

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035790.D
 Acq On : 23 Dec 2024 18:39
 Operator : RC/JU
 Sample : P5317-25
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D3-20241217

Quant Time: Dec 24 00:12:55 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)

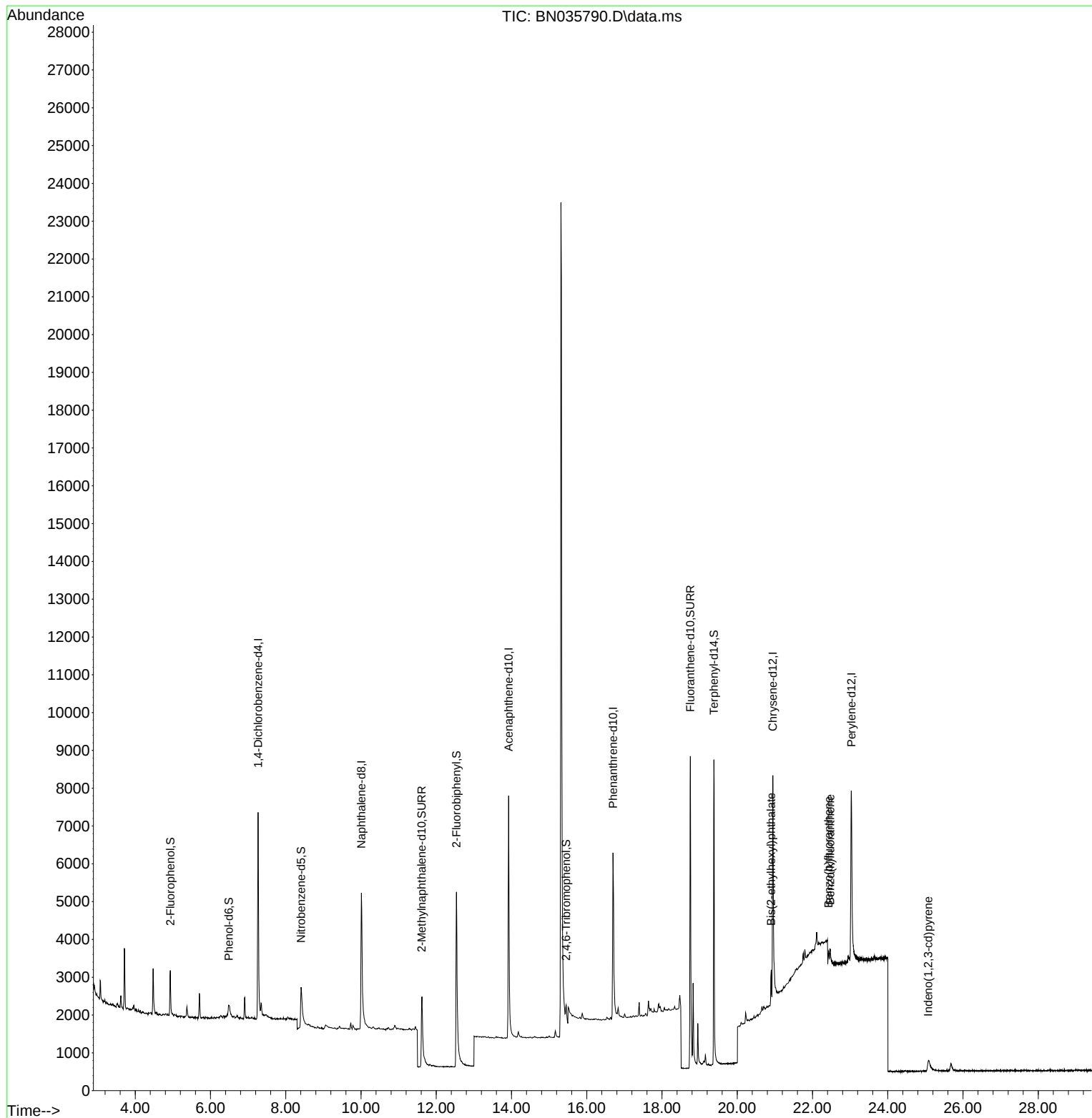
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3160	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7441	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	4220	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8391	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7265	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	7419	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.931	112	1112	0.141	ng	0.00
5) Phenol-d6	6.484	99	649	0.068	ng	0.00
8) Nitrobenzene-d5	8.408	82	2198	0.484	ng	0.00
11) 2-Methylnaphthalene-d10	11.615	152	4584	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	640	0.214	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	6975	0.437	ng	0.00
27) Fluoranthene-d10	18.752	212	11421	0.480	ng	0.00
31) Terphenyl-d14	19.379	244	9137	0.638	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	20.902	149	932	0.093	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.076	276	649	0.022	ng	# 77
37) Benzo(b)fluoranthene	22.424	252	740	0.027	ng	# 1
38) Benzo(k)fluoranthene	22.471	252	763	0.029	ng	# 1

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

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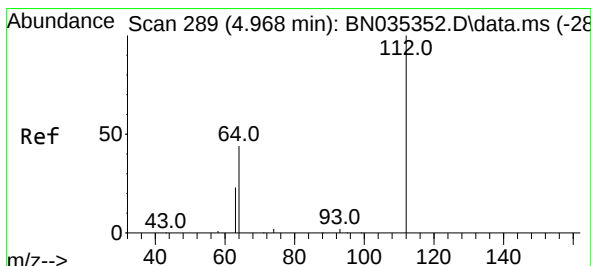
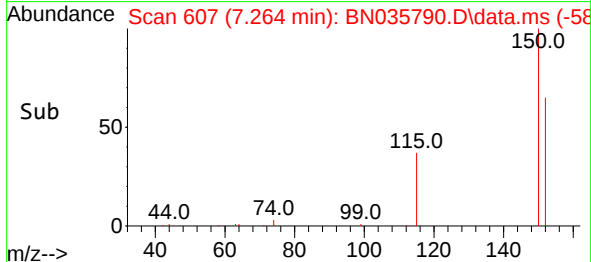
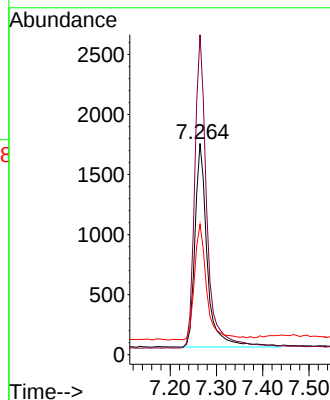
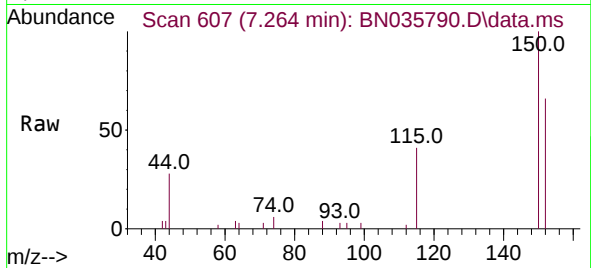




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 613
Delta R.T. -0.008 min
Lab File: BN035790.D
Acq: 23 Dec 2024 18:39

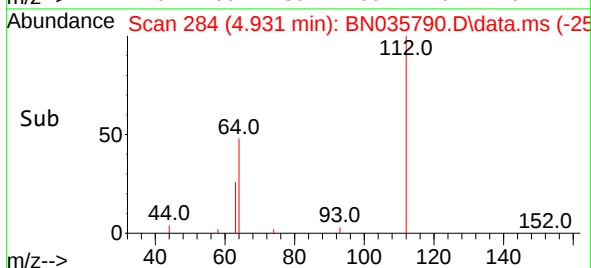
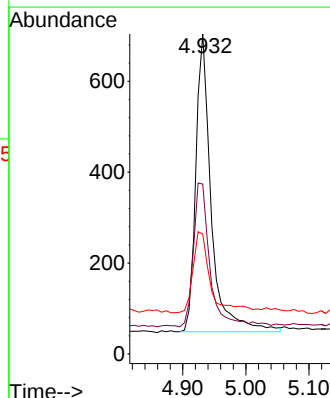
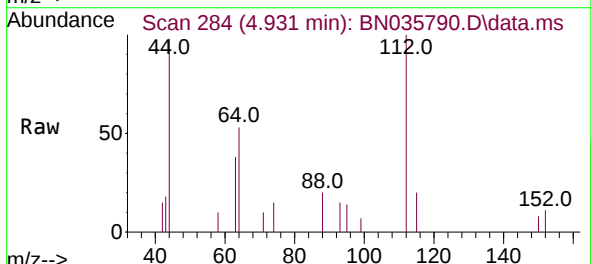
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20241217

Tgt Ion:152 Resp: 3160
Ion Ratio Lower Upper
152 100
150 151.5 124.0 186.0
115 61.7 49.6 74.4



#4
2-Fluorophenol
Concen: 0.141 ng
RT: 4.931 min Scan# 284
Delta R.T. -0.007 min
Lab File: BN035790.D
Acq: 23 Dec 2024 18:39

Tgt Ion:112 Resp: 1112
Ion Ratio Lower Upper
112 100
64 50.6 39.8 59.8
63 30.8 21.0 31.6

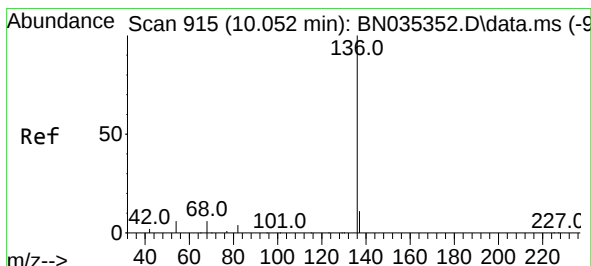
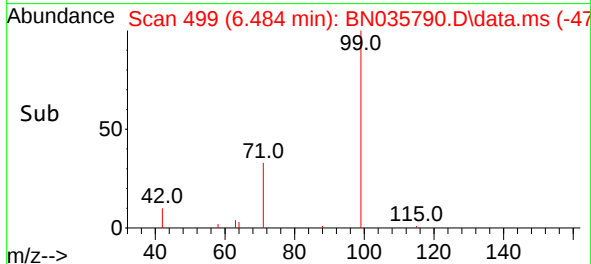
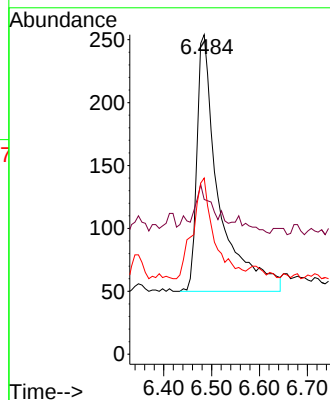
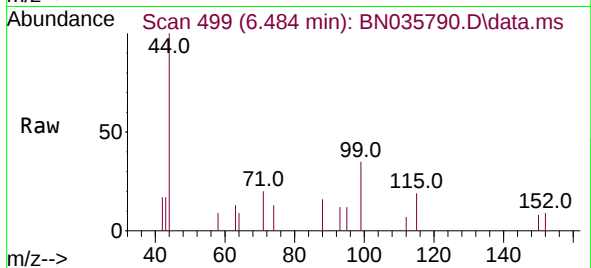




#5
Phenol-d6
Concen: 0.068 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035790.D
Acq: 23 Dec 2024 18:39

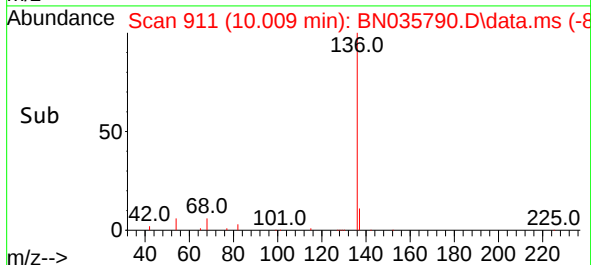
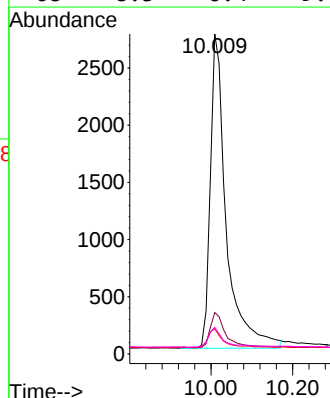
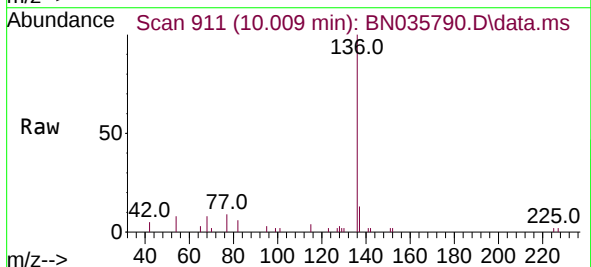
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20241217

Tgt Ion:	99	Resp:	649
Ion	Ratio	Lower	Upper
99	100		
42	11.7	11.4	17.2
71	38.5	29.3	43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035790.D
Acq: 23 Dec 2024 18:39

Tgt Ion:	136	Resp:	7441
Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.2	15.2
54	7.9	6.1	9.1
68	8.3	6.4	9.6

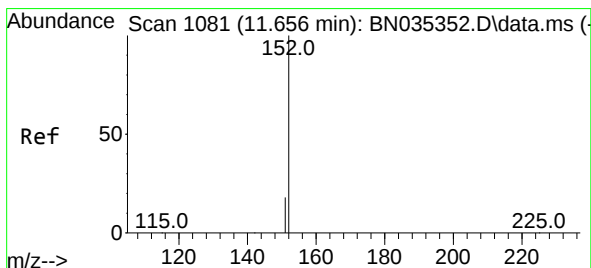
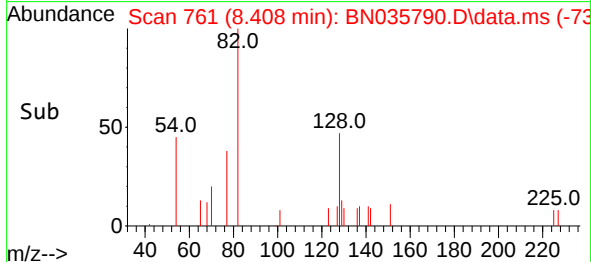
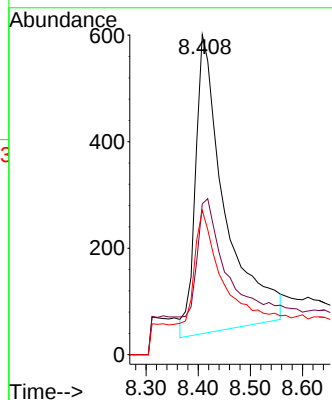
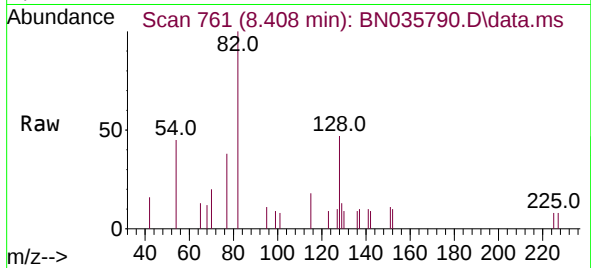




#8
Nitrobenzene-d5
Concen: 0.484 ng
RT: 8.408 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035790.D
Acq: 23 Dec 2024 18:39

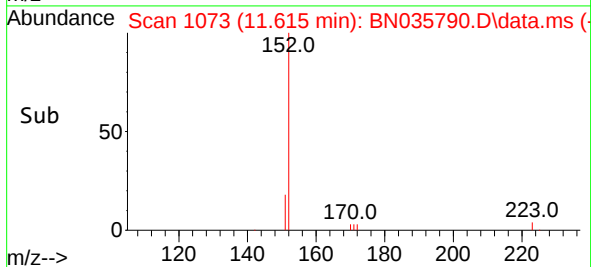
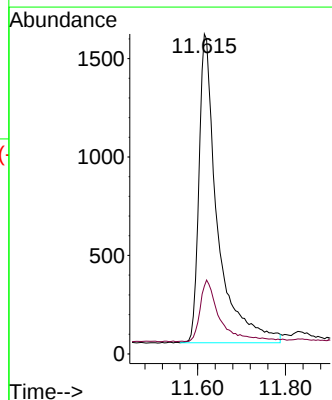
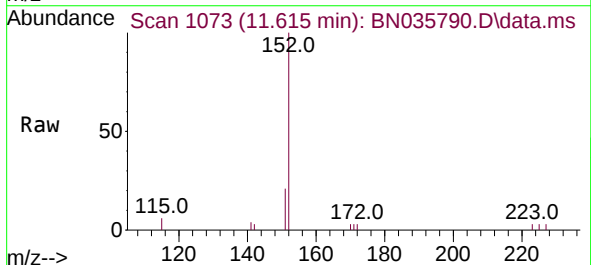
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20241217

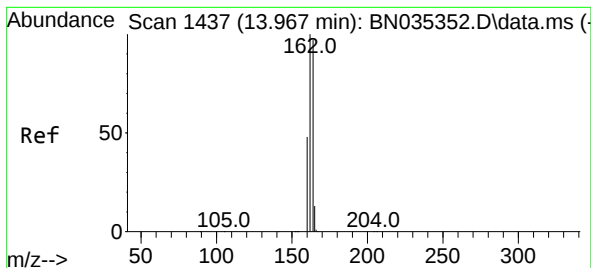
Tgt Ion: 82 Resp: 2198
Ion Ratio Lower Upper
82 100
128 47.1 33.4 50.0
54 45.1 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 11.615 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035790.D
Acq: 23 Dec 2024 18:39

Tgt Ion: 152 Resp: 4584
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.924 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN035790.D

Acq: 23 Dec 2024 18:39

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D3-20241217

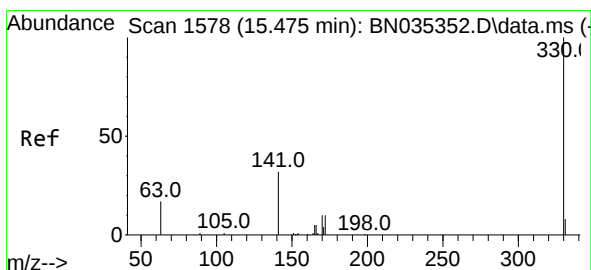
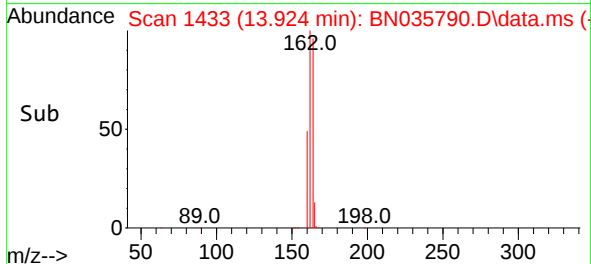
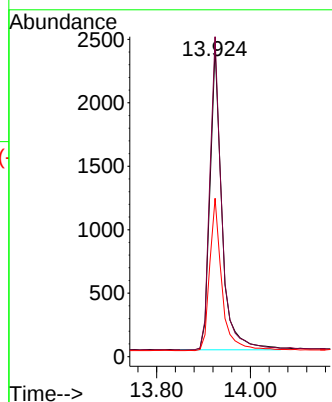
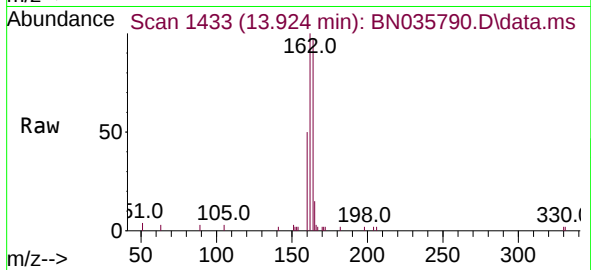
Tgt Ion:164 Resp: 4220

Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.2

160 51.3 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.214 ng

RT: 15.453 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN035790.D

Acq: 23 Dec 2024 18:39

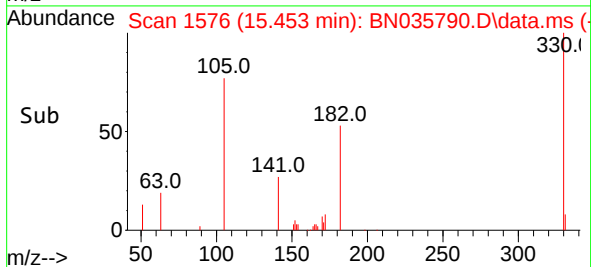
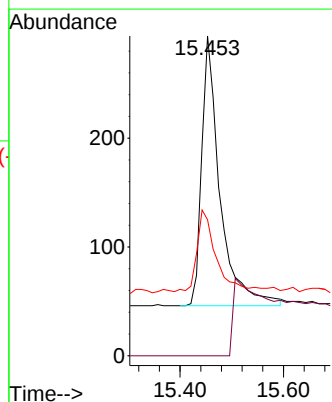
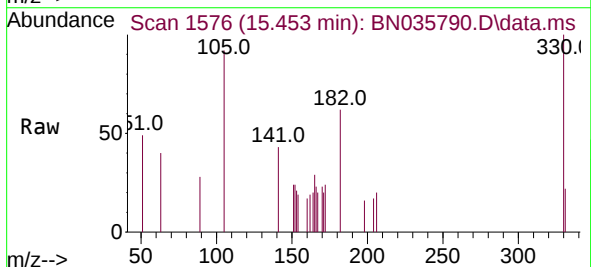
Tgt Ion:330 Resp: 640

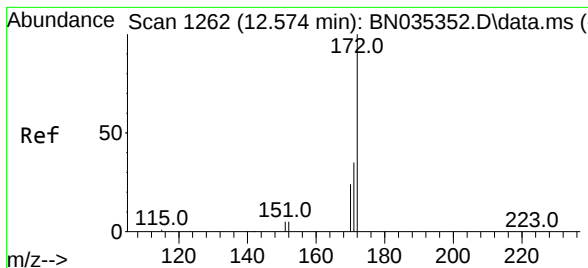
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 33.1 26.6 40.0





#15

2-Fluorobiphenyl

Concen: 0.437 ng

RT: 12.538 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN035790.D

Acq: 23 Dec 2024 18:39

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D3-20241217

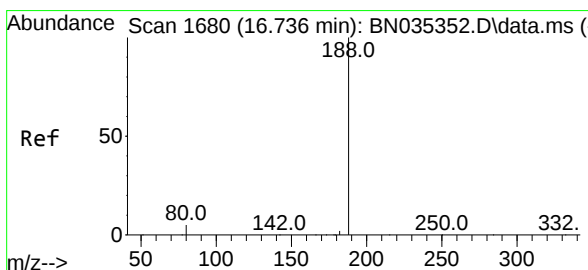
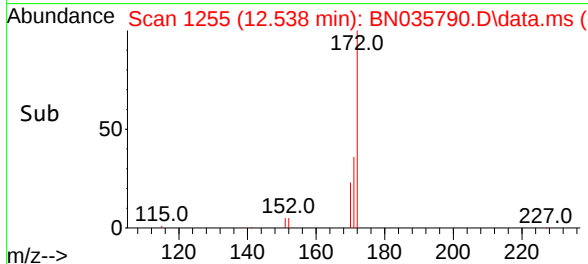
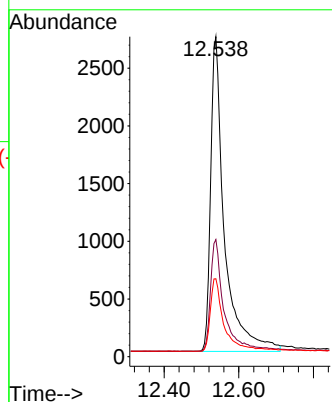
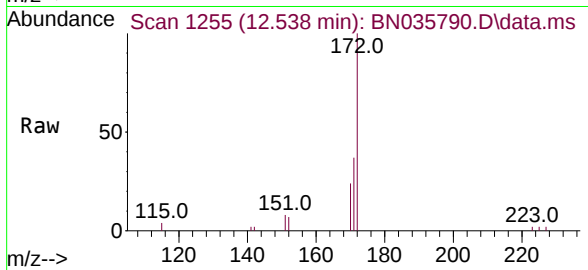
Tgt Ion:172 Resp: 6975

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

170 24.3 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: BN035790.D

Acq: 23 Dec 2024 18:39

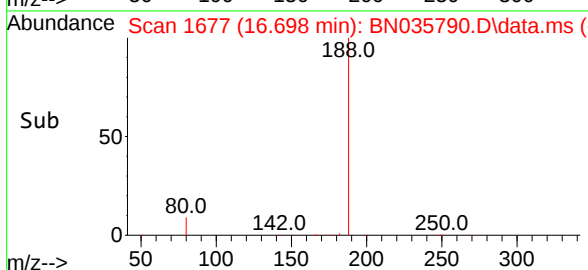
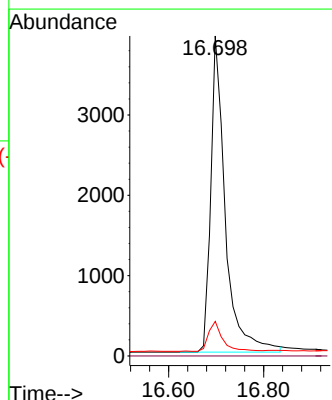
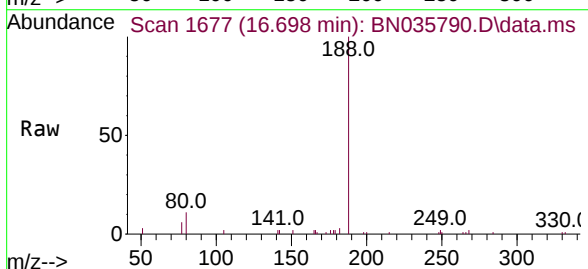
Tgt Ion:188 Resp: 8391

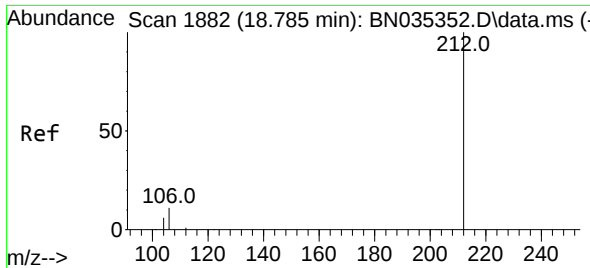
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.8 4.6 6.8#

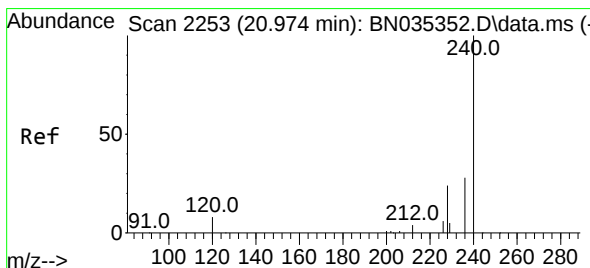
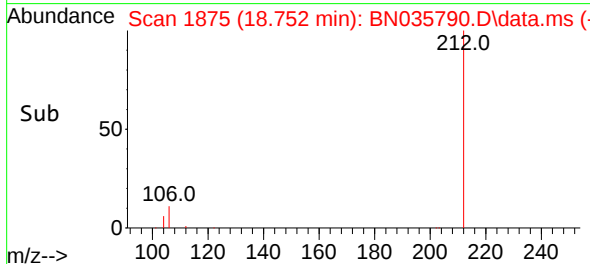
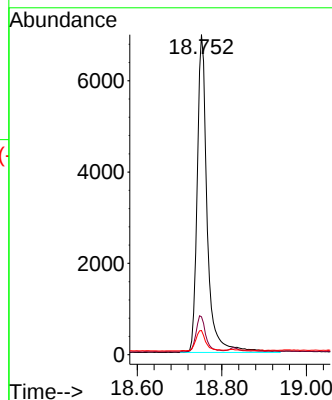
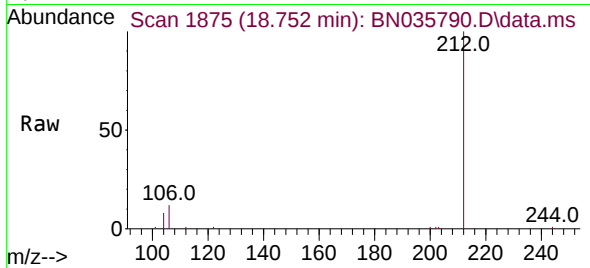




#27
Fluoranthene-d10
Concen: 0.480 ng
RT: 18.752 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035790.D
Acq: 23 Dec 2024 18:39

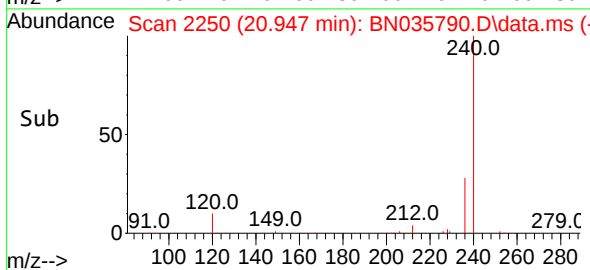
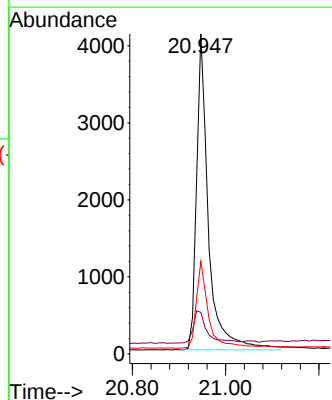
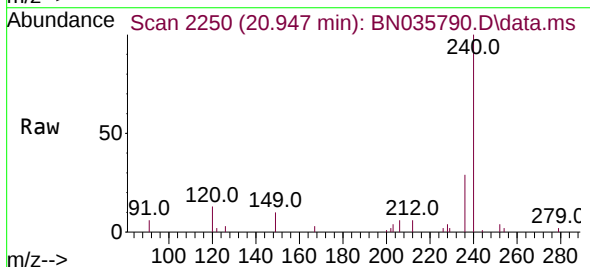
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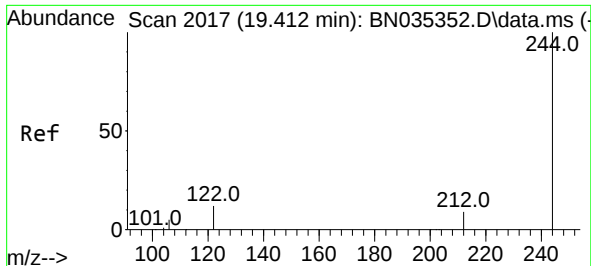
Tgt Ion:212 Resp: 11421
Ion Ratio Lower Upper
212 100
106 11.1 9.2 13.8
104 6.2 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035790.D
Acq: 23 Dec 2024 18:39

Tgt Ion:240 Resp: 7265
Ion Ratio Lower Upper
240 100
120 13.0 7.9 11.9#
236 28.9 22.9 34.3

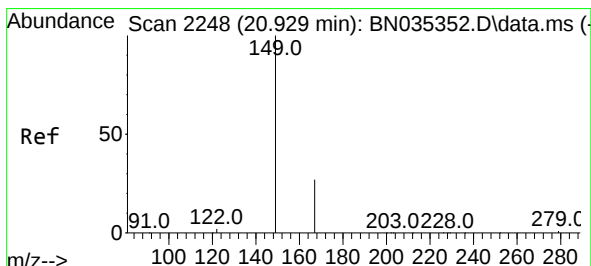
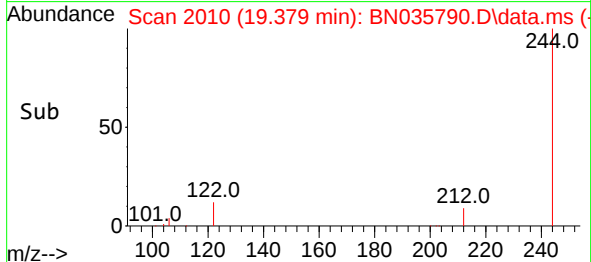
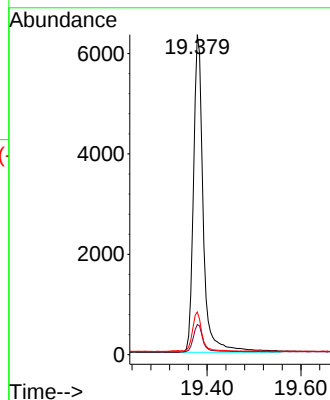
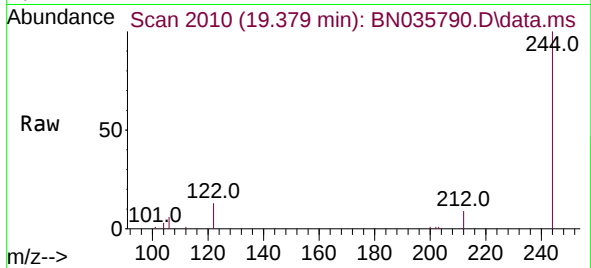




#31
 Terphenyl-d14
 Concen: 0.638 ng
 RT: 19.379 min Scan# 2017
 Delta R.T. -0.010 min
 Lab File: BN035790.D
 Acq: 23 Dec 2024 18:39

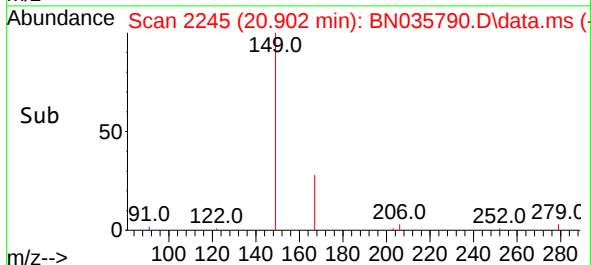
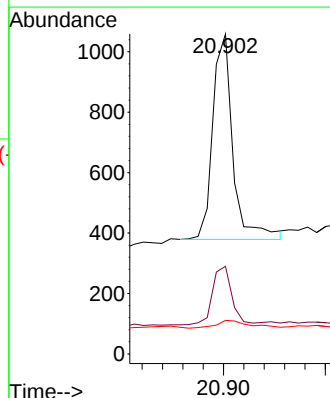
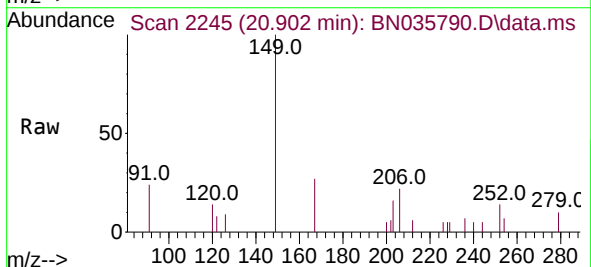
Instrument :
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 RW8-MW01D3-20241217

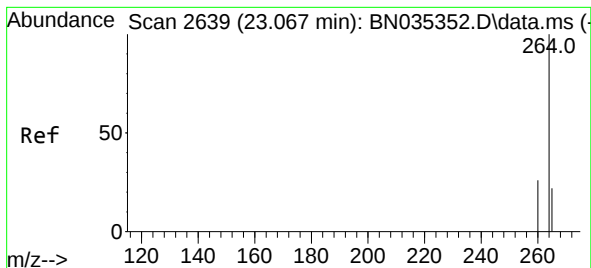
Tgt Ion:244 Resp: 9137
 Ion Ratio Lower Upper
 244 100
 212 9.4 8.1 12.1
 122 13.3 10.3 15.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 20.902 min Scan# 2245
 Delta R.T. -0.009 min
 Lab File: BN035790.D
 Acq: 23 Dec 2024 18:39

Tgt Ion:149 Resp: 932
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.2 33.4
 279 6.3 2.7 4.1#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.032 min Scan# 2

Delta R.T. -0.009 min

Lab File: BN035790.D

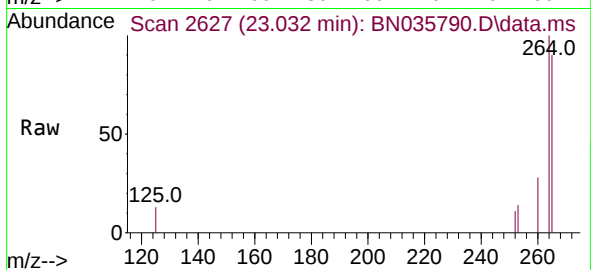
Acq: 23 Dec 2024 18:39

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D3-20241217



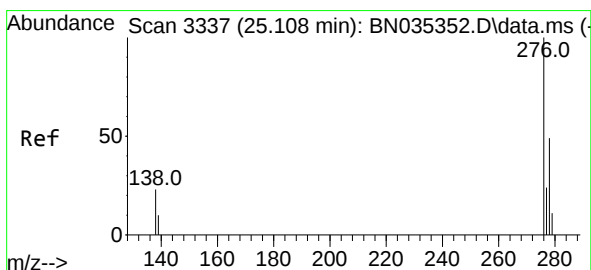
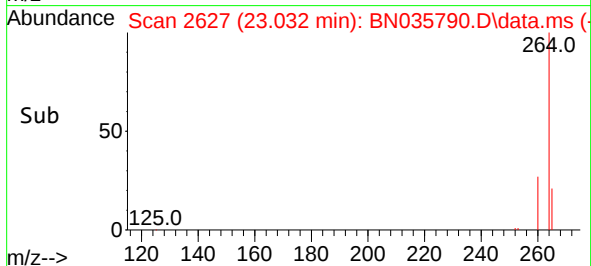
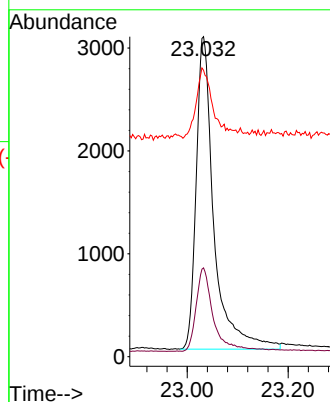
Tgt Ion:264 Resp: 7419

Ion Ratio Lower Upper

264 100

260 27.7 21.4 32.2

265 89.5 40.2 60.4#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.022 ng

RT: 25.076 min Scan# 3326

Delta R.T. 0.009 min

Lab File: BN035790.D

Acq: 23 Dec 2024 18:39

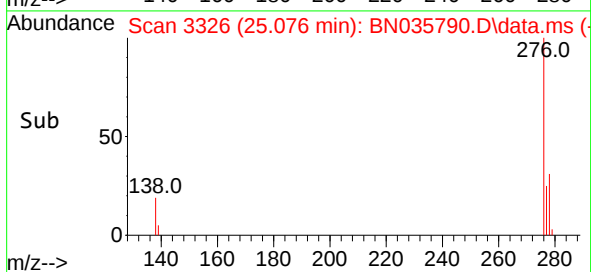
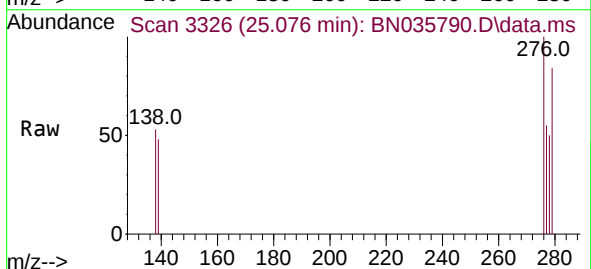
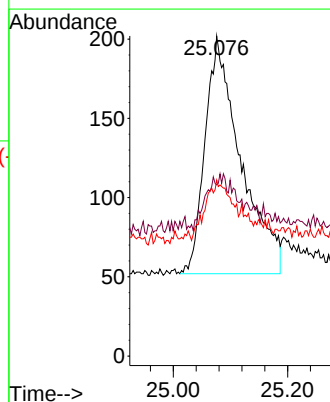
Tgt Ion:276 Resp: 649

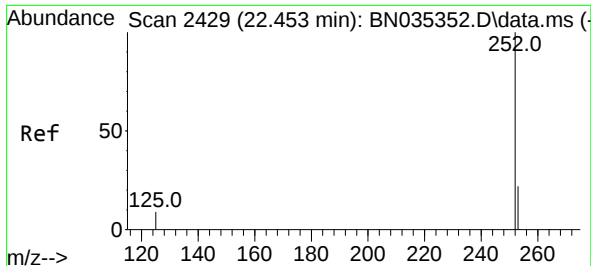
Ion Ratio Lower Upper

276 100

138 7.7 19.4 29.0#

277 18.2 19.8 29.6#





#37

Benzo(b)fluoranthene

Concen: 0.027 ng

RT: 22.424 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BN035790.D

Acq: 23 Dec 2024 18:39

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D3-20241217

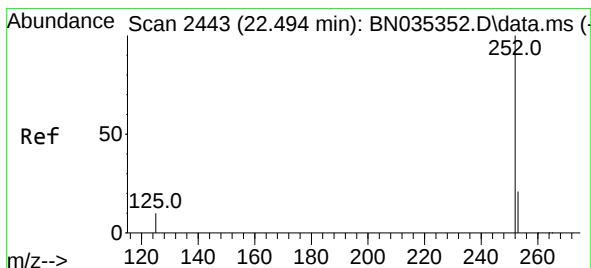
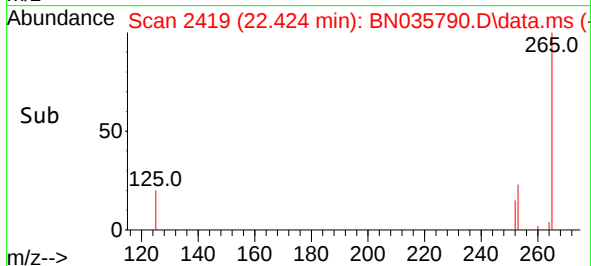
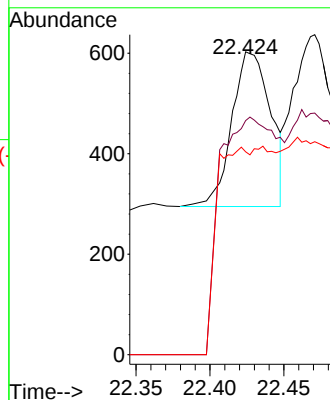
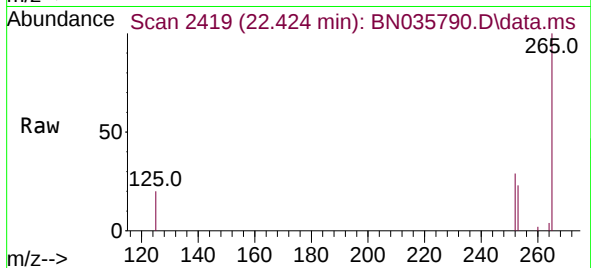
Tgt Ion:252 Resp: 740

Ion Ratio Lower Upper

252 100

253 77.3 19.6 29.4#

125 67.0 9.6 14.4#



#38

Benzo(k)fluoranthene

Concen: 0.029 ng

RT: 22.471 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BN035790.D

Acq: 23 Dec 2024 18:39

Tgt Ion:252 Resp: 763

Ion Ratio Lower Upper

252 100

253 75.5 19.5 29.3#

125 66.6 10.2 15.4#

