

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
 Data File : BN035224.D
 Acq On : 21 Nov 2024 16:24
 Operator : RC/JU
 Sample : P4868-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20241114

Quant Time: Nov 21 16:51:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:00:03 2024
 Response via : Initial Calibration

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

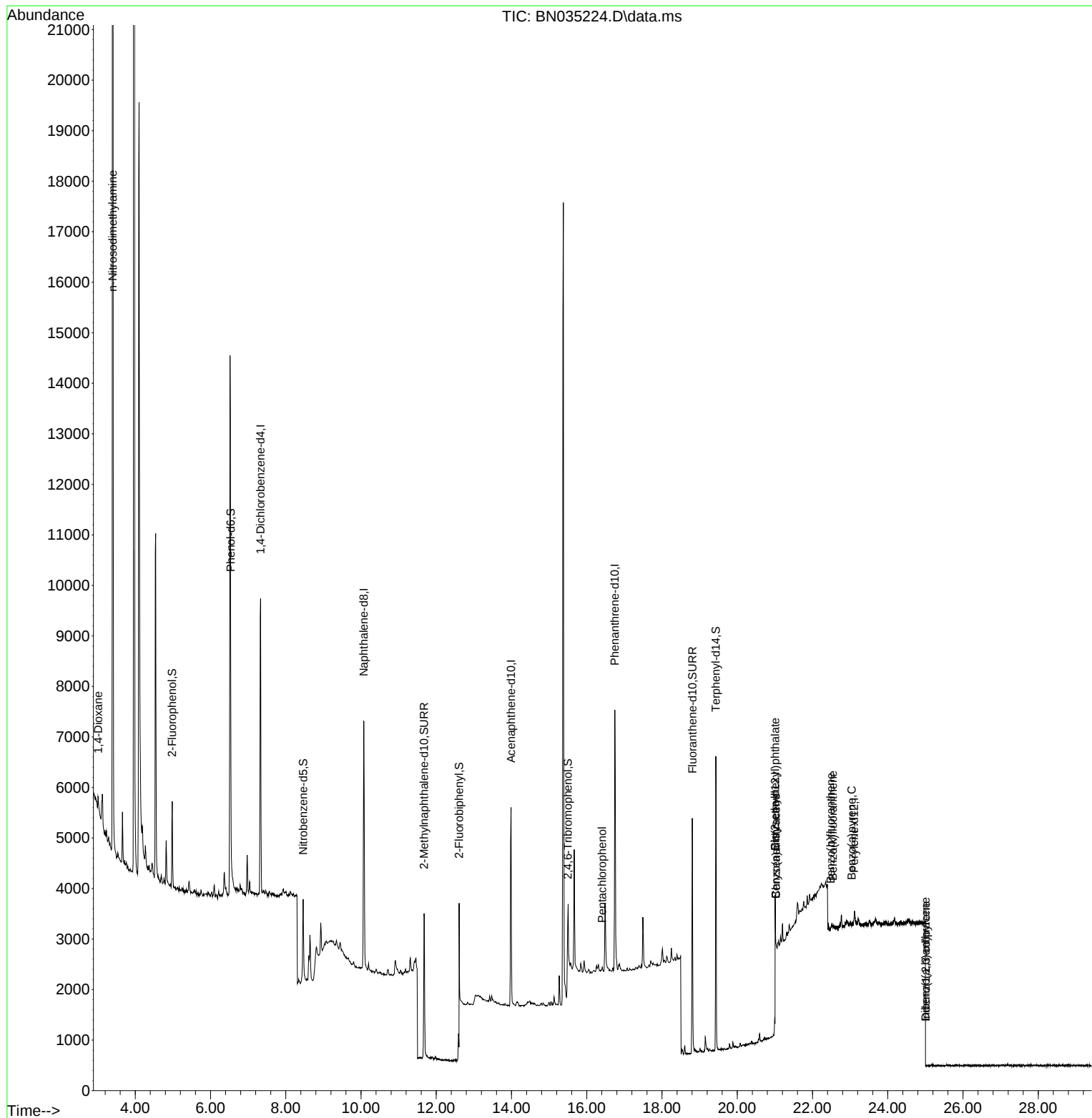
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.329	152	2785	0.400	ng	0.00
7) Naphthalene-d8	10.073	136	6599	0.400	ng	# 0.00
13) Acenaphthene-d10	13.987	164	2228	0.400	ng	0.00
19) Phenanthrene-d10	16.746	188	7426	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	966	0.400	ng	# 0.00
35) Perylene-d12	23.107	264	110	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.982	112	1312	0.186	ng	0.00
5) Phenol-d6	6.534	99	856	0.097	ng	0.00
8) Nitrobenzene-d5	8.461	82	1650	0.287	ng	0.00
11) 2-Methylnaphthalene-d10	11.677	152	3946	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.494	330	1379	0.858	ng	0.00
15) 2-Fluorobiphenyl	12.607	172	1372	0.152	ng	0.00
27) Fluoranthene-d10	18.806	212	5165	0.227	ng	0.00
31) Terphenyl-d14	19.433	244	5492	2.709	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.017	88	247	0.098	ng	# 32
3) n-Nitrosodimethylamine	3.400	42	1697	0.720	ng	# 1
24) Pentachlorophenol	16.411	266	50	0.022	ng	89
32) Benzo(a)anthracene	21.026	228	294	0.087	ng	# 1
33) Chrysene	21.026	228	294	0.088	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	957	0.542	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.010	276	54	0.123	ng	# 1
37) Benzo(b)fluoranthene	22.484	252	11	0.030	ng	# 1
38) Benzo(k)fluoranthene	22.542	252	12	0.032	ng	# 1
39) Benzo(a)pyrene	23.039	252	20	0.061	ng	# 1
40) Dibenzo(a,h)anthracene	25.004	278	29	0.083	ng	# 1

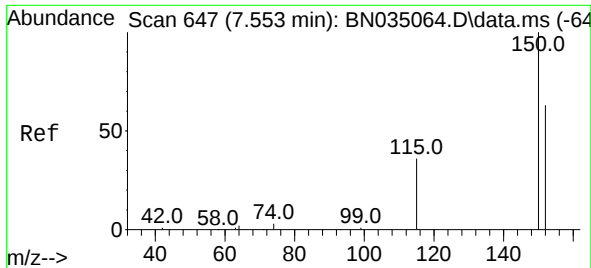
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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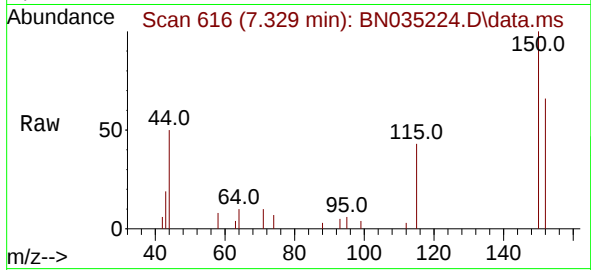
Quant Time: Nov 21 16:51:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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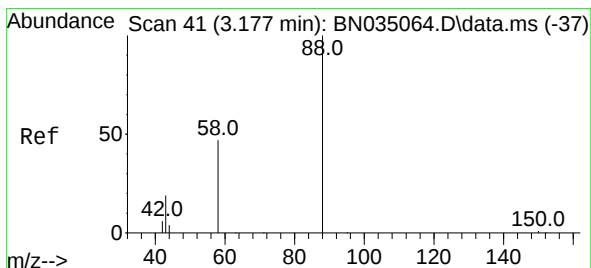
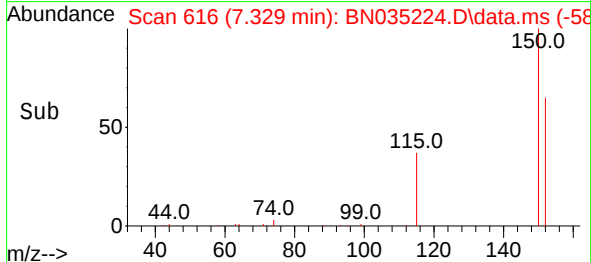
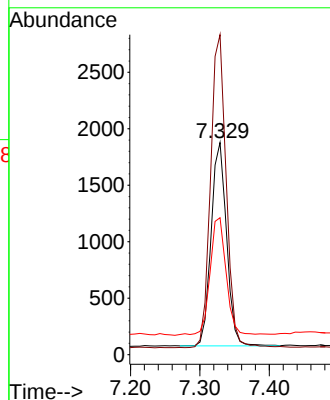


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.329 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN035224.D
Acq: 21 Nov 2024 16:24

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20241114

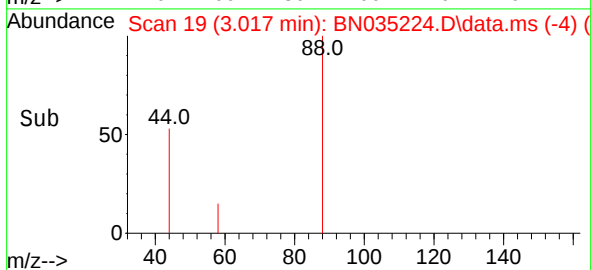
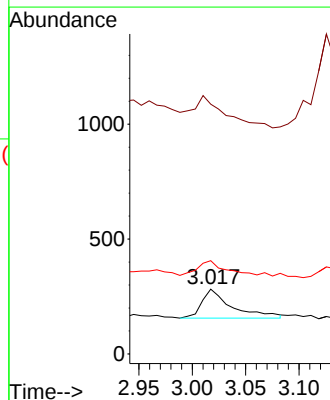
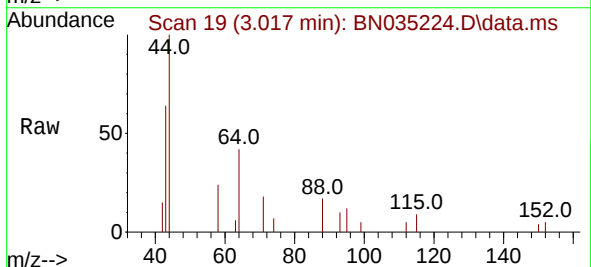


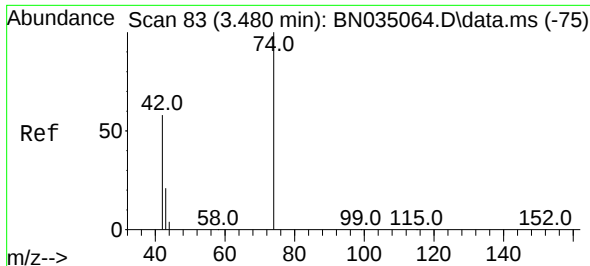
Tgt Ion:152 Resp: 2785
Ion Ratio Lower Upper
152 100
150 150.8 124.5 186.7
115 64.6 47.8 71.6



#2
1,4-Dioxane
Concen: 0.098 ng
RT: 3.017 min Scan# 19
Delta R.T. 0.007 min
Lab File: BN035224.D
Acq: 21 Nov 2024 16:24

Tgt Ion: 88 Resp: 247
Ion Ratio Lower Upper
88 100
43 119.8 16.9 25.3#
58 44.1 39.0 58.4





#3

n-Nitrosodimethylamine

Concen: 0.720 ng

RT: 3.400 min Scan# 71

Delta R.T. 0.093 min

Lab File: BN035224.D

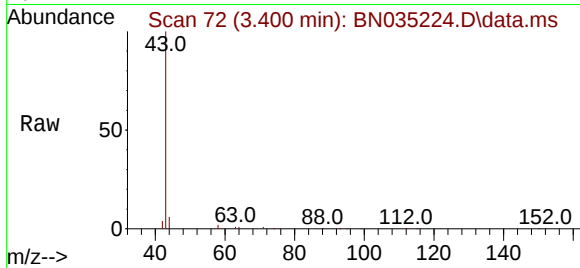
Acq: 21 Nov 2024 16:24

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20241114



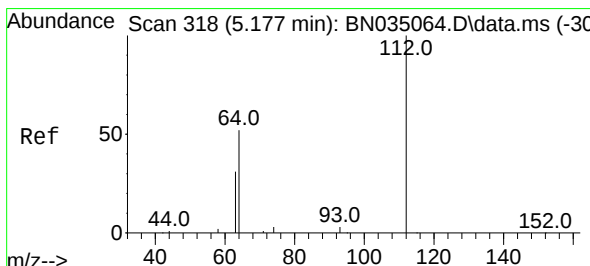
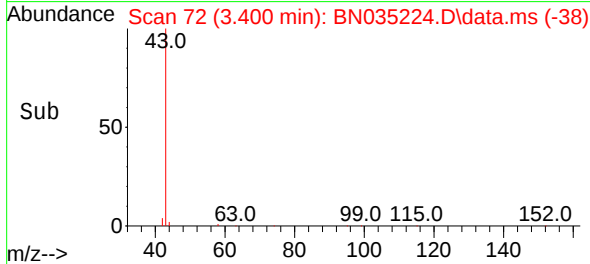
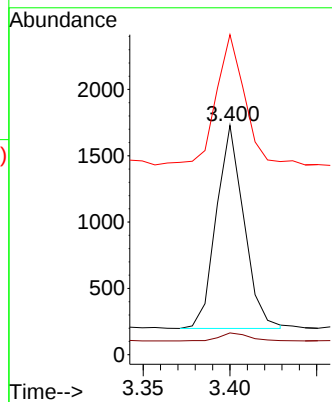
Tgt Ion: 42 Resp: 1697

Ion Ratio Lower Upper

42 100

74 4.2 120.8 181.2#

44 65.4 2.9 4.3#



#4

2-Fluorophenol

Concen: 0.186 ng

RT: 4.982 min Scan# 291

Delta R.T. -0.001 min

Lab File: BN035224.D

Acq: 21 Nov 2024 16:24

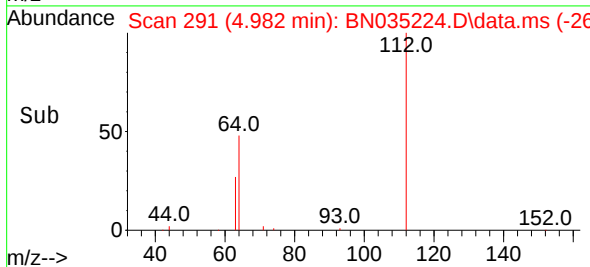
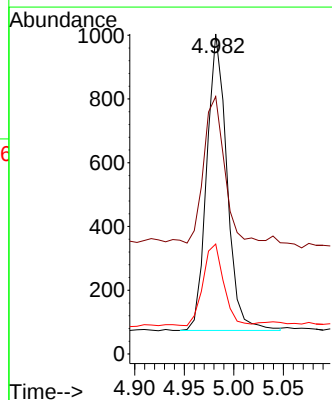
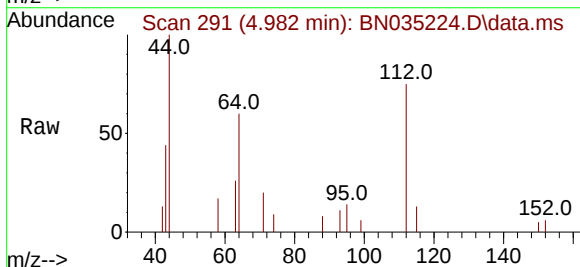
Tgt Ion: 112 Resp: 1312

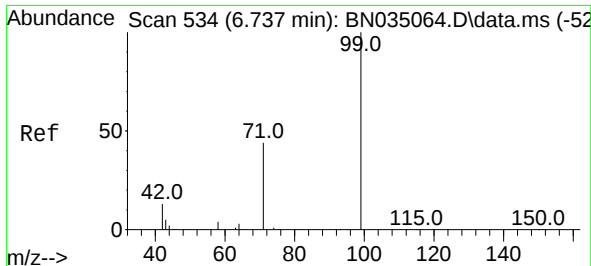
Ion Ratio Lower Upper

112 100

64 47.9 39.7 59.5

63 27.8 23.0 34.4

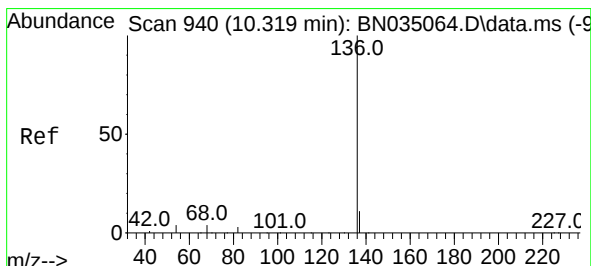
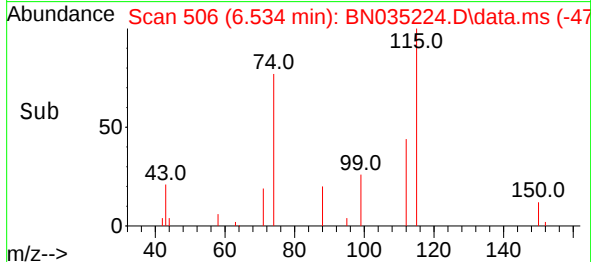
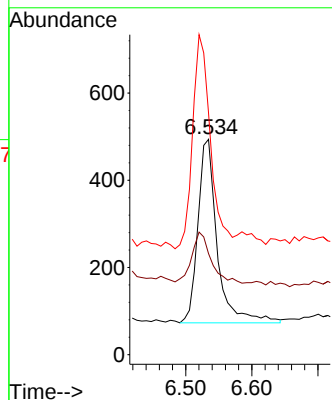
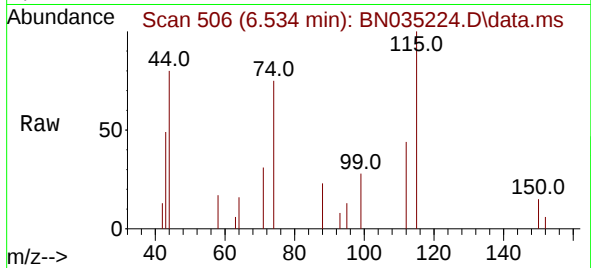




#5
Phenol-d6
Concen: 0.097 ng
RT: 6.534 min Scan# 506
Delta R.T. 0.007 min
Lab File: BN035224.D
Acq: 21 Nov 2024 16:24

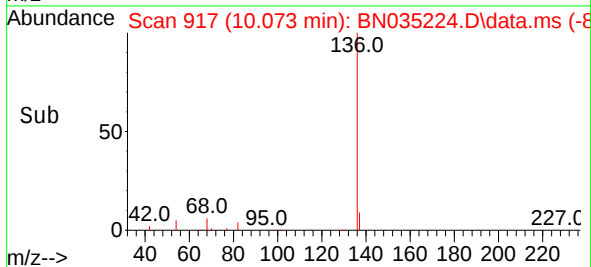
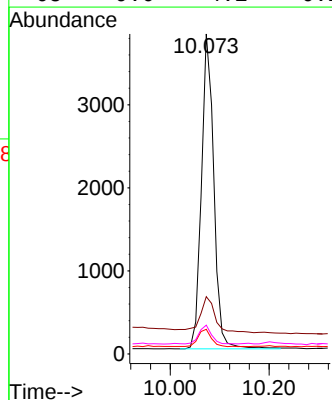
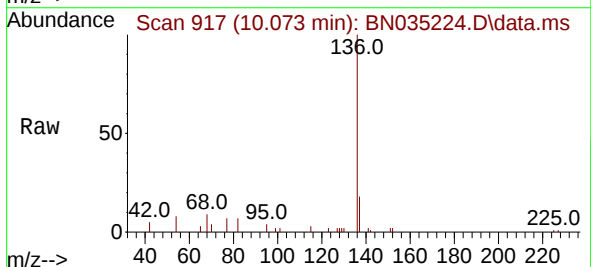
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20241114

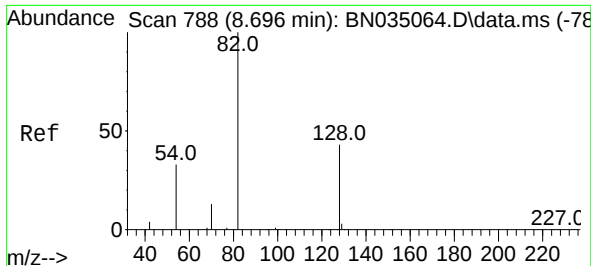
Tgt Ion: 99 Resp: 856
Ion Ratio Lower Upper
99 100
42 28.4 11.4 17.0#
71 108.5 34.6 51.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.073 min Scan# 917
Delta R.T. -0.001 min
Lab File: BN035224.D
Acq: 21 Nov 2024 16:24

Tgt Ion: 136 Resp: 6599
Ion Ratio Lower Upper
136 100
137 17.9 9.8 14.8#
54 7.7 4.0 6.0#
68 9.0 4.2 6.2#

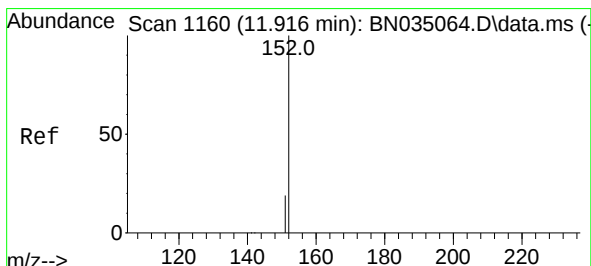
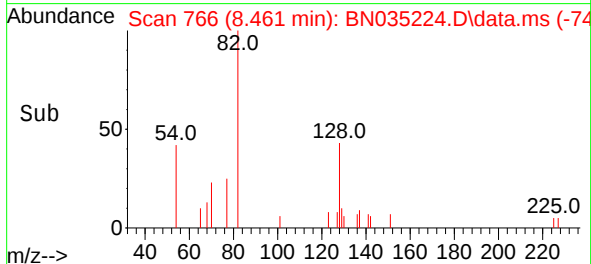
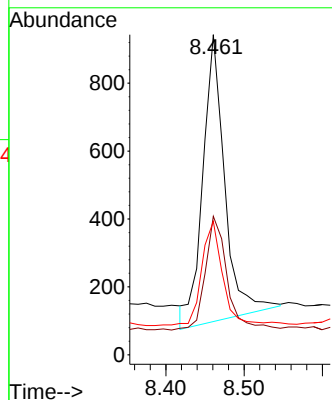
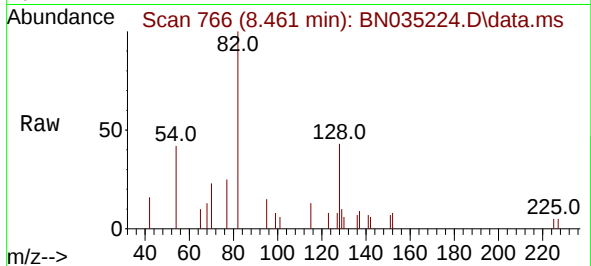




#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.461 min Scan# 7
Delta R.T. -0.001 min
Lab File: BN035224.D
Acq: 21 Nov 2024 16:24

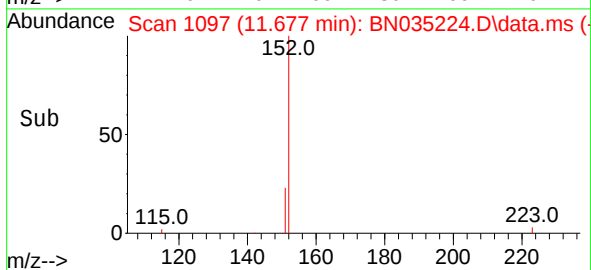
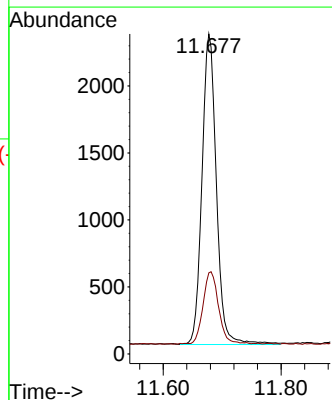
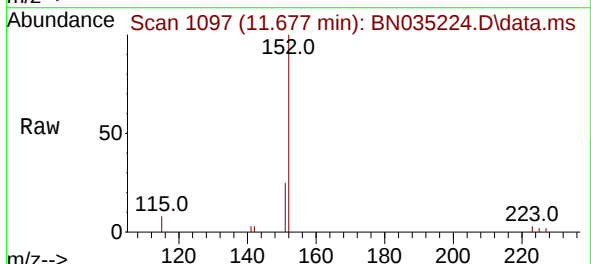
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20241114

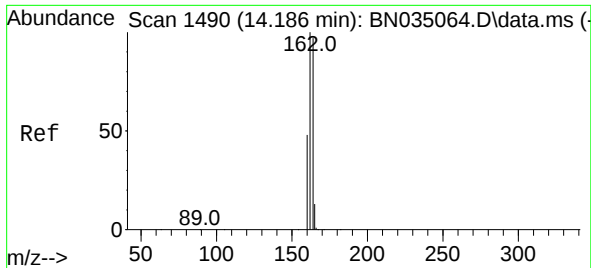
Tgt Ion: 82 Resp: 1650
Ion Ratio Lower Upper
82 100
128 43.3 36.5 54.7
54 41.7 28.7 43.1



#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 11.677 min Scan# 1097
Delta R.T. -0.001 min
Lab File: BN035224.D
Acq: 21 Nov 2024 16:24

Tgt Ion:152 Resp: 3946
Ion Ratio Lower Upper
152 100
151 25.4 16.2 24.4#

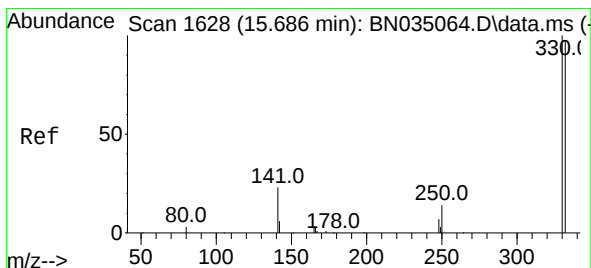
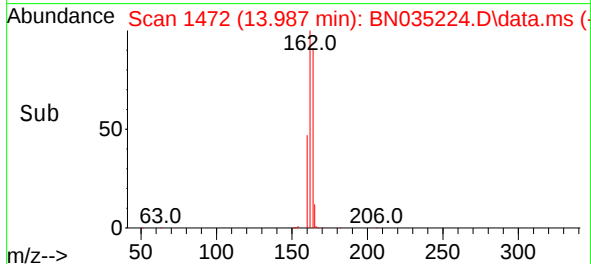
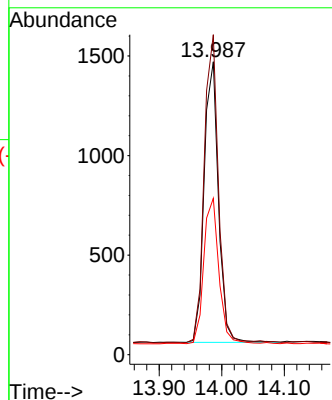
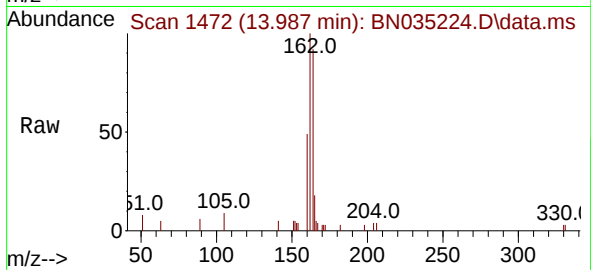




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.987 min Scan# 14
Delta R.T. -0.001 min
Lab File: BN035224.D
Acq: 21 Nov 2024 16:24

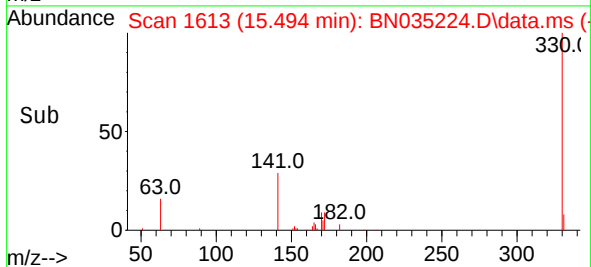
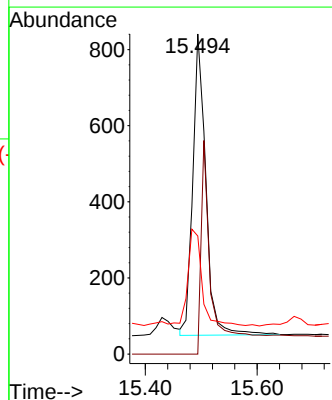
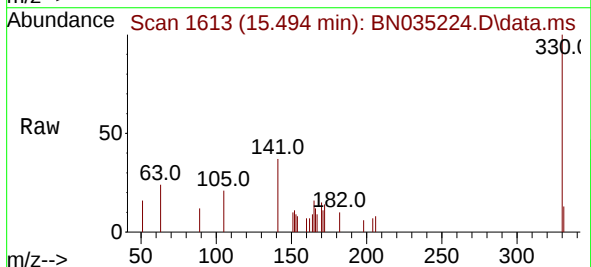
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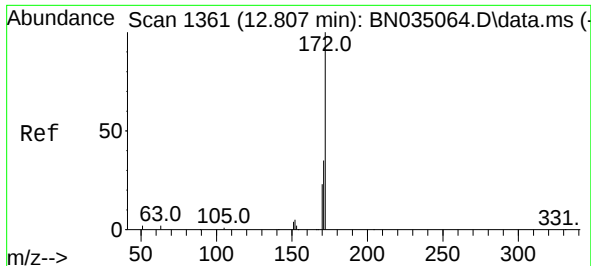
Tgt Ion:164 Resp: 2228
Ion Ratio Lower Upper
164 100
162 109.2 82.2 123.2
160 53.4 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.858 ng
RT: 15.494 min Scan# 1613
Delta R.T. -0.001 min
Lab File: BN035224.D
Acq: 21 Nov 2024 16:24

Tgt Ion:330 Resp: 1379
Ion Ratio Lower Upper
330 100
332 0.0 76.9 115.3#
141 35.0 29.6 44.4





#15

2-Fluorobiphenyl

Concen: 0.152 ng

RT: 12.607 min Scan# 1

Delta R.T. -0.001 min

Lab File: BN035224.D

Acq: 21 Nov 2024 16:24

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20241114

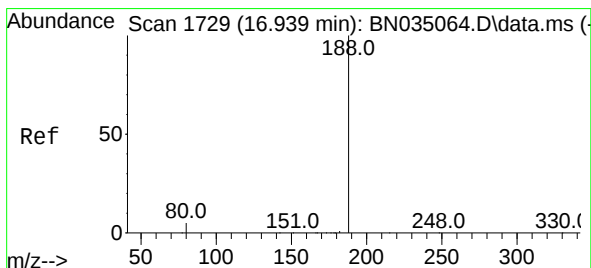
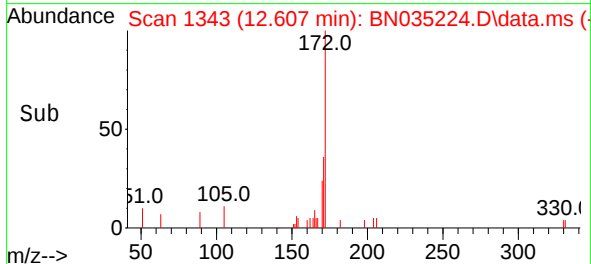
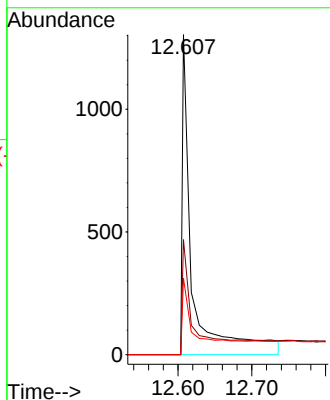
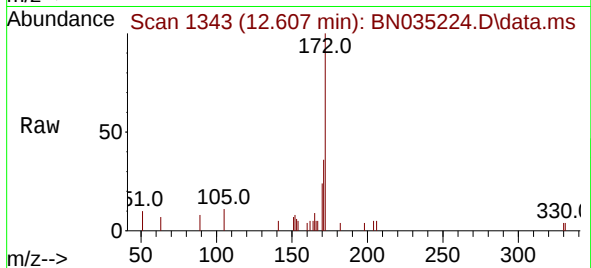
Tgt Ion:172 Resp: 1372

Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.4

170 23.8 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.746 min Scan# 1714

Delta R.T. -0.001 min

Lab File: BN035224.D

Acq: 21 Nov 2024 16:24

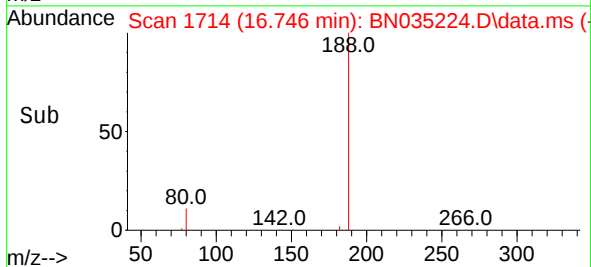
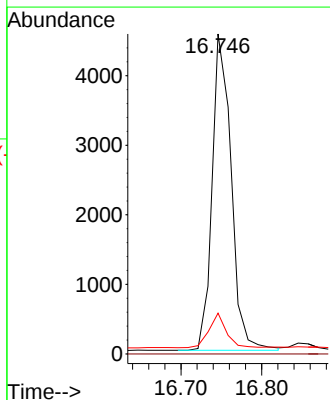
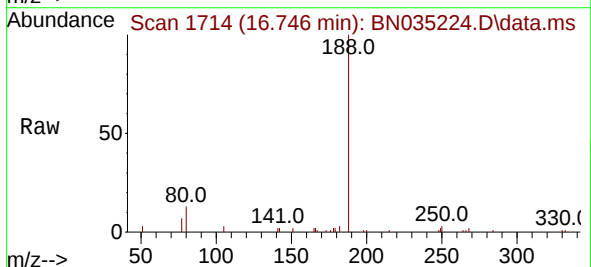
Tgt Ion:188 Resp: 7426

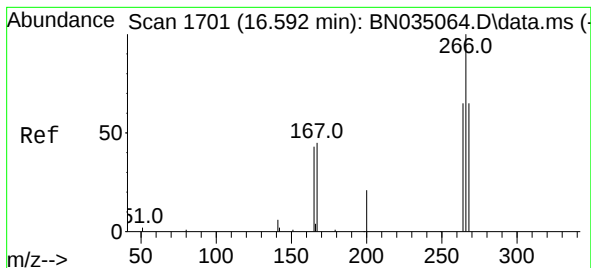
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 4.3 6.5#





#24

Pentachlorophenol

Concen: 0.022 ng

RT: 16.411 min Scan# 1

Delta R.T. -0.001 min

Lab File: BN035224.D

Acq: 21 Nov 2024 16:24

Instrument :

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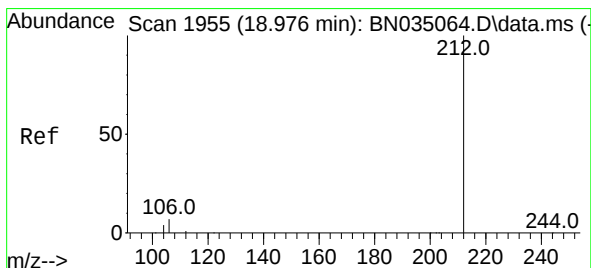
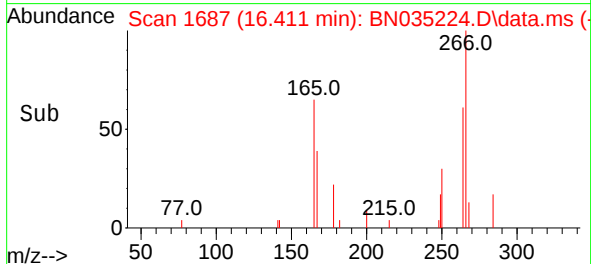
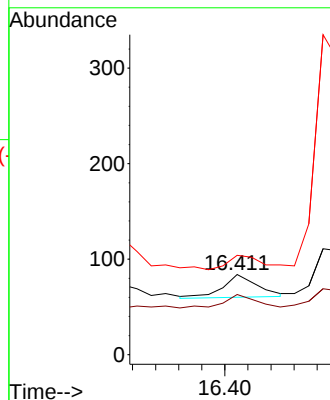
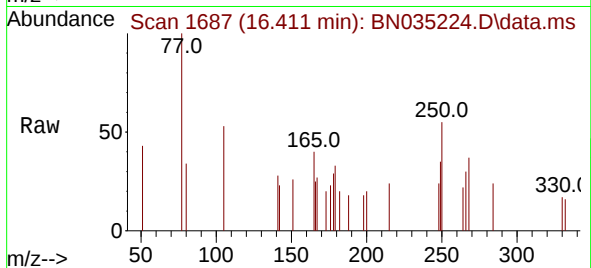
Tgt Ion:266 Resp: 50

Ion Ratio Lower Upper

266 100

264 54.0 49.4 74.0

268 56.0 52.6 79.0



#27

Fluoranthene-d10

Concen: 0.227 ng

RT: 18.806 min Scan# 1920

Delta R.T. -0.001 min

Lab File: BN035224.D

Acq: 21 Nov 2024 16:24

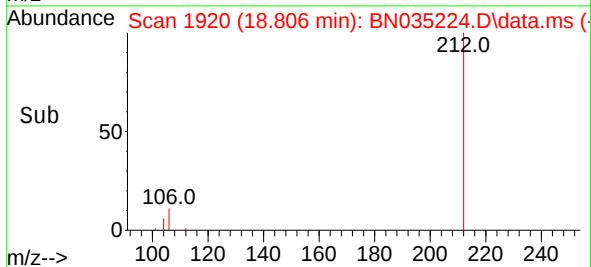
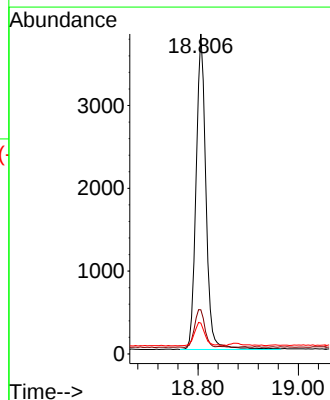
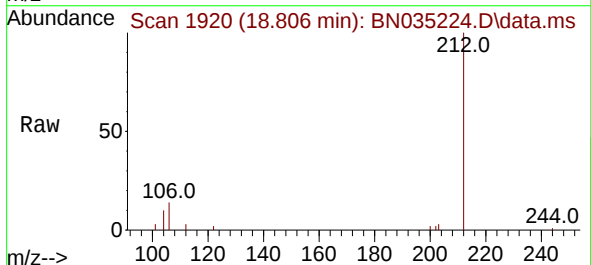
Tgt Ion:212 Resp: 5165

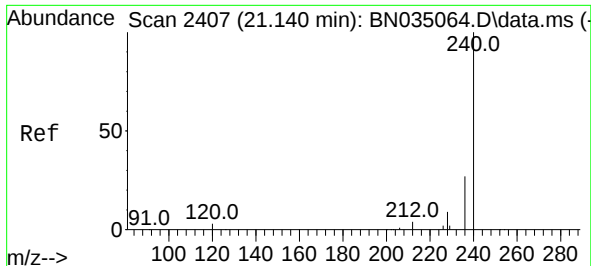
Ion Ratio Lower Upper

212 100

106 12.5 6.0 9.0#

104 7.9 3.5 5.3#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 2407

Delta R.T. -0.001 min

Lab File: BN035224.D

Acq: 21 Nov 2024 16:24

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20241114

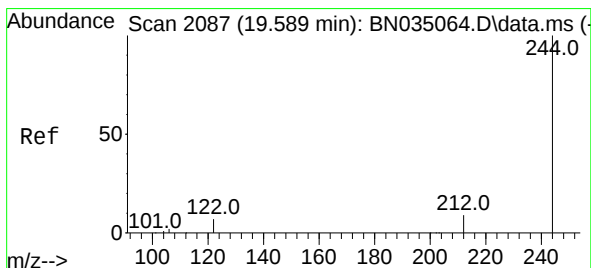
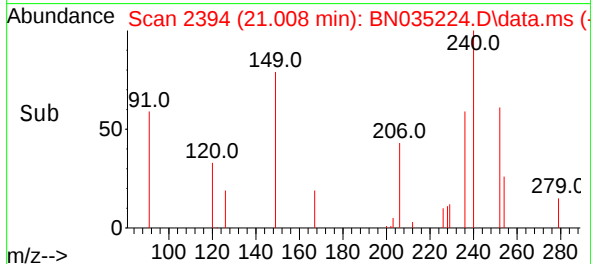
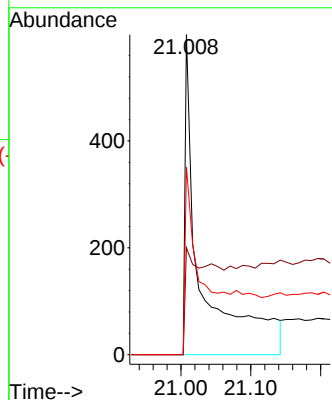
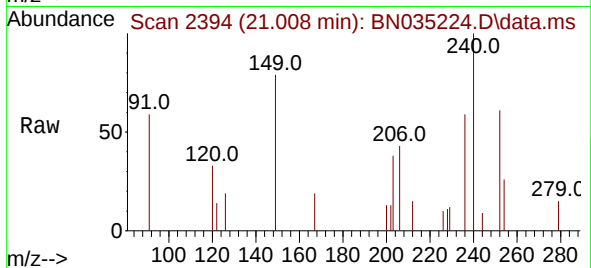
Tgt Ion:240 Resp: 966

Ion Ratio Lower Upper

240 100

120 33.4 3.8 5.6#

236 58.6 22.2 33.2#



#31

Terphenyl-d14

Concen: 2.709 ng

RT: 19.433 min Scan# 2055

Delta R.T. -0.005 min

Lab File: BN035224.D

Acq: 21 Nov 2024 16:24

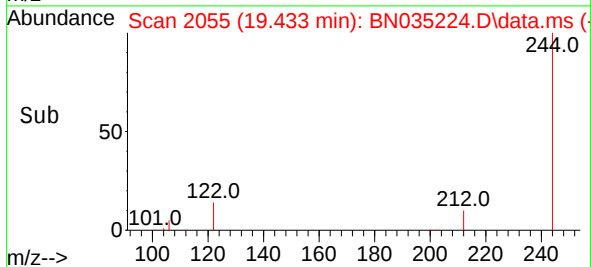
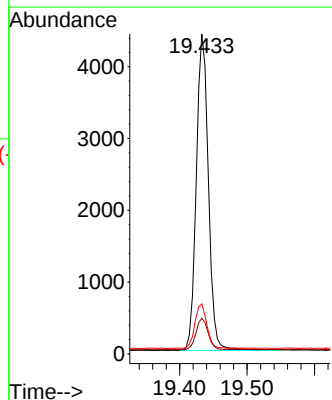
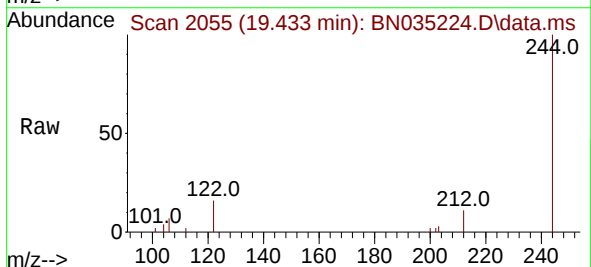
Tgt Ion:244 Resp: 5492

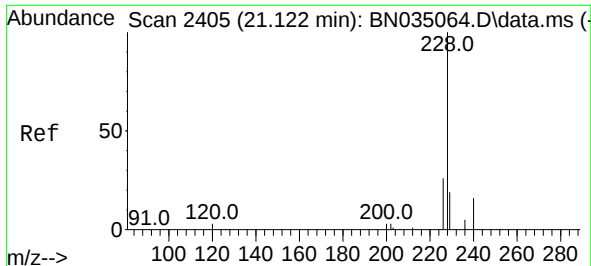
Ion Ratio Lower Upper

244 100

212 11.2 7.6 11.4

122 15.6 6.1 9.1#

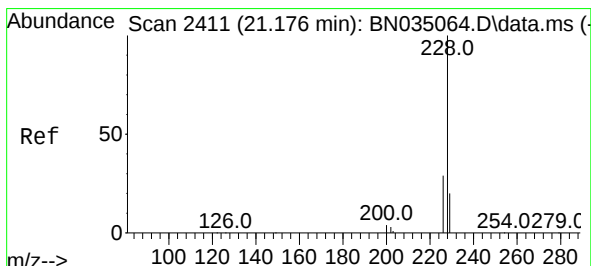
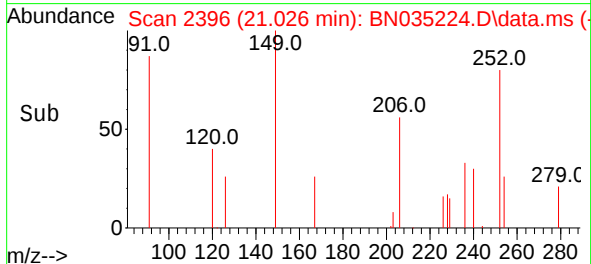
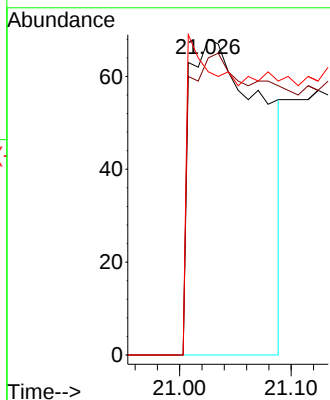
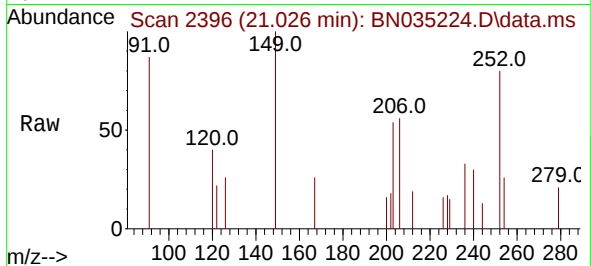




#32
Benzo(a)anthracene
Concen: 0.087 ng
RT: 21.026 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BN035224.D
Acq: 21 Nov 2024 16:24

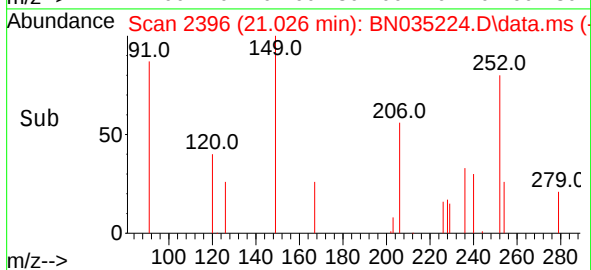
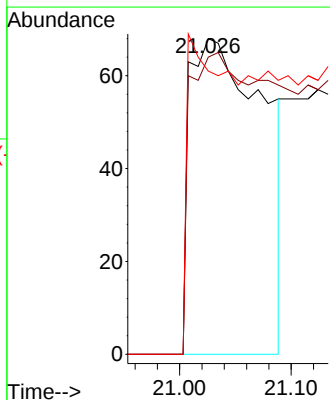
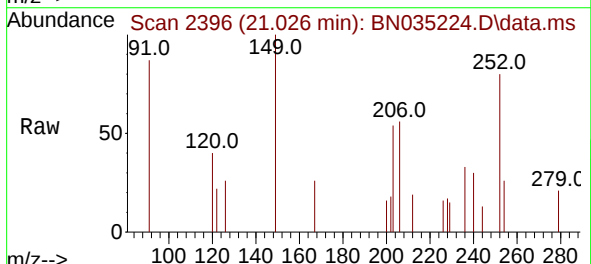
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20241114

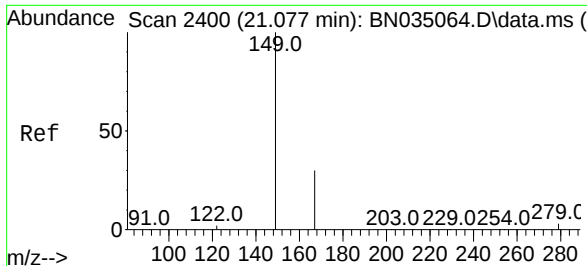
Tgt Ion:228 Resp: 294
Ion Ratio Lower Upper
228 100
226 94.1 21.4 32.0#
229 89.7 15.7 23.5#



#33
Chrysene
Concen: 0.088 ng
RT: 21.026 min Scan# 2396
Delta R.T. -0.009 min
Lab File: BN035224.D
Acq: 21 Nov 2024 16:24

Tgt Ion:228 Resp: 294
Ion Ratio Lower Upper
228 100
226 94.1 23.7 35.5#
229 89.7 16.2 24.4#

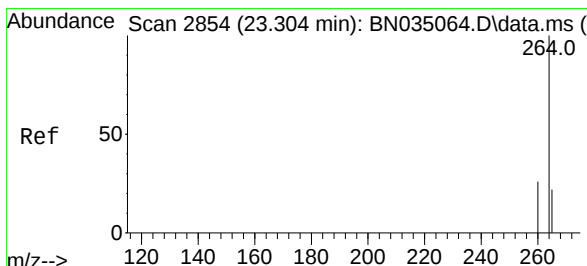
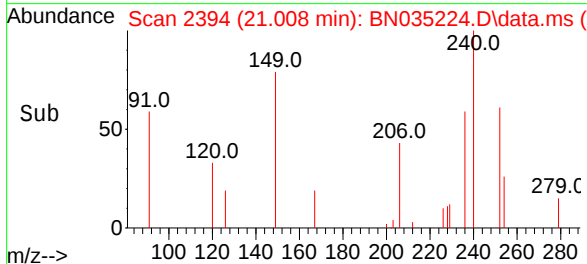
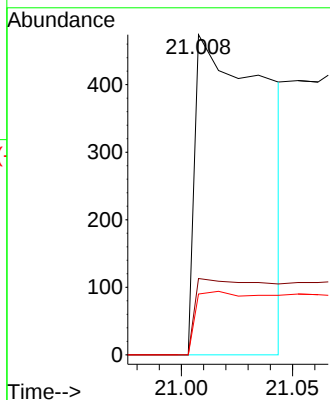
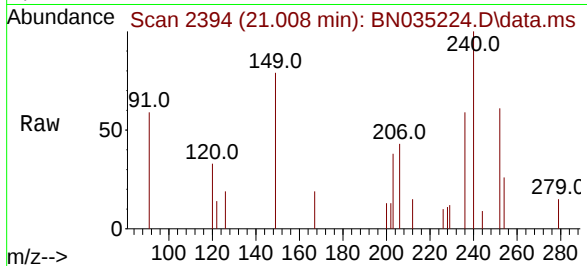




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.542 ng
 RT: 21.008 min Scan# 2400
 Delta R.T. -0.018 min
 Lab File: BN035224.D
 Acq: 21 Nov 2024 16:24

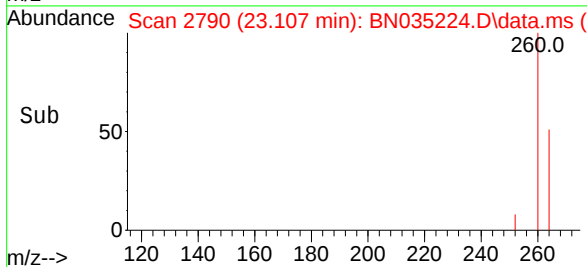
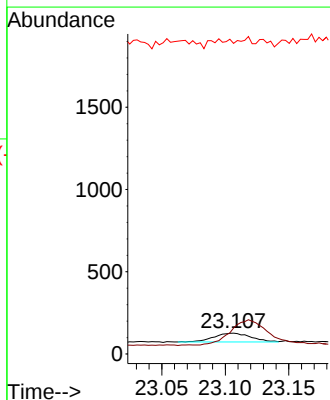
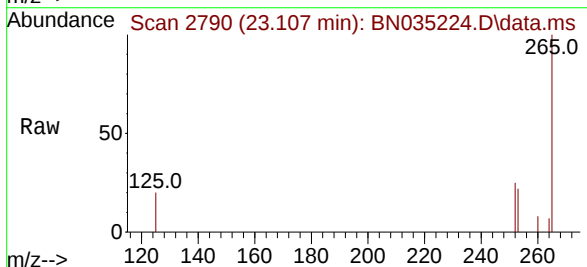
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20241114

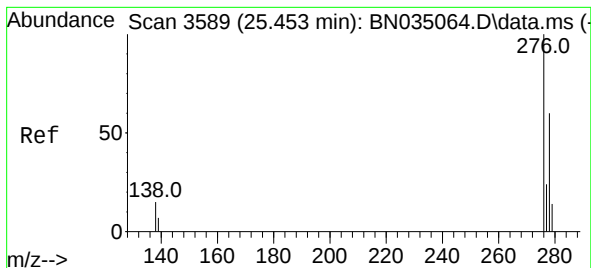
Tgt Ion:149 Resp: 957
 Ion Ratio Lower Upper
 149 100
 167 25.5 23.2 34.8
 279 16.3 3.2 4.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.107 min Scan# 2790
 Delta R.T. 0.002 min
 Lab File: BN035224.D
 Acq: 21 Nov 2024 16:24

Tgt Ion:264 Resp: 110
 Ion Ratio Lower Upper
 264 100
 260 124.4 20.9 31.3#
 265 1487.4 35.4 53.2#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.123 ng

RT: 25.010 min Scan# 34

Delta R.T. -0.147 min

Lab File: BN035224.D

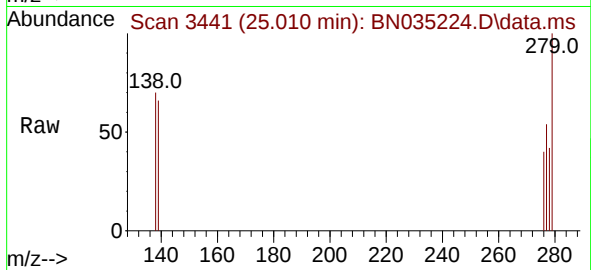
Acq: 21 Nov 2024 16:24

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20241114



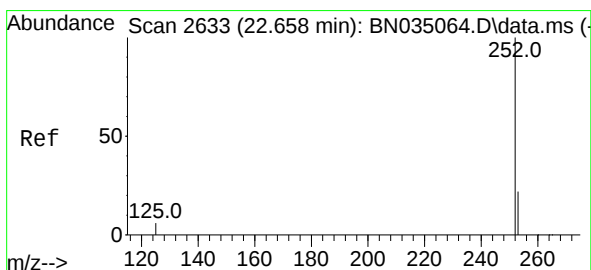
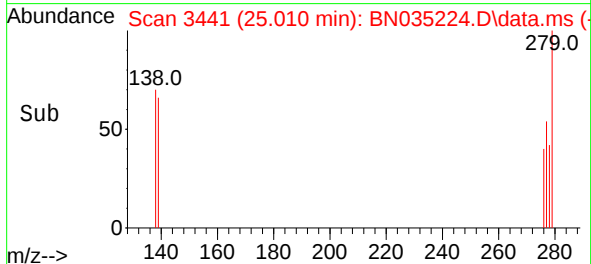
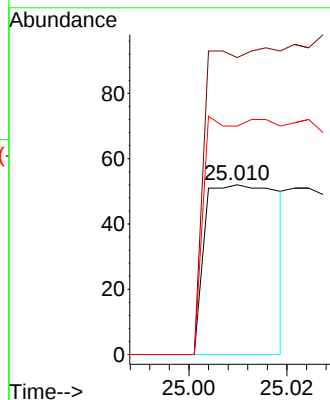
Tgt Ion:276 Resp: 54

Ion Ratio Lower Upper

276 100

138 90.7 13.0 19.4#

277 68.5 19.8 29.6#



#37

Benzo(b)fluoranthene

Concen: 0.030 ng

RT: 22.484 min Scan# 2577

Delta R.T. -0.003 min

Lab File: BN035224.D

Acq: 21 Nov 2024 16:24

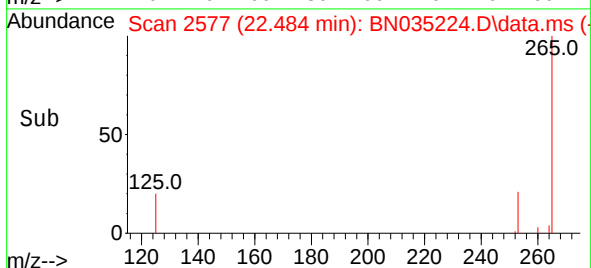
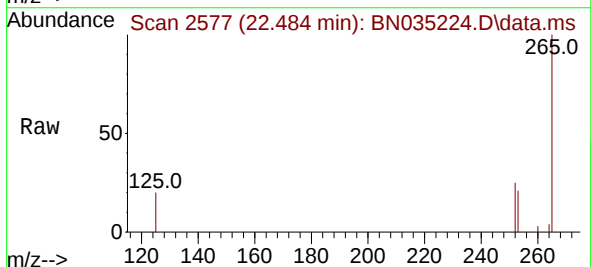
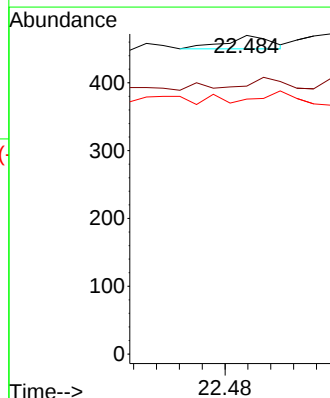
Tgt Ion:252 Resp: 11

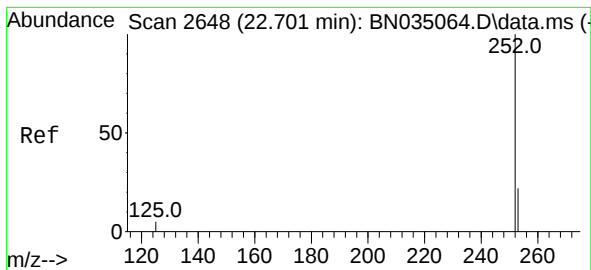
Ion Ratio Lower Upper

252 100

253 84.0 19.3 28.9#

125 80.0 6.2 9.2#





#38

Benzo(k)fluoranthene

Concen: 0.032 ng

RT: 22.542 min Scan# 2767

Delta R.T. 0.014 min

Lab File: BN035224.D

Acq: 21 Nov 2024 16:24

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20241114

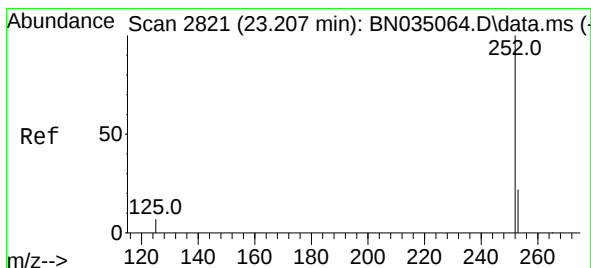
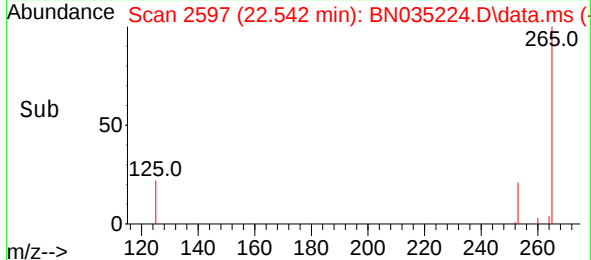
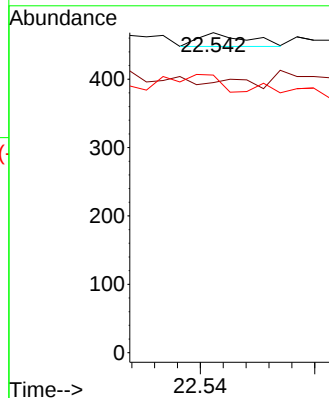
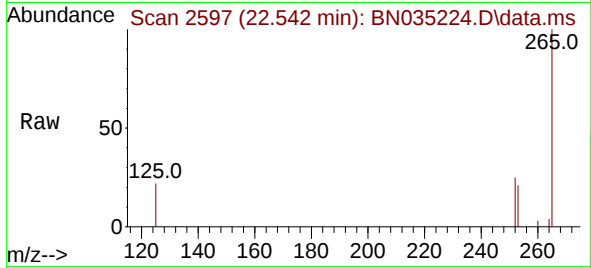
Tgt Ion:252 Resp: 12

Ion Ratio Lower Upper

252 100

253 84.4 19.5 29.3#

125 86.8 6.5 9.7#



#39

Benzo(a)pyrene

Concen: 0.061 ng

RT: 23.039 min Scan# 2767

Delta R.T. 0.026 min

Lab File: BN035224.D

Acq: 21 Nov 2024 16:24

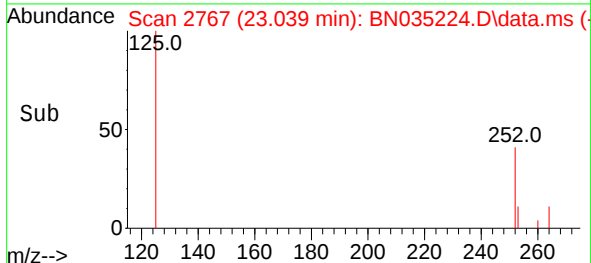
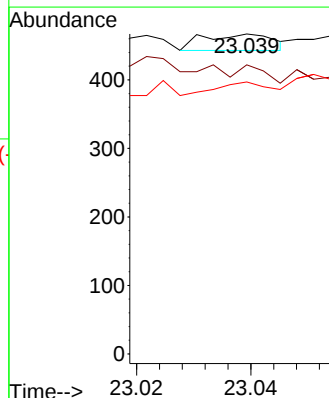
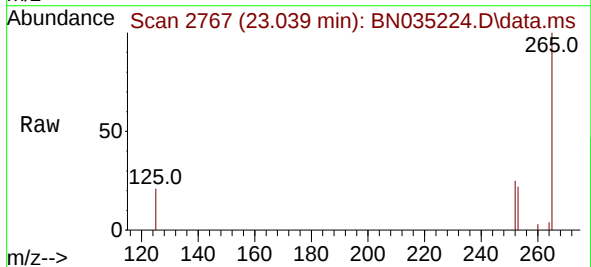
Tgt Ion:252 Resp: 20

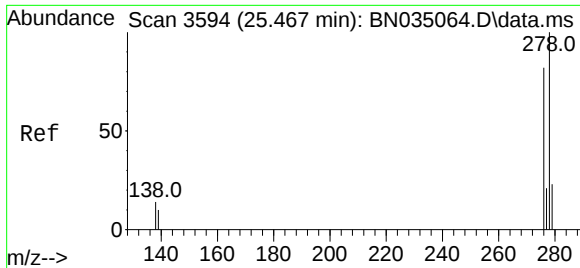
Ion Ratio Lower Upper

252 100

253 90.4 20.1 30.1#

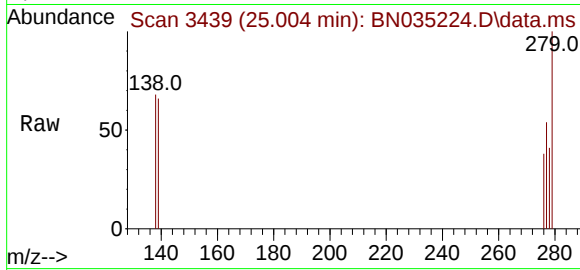
125 85.0 7.5 11.3#





#40
 Dibenzo(a,h)anthracene
 Concen: 0.083 ng
 RT: 25.004 min Scan# 34
 Delta R.T. -0.173 min
 Lab File: BN035224.D
 Acq: 21 Nov 2024 16:24

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20241114



Tgt Ion: 278 Resp: 29

Ion	Ratio	Lower	Upper
278	100		
139	160.7	9.3	13.9#
279	242.9	19.7	29.5#

