

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035760.D
 Acq On : 21 Dec 2024 02:10
 Operator : RC/JU
 Sample : P5317-13
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01S-20241217

Quant Time: Dec 21 03:33:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

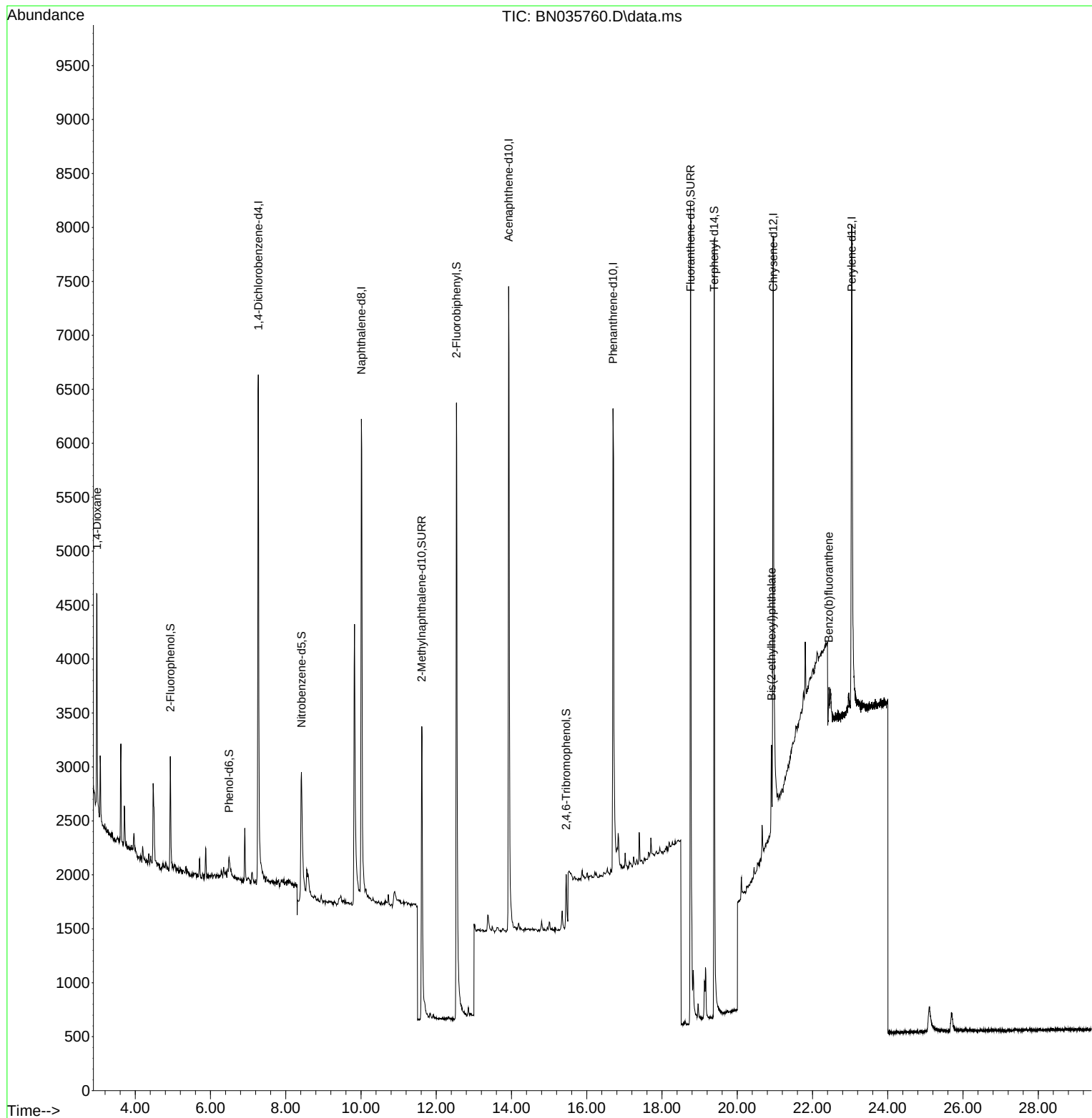
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	2910	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7560	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	4294	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8049	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	6954	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	7204	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	918	0.126	ng	0.00
5) Phenol-d6	6.492	99	497	0.057	ng	0.00
8) Nitrobenzene-d5	8.418	82	2296	0.497	ng	0.01
11) 2-Methylnaphthalene-d10	11.615	152	5143	0.435	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	637	0.209	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	7285	0.449	ng	0.00
27) Fluoranthene-d10	18.761	212	10801	0.473	ng	0.00
31) Terphenyl-d14	19.388	244	8635	0.629	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	1567	0.563	ng	94
34) Bis(2-ethylhexyl)phtha...	20.911	149	894	0.093	ng	# 96
37) Benzo(b)fluoranthene	22.436	252	549	0.021	ng	# 1

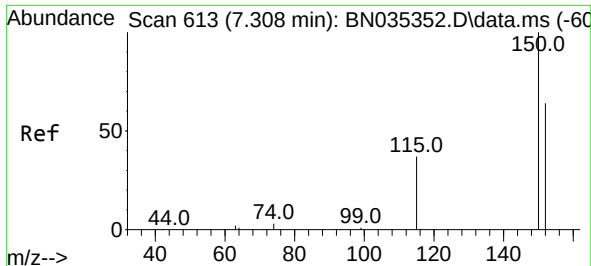
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

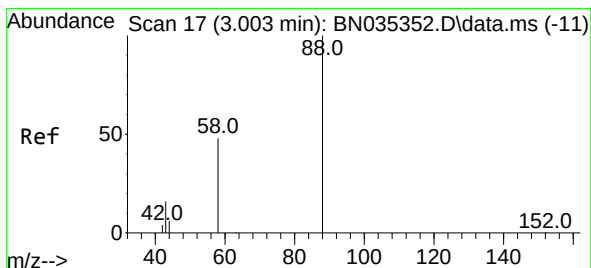
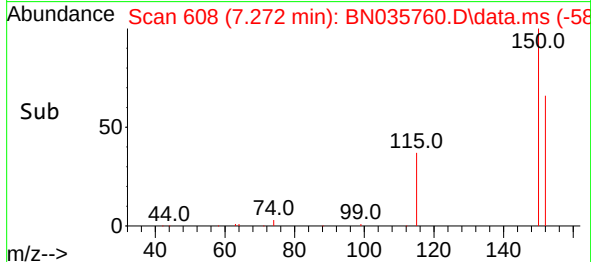
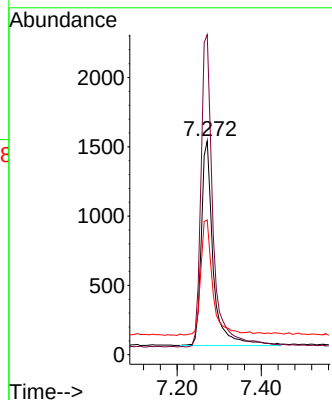
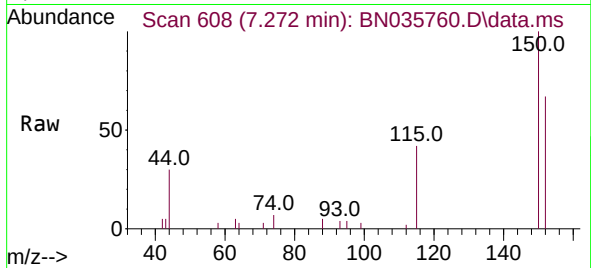




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

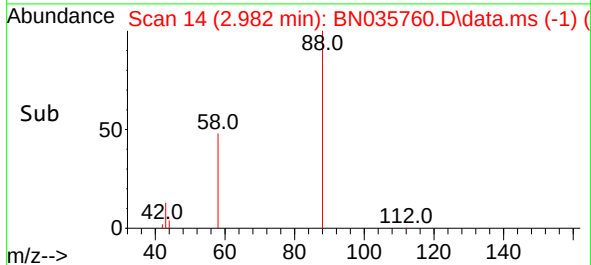
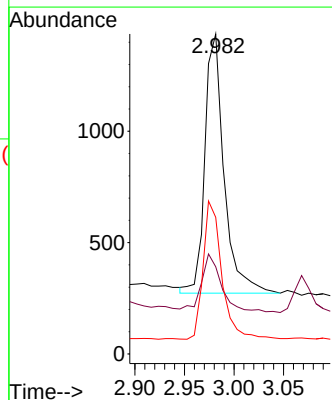
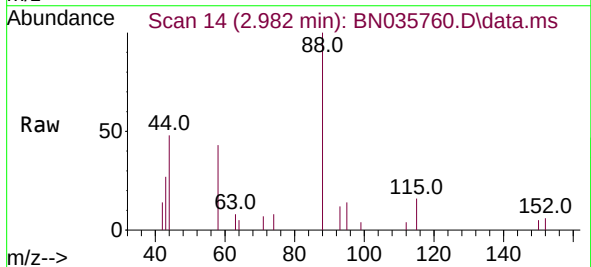
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20241217

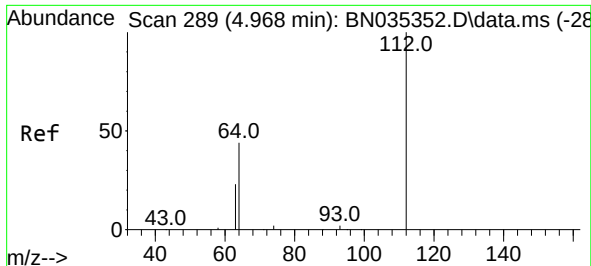
Tgt Ion:152 Resp: 2910
Ion Ratio Lower Upper
152 100
150 149.6 124.0 186.0
115 63.0 49.6 74.4



#2
1,4-Dioxane
Concen: 0.563 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

Tgt Ion: 88 Resp: 1567
Ion Ratio Lower Upper
88 100
43 24.2 17.2 25.8
58 51.6 44.5 66.7

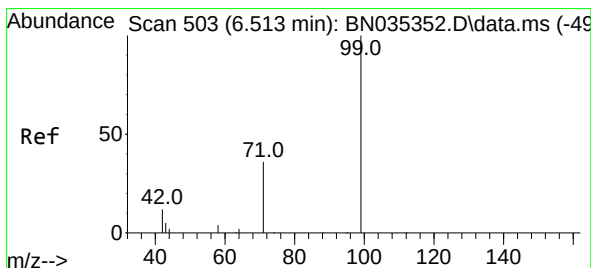
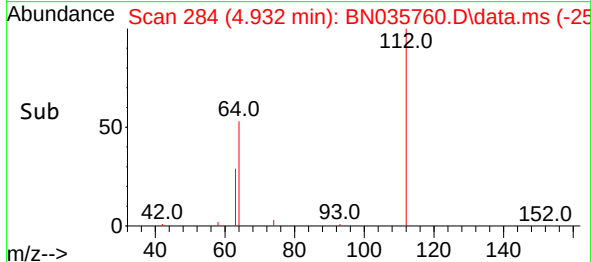
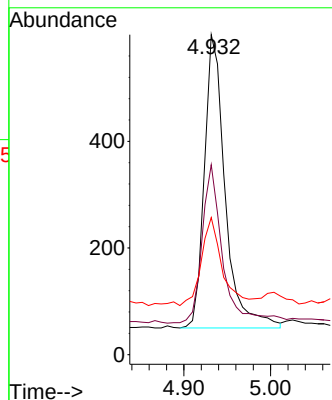
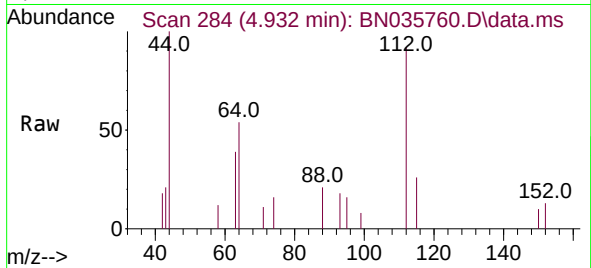




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

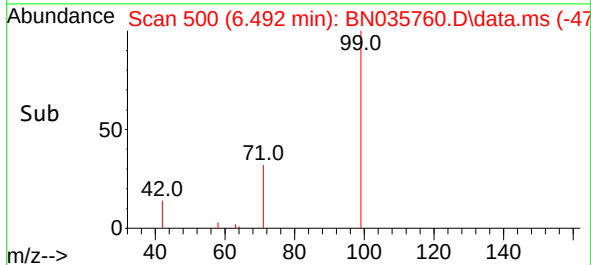
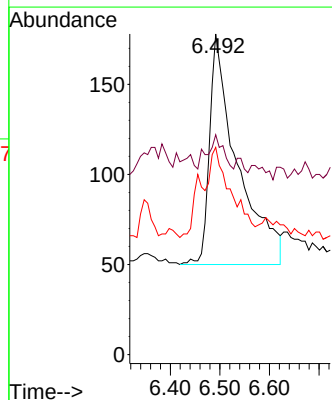
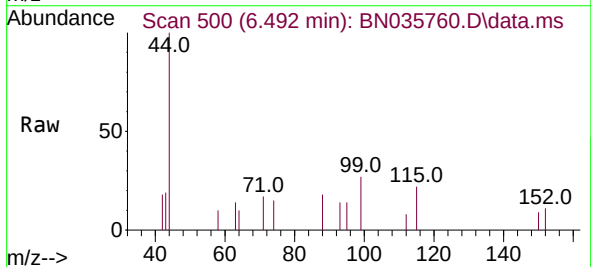
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20241217

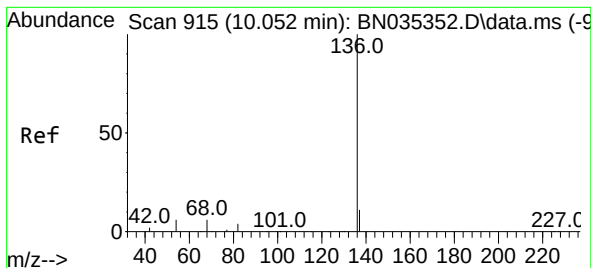
Tgt Ion:	112	Resp:	918
Ion	Ratio	Lower	Upper
112	100		
64	56.3	39.8	59.8
63	30.4	21.0	31.6



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

Tgt Ion:	99	Resp:	497
Ion	Ratio	Lower	Upper
99	100		
42	11.5	11.4	17.2
71	29.2	29.3	43.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.009 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN035760.D

Acq: 21 Dec 2024 02:10

Instrument :

BNA_N

ClientSampleId :

RW9-MW01S-20241217

Tgt Ion:136 Resp: 7560

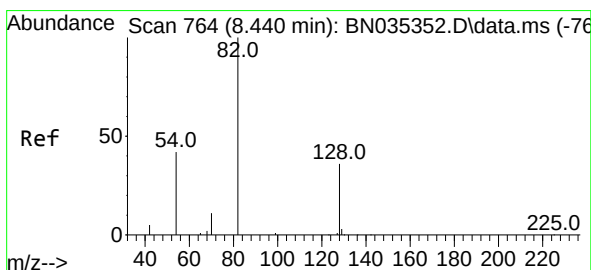
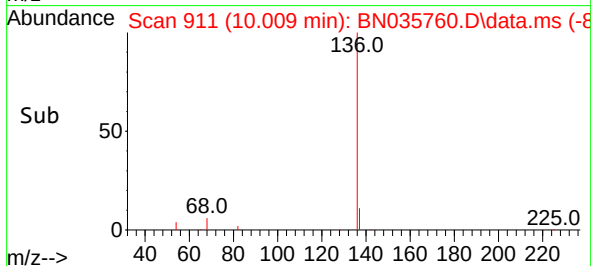
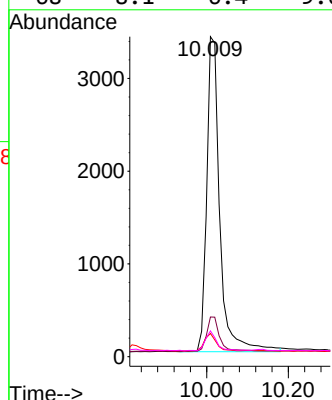
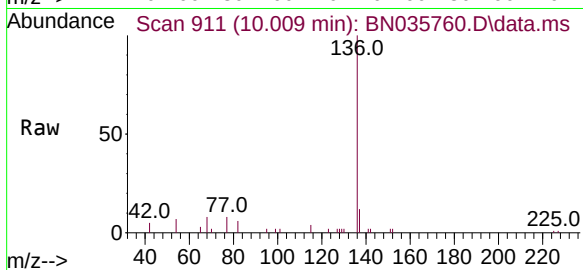
Ion Ratio Lower Upper

136 100

137 12.4 10.2 15.2

54 7.2 6.1 9.1

68 8.1 6.4 9.6



#8

Nitrobenzene-d5

Concen: 0.497 ng

RT: 8.418 min Scan# 762

Delta R.T. 0.010 min

Lab File: BN035760.D

Acq: 21 Dec 2024 02:10

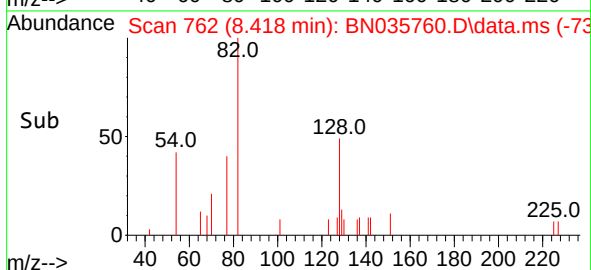
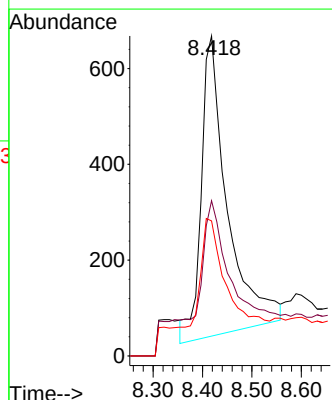
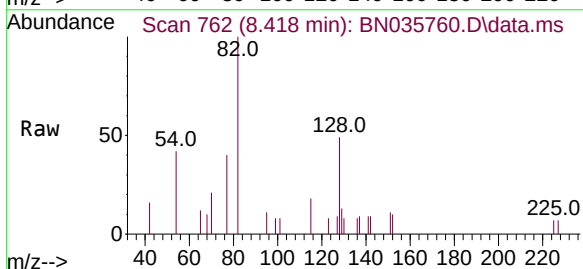
Tgt Ion: 82 Resp: 2296

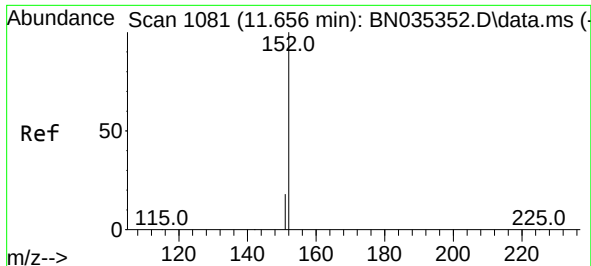
Ion Ratio Lower Upper

82 100

128 48.5 33.4 50.0

54 42.2 36.7 55.1

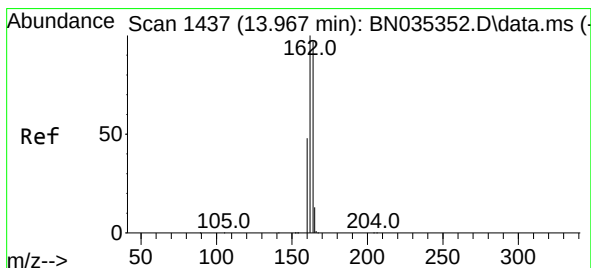
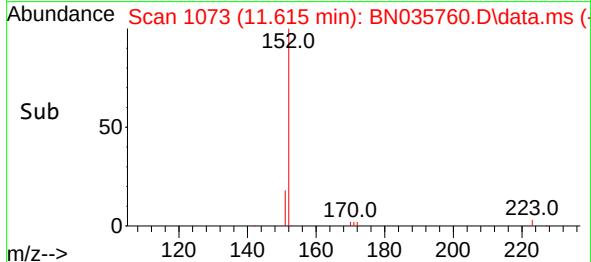
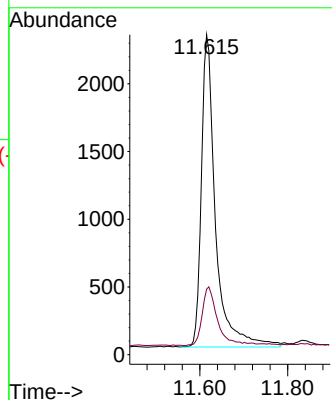
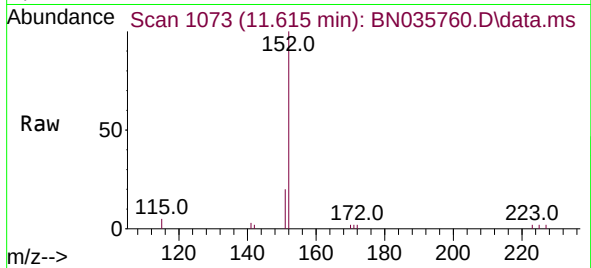




#11
2-Methylnaphthalene-d10
Concen: 0.435 ng
RT: 11.615 min Scan# 1081
Delta R.T. -0.005 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

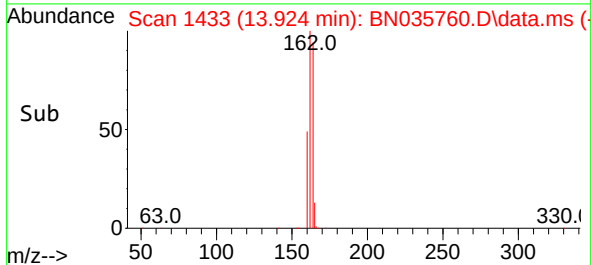
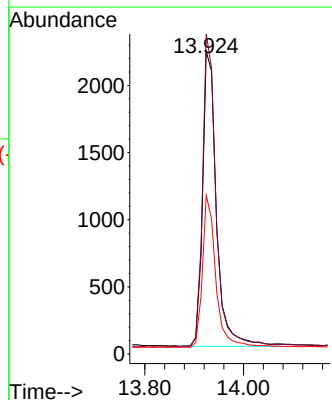
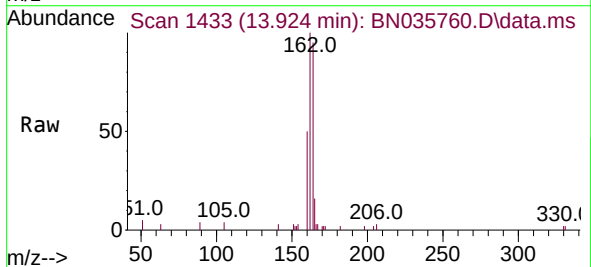
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20241217

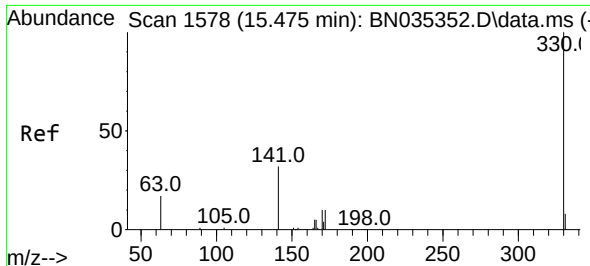
Tgt Ion:152 Resp: 5143
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

Tgt Ion:164 Resp: 4294
Ion Ratio Lower Upper
164 100
162 105.8 82.2 123.2
160 52.4 40.1 60.1

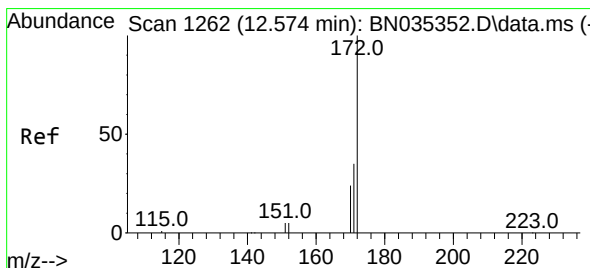
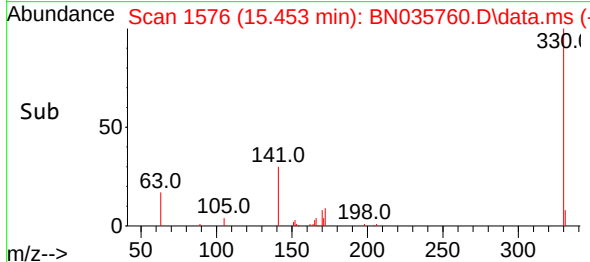
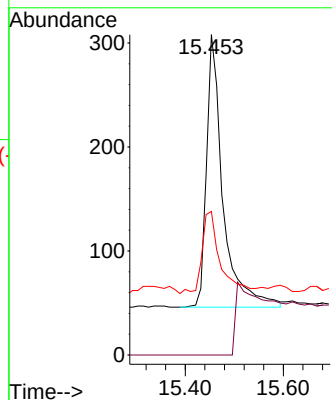
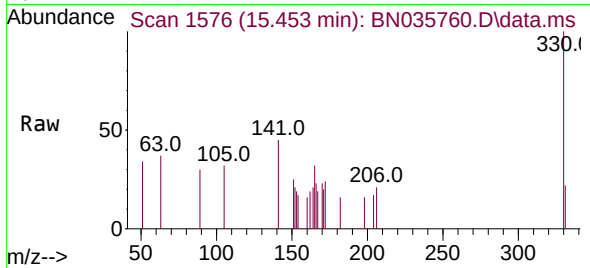




#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

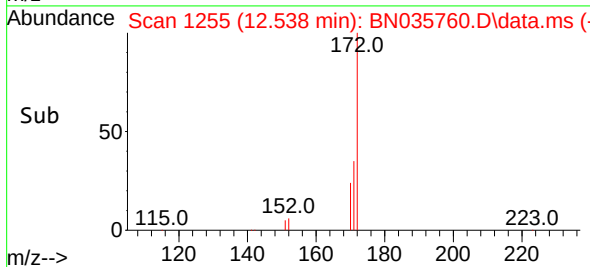
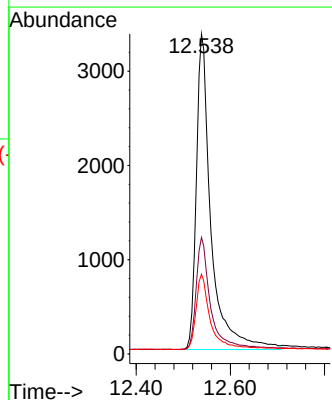
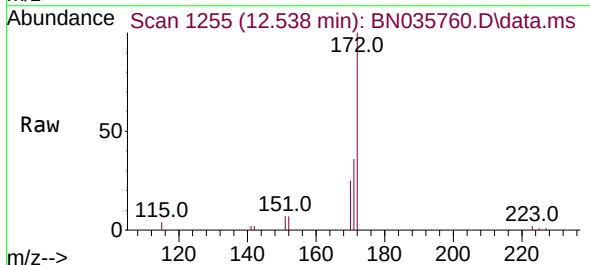
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20241217

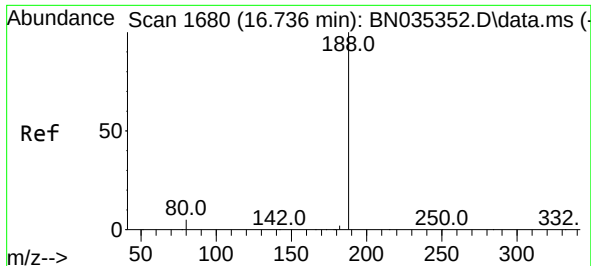
Tgt Ion:330 Resp: 637
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.0 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 12.538 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

Tgt Ion:172 Resp: 7285
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.9 19.8 29.8

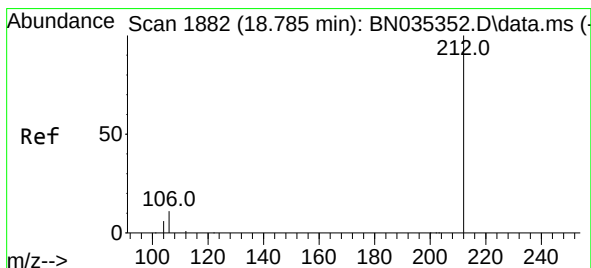
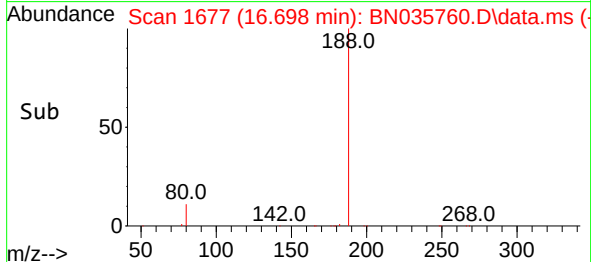
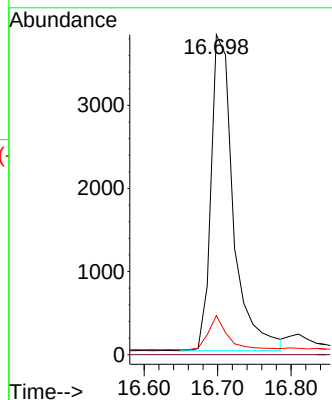
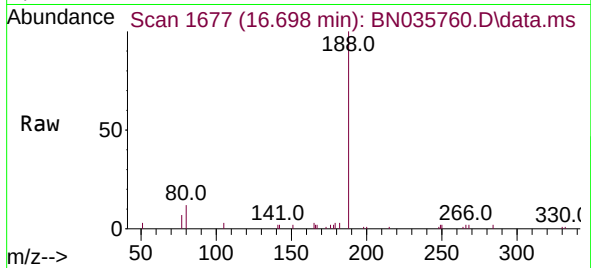




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

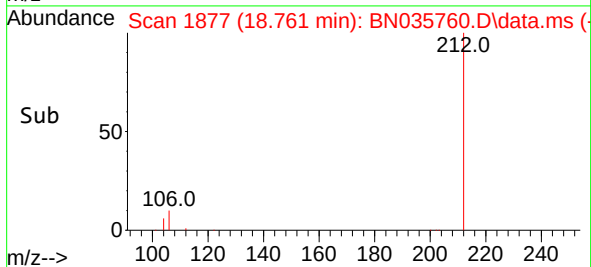
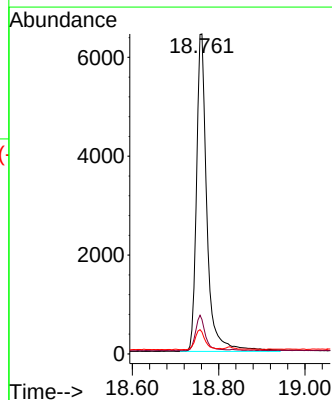
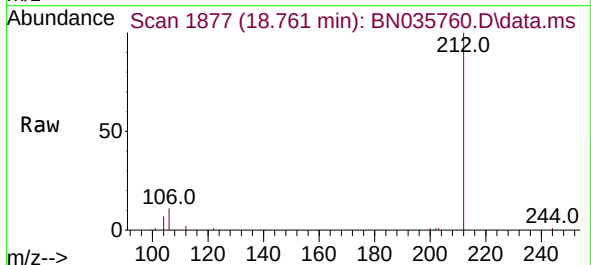
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20241217

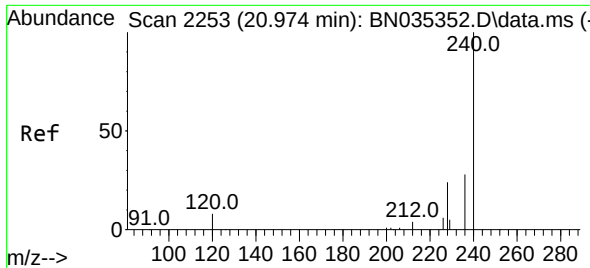
Tgt Ion:188 Resp: 8049
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 4.6 6.8#



#27
Fluoranthene-d10
Concen: 0.473 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

Tgt Ion:212 Resp: 10801
Ion Ratio Lower Upper
212 100
106 10.6 9.2 13.8
104 6.1 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.956 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN035760.D

Acq: 21 Dec 2024 02:10

Instrument :

BNA_N

ClientSampleId :

RW9-MW01S-20241217

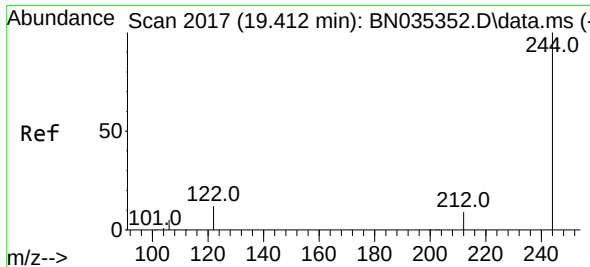
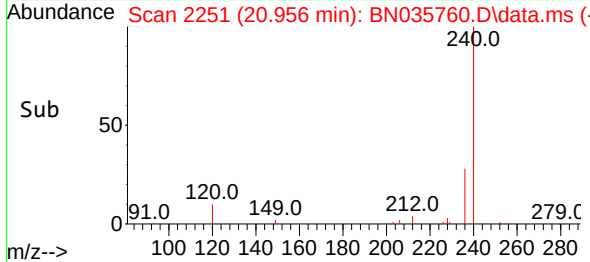
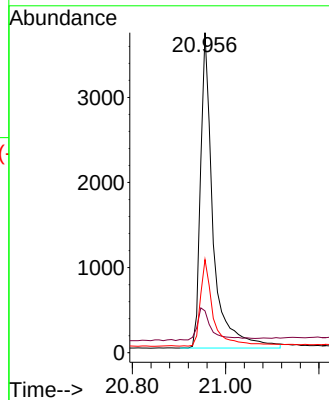
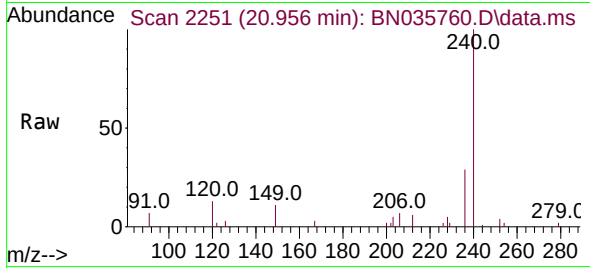
Tgt Ion:240 Resp: 6954

Ion Ratio Lower Upper

240 100

120 13.0 7.9 11.9#

236 29.1 22.9 34.3



#31

Terphenyl-d14

Concen: 0.629 ng

RT: 19.388 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BN035760.D

Acq: 21 Dec 2024 02:10

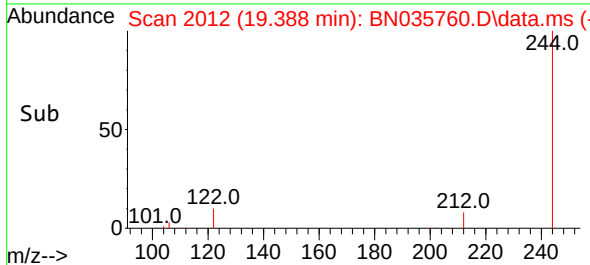
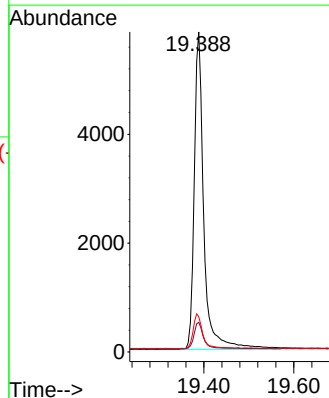
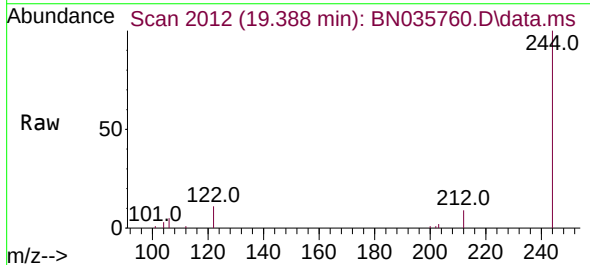
Tgt Ion:244 Resp: 8635

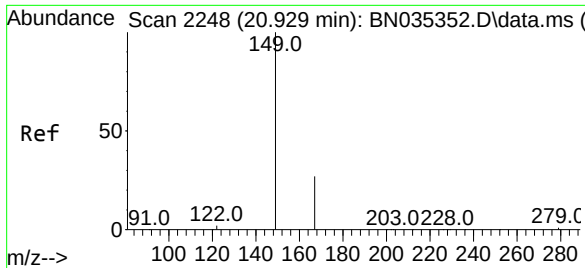
Ion Ratio Lower Upper

244 100

212 9.2 8.1 12.1

122 11.0 10.3 15.5

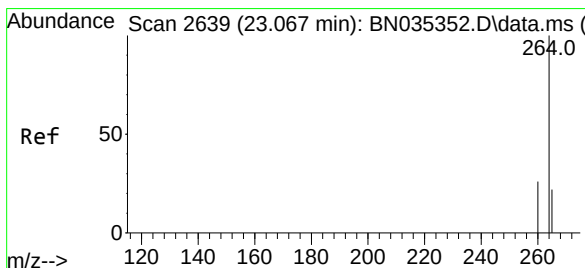
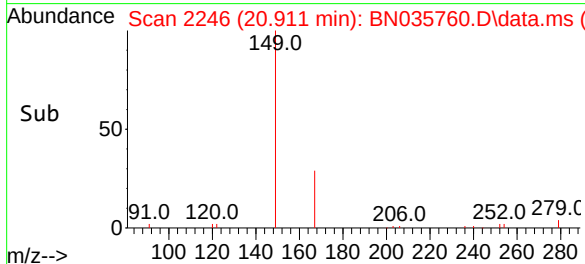
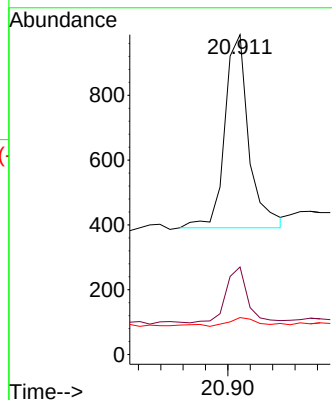
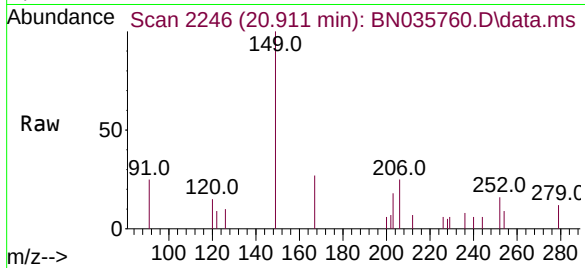




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 20.911 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

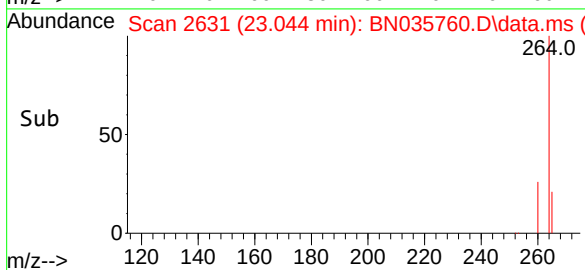
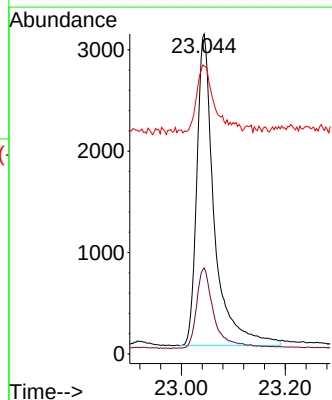
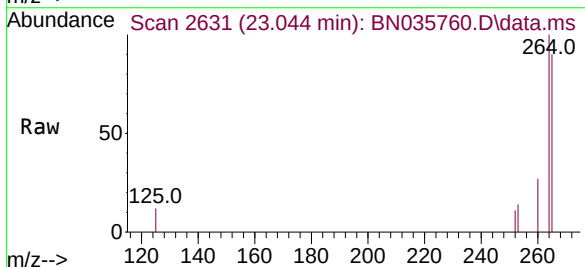
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20241217

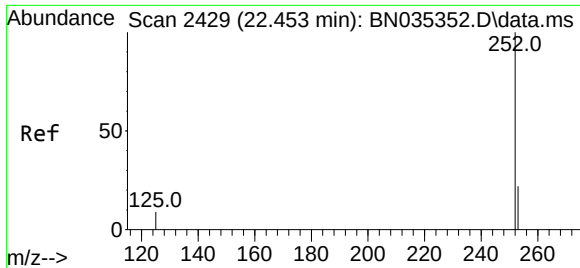
Tgt Ion:149 Resp: 894
Ion Ratio Lower Upper
149 100
167 26.0 22.2 33.4
279 5.1 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.044 min Scan# 2631
Delta R.T. 0.003 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

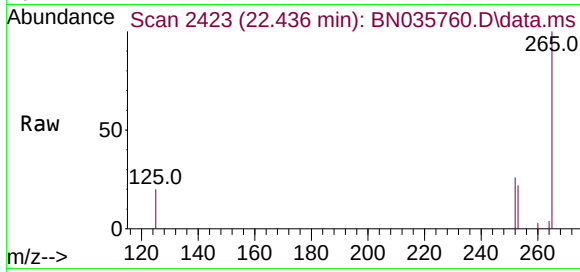
Tgt Ion:264 Resp: 7204
Ion Ratio Lower Upper
264 100
260 26.9 21.4 32.2
265 90.1 40.2 60.4#





#37
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 22.436 min Scan# 24
Delta R.T. 0.006 min
Lab File: BN035760.D
Acq: 21 Dec 2024 02:10

Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20241217



Tgt Ion:252	Resp:	549
Ion	Ratio	Lower Upper
252	100	
253	85.1	19.6 29.4#
125	75.9	9.6 14.4#

