

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
 Data File : BN033724.D
 Acq On : 31 Aug 2024 02:36
 Operator : MA/JU
 Sample : P3802-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-02-9-082924

Quant Time: Aug 31 03:08:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 23:33:13 2024
 Response via : Initial Calibration

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

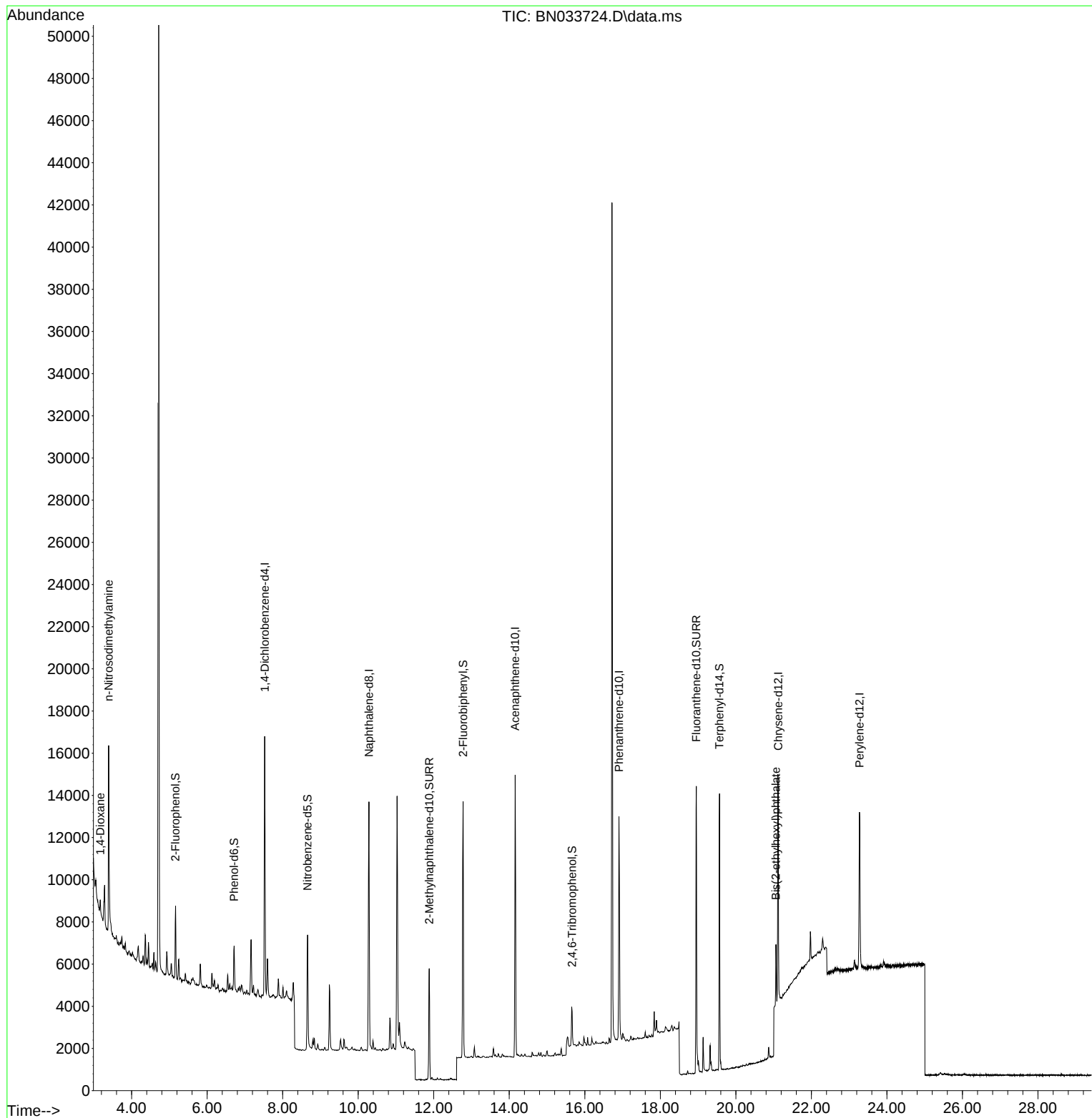
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5691	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	14998	0.400	ng	-0.01
13) Acenaphthene-d10	14.157	164	7179	0.400	ng	-0.01
19) Phenanthrene-d10	16.905	188	14459	0.400	ng	#-0.01
29) Chrysene-d12	21.122	240	9967	0.400	ng	# 0.00
35) Perylene-d12	23.274	264	9671	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	2399	0.140	ng	0.00
5) Phenol-d6	6.715	99	1817	0.090	ng	0.00
8) Nitrobenzene-d5	8.659	82	4227	0.339	ng	0.00
11) 2-Methylnaphthalene-d10	11.881	152	7284	0.344	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	1122	0.326	ng	0.00
15) 2-Fluorobiphenyl	12.778	172	10187	0.337	ng	0.00
27) Fluoranthene-d10	18.952	212	14544	0.408	ng	0.00
31) Terphenyl-d14	19.565	244	12050	0.571	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	350	0.053	ng	# 1
3) n-Nitrosodimethylamine	3.392	42	1686	0.217	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.059	149	6856	0.344	ng	# 79

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

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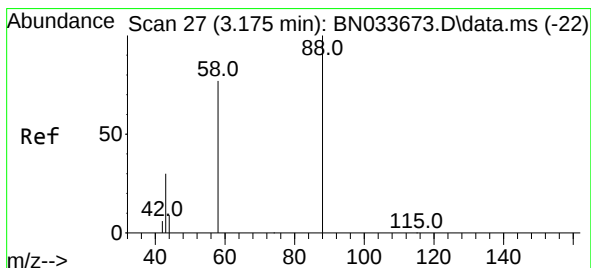
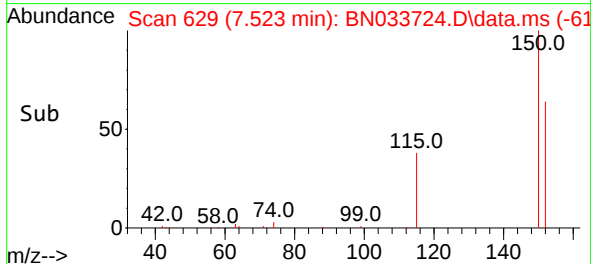
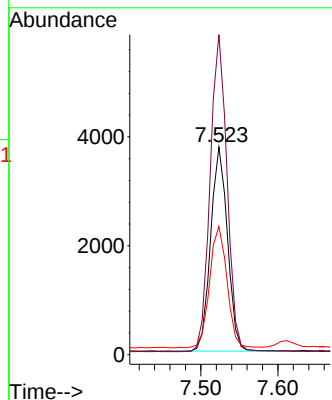
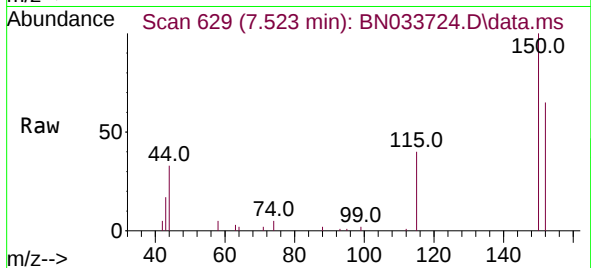




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.523 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033724.D
 Acq: 31 Aug 2024 02:36

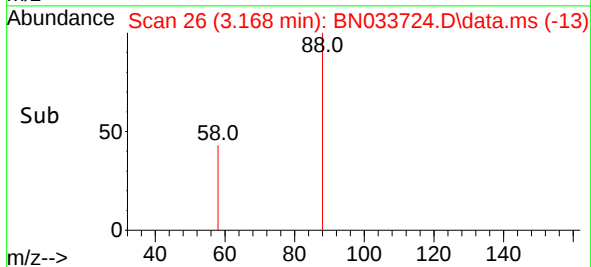
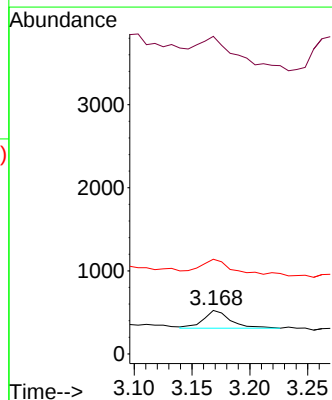
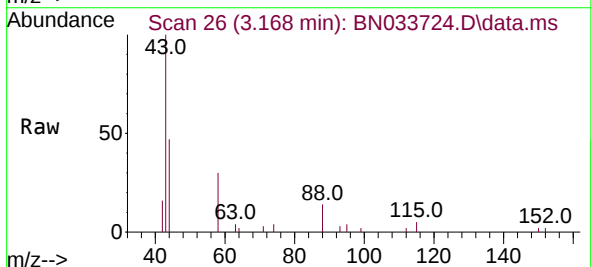
Instrument :
 BNA_N
 ClientSampleId :
 MW-02-9-082924

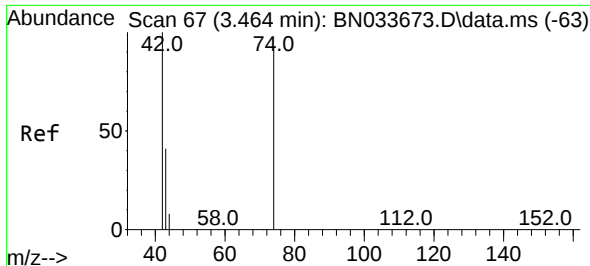
Tgt Ion:152 Resp: 5691
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.4 185.0
 115 61.8 51.3 76.9



#2
 1,4-Dioxane
 Concen: 0.053 ng
 RT: 3.168 min Scan# 26
 Delta R.T. -0.007 min
 Lab File: BN033724.D
 Acq: 31 Aug 2024 02:36

Tgt Ion: 88 Resp: 350
 Ion Ratio Lower Upper
 88 100
 43 275.7 26.8 40.2#
 58 120.6 63.4 95.0#

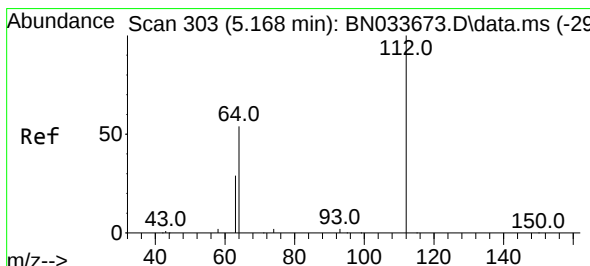
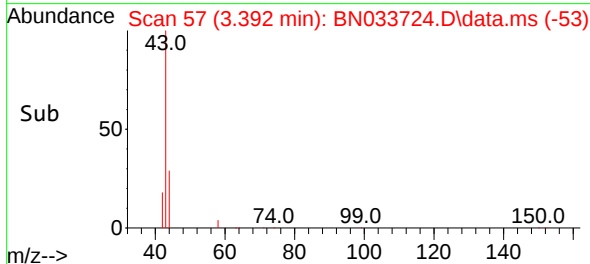
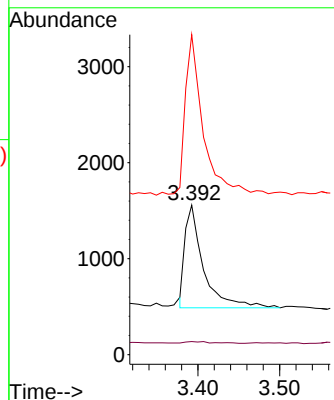
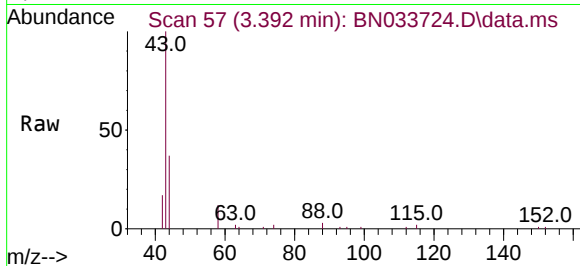




#3
n-Nitrosodimethylamine
Concen: 0.217 ng
RT: 3.392 min Scan# 51
Delta R.T. -0.072 min
Lab File: BN033724.D
Acq: 31 Aug 2024 02:36

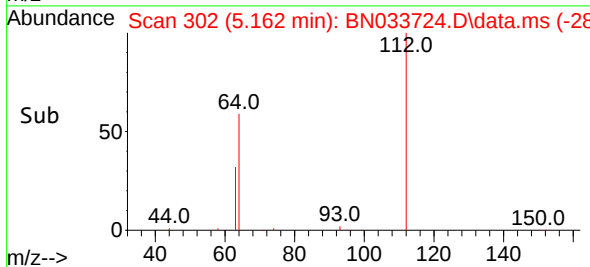
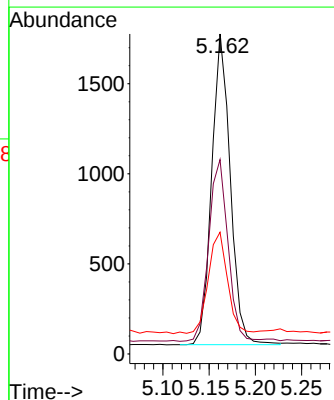
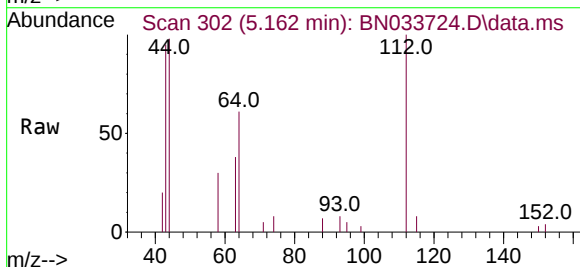
Instrument :
BNA_N
ClientSampleId :
MW-02-9-082924

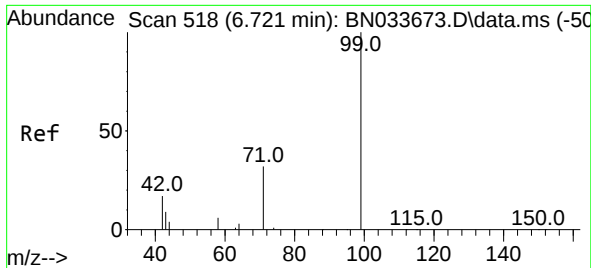
Tgt Ion: 42 Resp: 1686
Ion Ratio Lower Upper
42 100
74 1.4 91.8 137.6#
44 143.5 6.2 9.4#



#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.162 min Scan# 302
Delta R.T. -0.007 min
Lab File: BN033724.D
Acq: 31 Aug 2024 02:36

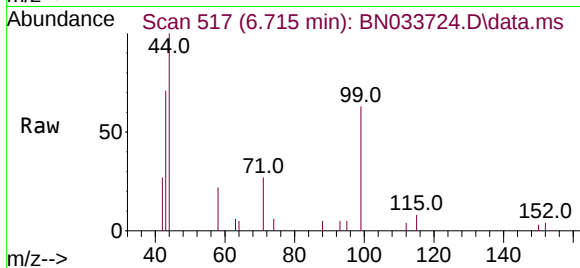
Tgt Ion: 112 Resp: 2399
Ion Ratio Lower Upper
112 100
64 60.7 48.6 72.8
63 34.0 26.6 39.8



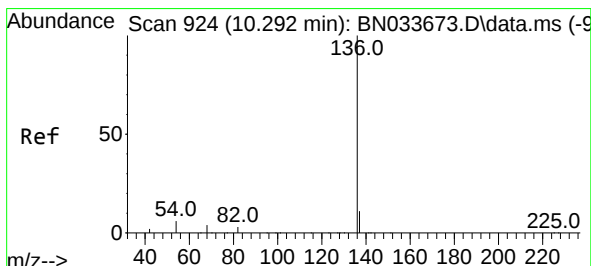
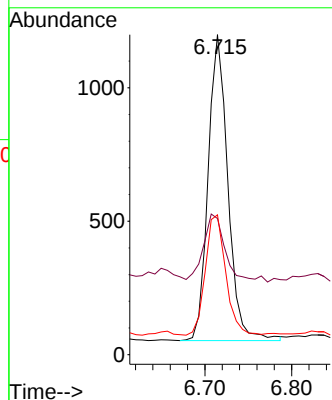
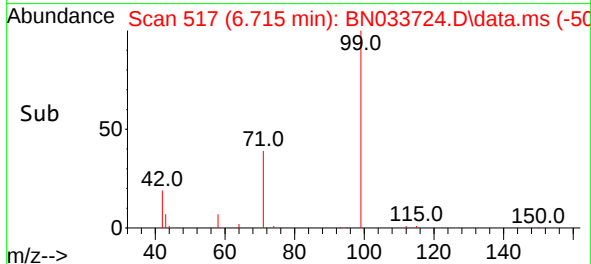


#5
Phenol-d6
Concen: 0.090 ng
RT: 6.715 min Scan# 517
Delta R.T. -0.007 min
Lab File: BN033724.D
Acq: 31 Aug 2024 02:36

Instrument :
BNA_N
ClientSampleId :
MW-02-9-082924

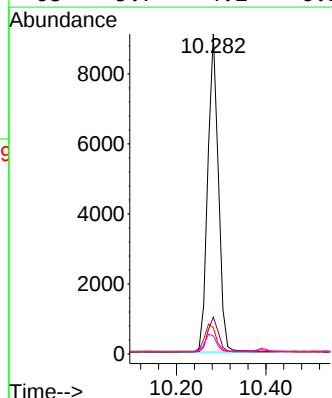
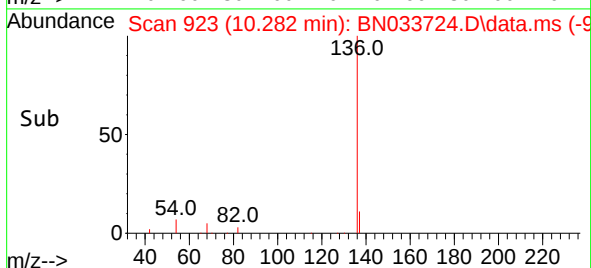
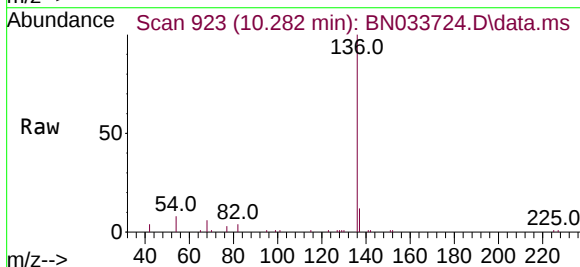


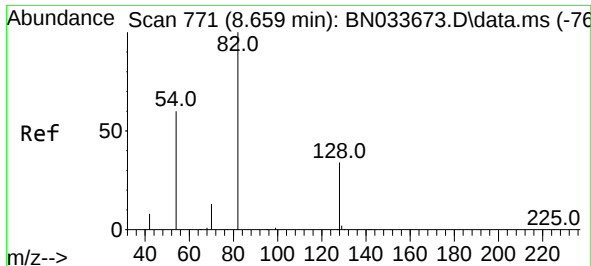
Tgt Ion:	99	Resp:	1817
Ion	Ratio	Lower	Upper
99	100		
42	24.9	17.8	26.8
71	40.6	28.0	42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 923
Delta R.T. -0.010 min
Lab File: BN033724.D
Acq: 31 Aug 2024 02:36

Tgt Ion:	136	Resp:	14998
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.2	5.8	8.6
68	5.7	4.2	6.2

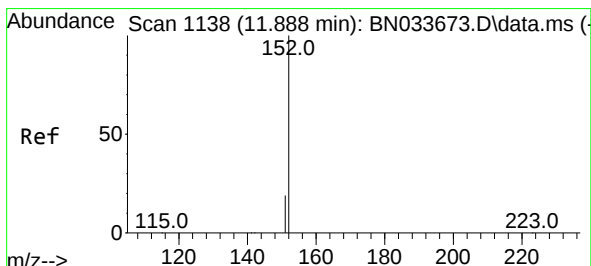
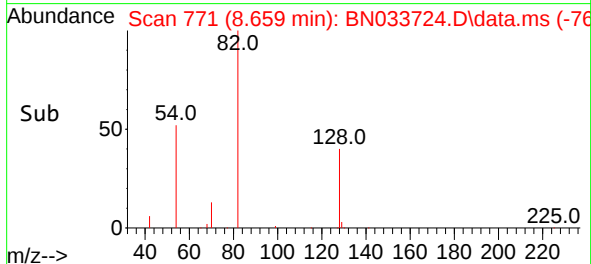
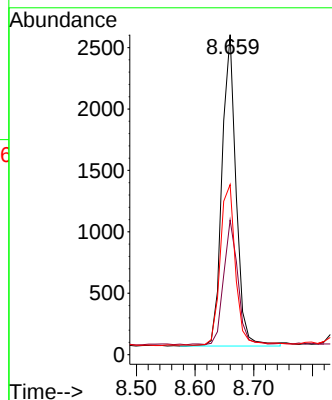
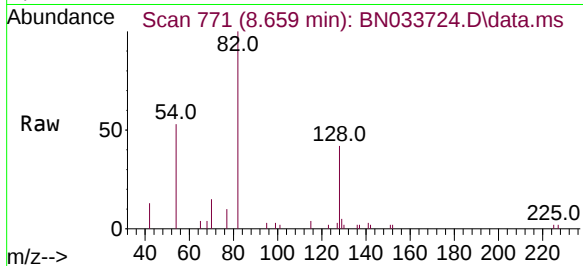




#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.001 min
Lab File: BN033724.D
Acq: 31 Aug 2024 02:36

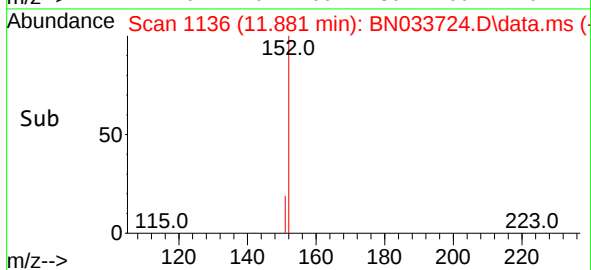
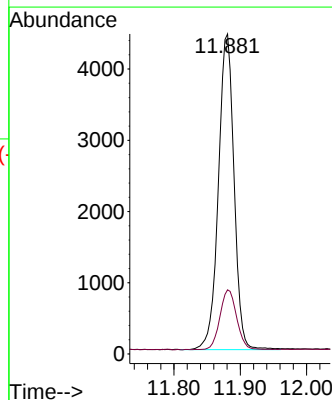
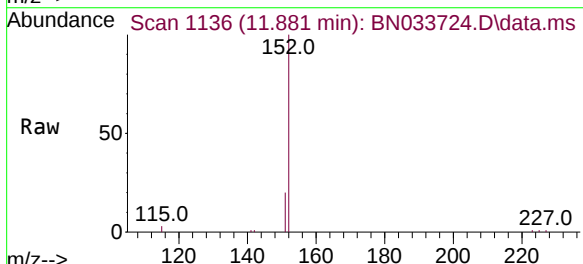
Instrument :
BNA_N
ClientSampleId :
MW-02-9-082924

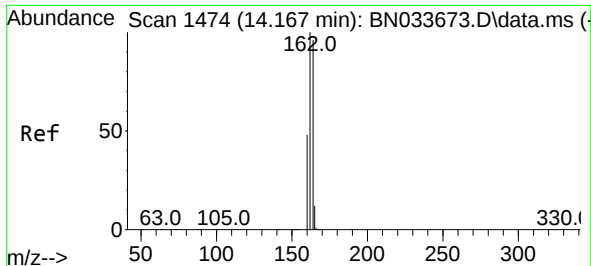
Tgt Ion: 82 Resp: 4227
Ion Ratio Lower Upper
82 100
128 42.1 29.3 43.9
54 53.2 49.4 74.0



#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 11.881 min Scan# 1136
Delta R.T. -0.007 min
Lab File: BN033724.D
Acq: 31 Aug 2024 02:36

Tgt Ion: 152 Resp: 7284
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

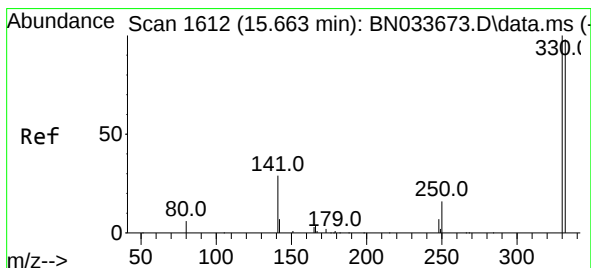
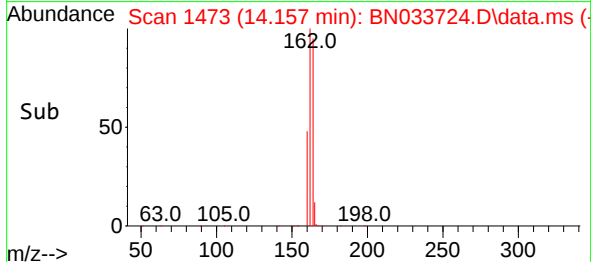
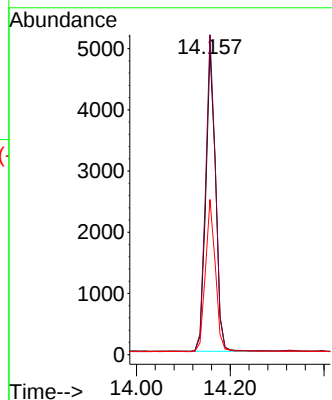
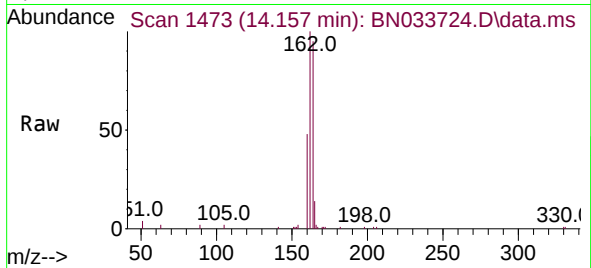




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.157 min Scan# 1474
Delta R.T. -0.010 min
Lab File: BN033724.D
Acq: 31 Aug 2024 02:36

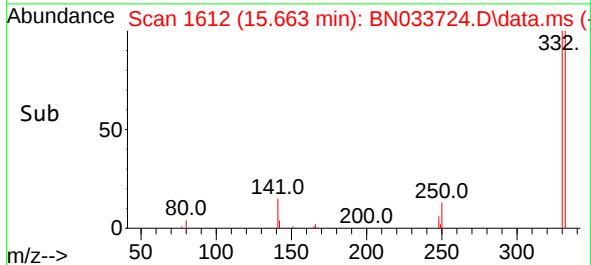
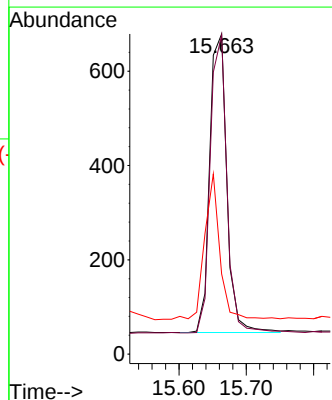
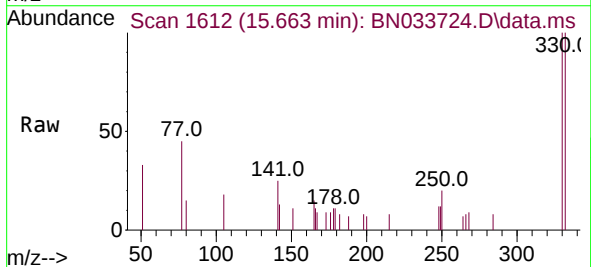
Instrument :
BNA_N
ClientSampleId :
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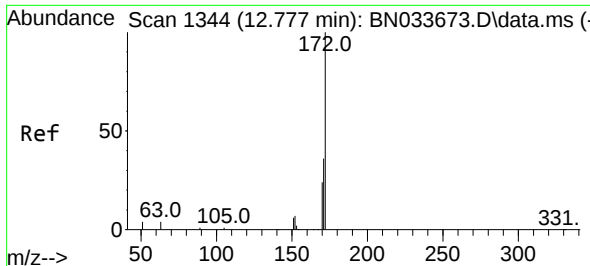
Tgt Ion:164 Resp: 7179
Ion Ratio Lower Upper
164 100
162 105.0 83.4 125.2
160 50.9 40.2 60.2



#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.001 min
Lab File: BN033724.D
Acq: 31 Aug 2024 02:36

Tgt Ion:330 Resp: 1122
Ion Ratio Lower Upper
330 100
332 96.6 78.6 118.0
141 42.8 35.0 52.6

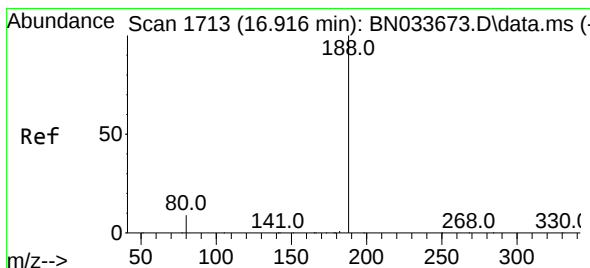
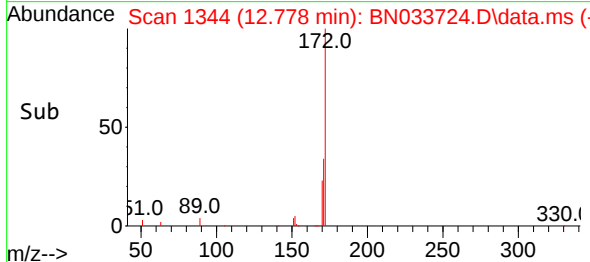
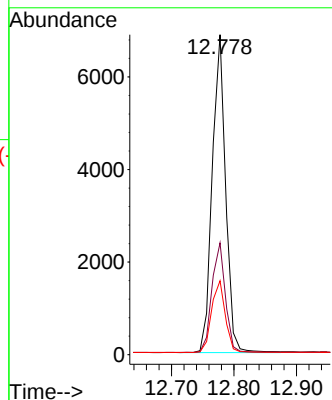
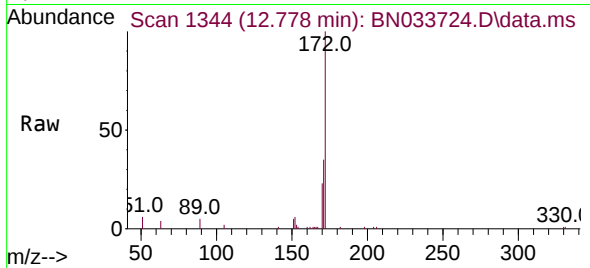




#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.778 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN033724.D
Acq: 31 Aug 2024 02:36

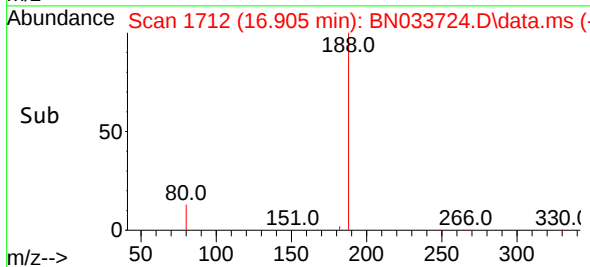
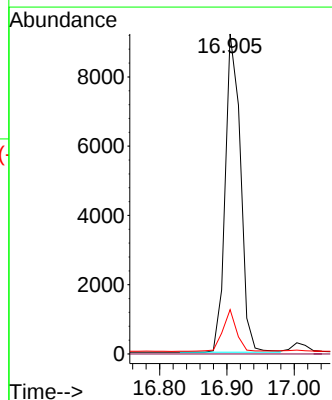
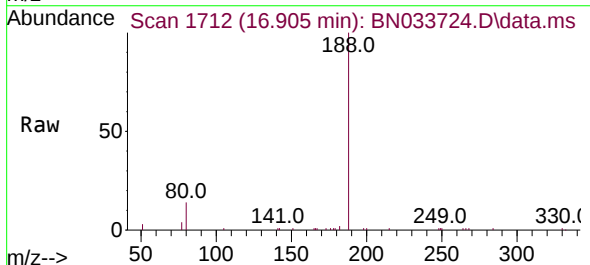
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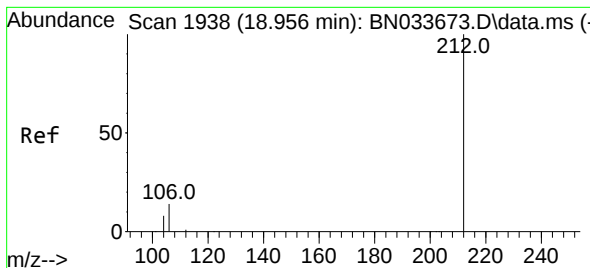
Tgt Ion:172 Resp: 10187
Ion Ratio Lower Upper
172 100
171 34.9 29.2 43.8
170 23.1 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.905 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BN033724.D
Acq: 31 Aug 2024 02:36

Tgt Ion:188 Resp: 14459
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 7.4 11.0#





#27

Fluoranthene-d10

Concen: 0.408 ng

RT: 18.952 min Scan# 1938

Delta R.T. -0.004 min

Lab File: BN033724.D

Acq: 31 Aug 2024 02:36

Instrument :

BNA_N

ClientSampleId :

MW-02-9-082924

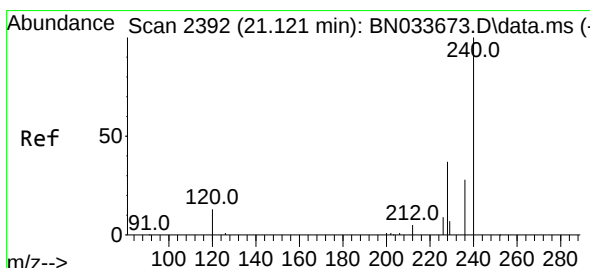
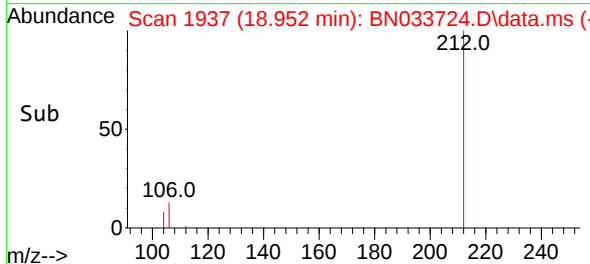
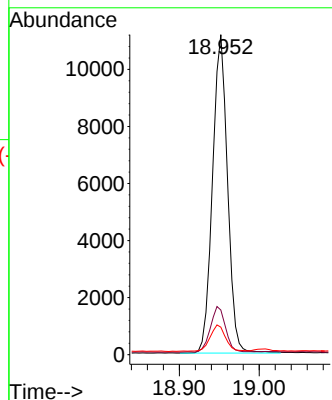
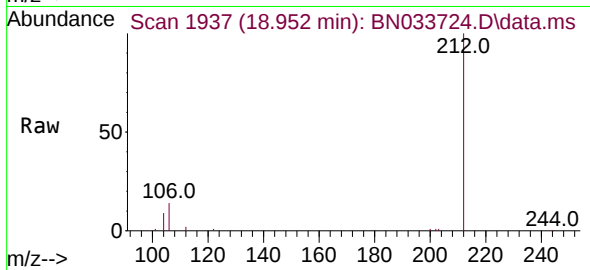
Tgt Ion:212 Resp: 14544

Ion Ratio Lower Upper

212 100

106 14.4 11.8 17.6

104 8.7 6.9 10.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.122 min Scan# 2392

Delta R.T. 0.001 min

Lab File: BN033724.D

Acq: 31 Aug 2024 02:36

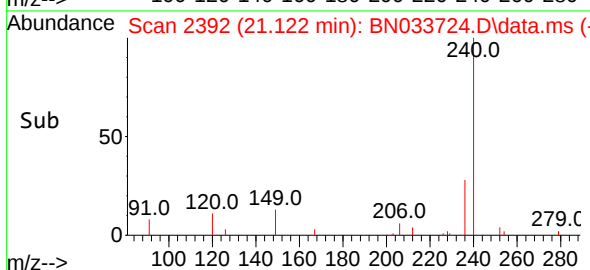
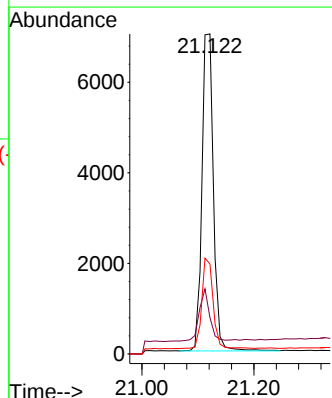
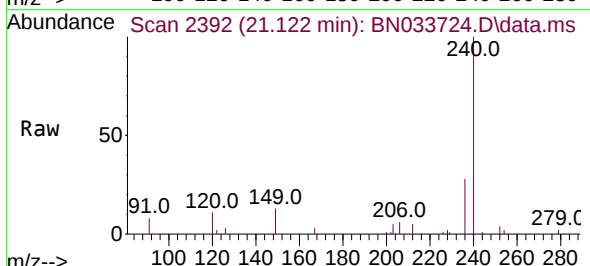
Tgt Ion:240 Resp: 9967

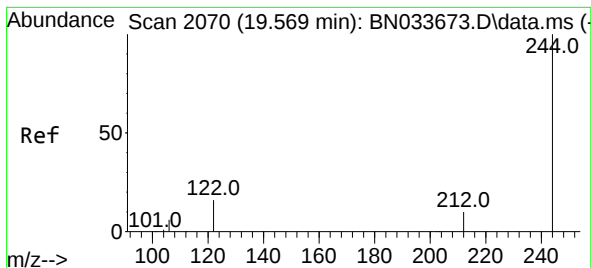
Ion Ratio Lower Upper

240 100

120 11.3 13.3 19.9#

236 28.1 23.4 35.2





#31

Terphenyl-d14

Concen: 0.571 ng

RT: 19.565 min Scan# 2069

Delta R.T. -0.004 min

Lab File: BN033724.D

Acq: 31 Aug 2024 02:36

Instrument :

BNA_N

ClientSampleId :

MW-02-9-082924

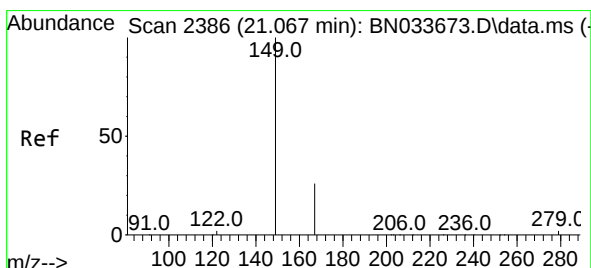
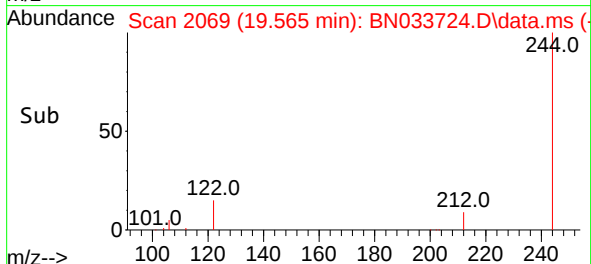
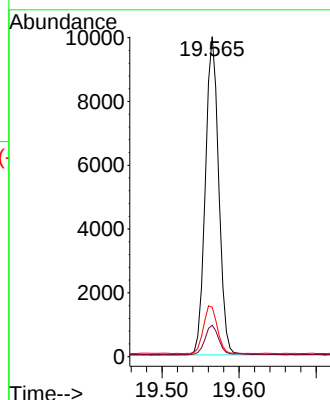
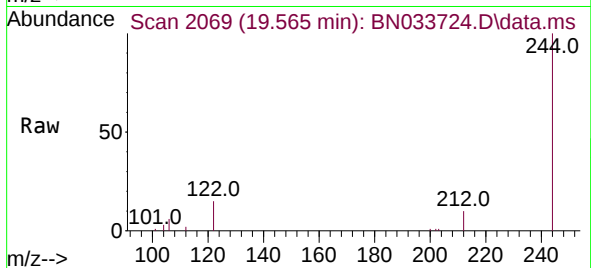
Tgt Ion:244 Resp: 12050

Ion Ratio Lower Upper

244 100

212 9.8 8.2 12.4

122 15.4 13.6 20.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.344 ng

RT: 21.059 min Scan# 2385

Delta R.T. -0.008 min

Lab File: BN033724.D

Acq: 31 Aug 2024 02:36

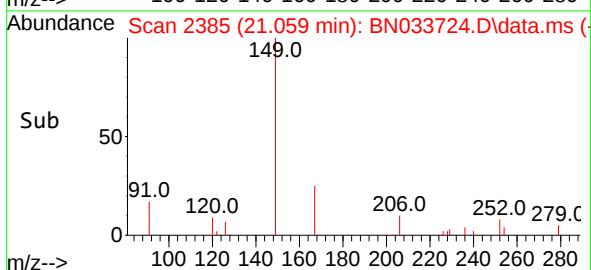
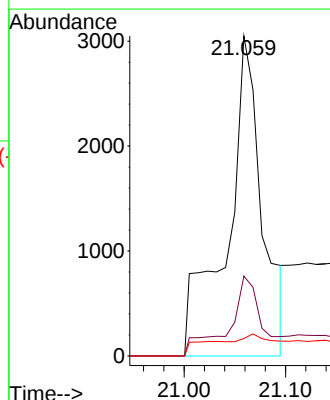
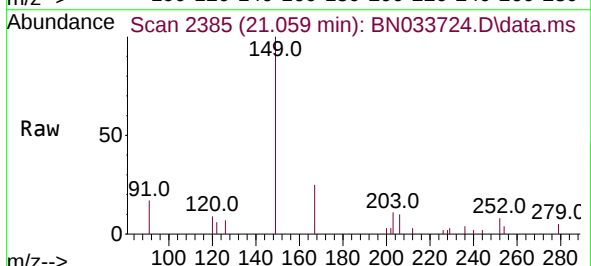
Tgt Ion:149 Resp: 6856

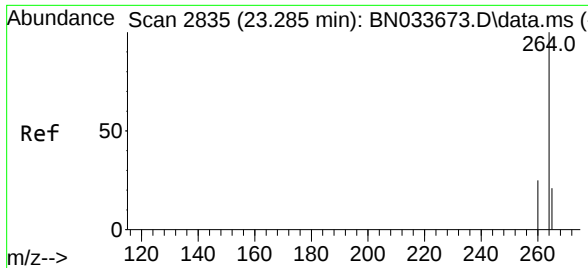
Ion Ratio Lower Upper

149 100

167 23.6 28.3 42.5#

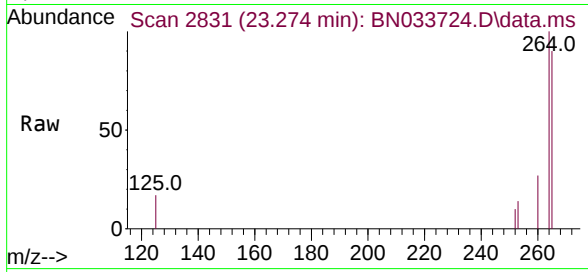
279 12.9 4.2 6.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.274 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BN033724.D
 Acq: 31 Aug 2024 02:36

Instrument :
 BNA_N
 ClientSampleId :
 MW-02-9-082924



Tgt Ion:264 Resp: 9671

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.7	31.1
265	89.9	69.9	104.9

