

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071024\
 Data File : BN032610.D
 Acq On : 10 Jul 2024 10:00
 Operator : MA/JU
 Sample : PB161970BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161970BL

Quant Time: Jul 10 11:15:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

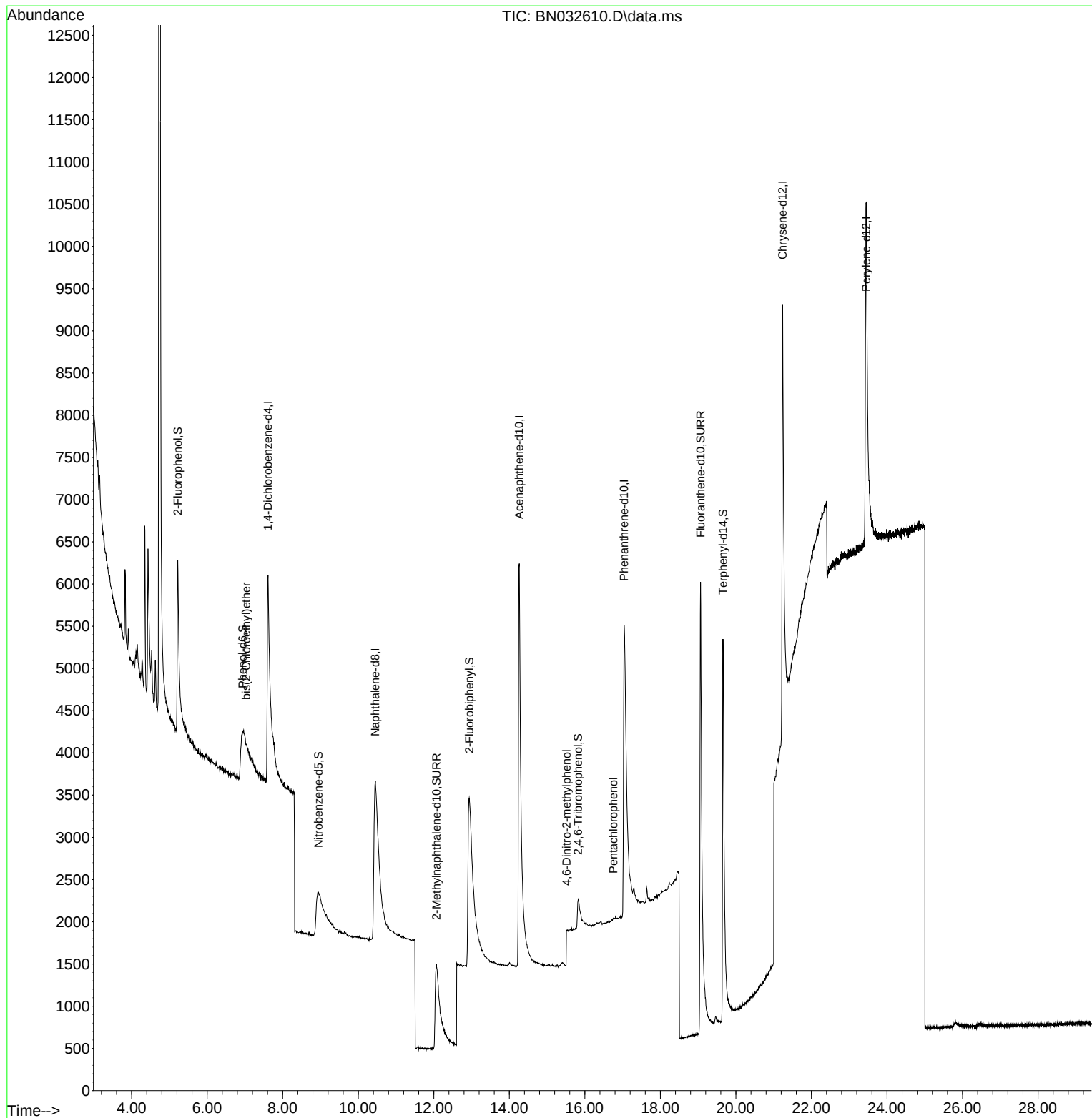
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	3580	0.400	ng	0.02
7) Naphthalene-d8	10.453	136	10826	0.400	ng	# 0.07
13) Acenaphthene-d10	14.263	164	8386	0.400	ng	0.03
19) Phenanthrene-d10	17.041	188	15791	0.400	ng	# 0.04
29) Chrysene-d12	21.238	240	11470	0.400	ng	# 0.03
35) Perylene-d12	23.449	264	11598	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	4128	0.456	ng	0.00
5) Phenol-d6	6.938	99	2367	0.205	ng	0.12
8) Nitrobenzene-d5	8.947	82	1994	0.247	ng	0.15
11) 2-Methylnaphthalene-d10	12.069	152	6392	0.374	ng	0.09
14) 2,4,6-Tribromophenol	15.824	330	554	0.146	ng	0.06
15) 2-Fluorobiphenyl	12.938	172	7699	0.249	ng	0.07
27) Fluoranthene-d10	19.063	212	14367	0.349	ng	0.02
31) Terphenyl-d14	19.658	244	10588	0.378	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.032	93	12	0.087	ng	# 24
20) 4,6-Dinitro-2-methylph...	15.514	198	1	0.197	ng	# 1
24) Pentachlorophenol	16.755	266	71	0.183	ng	# 76

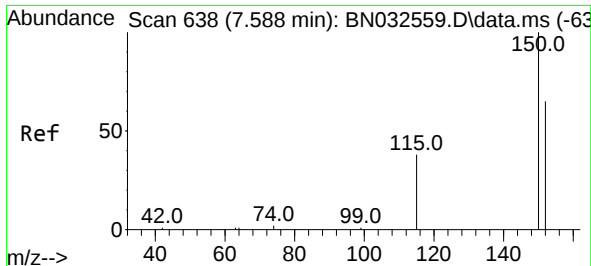
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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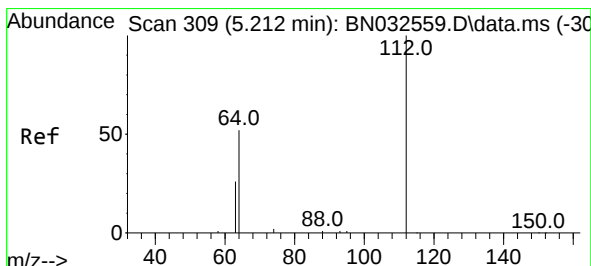
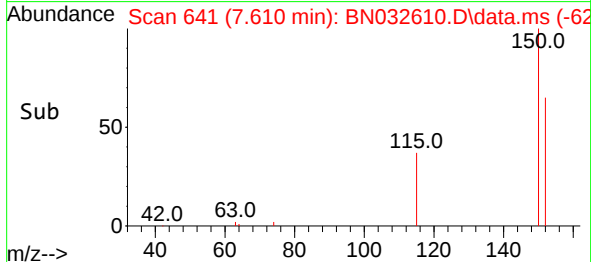
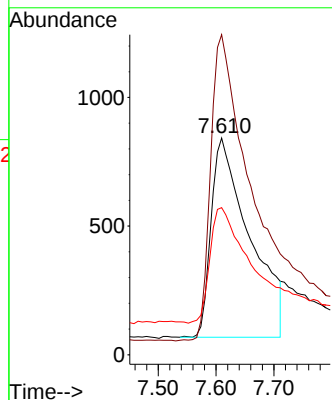
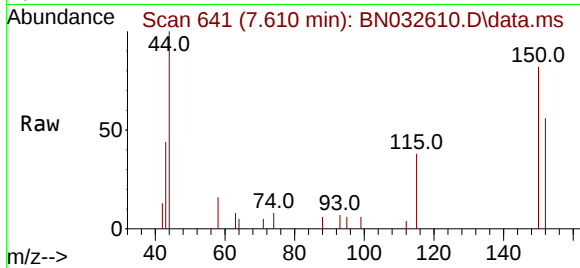




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.610 min Scan# 641
 Delta R.T. 0.022 min
 Lab File: BN032610.D
 Acq: 10 Jul 2024 10:00

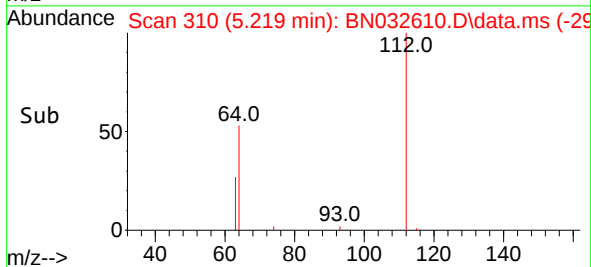
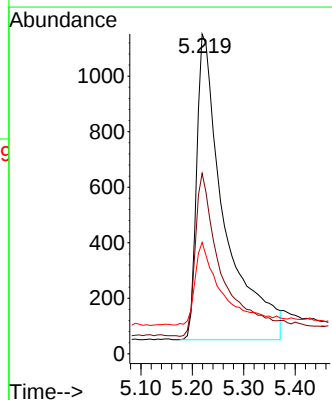
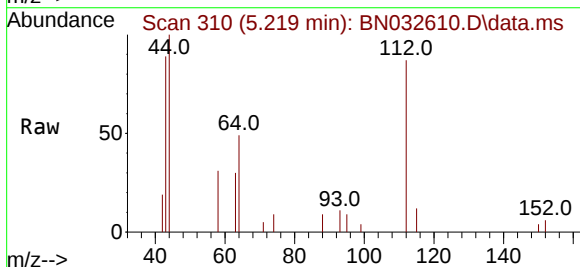
Instrument :
 BNA_N
 ClientSampleId :
 PB161970BL

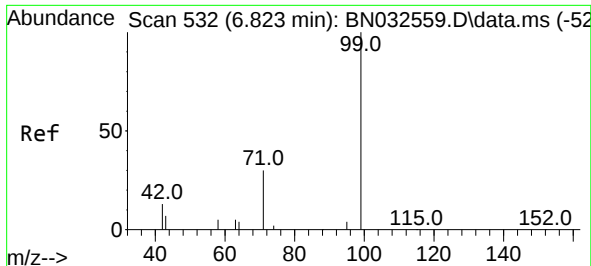
Tgt Ion:152 Resp: 3580
 Ion Ratio Lower Upper
 152 100
 150 147.7 121.6 182.4
 115 67.9 53.1 79.7



#4
 2-Fluorophenol
 Concen: 0.456 ng
 RT: 5.219 min Scan# 310
 Delta R.T. 0.007 min
 Lab File: BN032610.D
 Acq: 10 Jul 2024 10:00

Tgt Ion:112 Resp: 4128
 Ion Ratio Lower Upper
 112 100
 64 51.2 41.2 61.8
 63 26.3 21.6 32.4

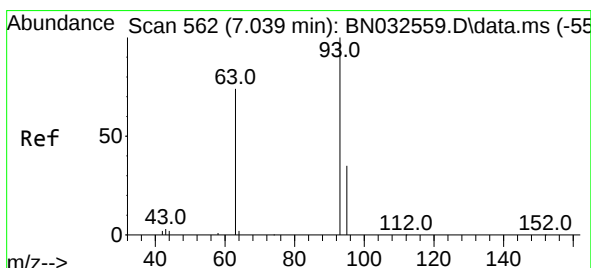
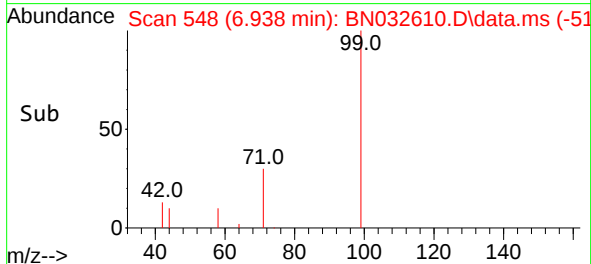
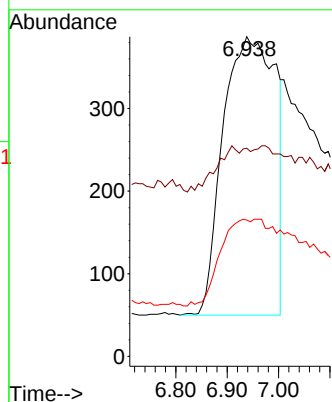
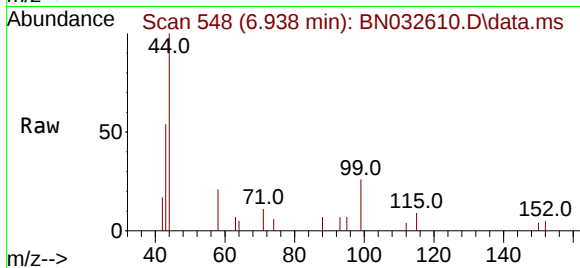




#5
Phenol-d6
Concen: 0.205 ng
RT: 6.938 min Scan# 54
Delta R.T. 0.115 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

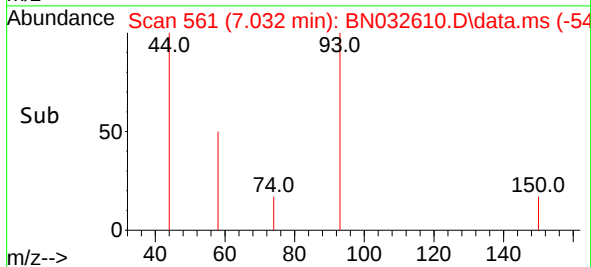
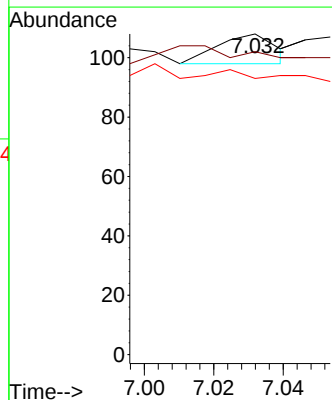
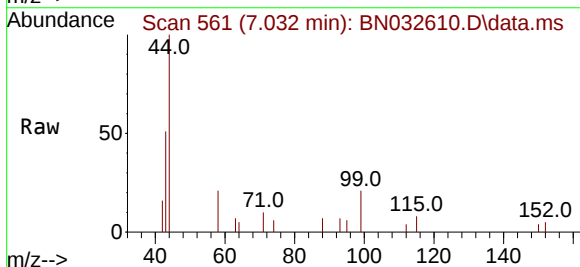
Instrument :
BNA_N
ClientSampleId :
PB161970BL

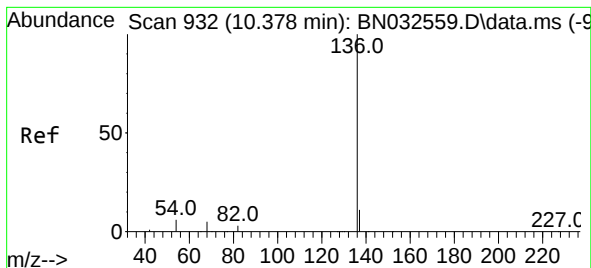
Tgt Ion: 99 Resp: 2367
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 18.2 25.2 37.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.087 ng
RT: 7.032 min Scan# 561
Delta R.T. -0.007 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

Tgt Ion: 93 Resp: 12
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 0.0 30.5 45.7#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.453 min Scan# 91

Delta R.T. 0.075 min

Lab File: BN032610.D

Acq: 10 Jul 2024 10:00

Instrument :

BNA_N

ClientSampleId :

PB161970BL

Tgt Ion:136 Resp: 10826

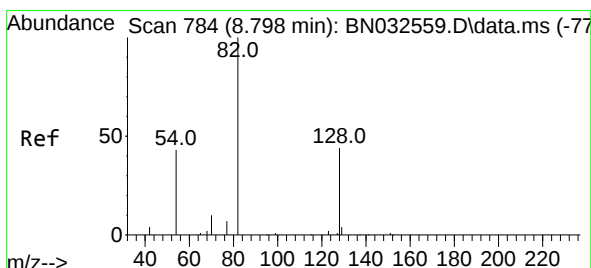
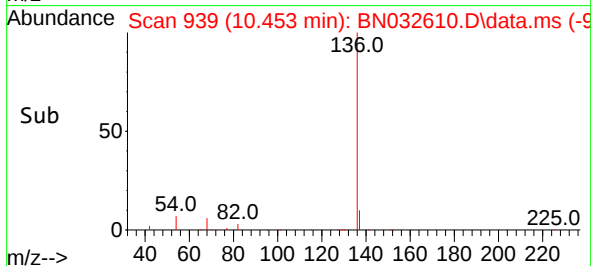
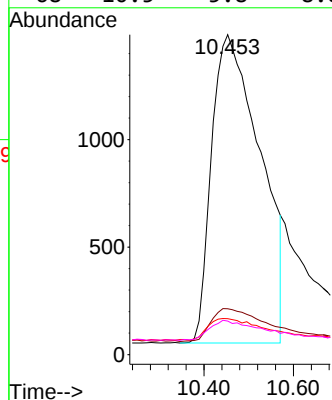
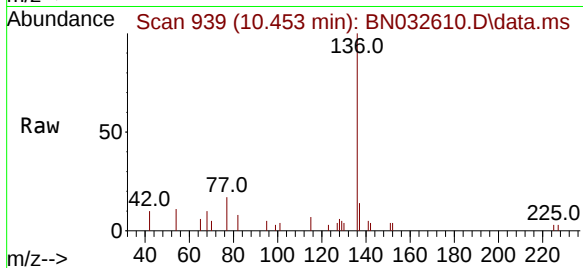
Ion Ratio Lower Upper

136 100

137 14.3 10.0 15.0

54 11.2 6.6 9.8#

68 10.5 5.8 8.8#



#8

Nitrobenzene-d5

Concen: 0.247 ng

RT: 8.947 min Scan# 798

Delta R.T. 0.149 min

Lab File: BN032610.D

Acq: 10 Jul 2024 10:00

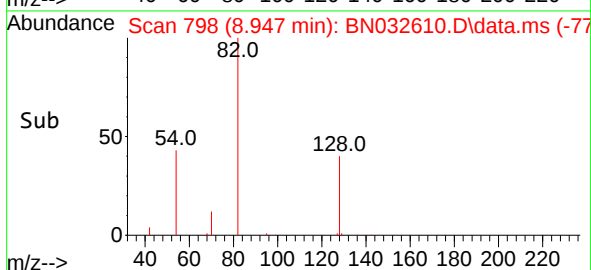
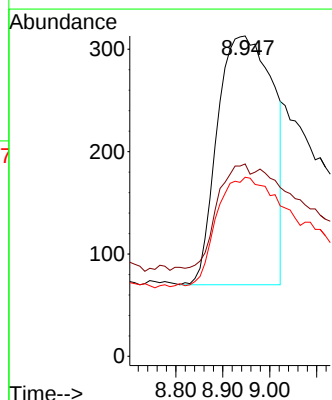
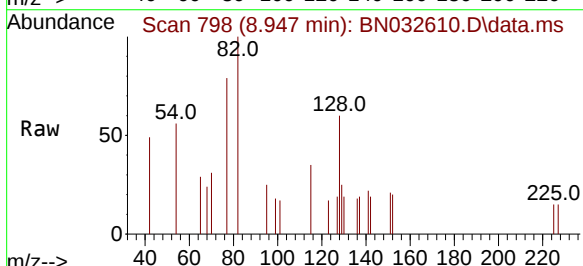
Tgt Ion: 82 Resp: 1994

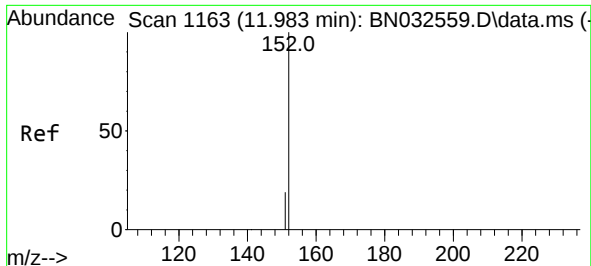
Ion Ratio Lower Upper

82 100

128 60.1 43.4 65.2

54 55.9 40.2 60.2

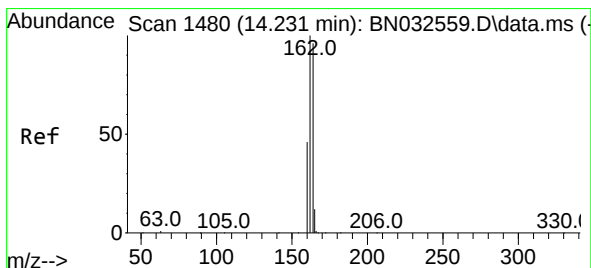
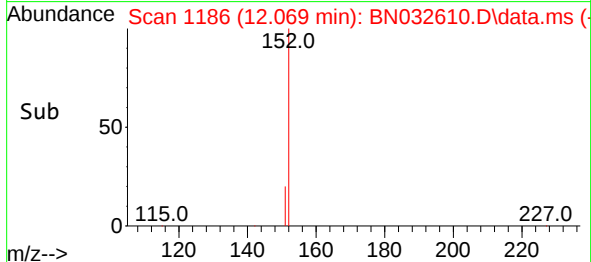
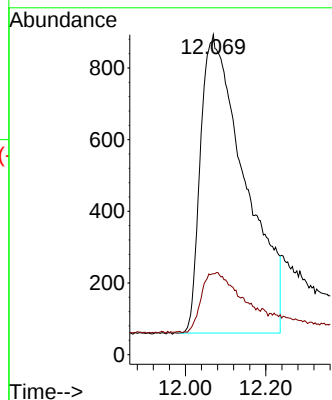
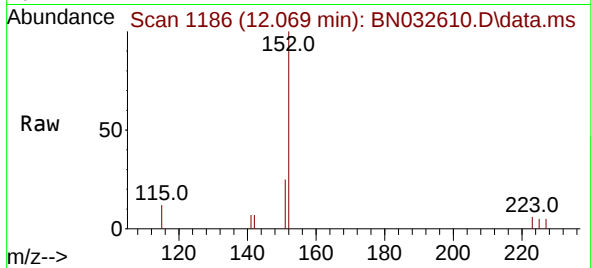




#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.069 min Scan# 1163
Delta R.T. 0.087 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

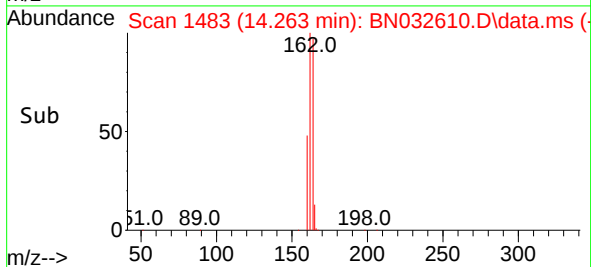
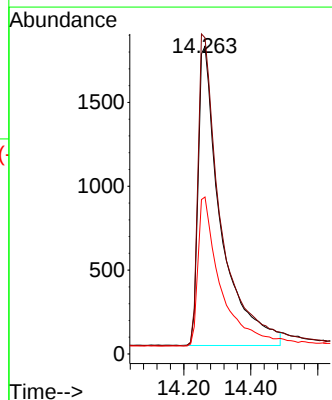
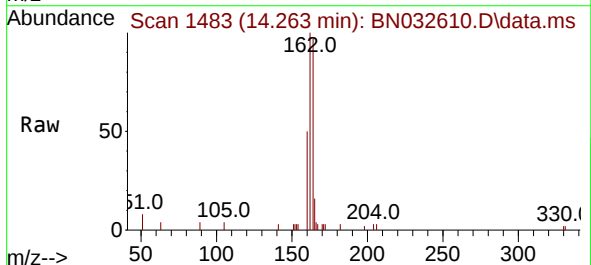
Instrument :
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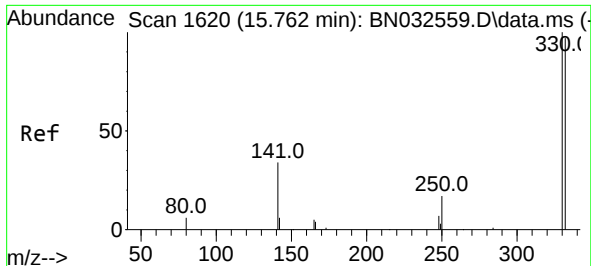
Tgt Ion:152 Resp: 6392
Ion Ratio Lower Upper
152 100
151 17.9 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.263 min Scan# 1483
Delta R.T. 0.032 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

Tgt Ion:164 Resp: 8386
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 51.0 38.6 57.8

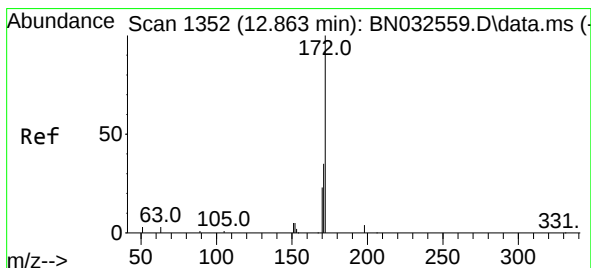
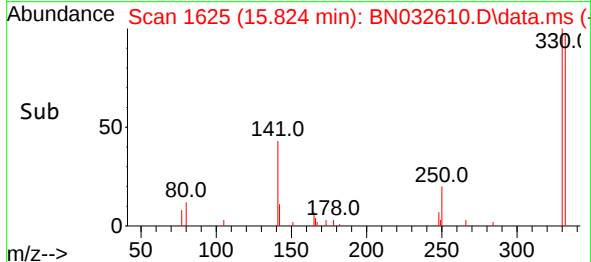
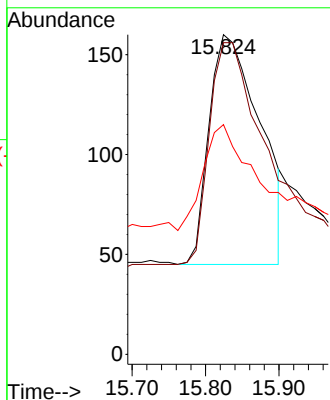
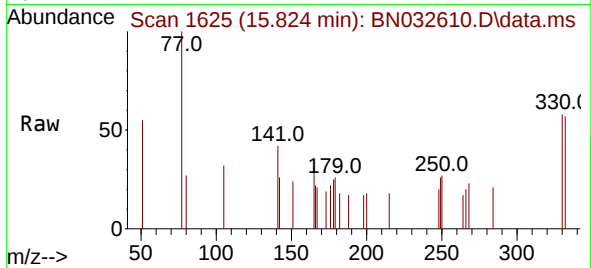




#14
2,4,6-Tribromophenol
Concen: 0.146 ng
RT: 15.824 min Scan# 1
Delta R.T. 0.062 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

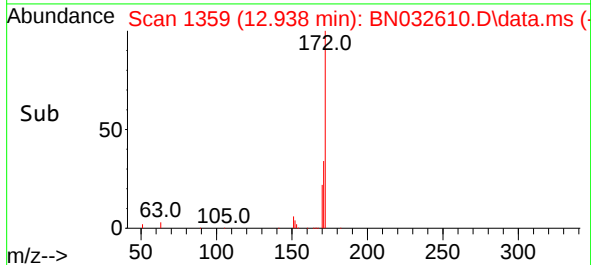
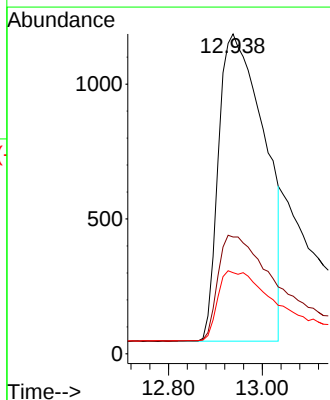
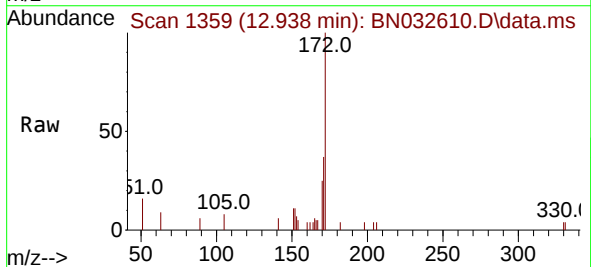
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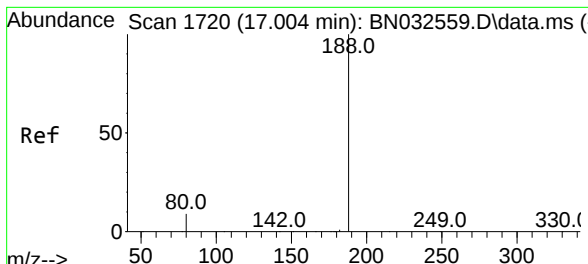
Tgt Ion:330 Resp: 554
Ion Ratio Lower Upper
330 100
332 94.6 77.7 116.5
141 39.2 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 12.938 min Scan# 1359
Delta R.T. 0.075 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

Tgt Ion:172 Resp: 7699
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 25.4 19.2 28.8

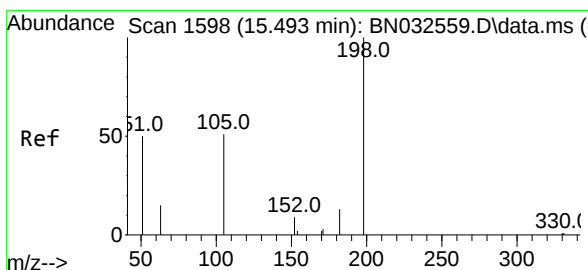
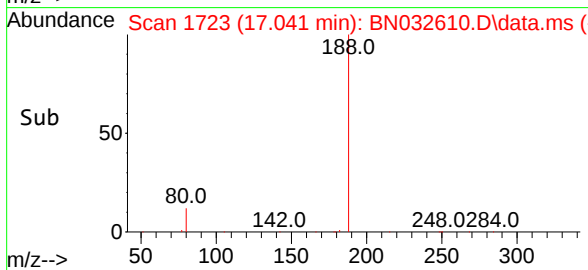
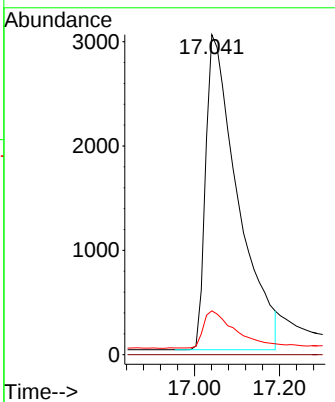
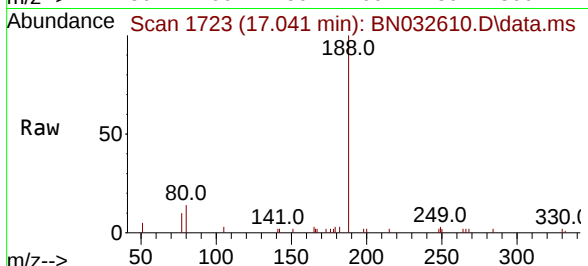




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.041 min Scan# 11
 Delta R.T. 0.037 min
 Lab File: BN032610.D
 Acq: 10 Jul 2024 10:00

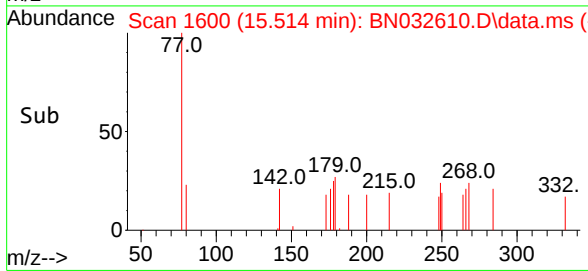
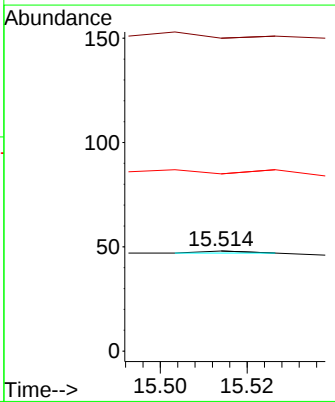
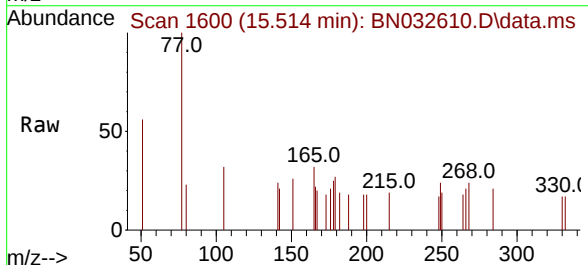
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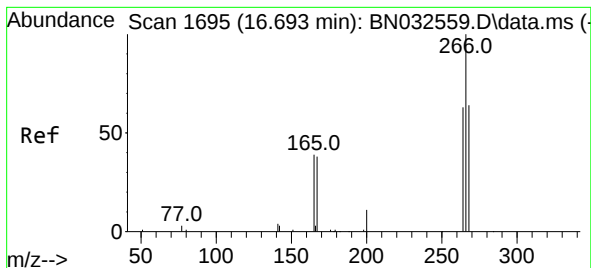
Tgt Ion:188	Resp:	15791
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	13.7	7.8



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.197 ng
 RT: 15.514 min Scan# 1600
 Delta R.T. 0.021 min
 Lab File: BN032610.D
 Acq: 10 Jul 2024 10:00

Tgt Ion:198	Resp:	1
Ion Ratio	Lower	Upper
198	100	
51	312.5	123.4
105	177.1	79.5

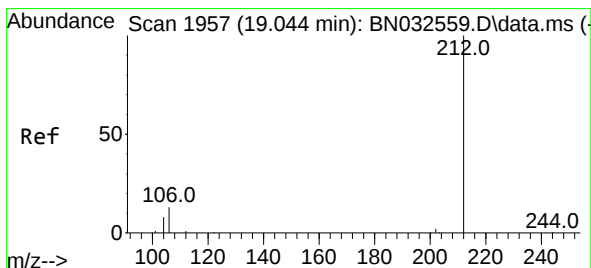
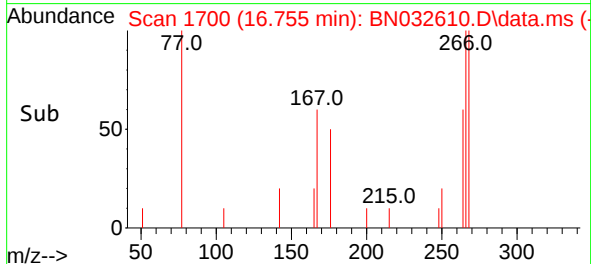
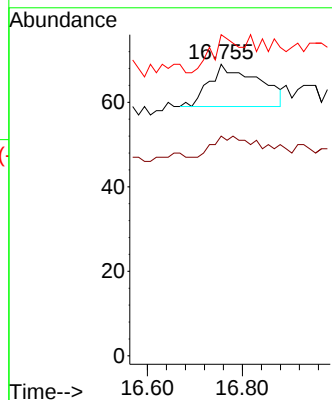
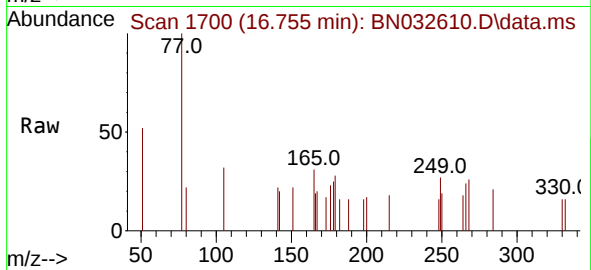




#24
Pentachlorophenol
Concen: 0.183 ng
RT: 16.755 min Scan# 11
Delta R.T. 0.062 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

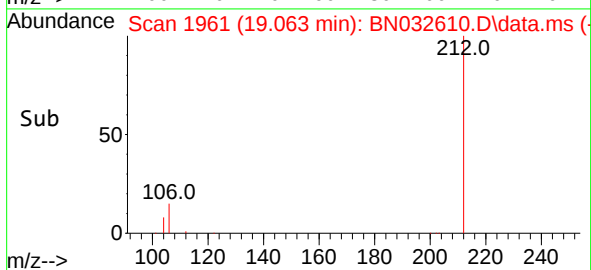
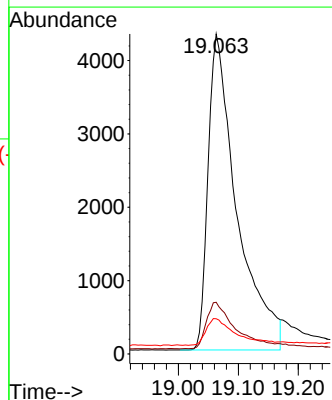
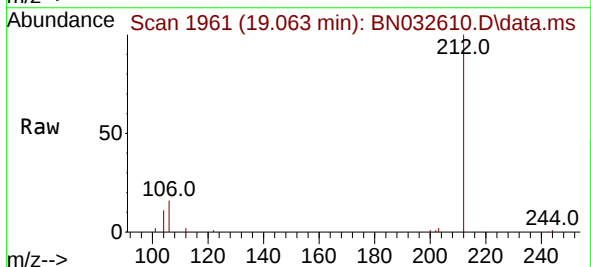
Instrument :
BNA_N
ClientSampleId :
PB161970BL

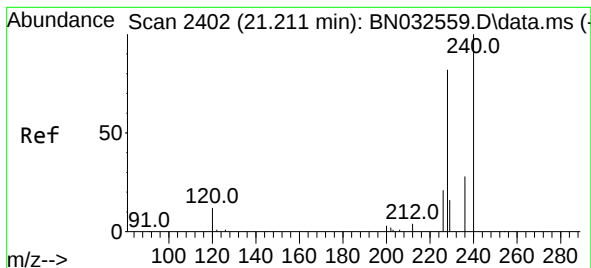
Tgt Ion:266 Resp: 71
Ion Ratio Lower Upper
266 100
264 45.1 49.6 74.4#
268 45.1 52.2 78.2#



#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.063 min Scan# 1961
Delta R.T. 0.018 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

Tgt Ion:212 Resp: 14367
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.8
104 8.9 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.238 min Scan# 2405

Delta R.T. 0.027 min

Lab File: BN032610.D

Acq: 10 Jul 2024 10:00

Instrument :

BNA_N

ClientSampleId :

PB161970BL

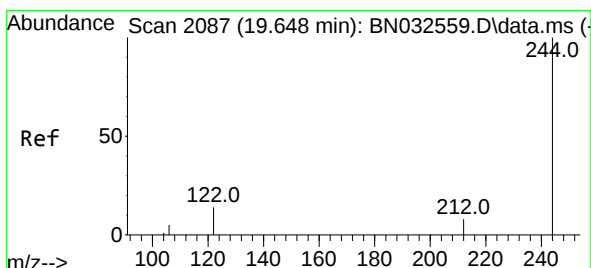
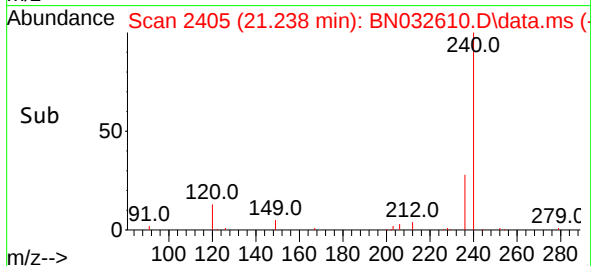
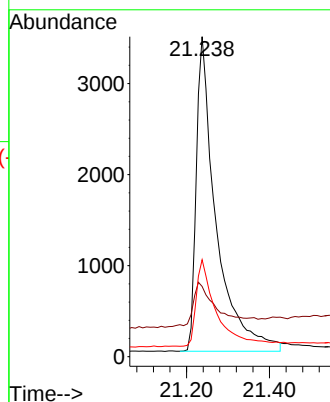
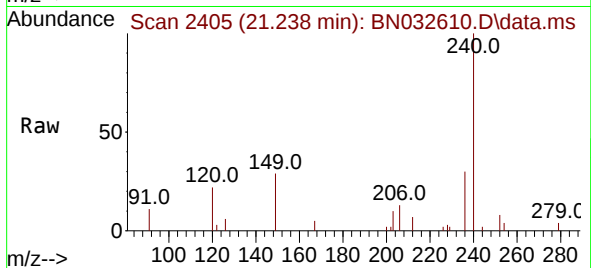
Tgt Ion:240 Resp: 11470

Ion Ratio Lower Upper

240 100

120 22.0 13.0 19.4#

236 30.3 23.1 34.7



#31

Terphenyl-d14

Concen: 0.378 ng

RT: 19.658 min Scan# 2089

Delta R.T. 0.009 min

Lab File: BN032610.D

Acq: 10 Jul 2024 10:00

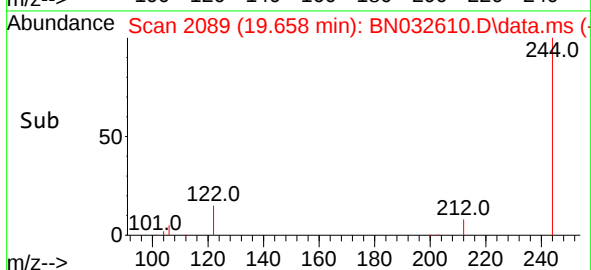
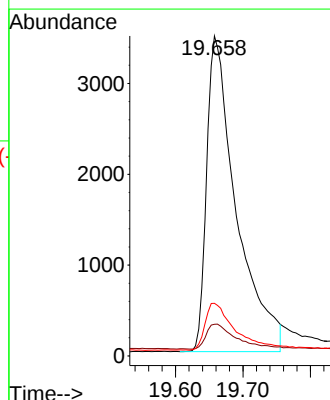
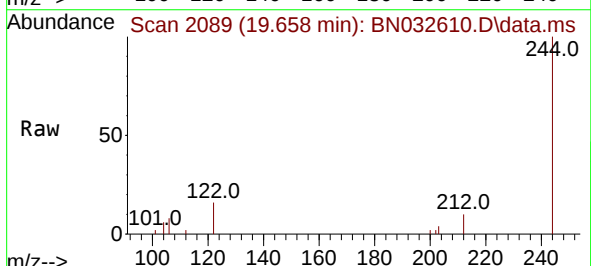
Tgt Ion:244 Resp: 10588

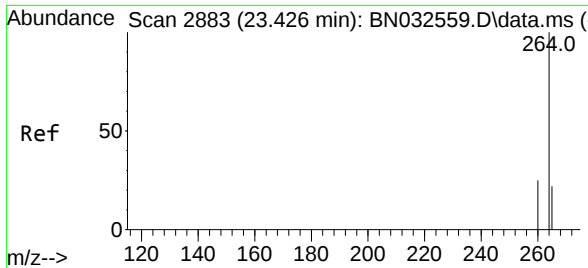
Ion Ratio Lower Upper

244 100

212 9.9 7.2 10.8

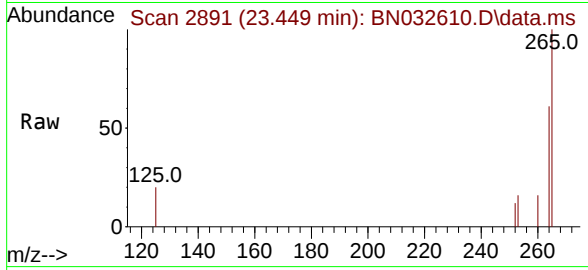
122 16.4 12.1 18.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.449 min Scan# 21
Delta R.T. 0.023 min
Lab File: BN032610.D
Acq: 10 Jul 2024 10:00

Instrument :
BNA_N
ClientSampleId :
PB161970BL



Tgt Ion:264 Resp: 11598

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.0	31.6
265	163.1	76.6	115.0#

