

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032570.D
 Acq On : 09 Jul 2024 03:40
 Operator : MA/JU
 Sample : P3156-01RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-425-458-070224RE

Quant Time: Jul 09 04:22:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

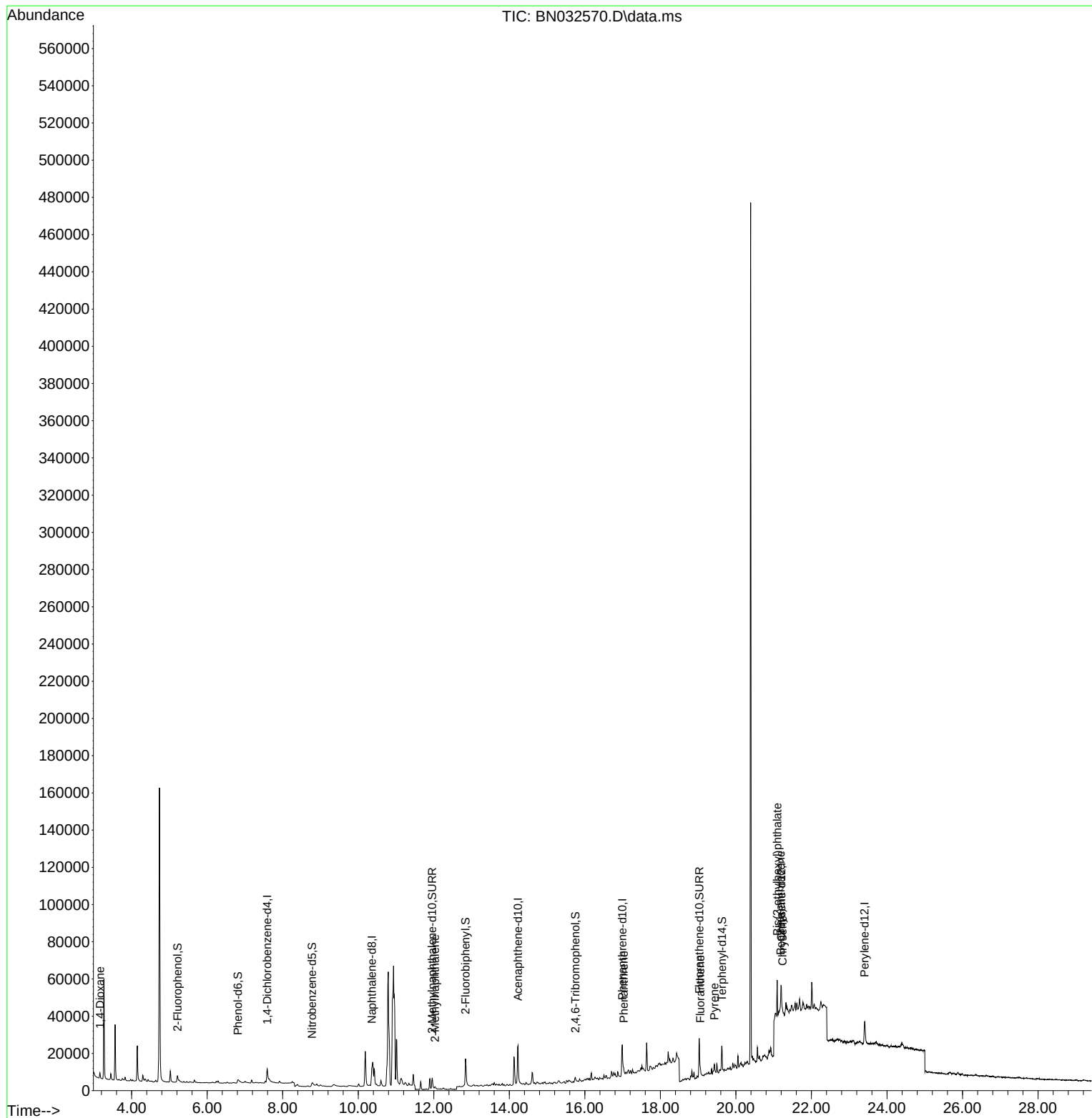
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	6214	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	20912	0.400	ng	-0.02
13) Acenaphthene-d10	14.231	164	14339	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	28414	0.400	ng	#-0.01
29) Chrysene-d12	21.202	240	19023	0.400	ng	# 0.00
35) Perylene-d12	23.411	264	19161	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.212	112	4953	0.315	ng	0.00
5) Phenol-d6	6.816	99	5119	0.255	ng	0.00
8) Nitrobenzene-d5	8.777	82	4245	0.272	ng	-0.02
11) 2-Methylnaphthalene-d10	11.956	152	11721	0.355	ng	-0.03
14) 2,4,6-Tribromophenol	15.750	330	2111	0.325	ng	-0.01
15) 2-Fluorobiphenyl	12.842	172	17907	0.339	ng	-0.02
27) Fluoranthene-d10	19.031	212	25227	0.341	ng	-0.01
31) Terphenyl-d14	19.630	244	14804	0.319	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	1982	0.242	ng	# 75
12) 2-Methylnaphthalene	12.032	142	1088	0.028	ng	# 86
25) Phenanthrene	17.029	178	2140	0.028	ng	# 80
28) Fluoranthene	19.059	202	2435	0.026	ng	# 90
30) Pyrene	19.430	202	4027	0.052	ng	96
32) Benzo(a)anthracene	21.184	228	1504	0.024	ng	# 13
33) Chrysene	21.238	228	1826	0.024	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.095	149	18876	0.441	ng	96

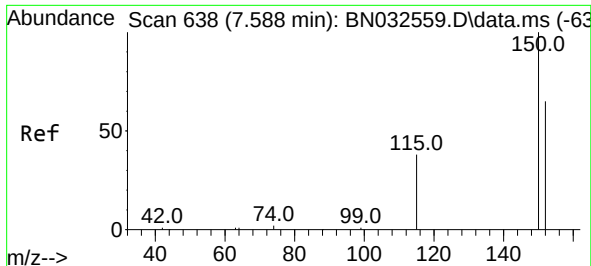
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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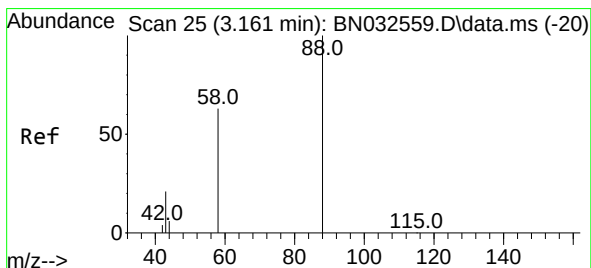
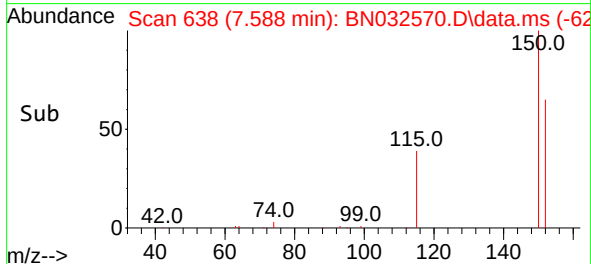
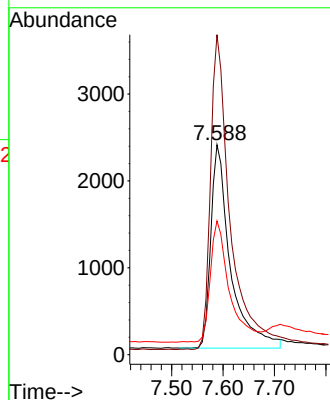
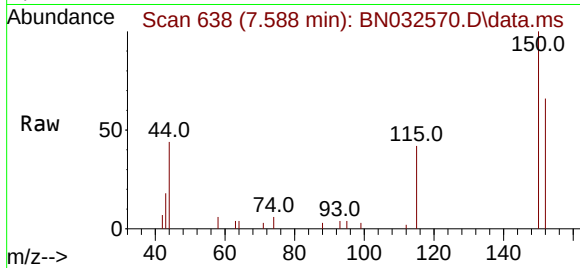




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032570.D
 Acq: 09 Jul 2024 03:40

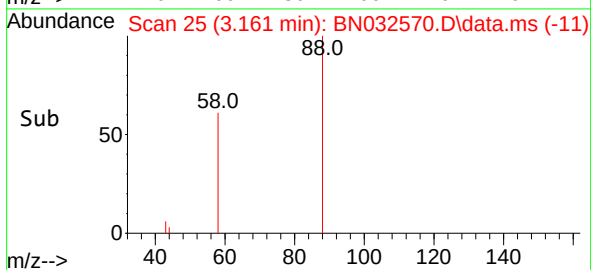
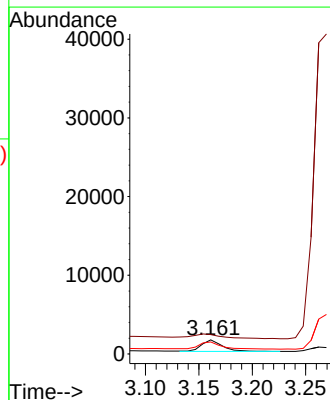
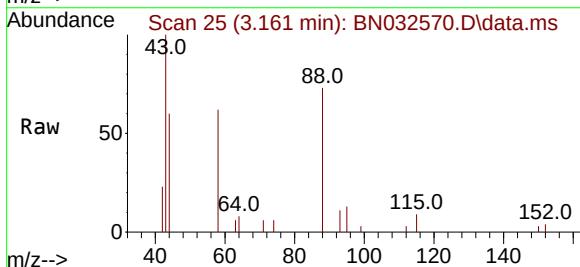
Instrument :
 BNA_N
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 GWBR-05-425-458-070224RE

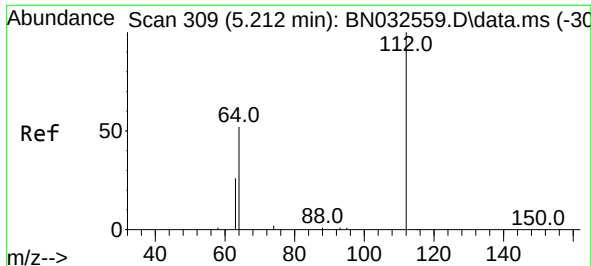
Tgt Ion:152 Resp: 6214
 Ion Ratio Lower Upper
 152 100
 150 152.5 121.6 182.4
 115 63.7 53.1 79.7



#2
 1,4-Dioxane
 Concen: 0.242 ng
 RT: 3.161 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN032570.D
 Acq: 09 Jul 2024 03:40

Tgt Ion: 88 Resp: 1982
 Ion Ratio Lower Upper
 88 100
 43 65.4 20.4 30.6#
 58 66.5 51.0 76.6

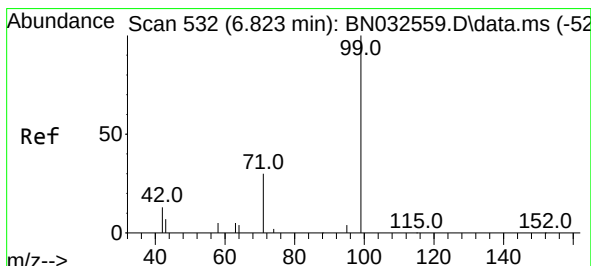
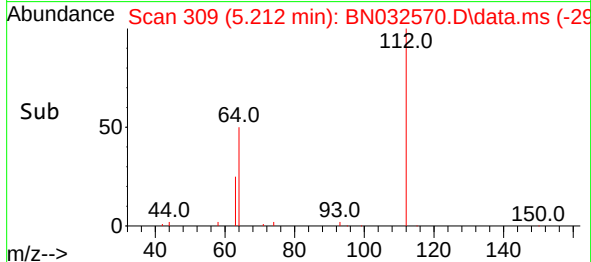
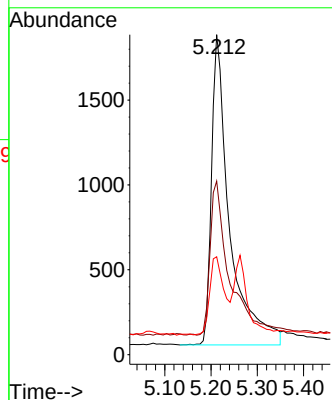
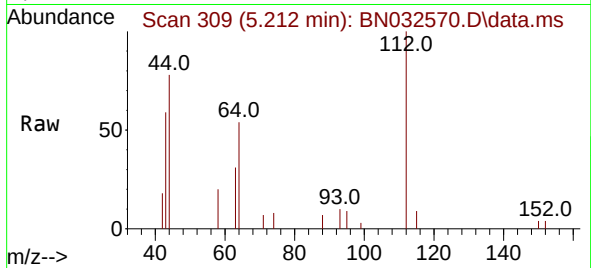




#4
2-Fluorophenol
Concen: 0.315 ng
RT: 5.212 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

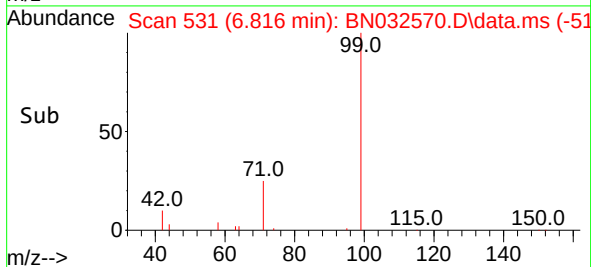
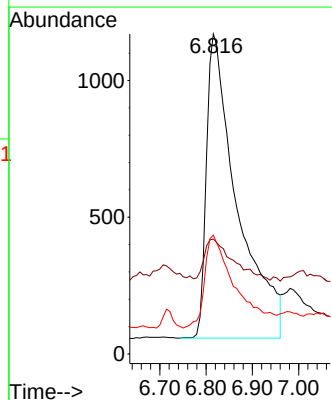
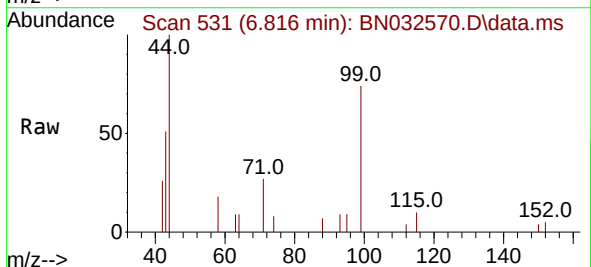
Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224RE

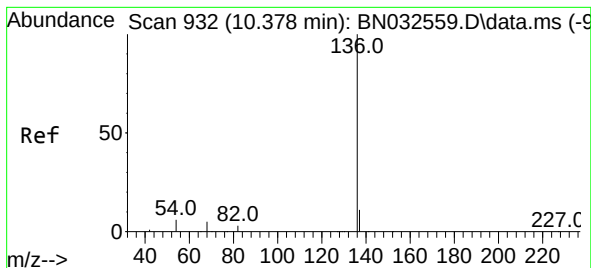
Tgt Ion: 112 Resp: 4953
Ion Ratio Lower Upper
112 100
64 53.6 41.2 61.8
63 20.4 21.6 32.4#



#5
Phenol-d6
Concen: 0.255 ng
RT: 6.816 min Scan# 531
Delta R.T. -0.007 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

Tgt Ion: 99 Resp: 5119
Ion Ratio Lower Upper
99 100
42 12.7 10.6 16.0
71 30.6 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.357 min Scan# 91

Delta R.T. -0.021 min

Lab File: BN032570.D

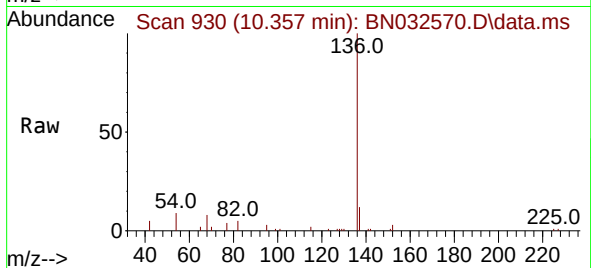
Acq: 09 Jul 2024 03:40

Instrument :

BNA_N

ClientSampleId :

GWBR-05-425-458-070224RE



Tgt Ion:136 Resp: 20912

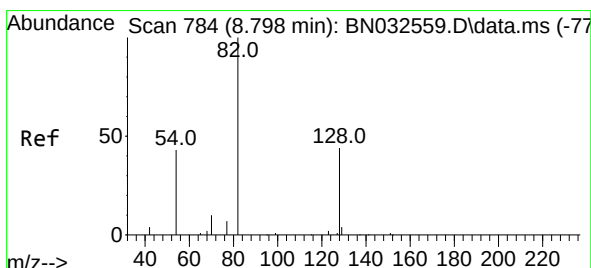
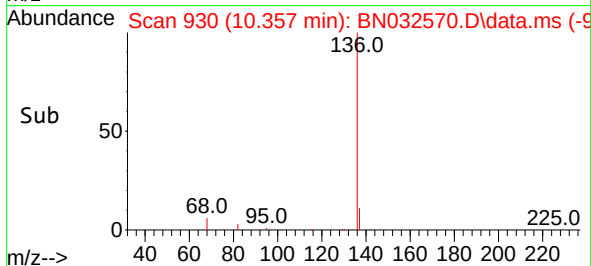
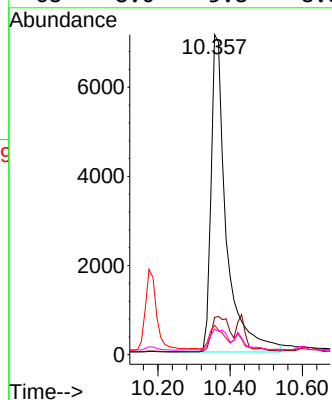
Ion Ratio Lower Upper

136 100

137 11.6 10.0 15.0

54 9.2 6.6 9.8

68 8.0 5.8 8.8



#8

Nitrobenzene-d5

Concen: 0.272 ng

RT: 8.777 min Scan# 782

Delta R.T. -0.021 min

Lab File: BN032570.D

Acq: 09 Jul 2024 03:40

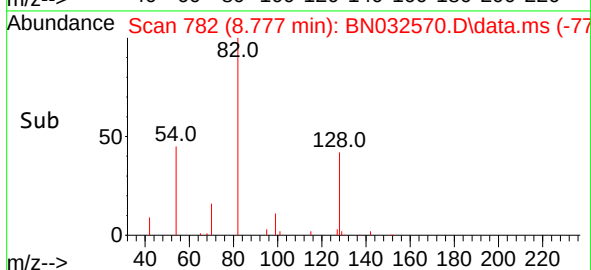
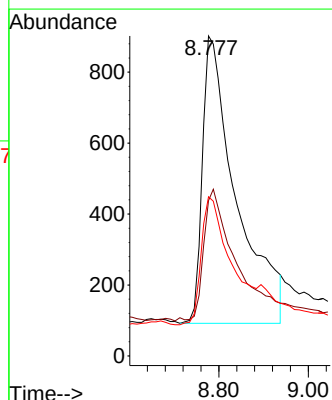
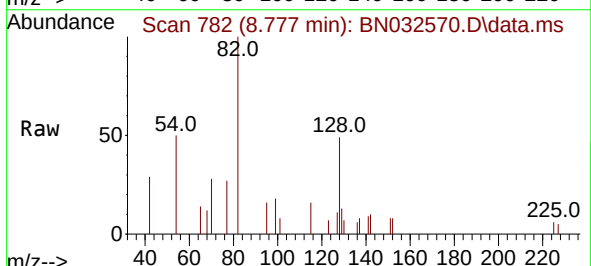
Tgt Ion: 82 Resp: 4245

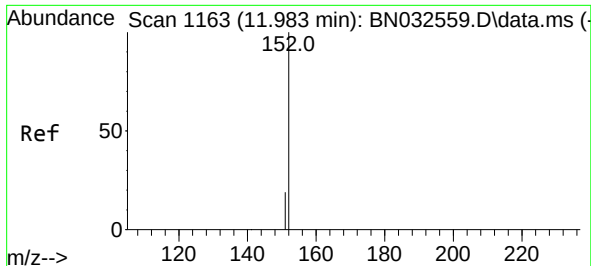
Ion Ratio Lower Upper

82 100

128 48.6 43.4 65.2

54 49.8 40.2 60.2





#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 11.956 min Scan# 1176

Delta R.T. -0.026 min

Lab File: BN032570.D

Acq: 09 Jul 2024 03:40

Instrument :

BNA_N

ClientSampleId :

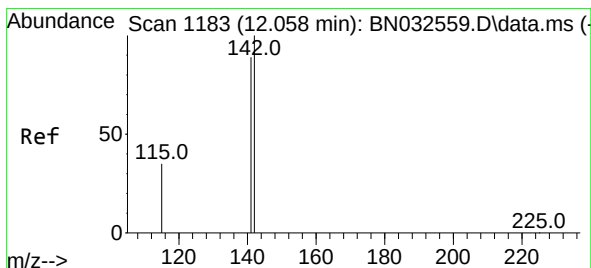
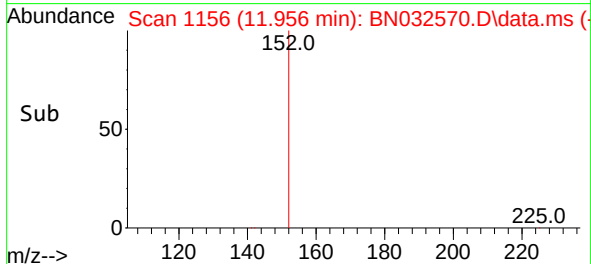
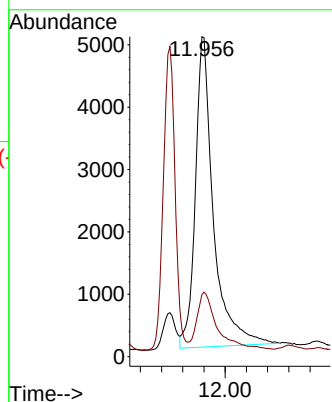
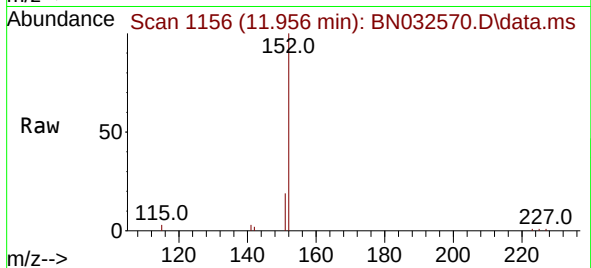
GWBR-05-425-458-070224RE

Tgt Ion:152 Resp: 11721

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6



#12

2-Methylnaphthalene

Concen: 0.028 ng

RT: 12.032 min Scan# 1176

Delta R.T. -0.026 min

Lab File: BN032570.D

Acq: 09 Jul 2024 03:40

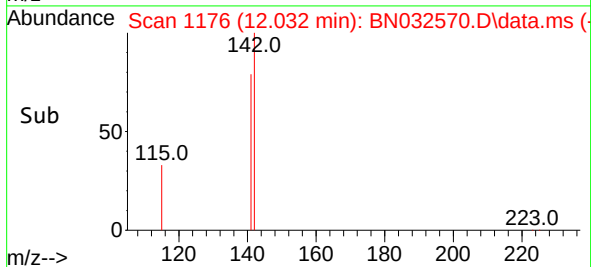
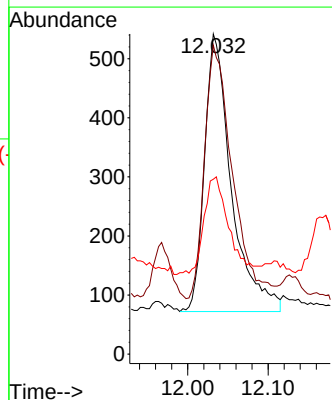
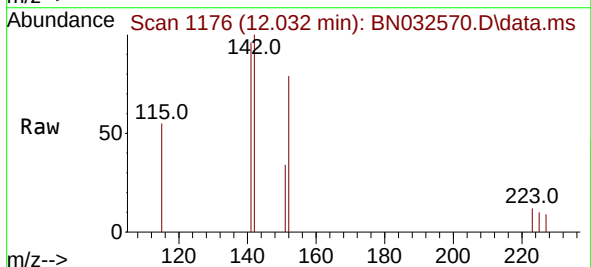
Tgt Ion:142 Resp: 1088

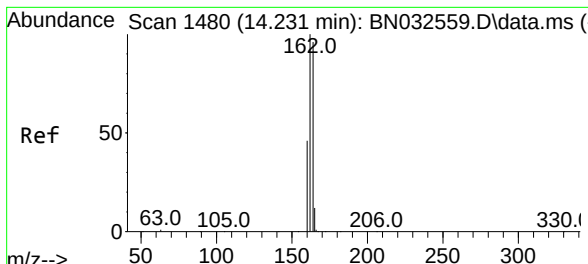
Ion Ratio Lower Upper

142 100

141 96.5 71.0 106.6

115 54.6 30.5 45.7#

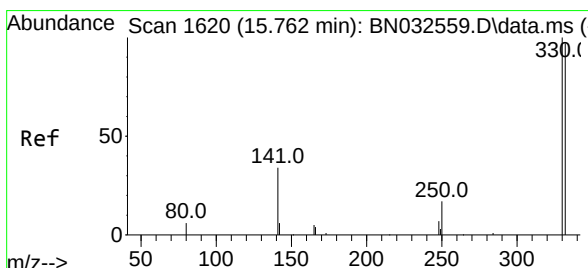
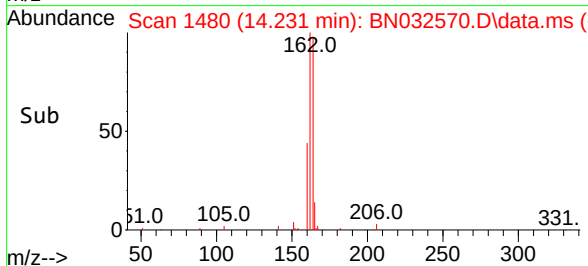
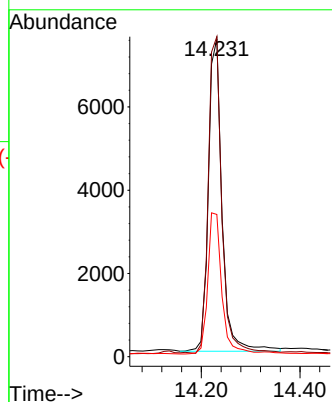
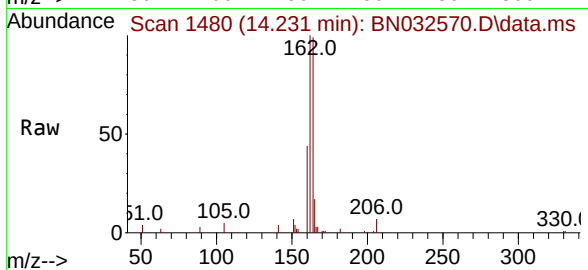




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

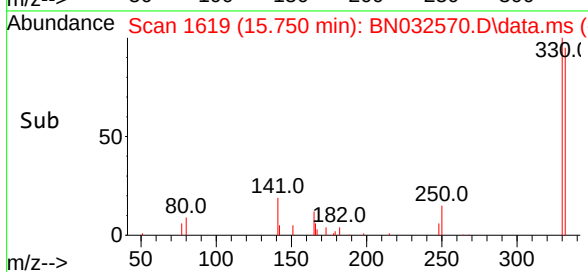
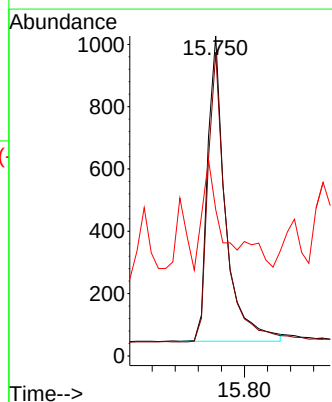
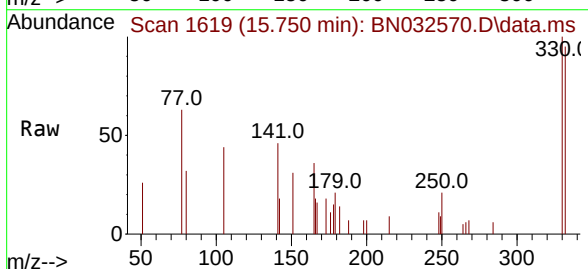
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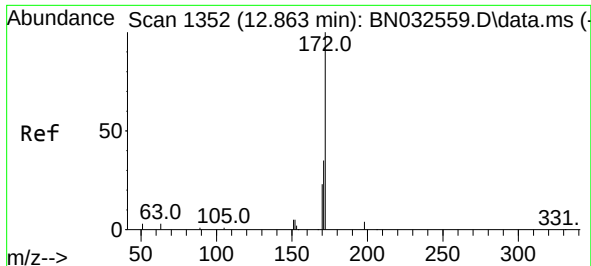
Tgt Ion:164	Resp:	14339
Ion	Ratio	Lower Upper
164	100	
162	100.7	83.2 124.8
160	44.8	38.6 57.8



#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.750 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

Tgt Ion:330	Resp:	2111
Ion	Ratio	Lower Upper
330	100	
332	95.5	77.7 116.5
141	34.1	31.8 47.8

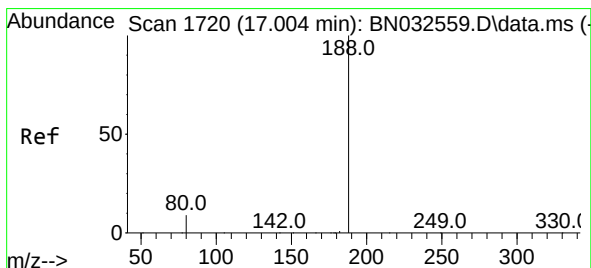
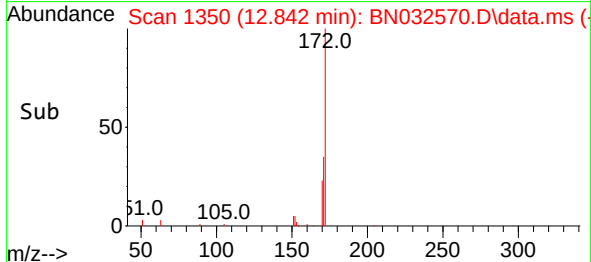
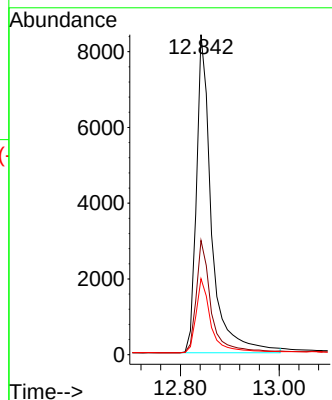
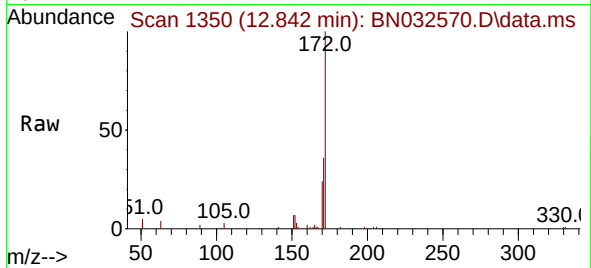




#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 12.842 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

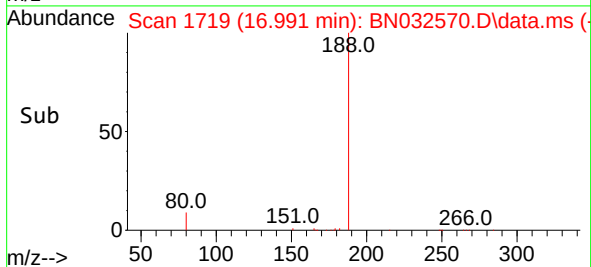
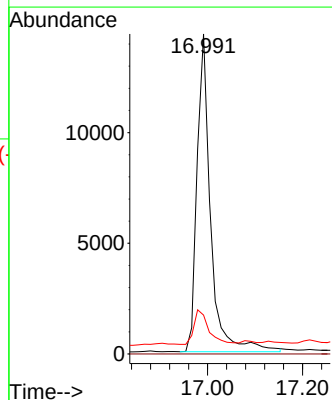
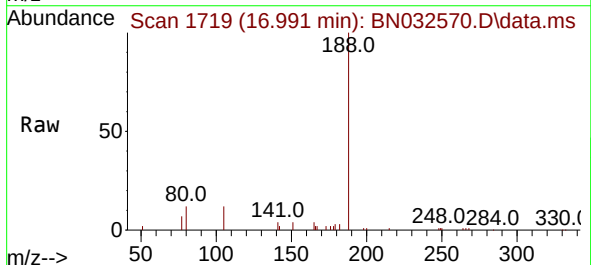
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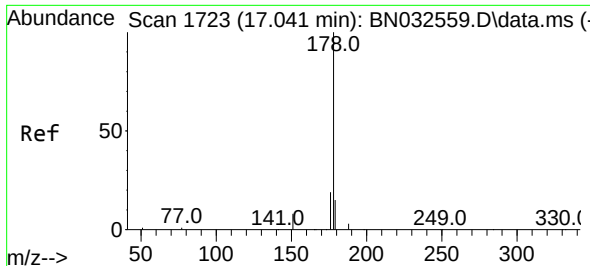
Tgt Ion:172 Resp: 17907
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.7 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.991 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

Tgt Ion:188 Resp: 28414
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 7.8 11.6#

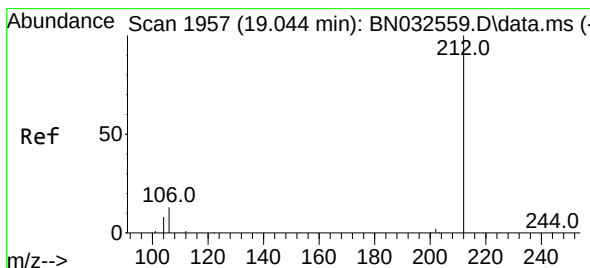
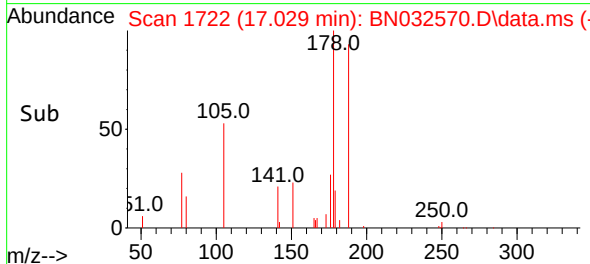
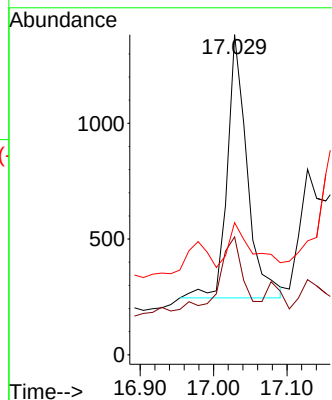
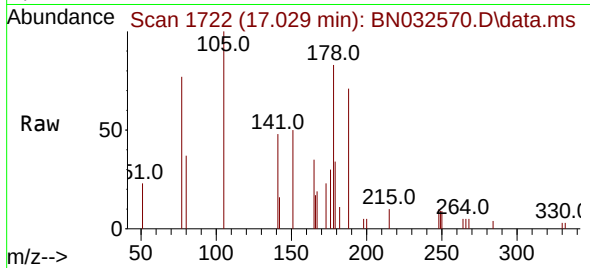




#25
Phenanthrene
Concen: 0.028 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

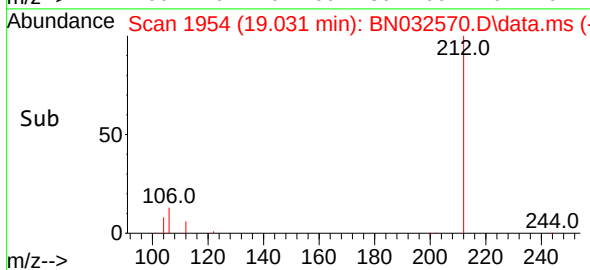
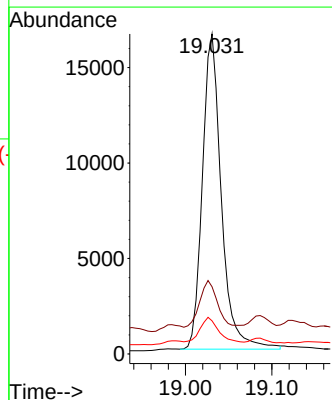
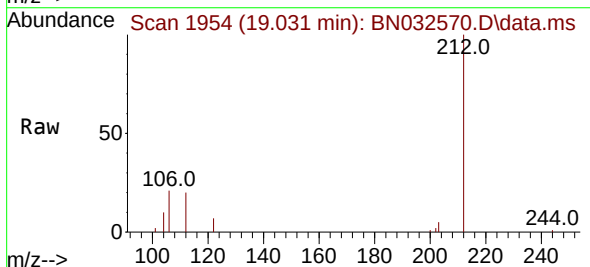
Instrument :
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ClientSampleId :
GWBR-05-425-458-070224RE

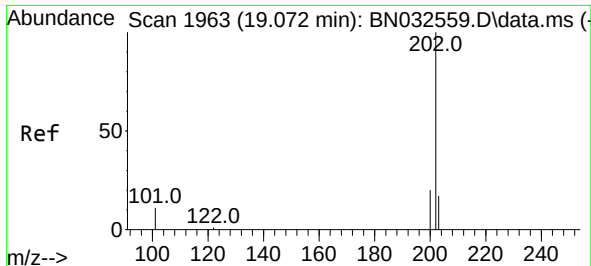
Tgt Ion:178 Resp: 2140
Ion Ratio Lower Upper
178 100
176 31.4 15.2 22.8#
179 19.6 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.031 min Scan# 1954
Delta R.T. -0.014 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

Tgt Ion:212 Resp: 25227
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.8
104 8.7 6.9 10.3

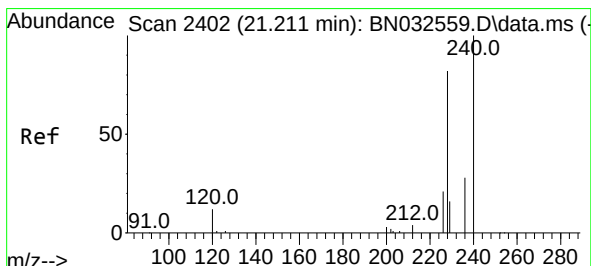
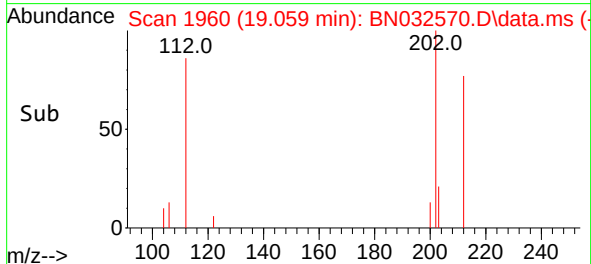
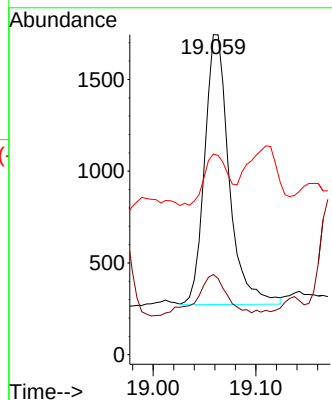
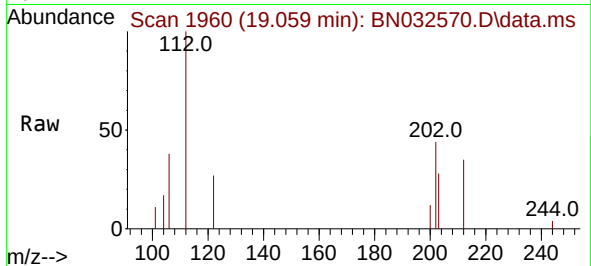




#28
Fluoranthene
Concen: 0.026 ng
RT: 19.059 min Scan# 1960
Delta R.T. -0.014 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

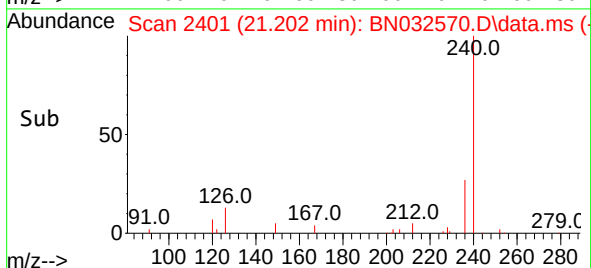
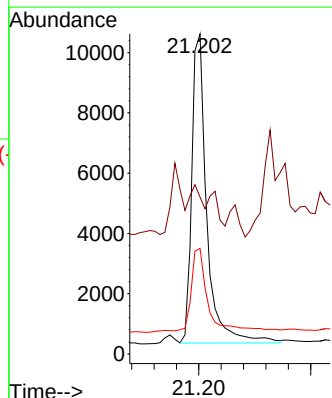
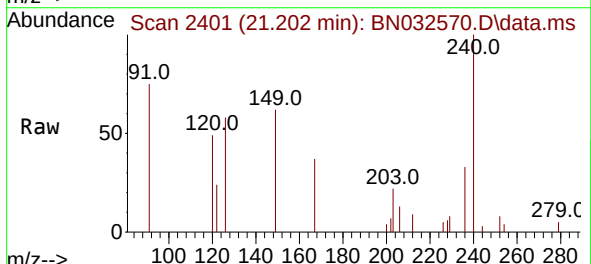
Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224RE

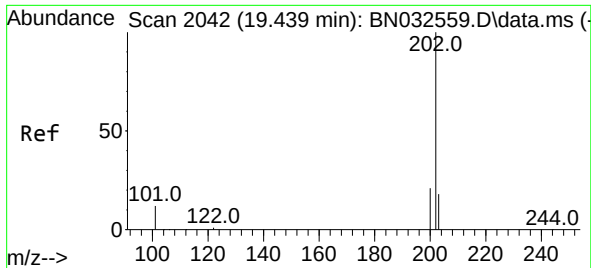
Tgt Ion:202 Resp: 2435
Ion Ratio Lower Upper
202 100
101 19.5 9.5 14.3#
203 18.9 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.009 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

Tgt Ion:240 Resp: 19023
Ion Ratio Lower Upper
240 100
120 49.0 13.0 19.4#
236 33.0 23.1 34.7

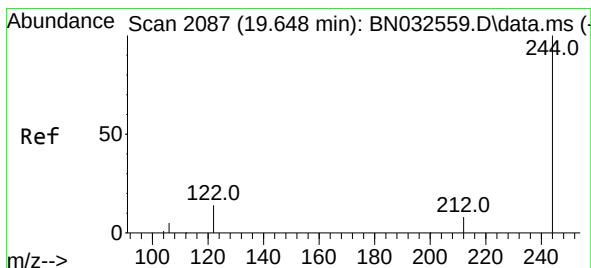
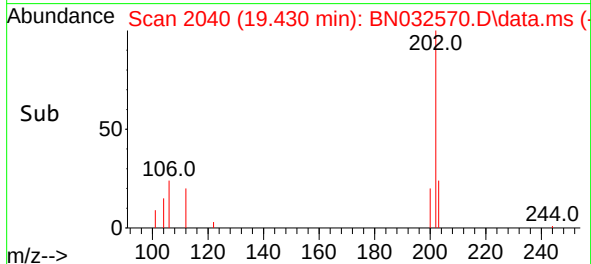
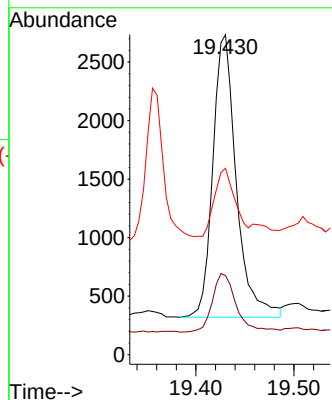
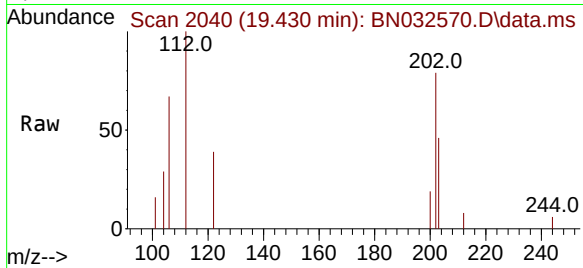




#30
Pyrene
Concen: 0.052 ng
RT: 19.430 min Scan# 2040
Delta R.T. -0.009 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

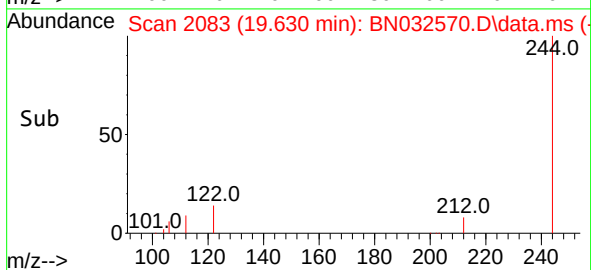
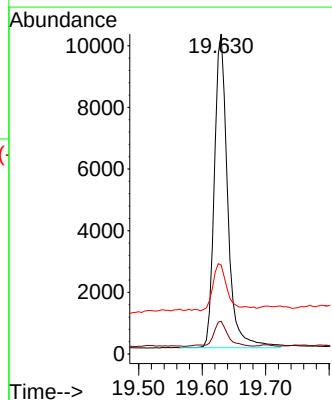
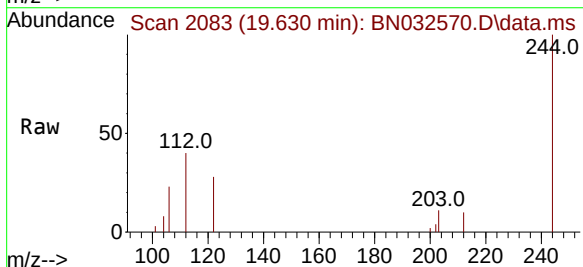
Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224RE

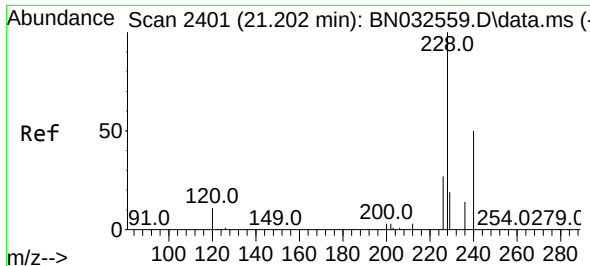
Tgt Ion:	202	Resp:	4027
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	24.8
203	21.0	14.4	21.6



#31
Terphenyl-d14
Concen: 0.319 ng
RT: 19.630 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

Tgt Ion:	244	Resp:	14804
Ion Ratio	Lower	Upper	
244	100		
212	10.2	7.2	10.8
122	27.8	12.1	18.1

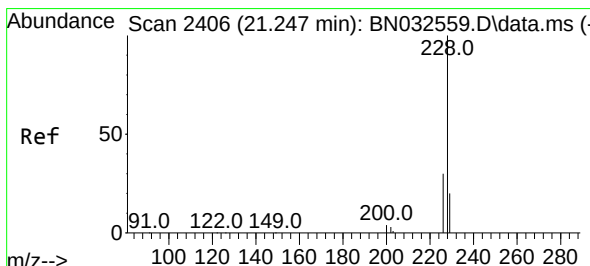
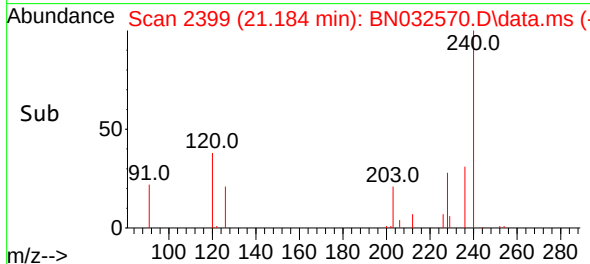
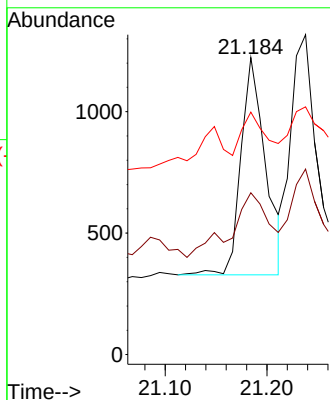
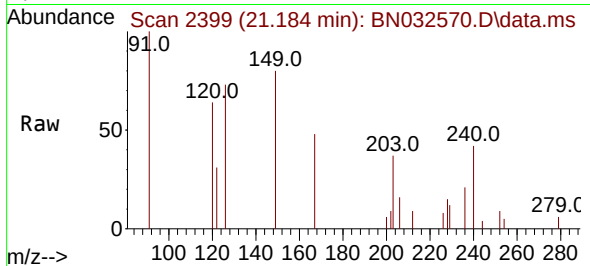




#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.184 min Scan# 21184
Delta R.T. -0.018 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

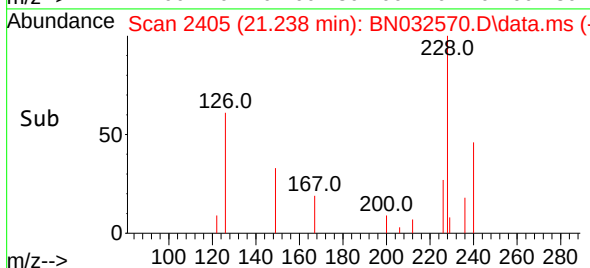
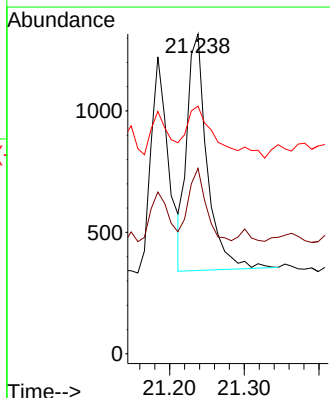
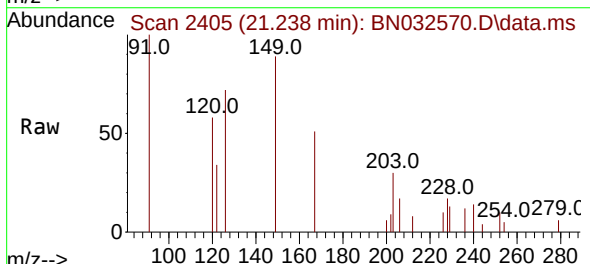
Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224RE

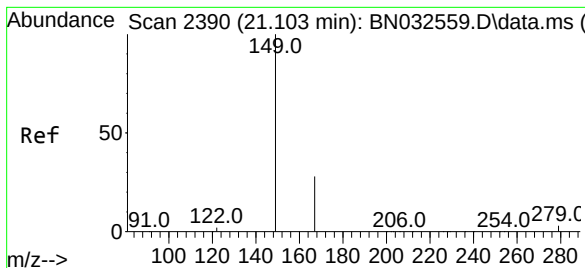
Tgt Ion:228 Resp: 1504
Ion Ratio Lower Upper
228 100
226 54.5 21.7 32.5#
229 81.6 16.0 24.0#



#33
Chrysene
Concen: 0.024 ng
RT: 21.238 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

Tgt Ion:228 Resp: 1826
Ion Ratio Lower Upper
228 100
226 58.0 24.1 36.1#
229 77.4 16.1 24.1#

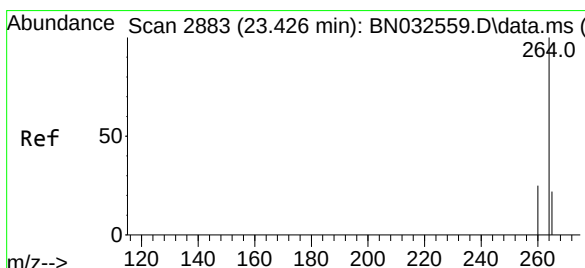
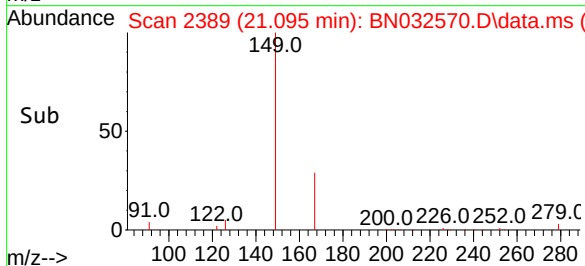
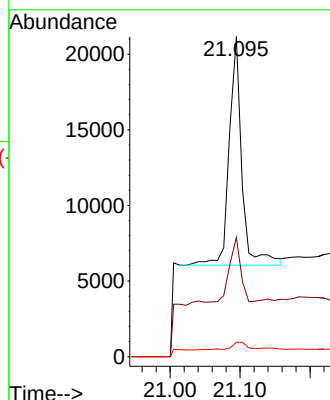
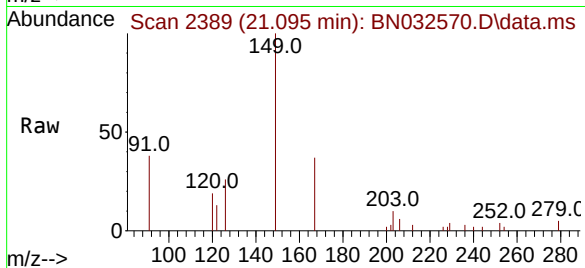




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.441 ng
RT: 21.095 min Scan# 2109
Delta R.T. -0.009 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224RE

Tgt Ion:149 Resp: 18876
Ion Ratio Lower Upper
149 100
167 24.5 21.6 32.4
279 3.3 3.0 4.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.411 min Scan# 2878
Delta R.T. -0.014 min
Lab File: BN032570.D
Acq: 09 Jul 2024 03:40

Tgt Ion:264 Resp: 19161
Ion Ratio Lower Upper
264 100
260 28.3 21.0 31.6
265 77.9 76.6 115.0

