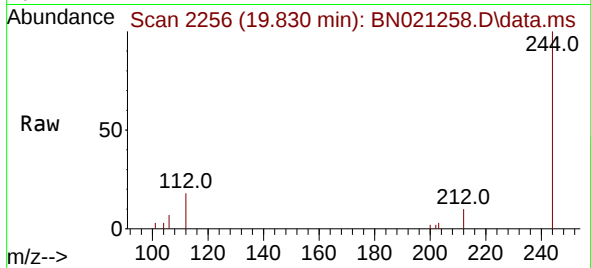




#31
 Terphenyl-d14
 Concen: 0.423 ng
 RT: 19.830 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021258.D
 Acq: 16 Aug 2022 16:42

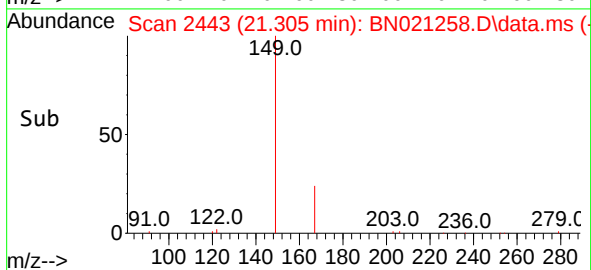
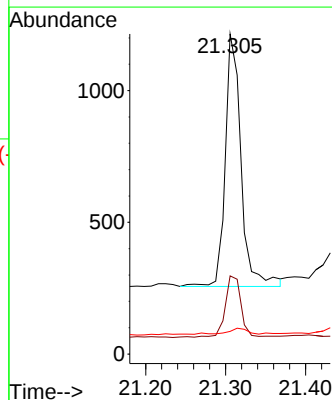
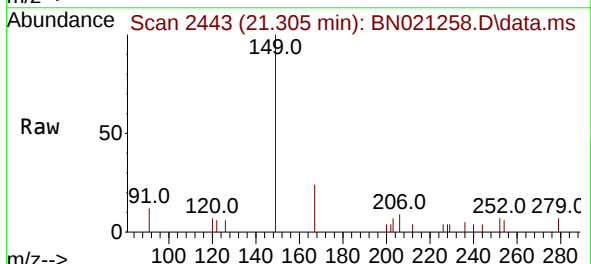
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-D-080322-FD

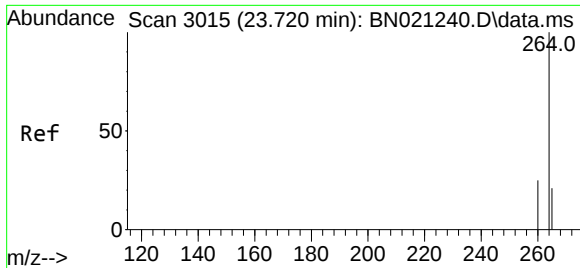
Tgt Ion:244 Resp: 8033
 Ion Ratio Lower Upper
 244 100
 212 10.5 8.3 12.5
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.305 min Scan# 2443
 Delta R.T. 0.000 min
 Lab File: BN021258.D
 Acq: 16 Aug 2022 16:42

Tgt Ion:149 Resp: 1317
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.6 31.0
 279 2.4 2.4 3.6#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.726 min Scan# 30

Delta R.T. 0.006 min

Lab File: BN021258.D

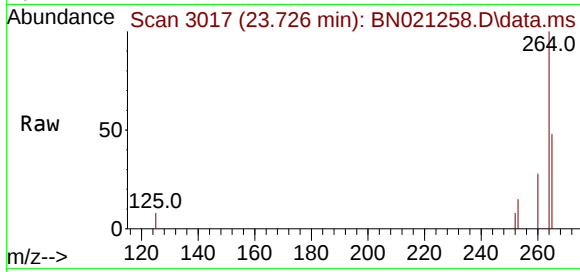
Acq: 16 Aug 2022 16:42

Instrument :

BNA_N

ClientSampleId :

PW-B6-L10-D-080322-FD



Tgt Ion:264 Resp: 5204

Ion Ratio Lower Upper

264 100

260 27.9 21.4 32.2

265 47.6 34.3 51.5

