

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028975.D
 Acq On : 02 Dec 2023 09:14
 Operator : MA/JU
 Sample : 05403-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D2-20231111

Quant Time: Dec 03 08:12:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

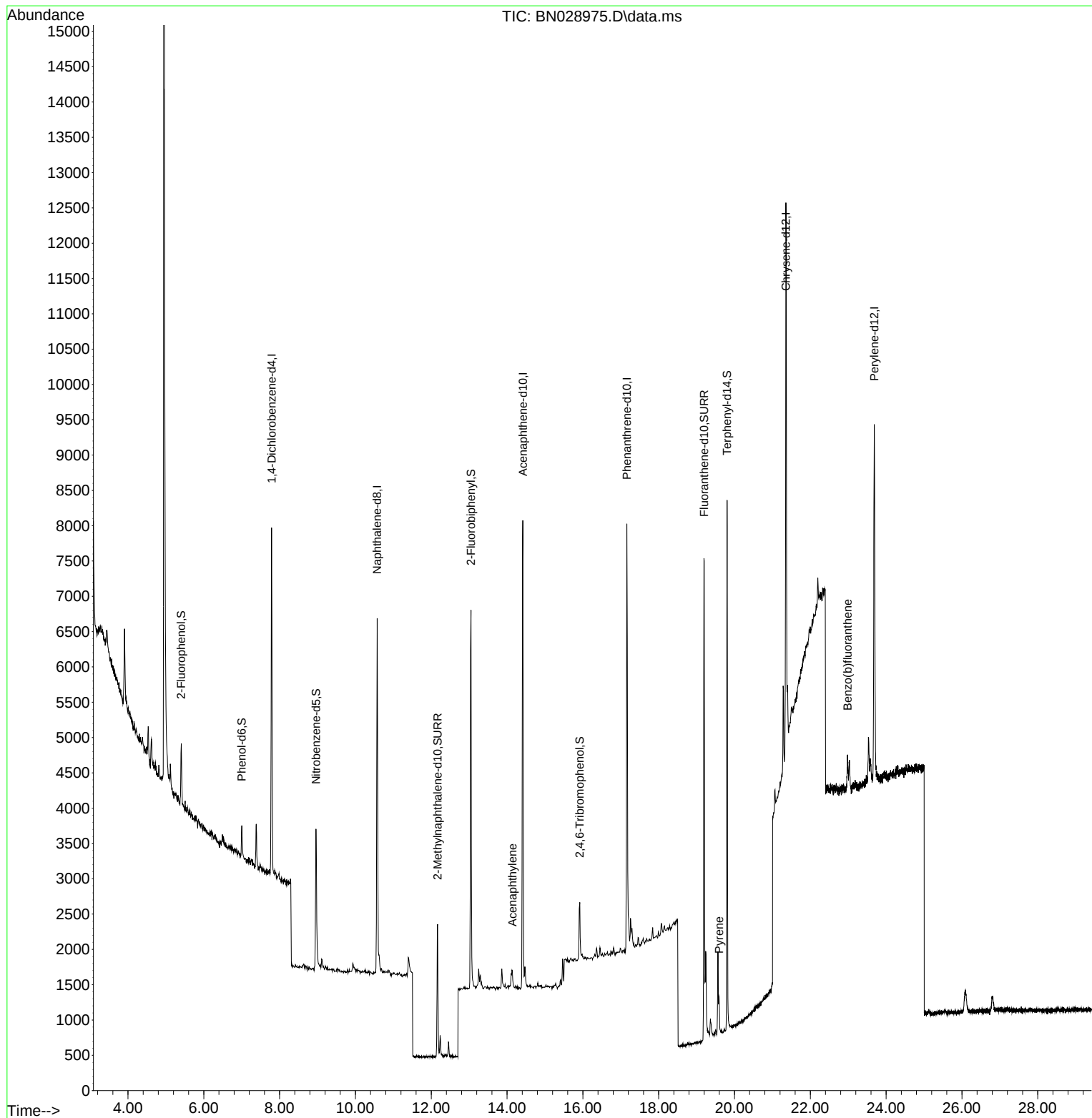
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2327	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	6778	0.400	ng	-0.01
13) Acenaphthene-d10	14.418	164	4150	0.400	ng	0.00
19) Phenanthrene-d10	17.159	188	9070	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	7766	0.400	ng	#-0.02
35) Perylene-d12	23.690	264	7269	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	650	0.092	ng	0.00
5) Phenol-d6	7.002	99	446	0.057	ng	0.00
8) Nitrobenzene-d5	8.961	82	1880	0.279	ng	-0.01
11) 2-Methylnaphthalene-d10	12.166	152	2711	0.249	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	620	0.221	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	4975	0.278	ng	0.00
27) Fluoranthene-d10	19.199	212	8017	0.336	ng	0.00
31) Terphenyl-d14	19.803	244	7766	0.369	ng	-0.01
Target Compounds						
16) Acenaphthylene	14.140	152	476	0.022	ng	# 94
30) Pyrene	19.594	202	489	0.102	ng	# 94
37) Benzo(b)fluoranthene	22.985	252	612	0.021	ng	# 83

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

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RW8-MW01D2-20231111

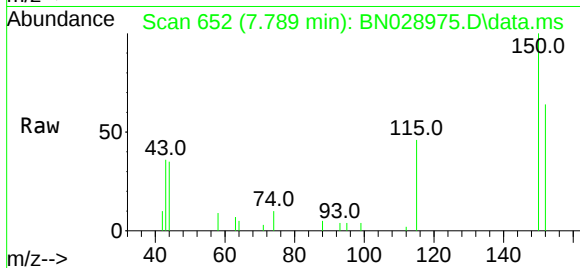
Quant Time: Dec 03 08:12:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



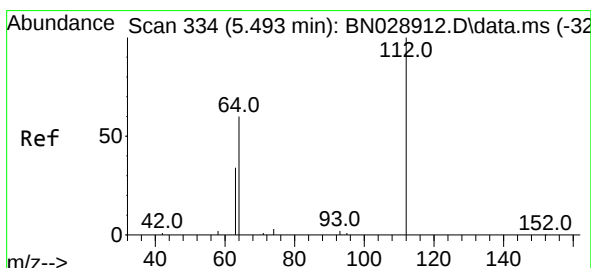
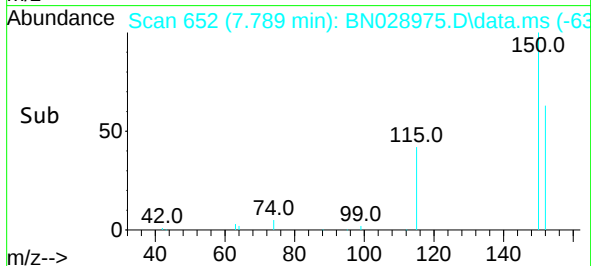
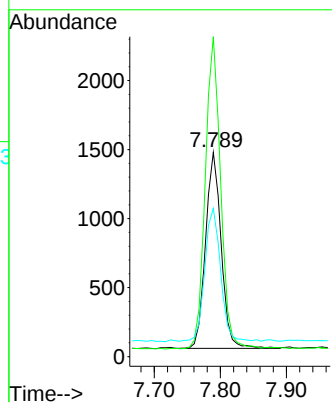


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN028975.D
Acq: 02 Dec 2023 09:14

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20231111

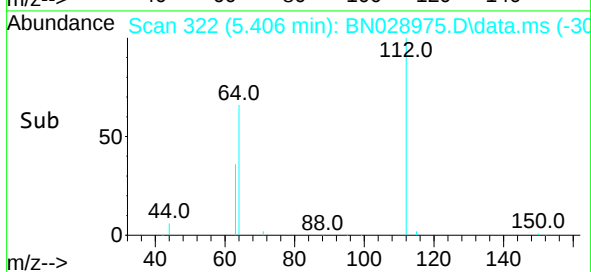
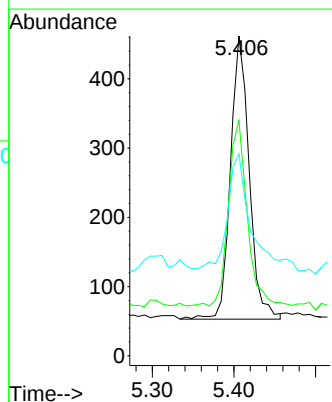
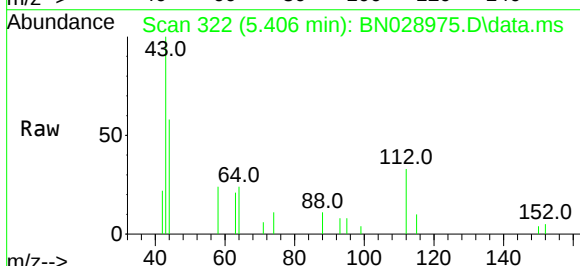


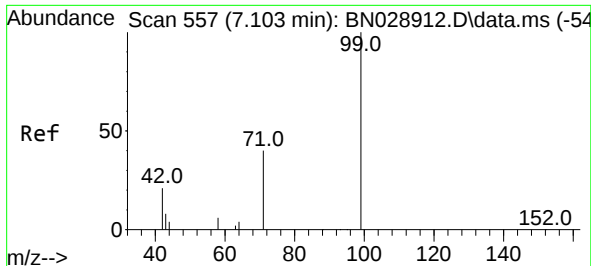
Tgt Ion:152 Resp: 2327
Ion Ratio Lower Upper
152 100
150 156.6 123.4 185.2
115 72.5 59.1 88.7



#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN028975.D
Acq: 02 Dec 2023 09:14

Tgt Ion:112 Resp: 650
Ion Ratio Lower Upper
112 100
64 65.4 51.5 77.3
63 51.4 30.4 45.6#

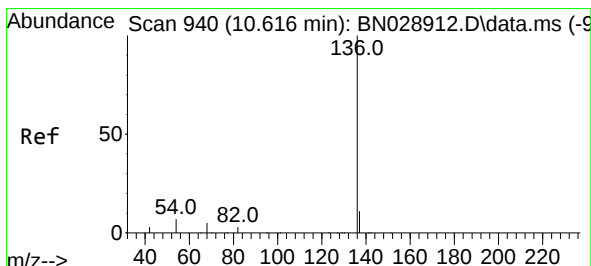
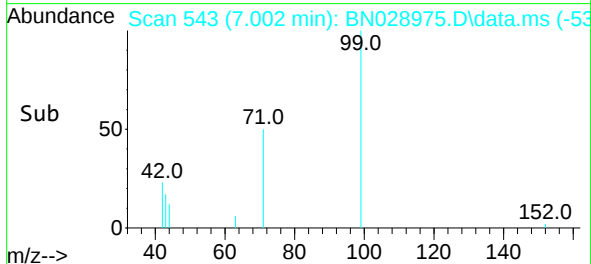
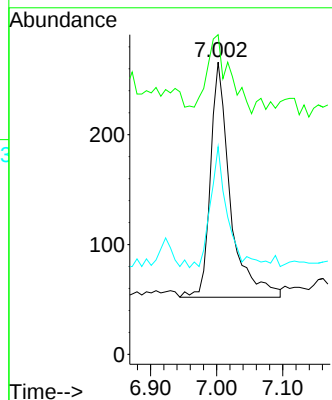
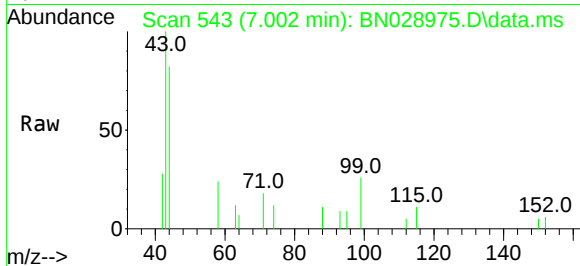




#5
Phenol-d6
Concen: 0.057 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN028975.D
Acq: 02 Dec 2023 09:14

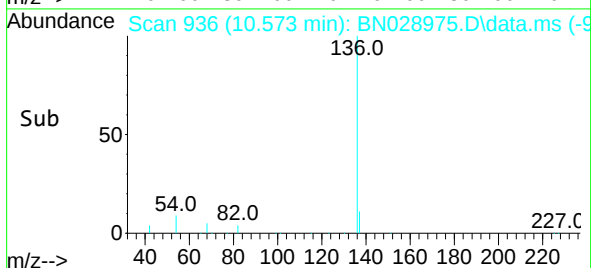
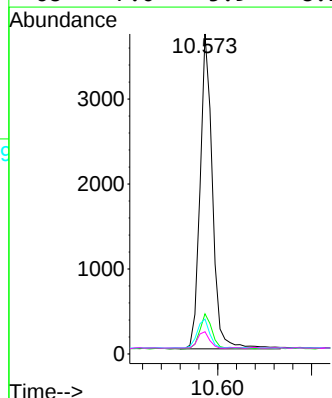
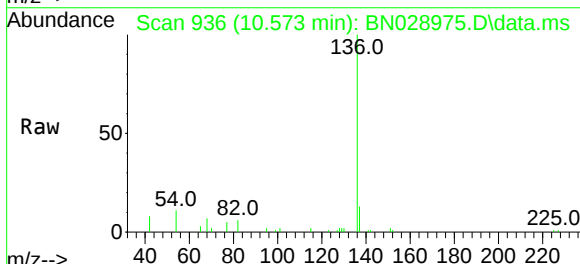
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20231111

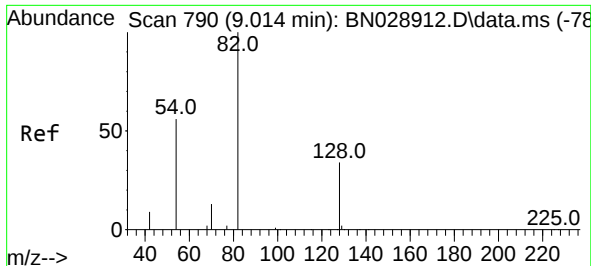
Tgt Ion: 99 Resp: 446
Ion Ratio Lower Upper
99 100
42 37.9 21.2 31.8#
71 44.2 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN028975.D
Acq: 02 Dec 2023 09:14

Tgt Ion: 136 Resp: 6778
Ion Ratio Lower Upper
136 100
137 12.5 10.6 16.0
54 10.9 7.5 11.3
68 7.0 5.9 8.9

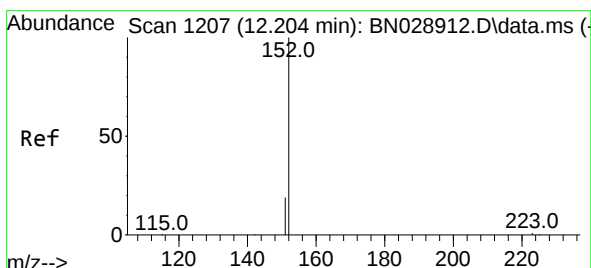
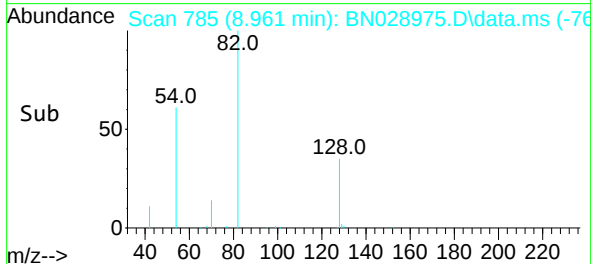
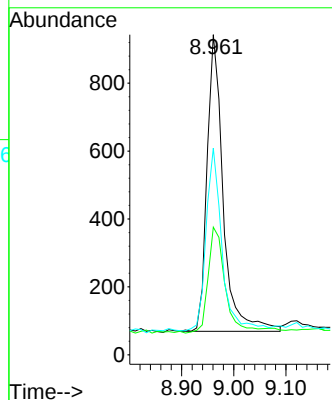
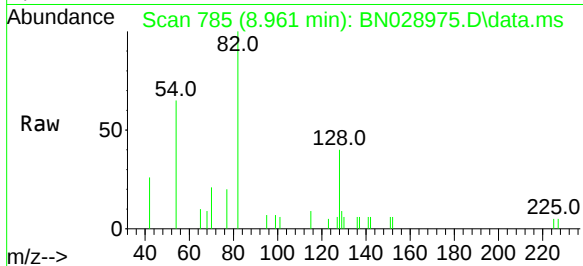




#8
 Nitrobenzene-d5
 Concen: 0.279 ng
 RT: 8.961 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN028975.D
 Acq: 02 Dec 2023 09:14

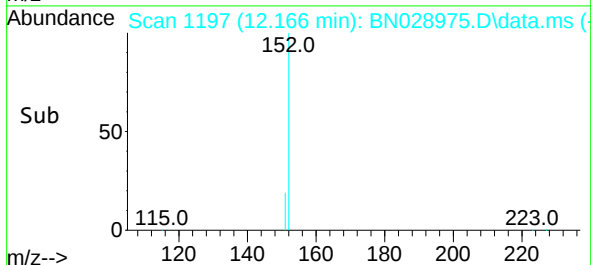
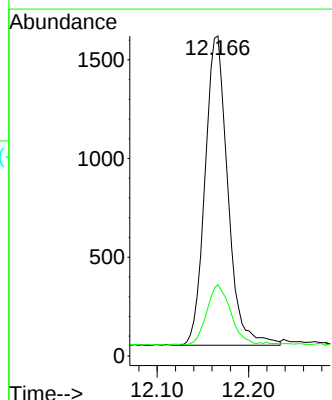
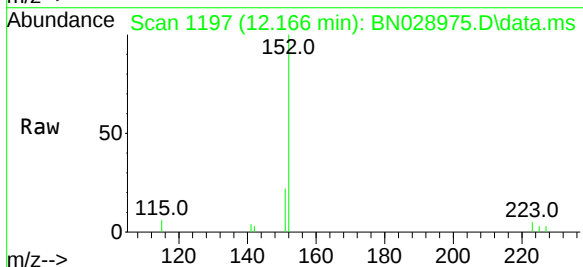
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D2-20231111

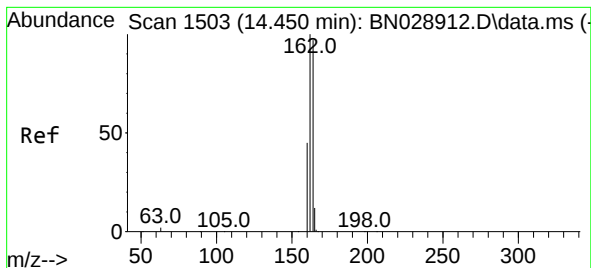
Tgt Ion: 82 Resp: 1880
 Ion Ratio Lower Upper
 82 100
 128 39.9 29.2 43.8
 54 64.6 47.0 70.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.249 ng
 RT: 12.166 min Scan# 1197
 Delta R.T. -0.004 min
 Lab File: BN028975.D
 Acq: 02 Dec 2023 09:14

Tgt Ion: 152 Resp: 2711
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.418 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN028975.D

Acq: 02 Dec 2023 09:14

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D2-20231111

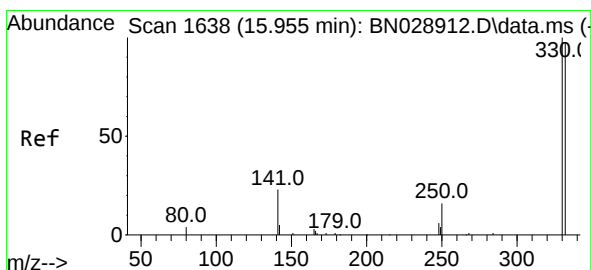
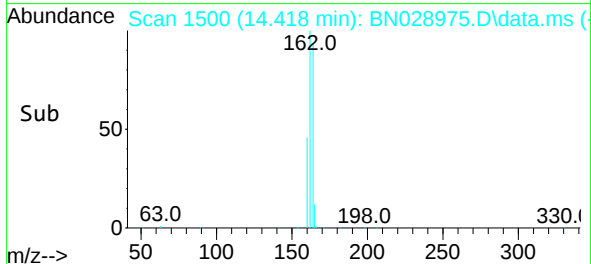
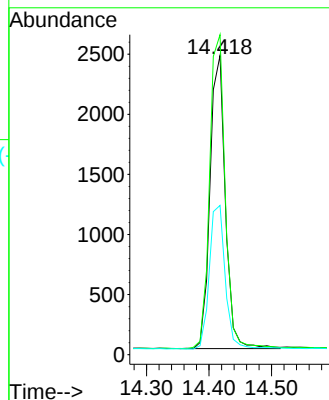
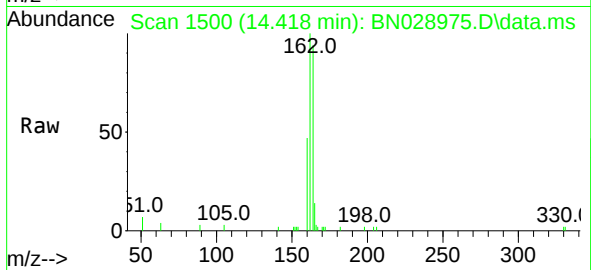
Tgt Ion:164 Resp: 4150

Ion Ratio Lower Upper

164 100

162 106.9 81.7 122.5

160 49.9 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.221 ng

RT: 15.918 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BN028975.D

Acq: 02 Dec 2023 09:14

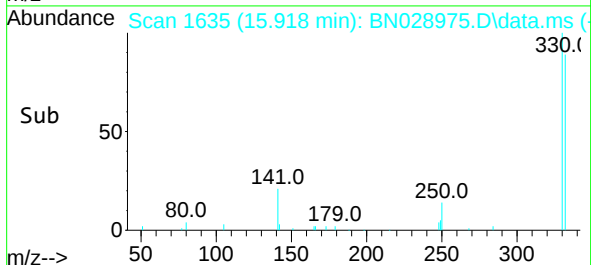
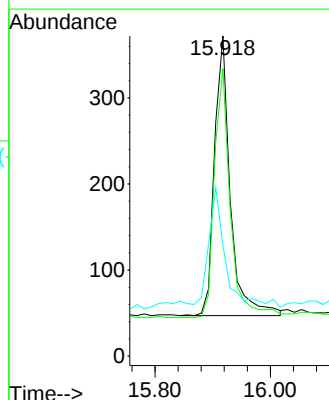
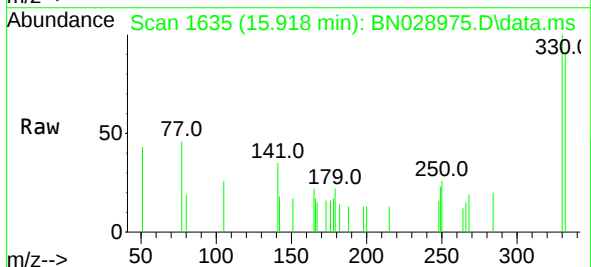
Tgt Ion:330 Resp: 620

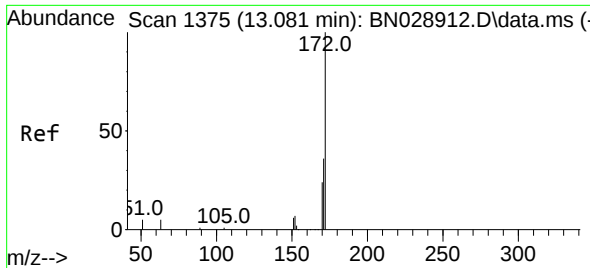
Ion Ratio Lower Upper

330 100

332 89.2 75.4 113.2

141 44.5 35.7 53.5

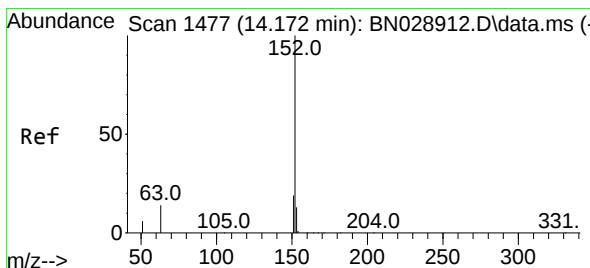
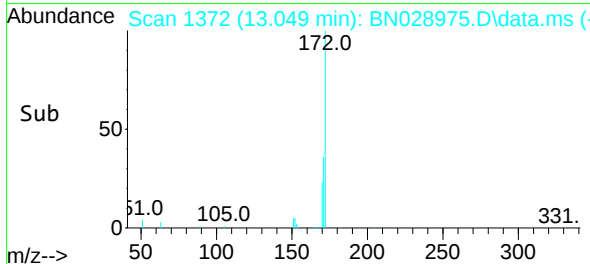
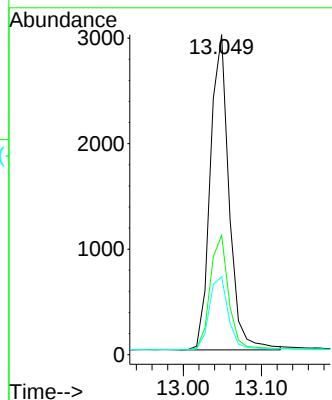
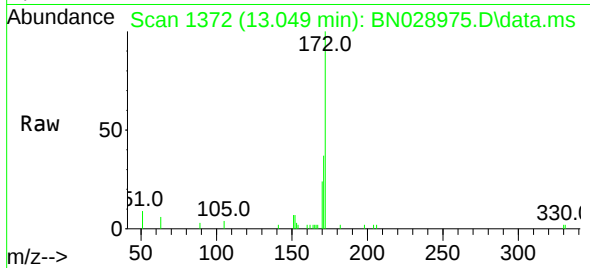




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 13.049 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028975.D
Acq: 02 Dec 2023 09:14

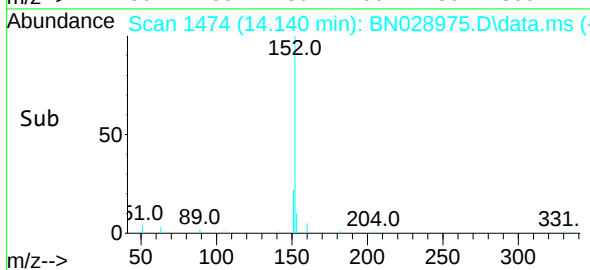
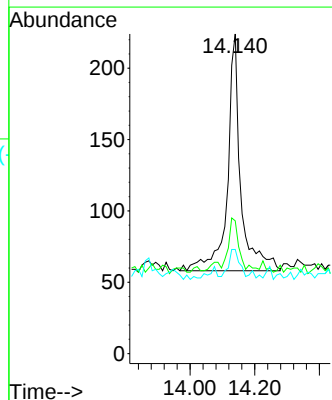
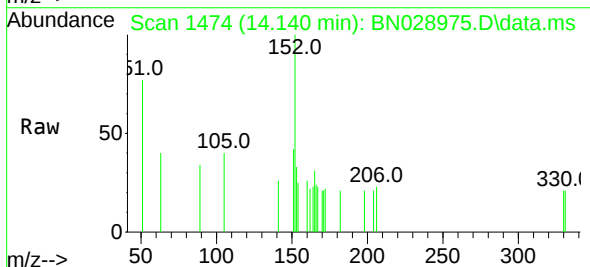
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20231111

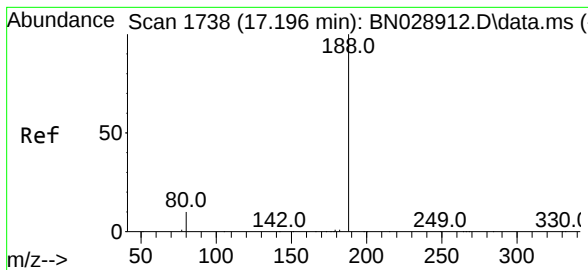
Tgt Ion:	172	Resp:	4975
Ion Ratio	Lower	Upper	
172	100		
171	37.3	29.0	43.4
170	24.3	19.7	29.5



#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.140 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BN028975.D
Acq: 02 Dec 2023 09:14

Tgt Ion:	152	Resp:	476
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.9	23.9
153	8.8	10.8	16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.159 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN028975.D

Acq: 02 Dec 2023 09:14

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D2-20231111

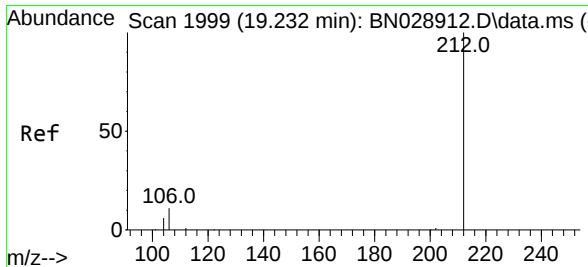
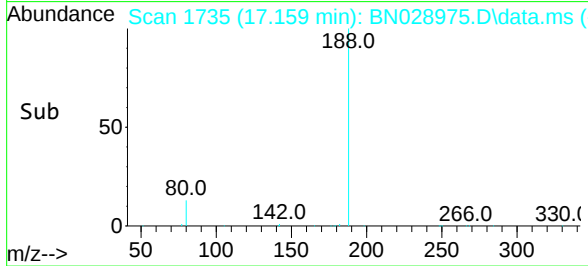
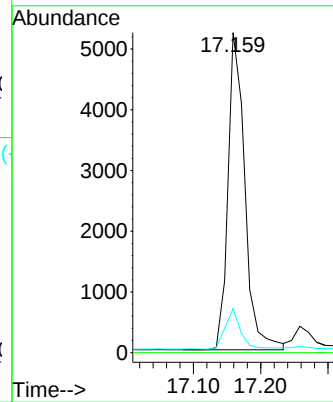
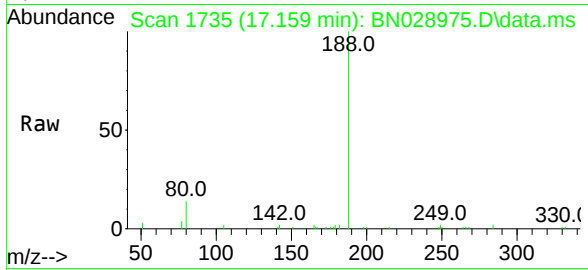
Tgt Ion:188 Resp: 9070

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.8 9.0 13.6#



#27

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.199 min Scan# 1992

Delta R.T. -0.009 min

Lab File: BN028975.D

Acq: 02 Dec 2023 09:14

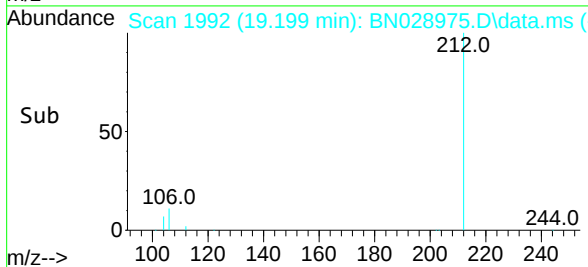
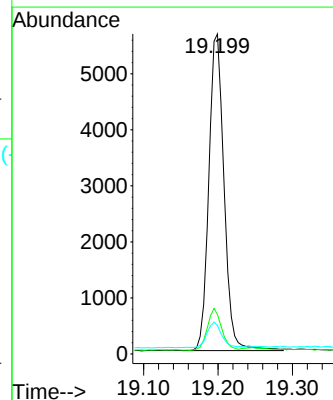
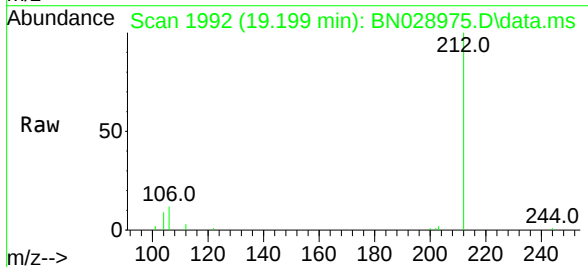
Tgt Ion:212 Resp: 8017

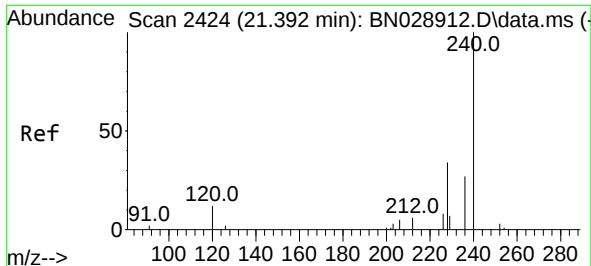
Ion Ratio Lower Upper

212 100

106 12.4 9.4 14.2

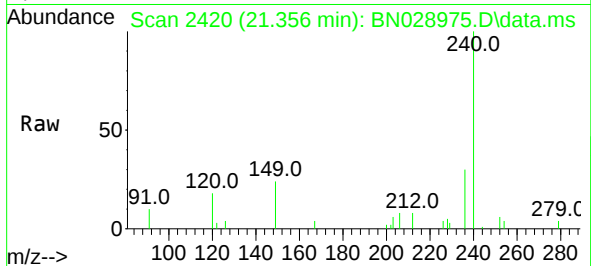
104 7.9 6.2 9.2



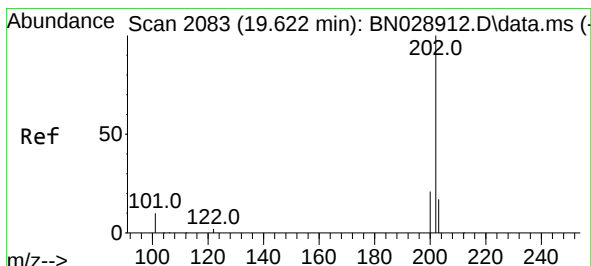
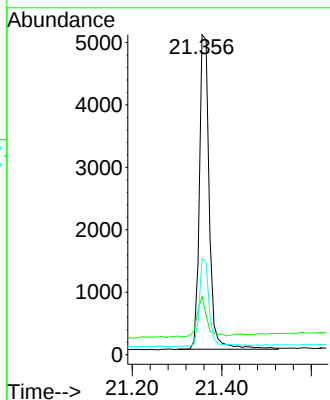
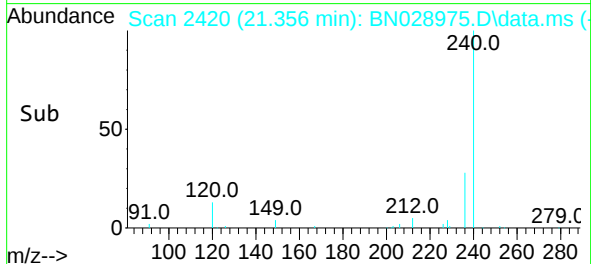


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN028975.D
Acq: 02 Dec 2023 09:14

Instrument :
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RW8-MW01D2-20231111

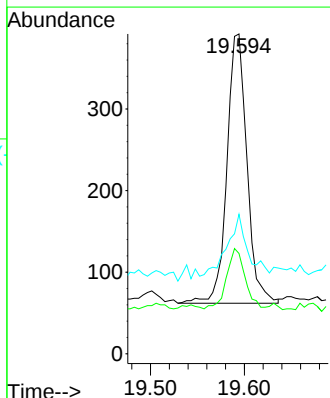
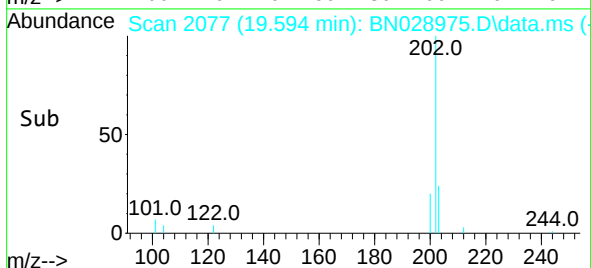
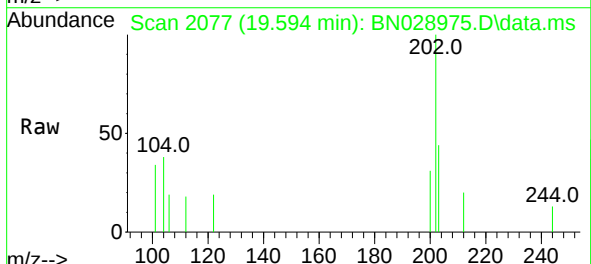


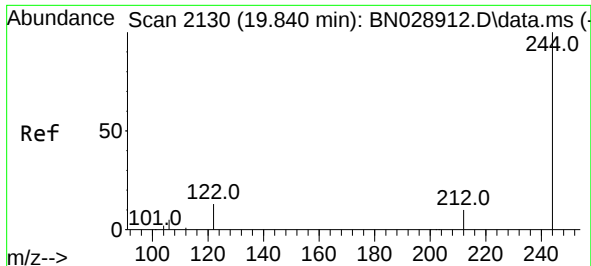
Tgt Ion:240 Resp: 7766
Ion Ratio Lower Upper
240 100
120 18.2 37.1 55.7#
236 30.0 32.4 48.6#



#30
Pyrene
Concen: 0.102 ng
RT: 19.594 min Scan# 2077
Delta R.T. -0.009 min
Lab File: BN028975.D
Acq: 02 Dec 2023 09:14

Tgt Ion:202 Resp: 489
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 23.3 14.8 22.2#

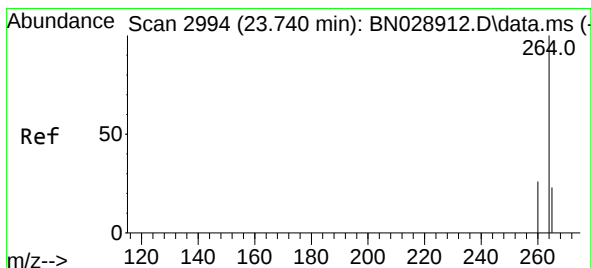
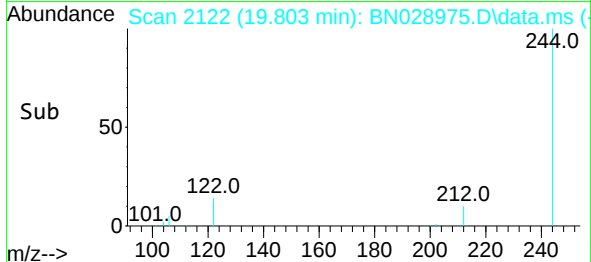
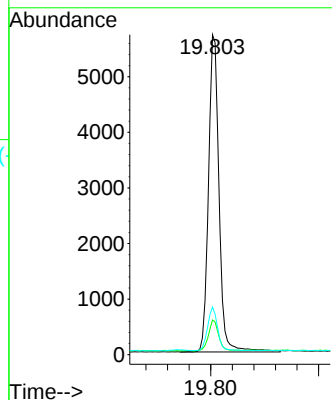
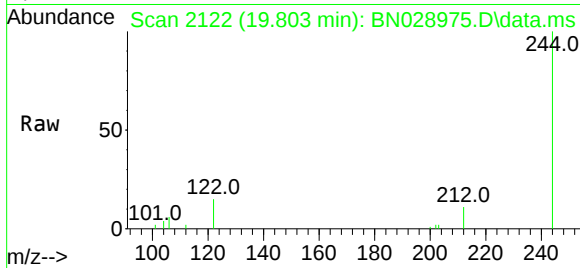




#31
Terphenyl-d14
Concen: 0.369 ng
RT: 19.803 min Scan# 2130
Delta R.T. -0.014 min
Lab File: BN028975.D
Acq: 02 Dec 2023 09:14

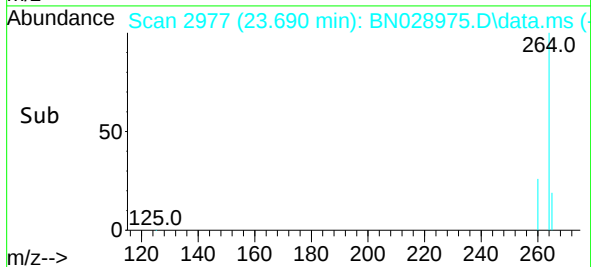
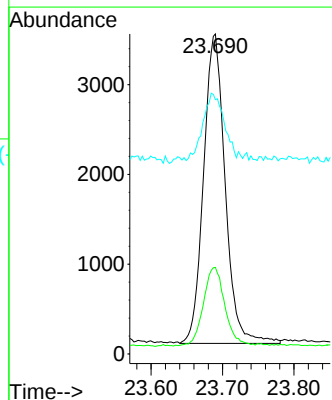
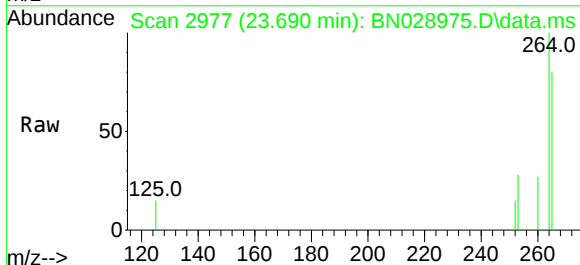
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20231111

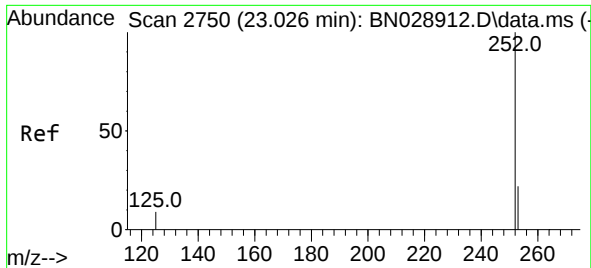
Tgt Ion:244 Resp: 7766
Ion Ratio Lower Upper
244 100
212 10.9 11.5 17.3#
122 14.9 13.2 19.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.690 min Scan# 2977
Delta R.T. -0.018 min
Lab File: BN028975.D
Acq: 02 Dec 2023 09:14

Tgt Ion:264 Resp: 7269
Ion Ratio Lower Upper
264 100
260 27.0 20.6 30.8
265 79.5 464.5 696.7#





#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 22.985 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN028975.D

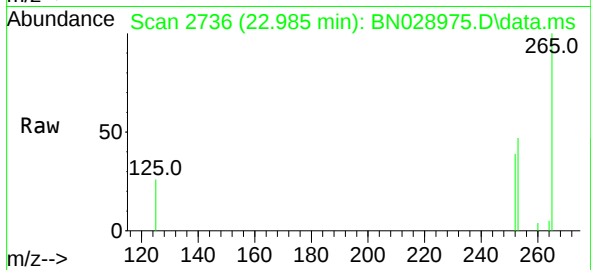
Acq: 02 Dec 2023 09:14

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D2-20231111



Tgt Ion:252 Resp: 612

Ion Ratio Lower Upper

252 100

253 122.8 94.5 141.7

125 67.3 23.8 35.8#

