

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112024\
 Data File : BN035213.D
 Acq On : 21 Nov 2024 01:25
 Operator : RC/JU
 Sample : P4866-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20241114

Quant Time: Nov 21 01:48:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 20 23:40:20 2024
 Response via : Initial Calibration

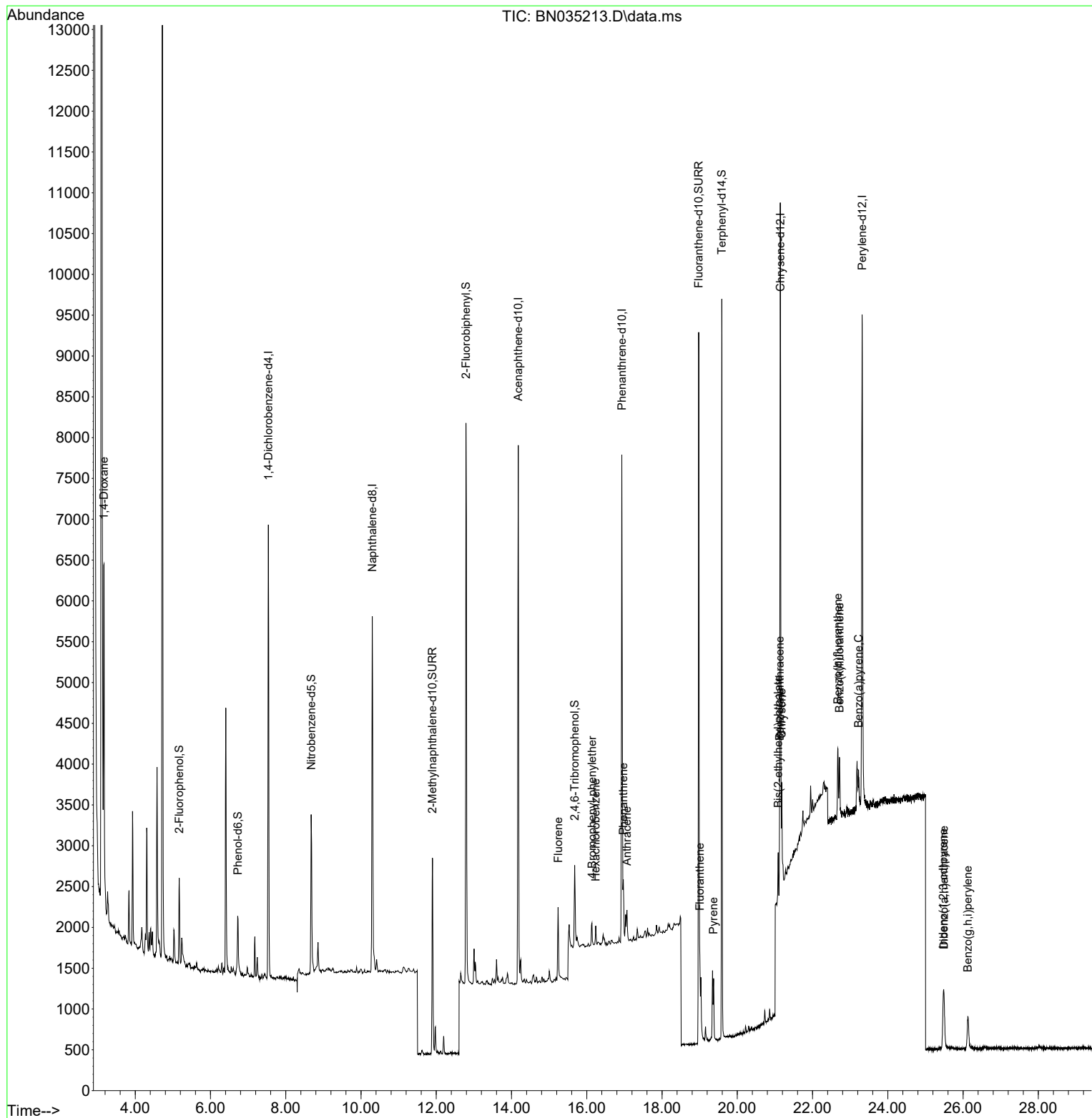
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	2662	0.400	ng	0.00
7) Naphthalene-d8	10.297	136	6059	0.400	ng	# 0.00
13) Acenaphthene-d10	14.179	164	3823	0.400	ng	0.00
19) Phenanthrene-d10	16.932	188	8427	0.400	ng	# 0.00
29) Chrysene-d12	21.142	240	7962	0.400	ng	# 0.00
35) Perylene-d12	23.317	264	7782	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	858	0.127	ng	0.00
5) Phenol-d6	6.730	99	659	0.078	ng	0.00
8) Nitrobenzene-d5	8.675	82	1869	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	11.897	152	3410	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	660	0.239	ng	0.00
15) 2-Fluorobiphenyl	12.789	172	6403	0.412	ng	0.00
27) Fluoranthene-d10	18.973	212	10782	0.418	ng	0.00
31) Terphenyl-d14	19.587	244	9117	0.546	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.169	88	2874	1.189	ng	98
18) Fluorene	15.238	166	489	0.031	ng	# 80
21) 4-Bromophenyl-phenylether	16.138	248	153	0.028	ng	# 81
22) Hexachlorobenzene	16.237	284	175	0.031	ng	# 83
25) Phenanthrene	16.970	178	709	0.032	ng	96
26) Anthracene	17.069	178	477	0.023	ng	96
28) Fluoranthene	19.006	202	766	0.025	ng	# 88
30) Pyrene	19.368	202	722	0.027	ng	98
32) Benzo(a)anthracene	21.124	228	782	0.028	ng	# 84
33) Chrysene	21.178	228	932	0.034	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.089	149	645	0.044	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.475	276	1067	0.034	ng	97
37) Benzo(b)fluoranthene	22.671	252	1043	0.040	ng	# 29
38) Benzo(k)fluoranthene	22.715	252	982	0.037	ng	# 23
39) Benzo(a)pyrene	23.224	252	671	0.029	ng	# 1
40) Dibenzo(a,h)anthracene	25.493	278	737	0.030	ng	# 8
41) Benzo(g,h,i)perylene	26.127	276	873	0.033	ng	# 60

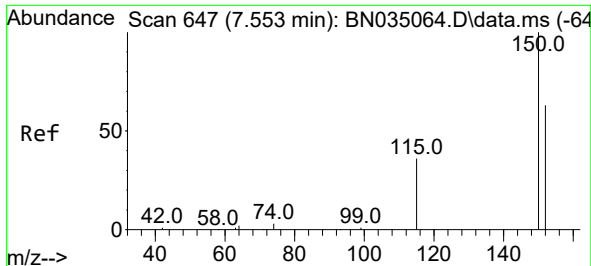
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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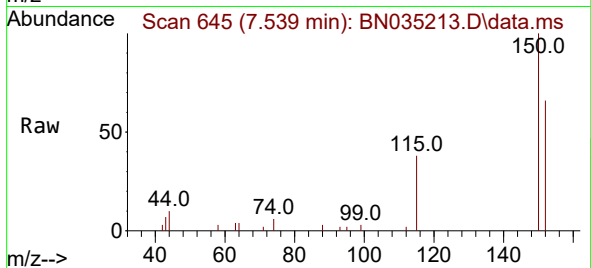
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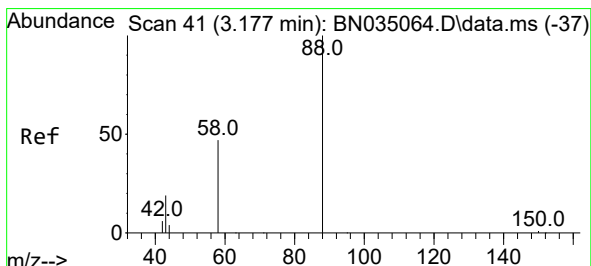
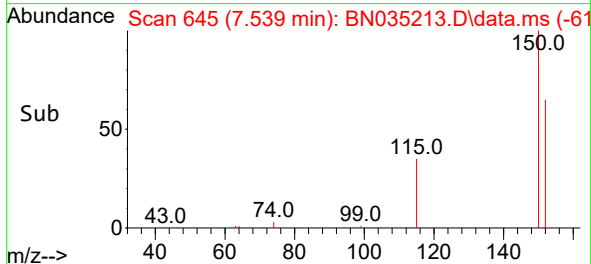
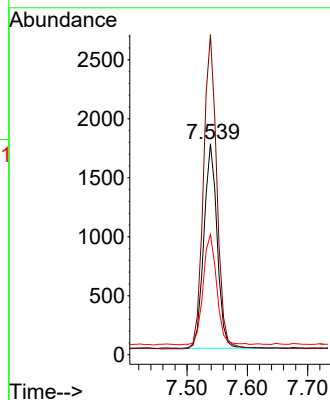
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.539 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN035213.D
 Acq: 21 Nov 2024 01:25

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 ClientSampleId :
 RW7-SP201-20241114



Tgt Ion:152 Resp: 2662

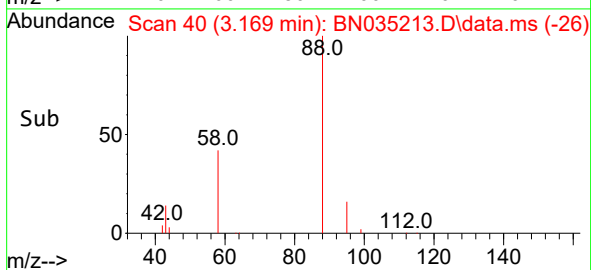
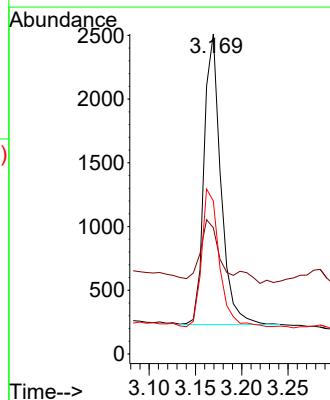
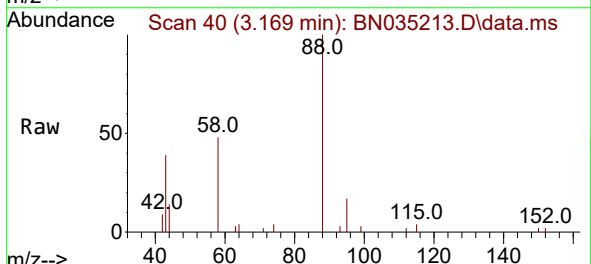
Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.5	186.7
115	57.0	47.8	71.6

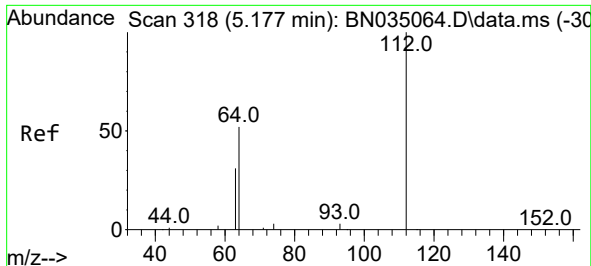


#2
 1,4-Dioxane
 Concen: 1.189 ng
 RT: 3.169 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: BN035213.D
 Acq: 21 Nov 2024 01:25

Tgt Ion: 88 Resp: 2874

Ion	Ratio	Lower	Upper
88	100		
43	20.1	16.9	25.3
58	49.6	39.0	58.4

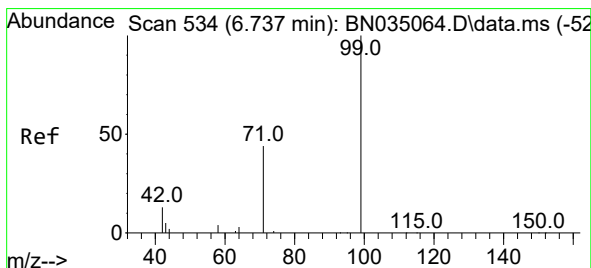
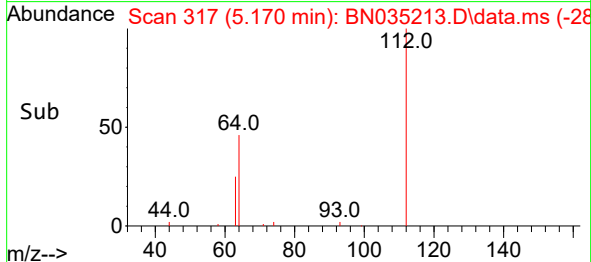
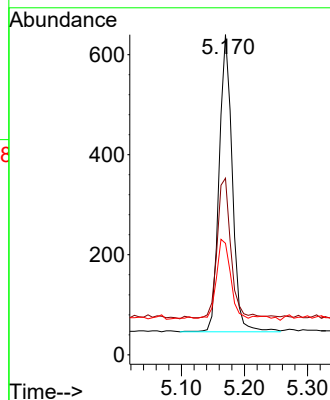
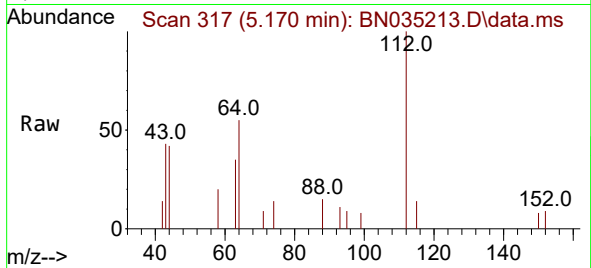




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.170 min Scan# 318
Delta R.T. -0.000 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

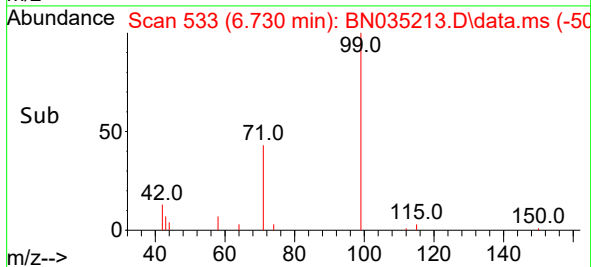
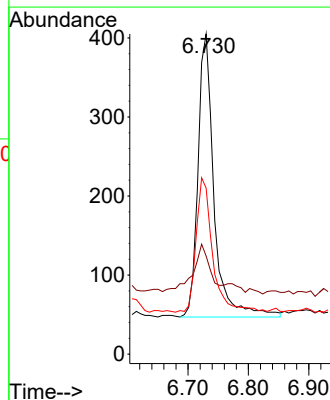
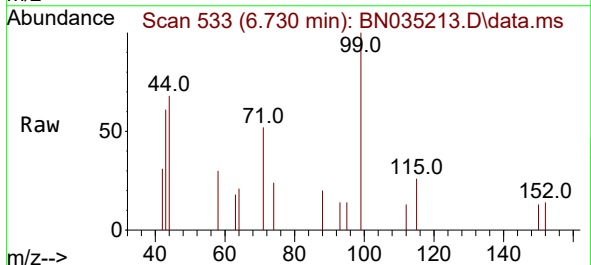
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20241114

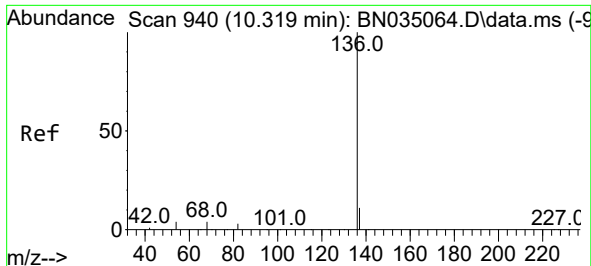
Tgt Ion:112 Resp: 858
Ion Ratio Lower Upper
112 100
64 48.8 39.7 59.5
63 27.7 23.0 34.4



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.730 min Scan# 533
Delta R.T. 0.007 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

Tgt Ion: 99 Resp: 659
Ion Ratio Lower Upper
99 100
42 17.6 11.4 17.0#
71 49.0 34.6 51.8

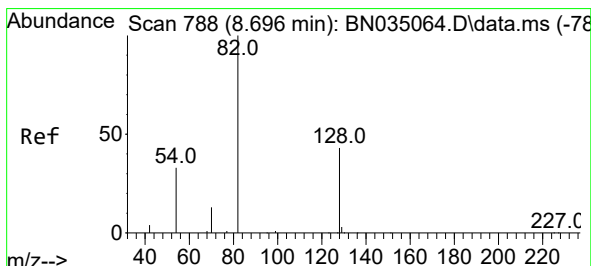
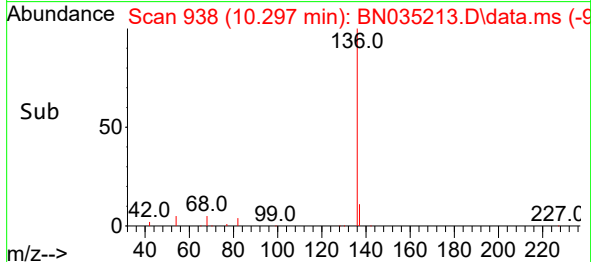
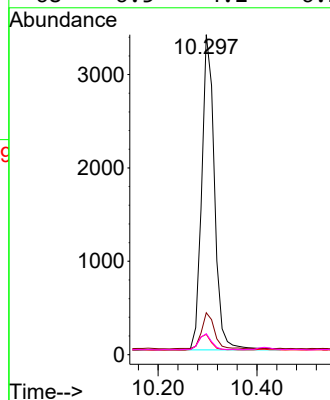
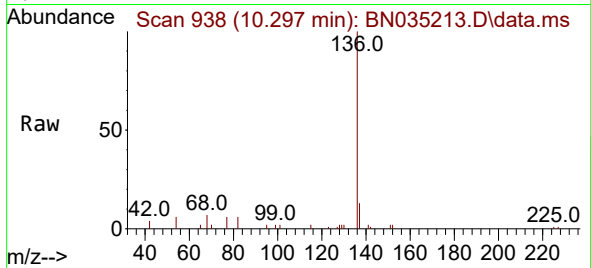




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.297 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

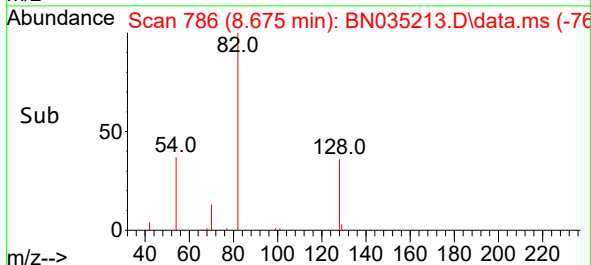
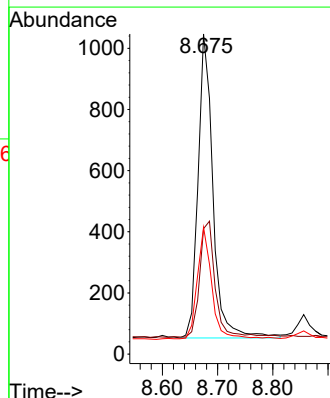
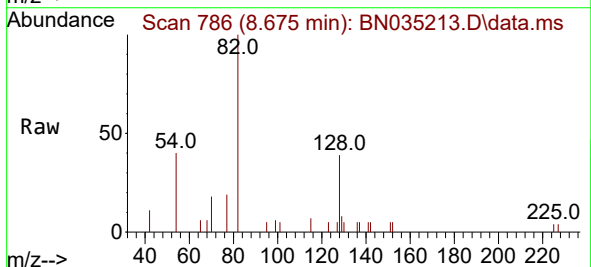
Instrument :
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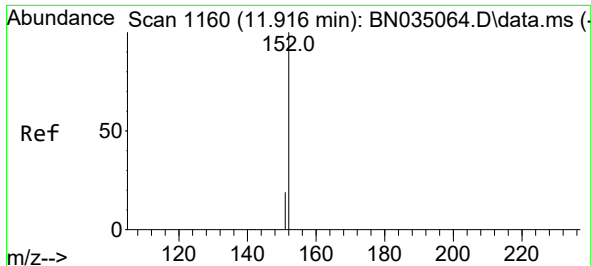
Tgt Ion:	136	Resp:	6059
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.8	14.8
54	6.3	4.0	6.0#
68	6.5	4.2	6.2#



#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.675 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

Tgt Ion:	82	Resp:	1869
Ion	Ratio	Lower	Upper
82	100		
128	39.2	36.5	54.7
54	39.6	28.7	43.1

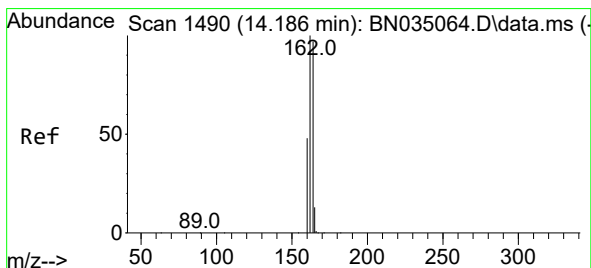
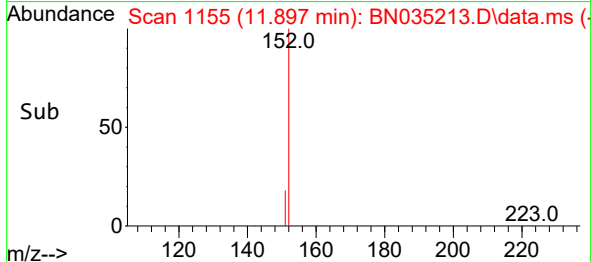
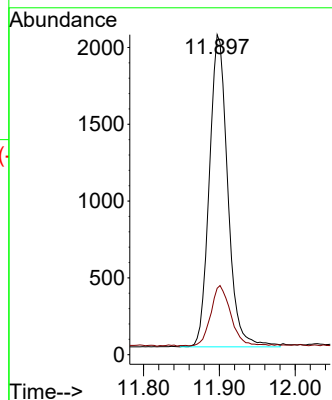
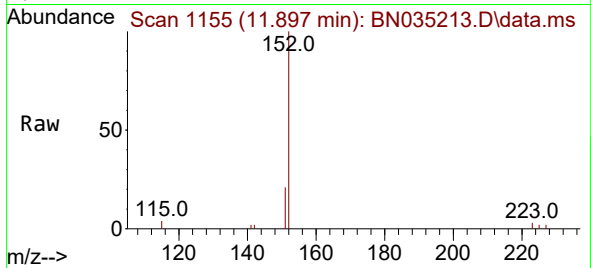




#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 11.897 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

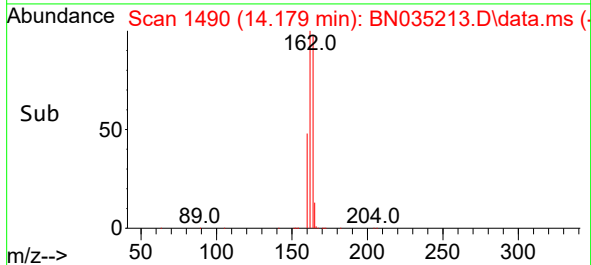
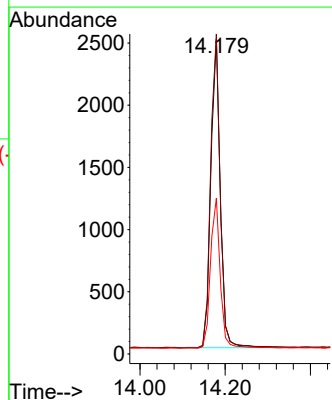
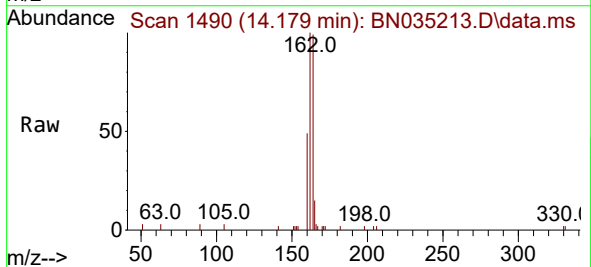
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20241114

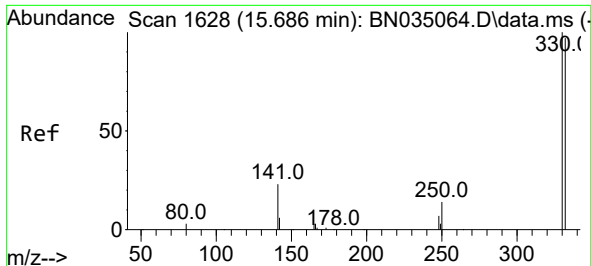
Tgt Ion:152 Resp: 3410
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.179 min Scan# 1490
Delta R.T. 0.004 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

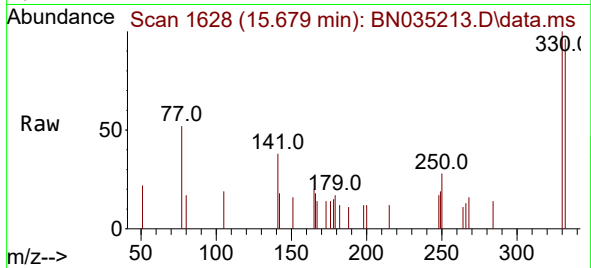
Tgt Ion:164 Resp: 3823
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 49.4 40.2 60.4



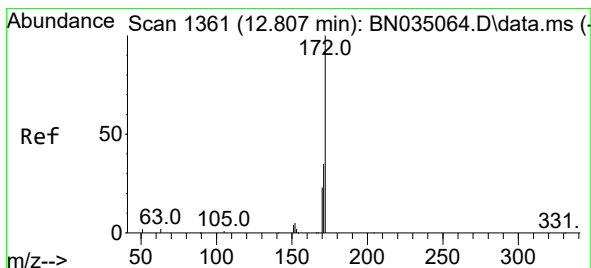
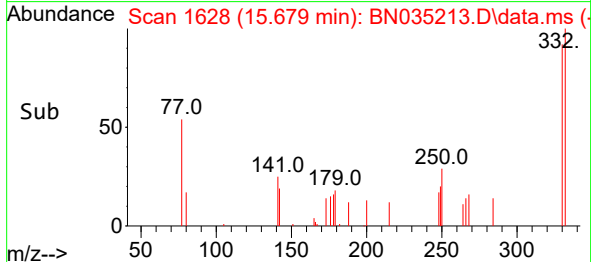
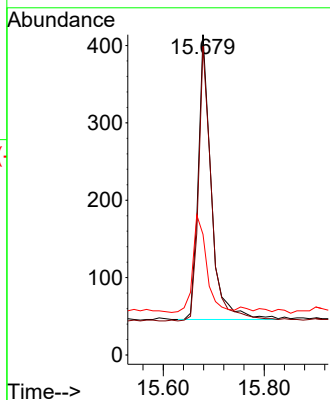


#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.679 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20241114

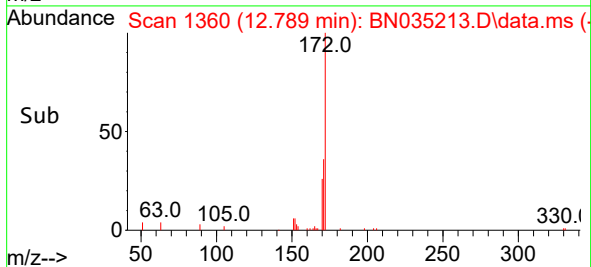
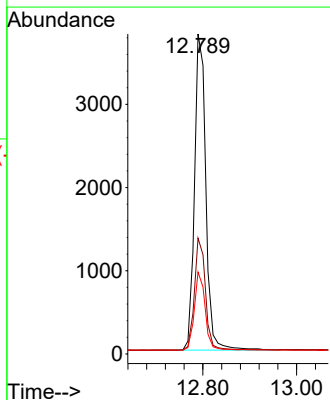
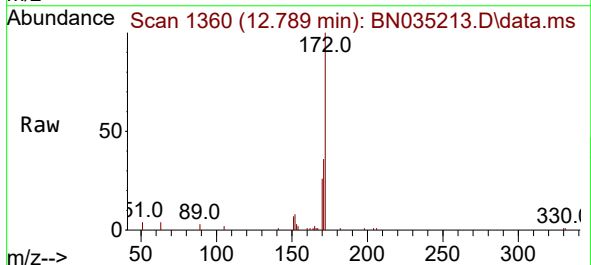


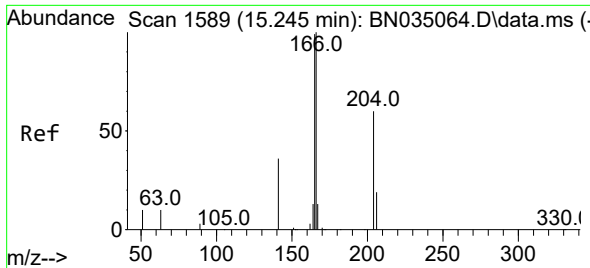
Tgt Ion:330 Resp: 660
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 36.4 29.6 44.4



#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.789 min Scan# 1360
Delta R.T. -0.007 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

Tgt Ion:172 Resp: 6403
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.4
170 25.6 19.0 28.6

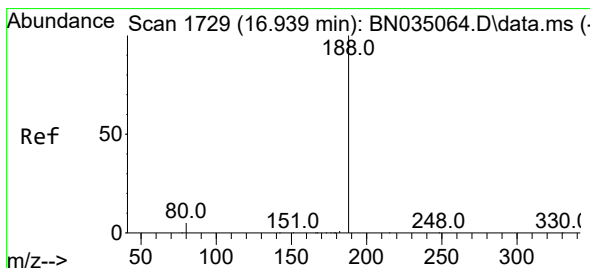
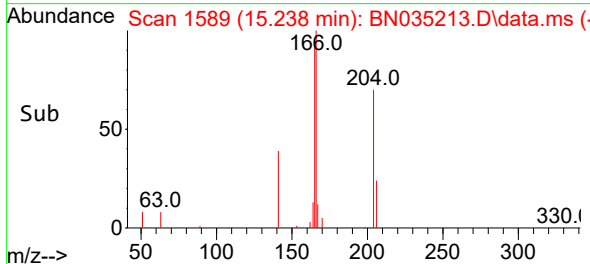
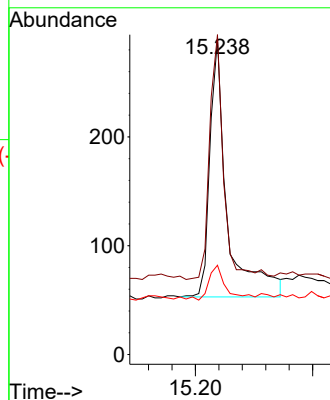
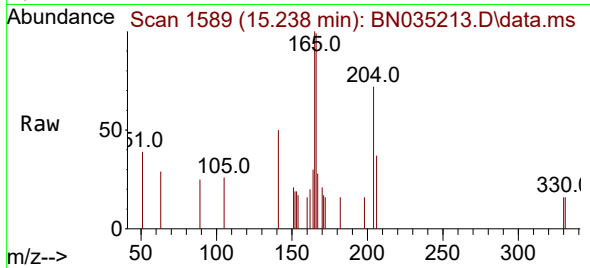




#18
 Fluorene
 Concen: 0.031 ng
 RT: 15.238 min Scan# 1589
 Delta R.T. 0.004 min
 Lab File: BN035213.D
 Acq: 21 Nov 2024 01:25

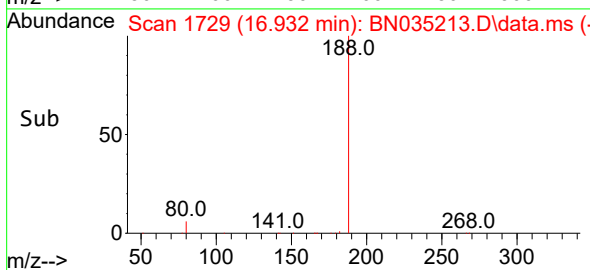
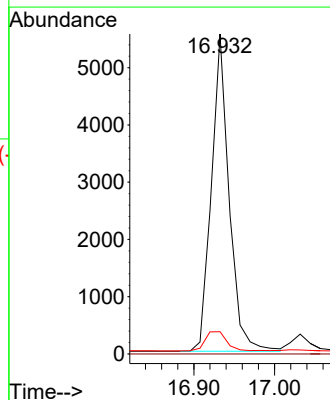
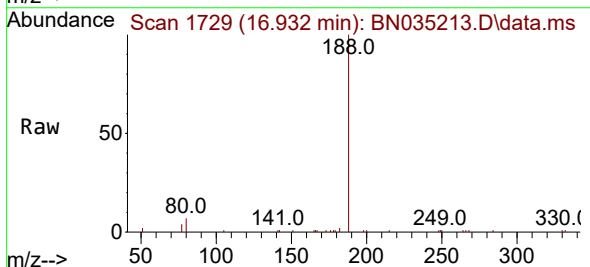
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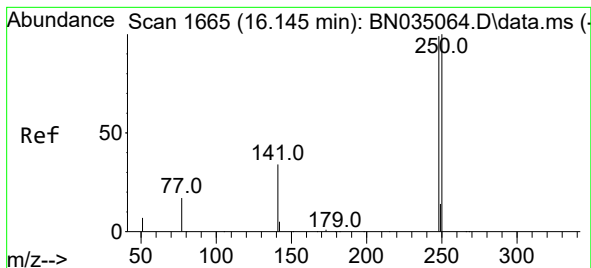
Tgt Ion:166 Resp: 489
 Ion Ratio Lower Upper
 166 100
 165 76.7 79.1 118.7#
 167 11.5 10.6 16.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.932 min Scan# 1729
 Delta R.T. 0.005 min
 Lab File: BN035213.D
 Acq: 21 Nov 2024 01:25

Tgt Ion:188 Resp: 8427
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.9 4.3 6.5#

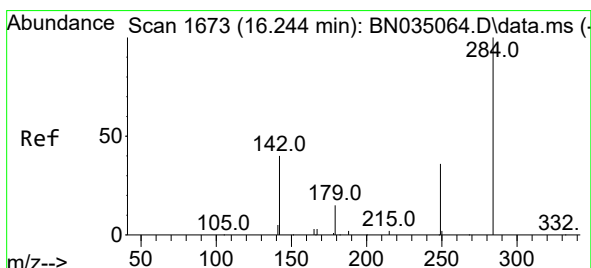
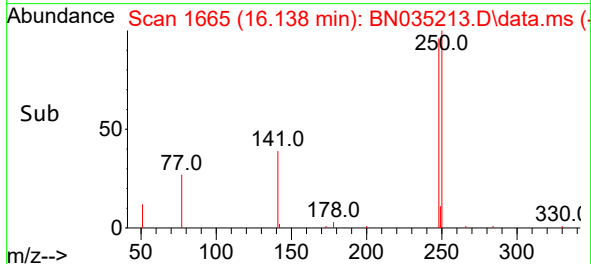
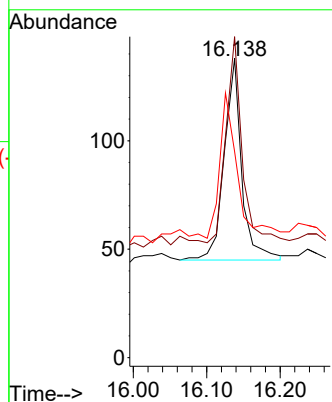
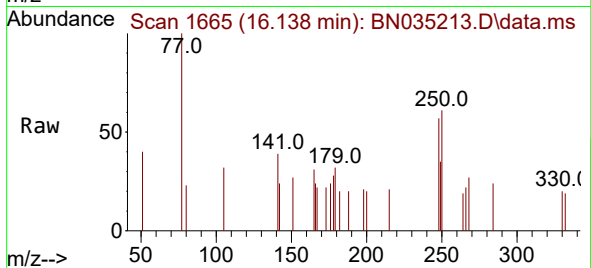




#21
4-Bromophenyl-phenylether
Concen: 0.028 ng
RT: 16.138 min Scan# 1665
Delta R.T. 0.005 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

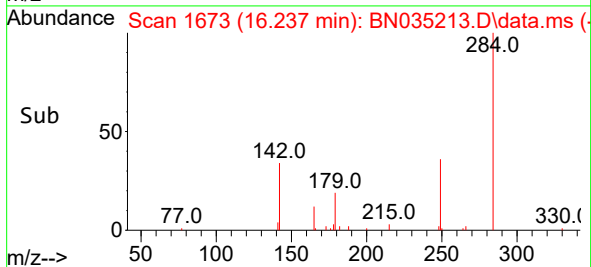
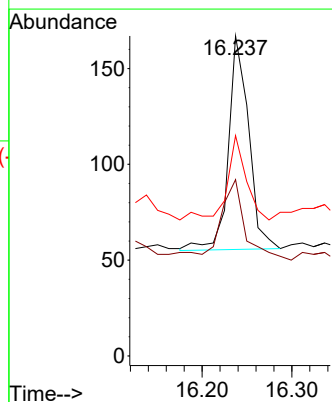
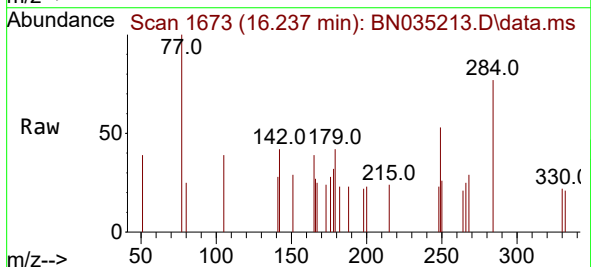
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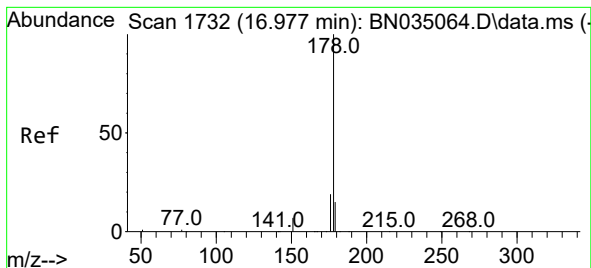
Tgt Ion:248 Resp: 153
Ion Ratio Lower Upper
248 100
250 107.2 81.2 121.8
141 68.8 29.1 43.7#



#22
Hexachlorobenzene
Concen: 0.031 ng
RT: 16.237 min Scan# 1673
Delta R.T. -0.007 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

Tgt Ion:284 Resp: 175
Ion Ratio Lower Upper
284 100
142 48.0 28.2 42.4#
249 38.9 26.2 39.2





#25

Phenanthrene

Concen: 0.032 ng

RT: 16.970 min Scan# 1

Delta R.T. -0.007 min

Lab File: BN035213.D

Acq: 21 Nov 2024 01:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20241114

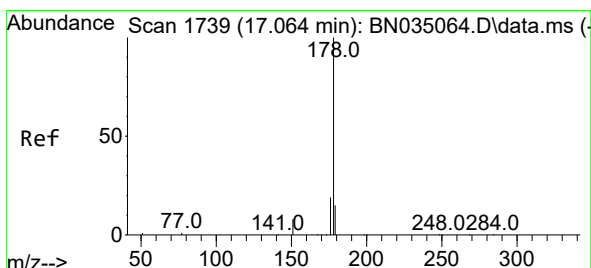
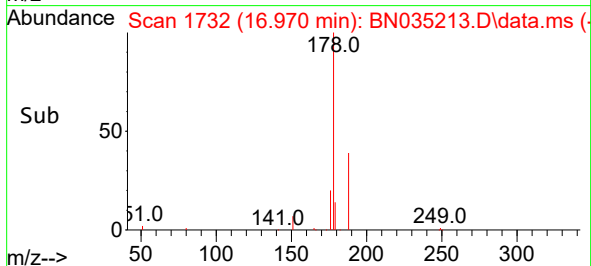
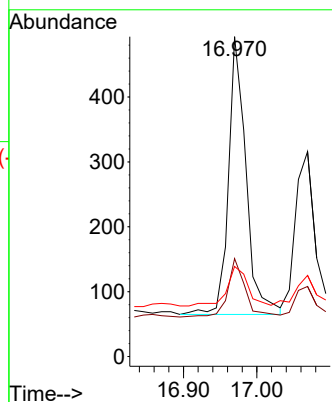
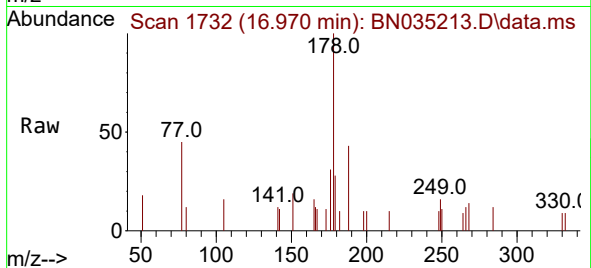
Tgt Ion:178 Resp: 709

Ion Ratio Lower Upper

178 100

176 21.2 15.2 22.8

179 16.6 12.6 18.8



#26

Anthracene

Concen: 0.023 ng

RT: 17.069 min Scan# 1740

Delta R.T. 0.005 min

Lab File: BN035213.D

Acq: 21 Nov 2024 01:25

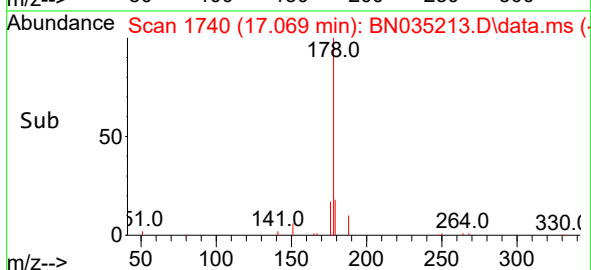
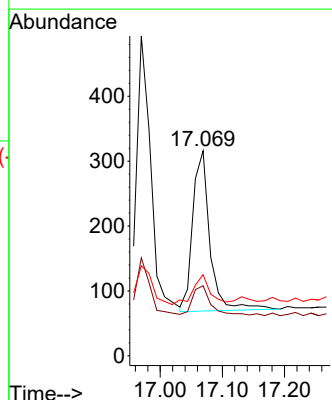
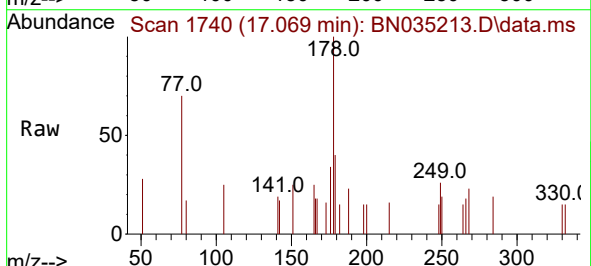
Tgt Ion:178 Resp: 477

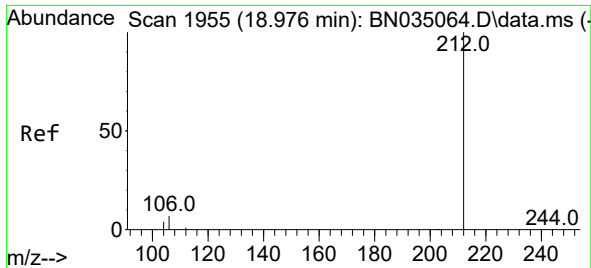
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 18.0 12.2 18.2

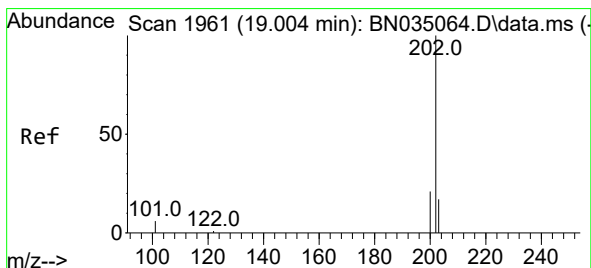
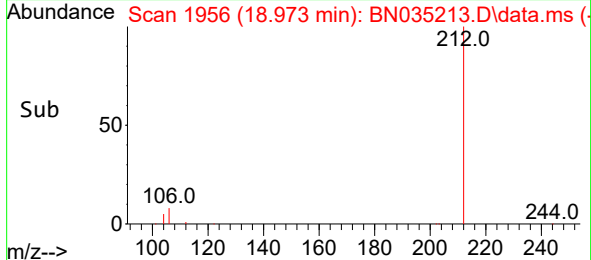
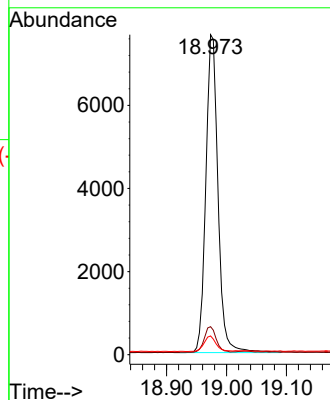
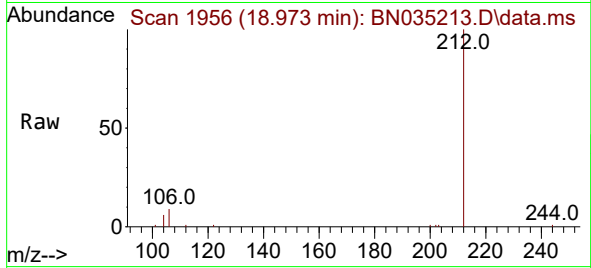




#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 18.973 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

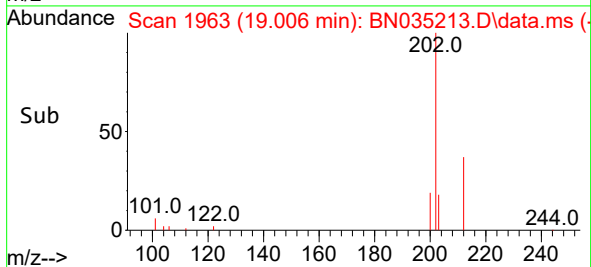
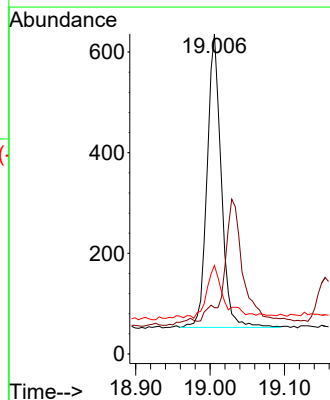
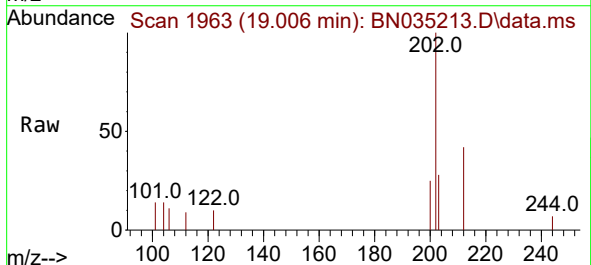
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20241114

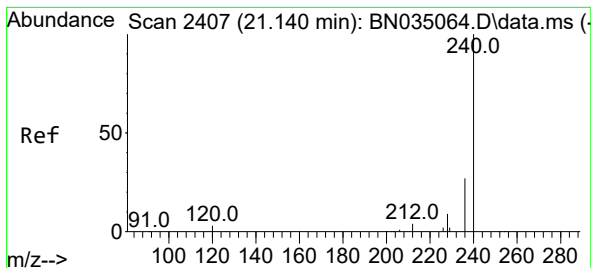
Tgt Ion:	212	Resp:	10782
Ion Ratio	Lower	Upper	
212	100		
106	8.0	6.0	9.0
104	4.7	3.5	5.3



#28
Fluoranthene
Concen: 0.025 ng
RT: 19.006 min Scan# 1963
Delta R.T. 0.002 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

Tgt Ion:	202	Resp:	766
Ion Ratio	Lower	Upper	
202	100		
101	0.0	5.2	7.8#
203	21.4	13.8	20.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.142 min Scan# 2409

Delta R.T. -0.007 min

Lab File: BN035213.D

Acq: 21 Nov 2024 01:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20241114

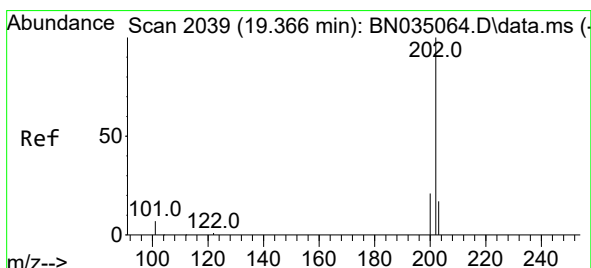
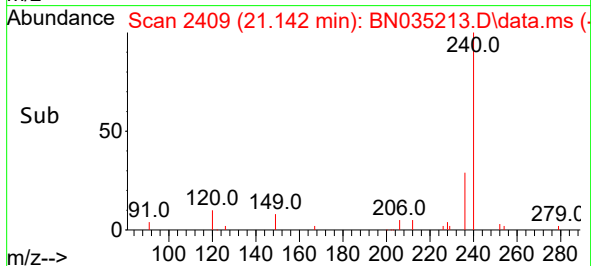
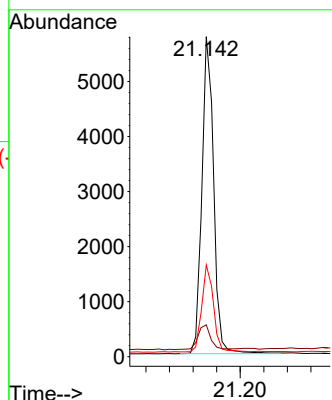
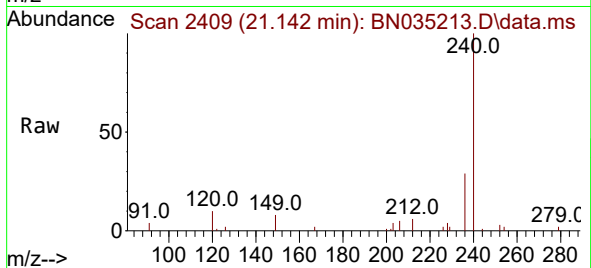
Tgt Ion:240 Resp: 7962

Ion Ratio Lower Upper

240 100

120 10.0 3.8 5.6#

236 28.7 22.2 33.2



#30

Pyrene

Concen: 0.027 ng

RT: 19.368 min Scan# 2041

Delta R.T. -0.002 min

Lab File: BN035213.D

Acq: 21 Nov 2024 01:25

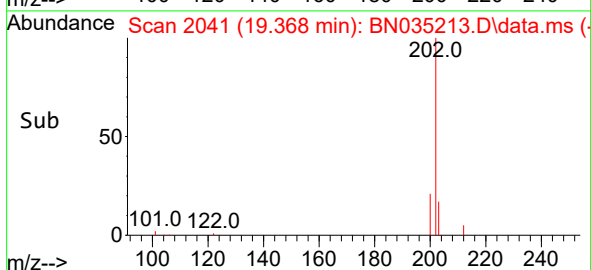
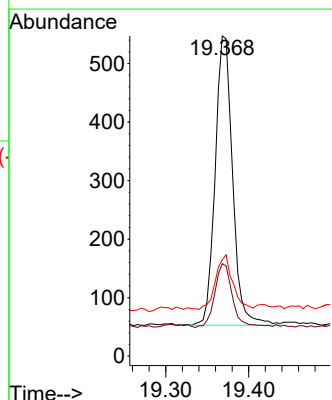
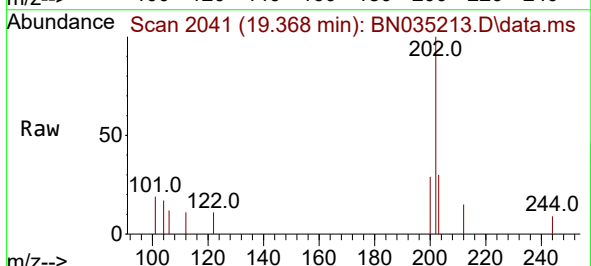
Tgt Ion:202 Resp: 722

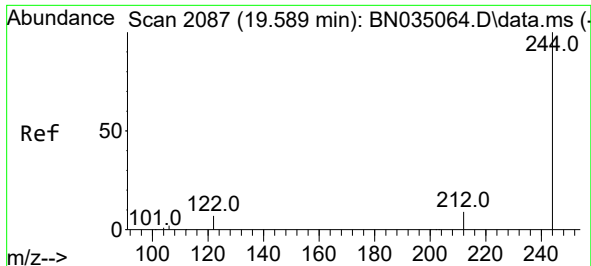
Ion Ratio Lower Upper

202 100

200 22.4 16.7 25.1

203 18.1 14.2 21.4

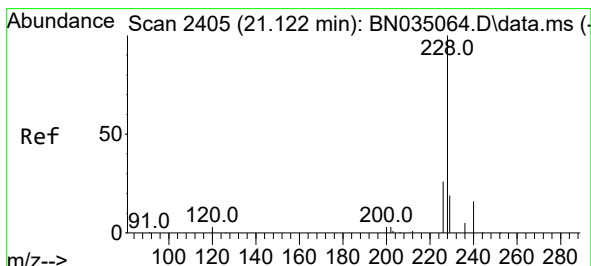
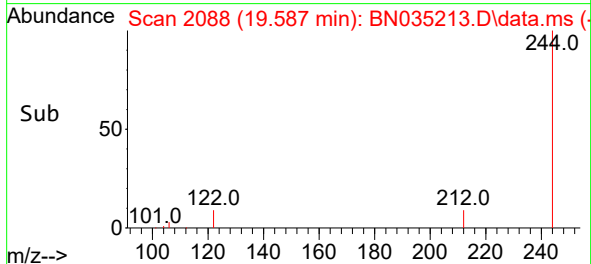
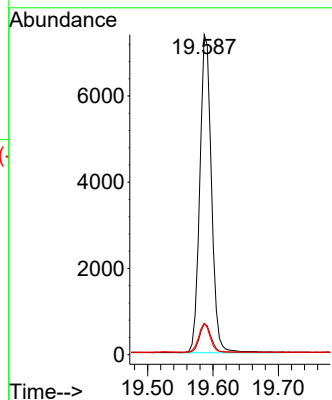
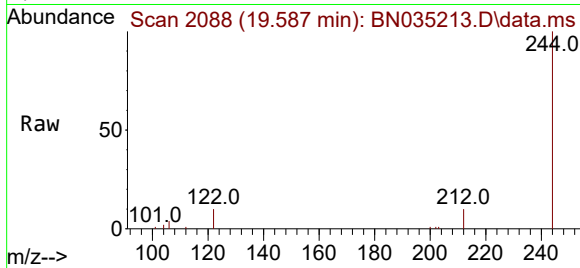




#31
Terphenyl-d14
Concen: 0.546 ng
RT: 19.587 min Scan# 2087
Delta R.T. -0.002 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

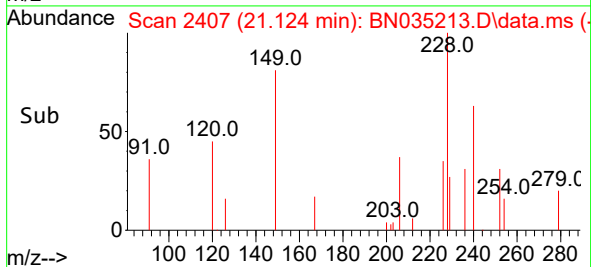
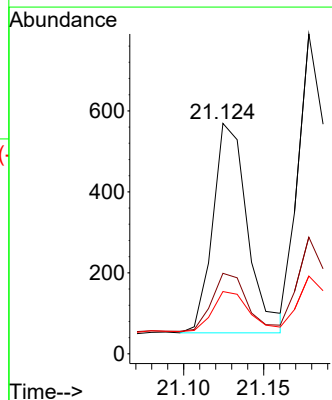
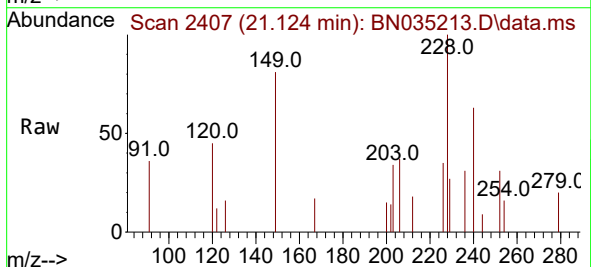
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20241114

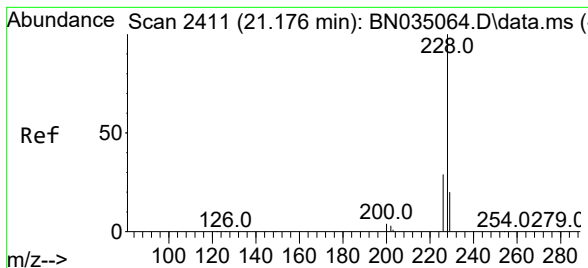
Tgt Ion:244 Resp: 9117
Ion Ratio Lower Upper
244 100
212 9.6 7.6 11.4
122 9.9 6.1 9.1#



#32
Benzo(a)anthracene
Concen: 0.028 ng
RT: 21.124 min Scan# 2407
Delta R.T. -0.007 min
Lab File: BN035213.D
Acq: 21 Nov 2024 01:25

Tgt Ion:228 Resp: 782
Ion Ratio Lower Upper
228 100
226 35.0 21.4 32.0#
229 27.1 15.7 23.5#





#33

Chrysene

Concen: 0.034 ng

RT: 21.178 min Scan# 2411

Delta R.T. -0.007 min

Lab File: BN035213.D

Acq: 21 Nov 2024 01:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20241114

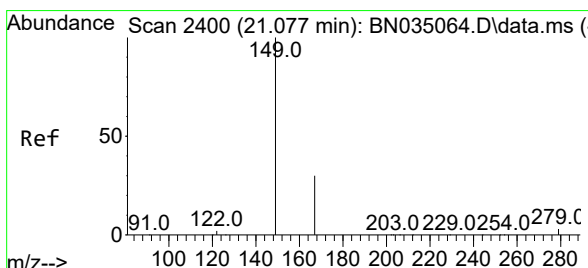
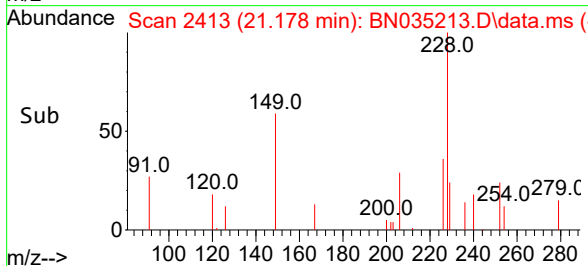
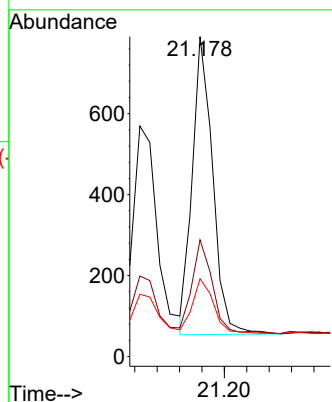
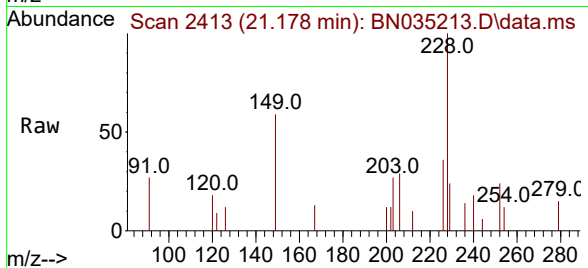
Tgt Ion:228 Resp: 932

Ion Ratio Lower Upper

228 100

226 36.5 23.7 35.5#

229 24.3 16.2 24.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.044 ng

RT: 21.089 min Scan# 2403

Delta R.T. 0.002 min

Lab File: BN035213.D

Acq: 21 Nov 2024 01:25

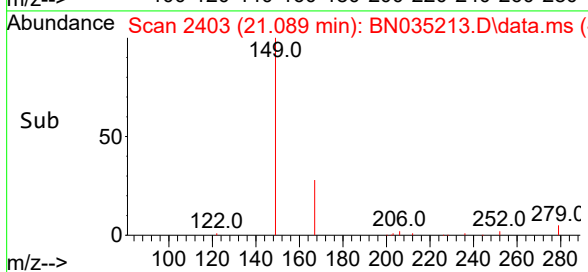
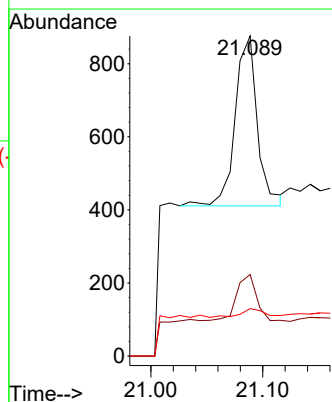
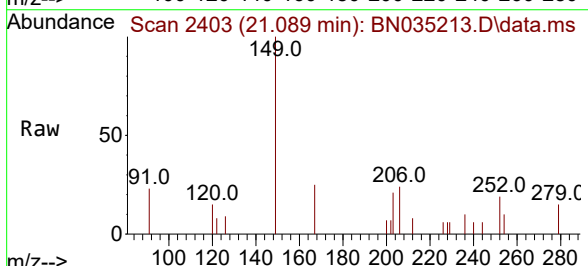
Tgt Ion:149 Resp: 645

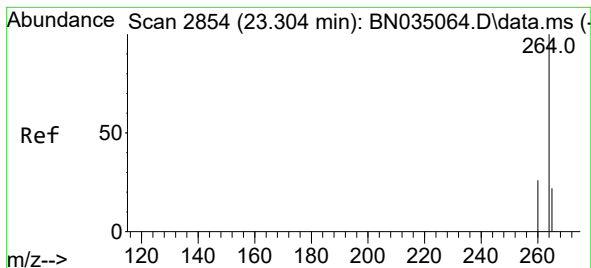
Ion Ratio Lower Upper

149 100

167 25.6 23.2 34.8

279 5.4 3.2 4.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.317 min Scan# 2

Delta R.T. -0.004 min

Lab File: BN035213.D

Acq: 21 Nov 2024 01:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20241114

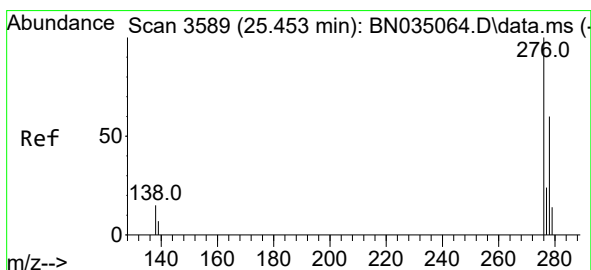
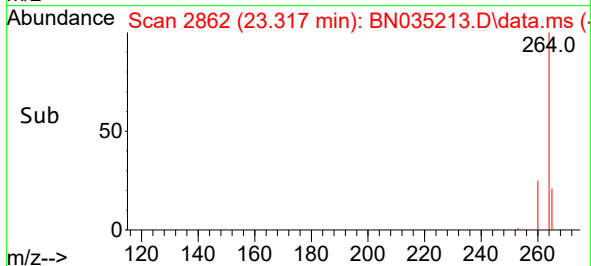
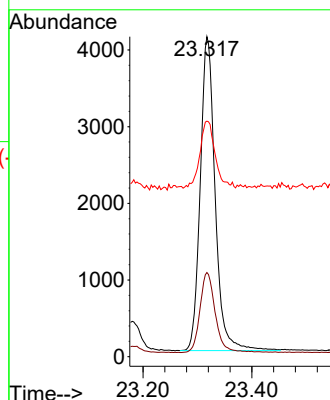
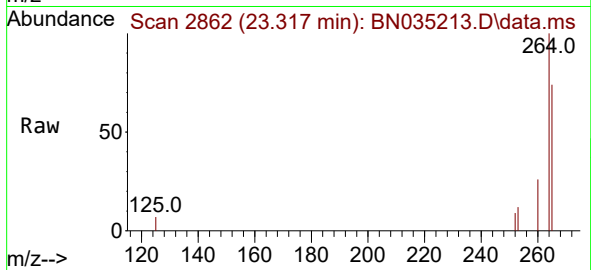
Tgt Ion:264 Resp: 7782

Ion Ratio Lower Upper

264 100

260 26.3 20.9 31.3

265 73.6 35.4 53.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.034 ng

RT: 25.475 min Scan# 3600

Delta R.T. -0.001 min

Lab File: BN035213.D

Acq: 21 Nov 2024 01:25

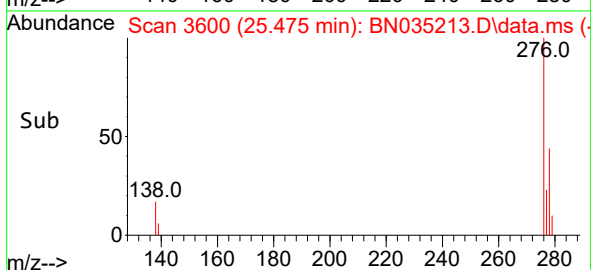
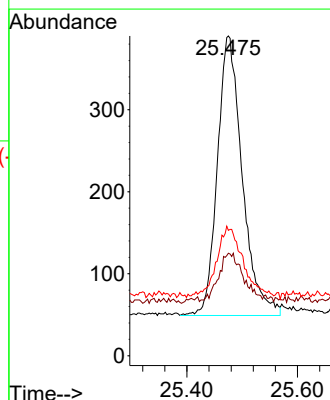
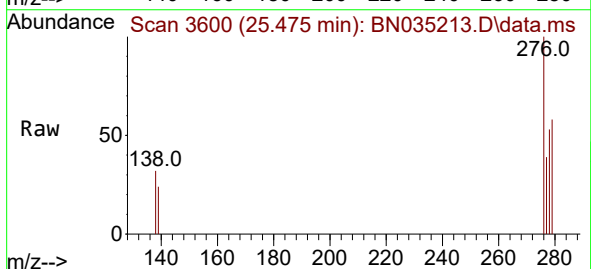
Tgt Ion:276 Resp: 1067

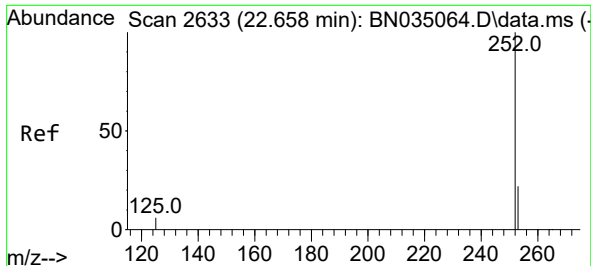
Ion Ratio Lower Upper

276 100

138 17.0 13.0 19.4

277 26.2 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.040 ng

RT: 22.671 min Scan# 2641

Delta R.T. -0.001 min

Lab File: BN035213.D

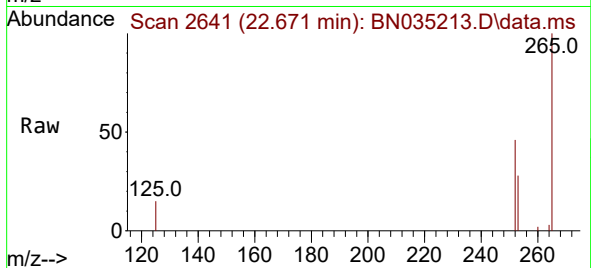
Acq: 21 Nov 2024 01:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20241114



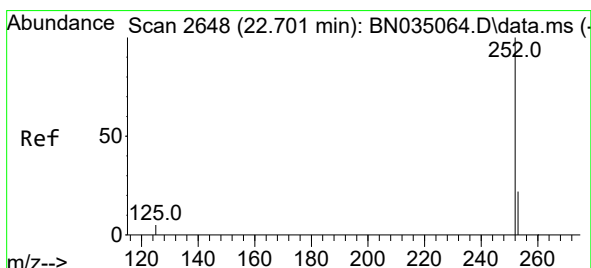
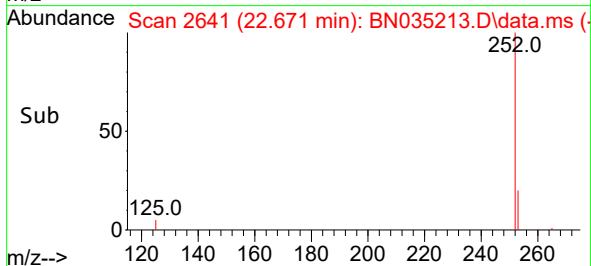
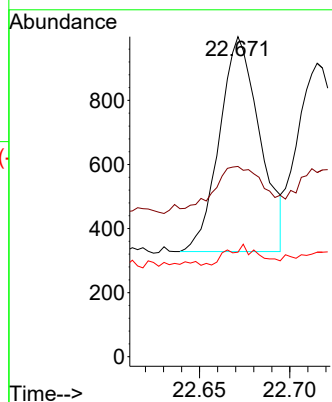
Tgt Ion:252 Resp: 1043

Ion Ratio Lower Upper

252 100

253 59.5 19.3 28.9#

125 32.6 6.2 9.2#



#38

Benzo(k)fluoranthene

Concen: 0.037 ng

RT: 22.715 min Scan# 2656

Delta R.T. -0.001 min

Lab File: BN035213.D

Acq: 21 Nov 2024 01:25

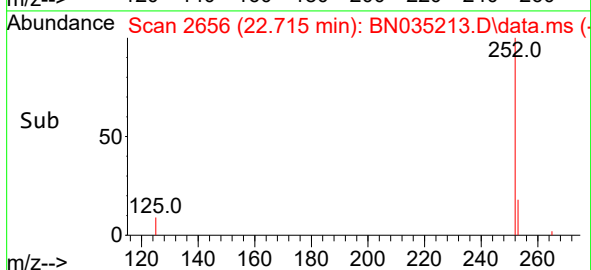
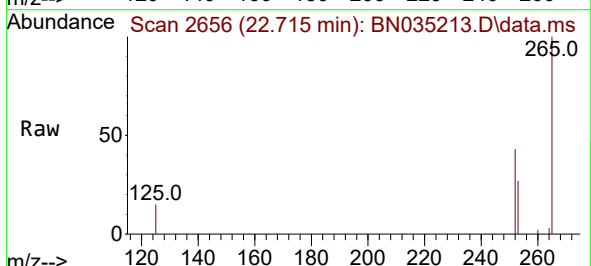
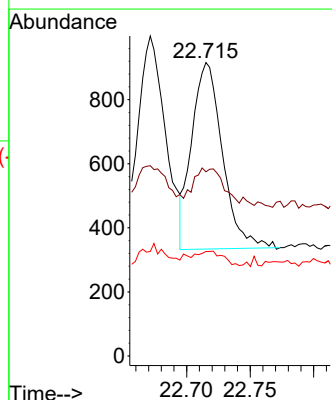
Tgt Ion:252 Resp: 982

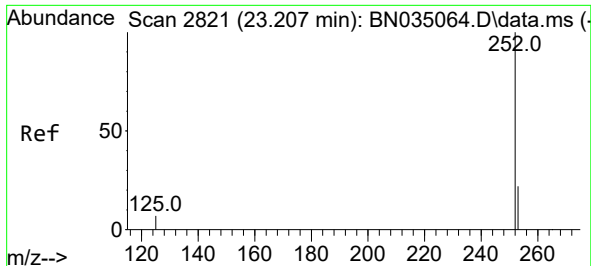
Ion Ratio Lower Upper

252 100

253 62.8 19.5 29.3#

125 35.6 6.5 9.7#





#39

Benzo(a)pyrene

Concen: 0.029 ng

RT: 23.224 min Scan# 21

Delta R.T. -0.001 min

Lab File: BN035213.D

Acq: 21 Nov 2024 01:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20241114

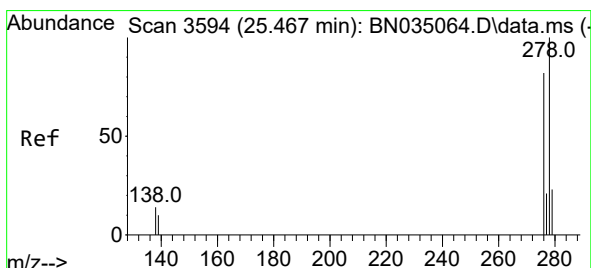
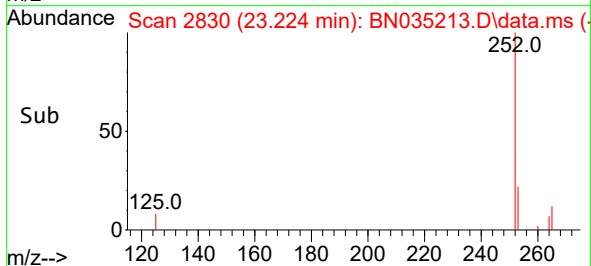
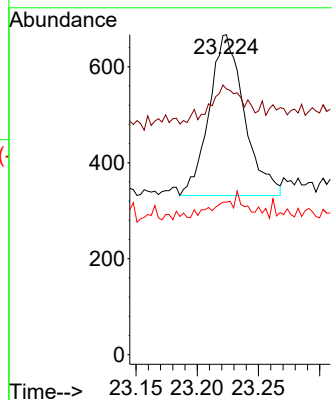
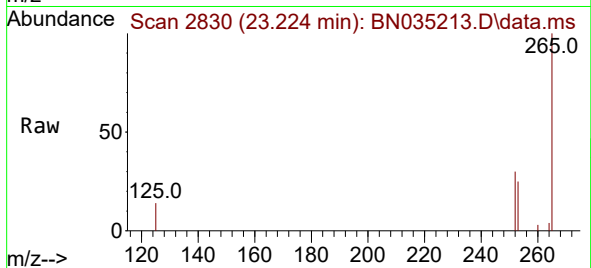
Tgt Ion:252 Resp: 671

Ion Ratio Lower Upper

252 100

253 83.1 20.1 30.1#

125 47.7 7.5 11.3#



#40

Dibenzo(a,h)anthracene

Concen: 0.030 ng

RT: 25.493 min Scan# 3606

Delta R.T. 0.002 min

Lab File: BN035213.D

Acq: 21 Nov 2024 01:25

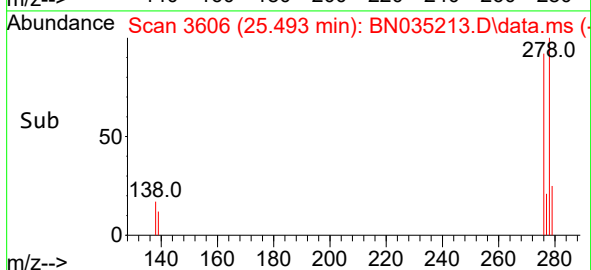
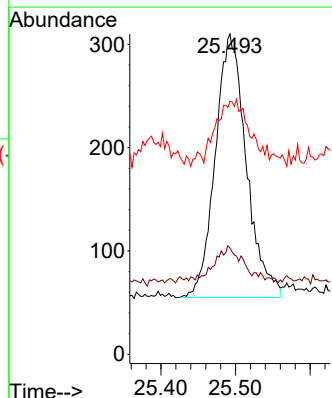
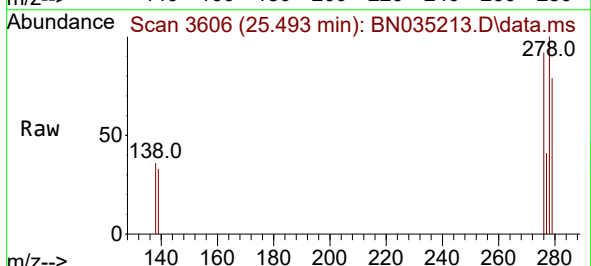
Tgt Ion:278 Resp: 737

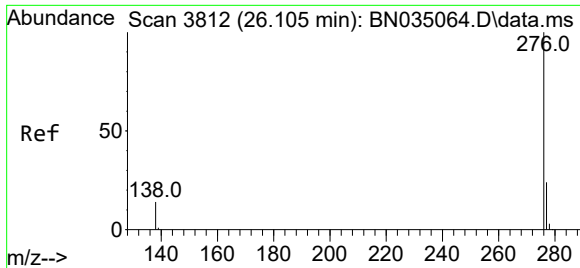
Ion Ratio Lower Upper

278 100

139 33.2 9.3 13.9#

279 79.0 19.7 29.5#





#41

Benzo(g,h,i)perylene

Concen: 0.033 ng

RT: 26.127 min Scan# 3812

Delta R.T. -0.004 min

Lab File: BN035213.D

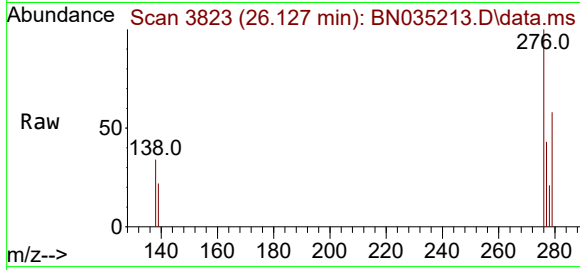
Acq: 21 Nov 2024 01:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20241114



Tgt Ion:276 Resp: 873

Ion Ratio Lower Upper

276 100

277 42.7 19.9 29.9#

138 33.8 11.6 17.4#

