

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033315.D
 Acq On : 09 Aug 2024 12:41
 Operator : MA/JU
 Sample : P3514-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-459-475-080724

Quant Time: Aug 09 13:07:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 04:39:01 2024
 Response via : Initial Calibration

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

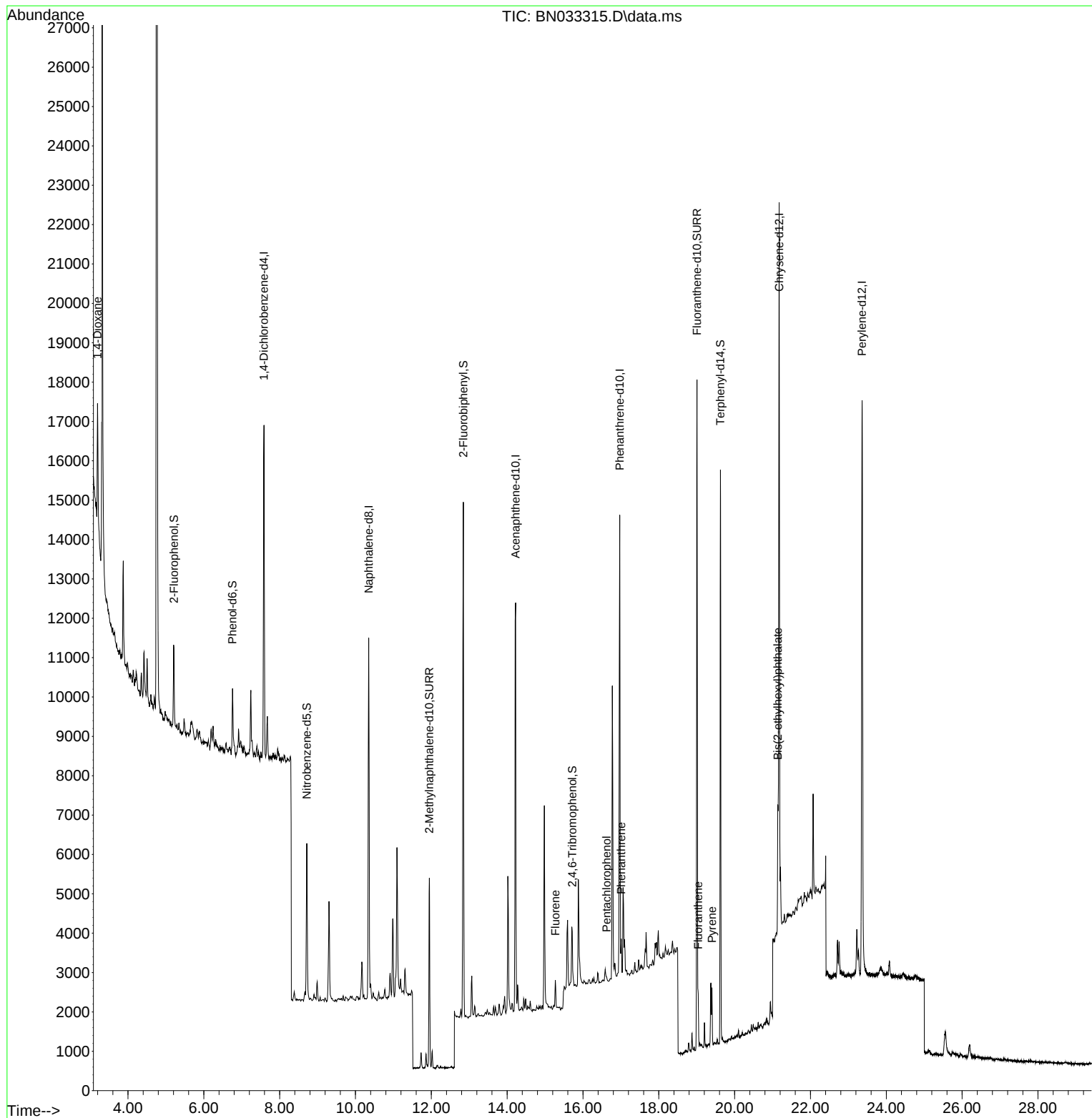
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	4025	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	11201	0.400	ng	# 0.00
13) Acenaphthene-d10	14.223	164	6150	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	15199	0.400	ng	# 0.00
29) Chrysene-d12	21.175	240	15723	0.400	ng	# 0.00
35) Perylene-d12	23.361	264	19416	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.211	112	1672	0.158	ng	0.00
5) Phenol-d6	6.757	99	1458	0.101	ng	0.00
8) Nitrobenzene-d5	8.715	82	2852	0.417	ng	0.00
11) 2-Methylnaphthalene-d10	11.947	152	6331	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.717	330	946	0.380	ng	0.00
15) 2-Fluorobiphenyl	12.844	172	10850	0.468	ng	0.00
27) Fluoranthene-d10	19.007	212	17653	0.422	ng	0.00
31) Terphenyl-d14	19.625	244	13616	0.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	1873	0.420	ng	# 55
18) Fluorene	15.271	166	552	0.022	ng	# 83
24) Pentachlorophenol	16.623	266	74	0.022	ng	# 89
25) Phenanthrene	17.008	178	882	0.020	ng	96
28) Fluoranthene	19.039	202	1227	0.022	ng	96
30) Pyrene	19.402	202	1252	0.020	ng	98
34) Bis(2-ethylhexyl)phtha...	21.139	149	3327	0.105	ng	98

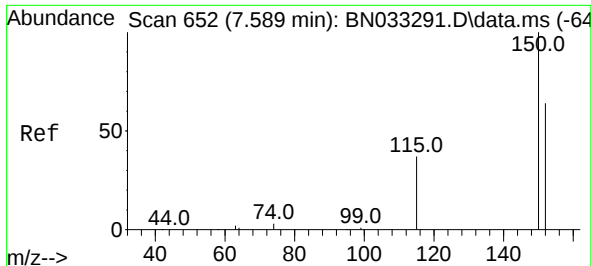
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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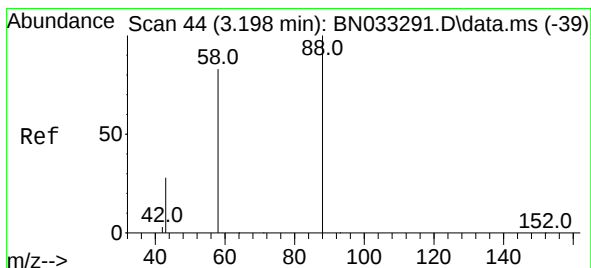
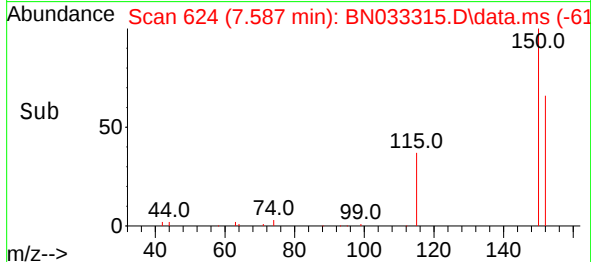
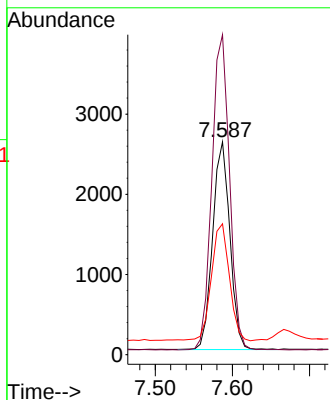
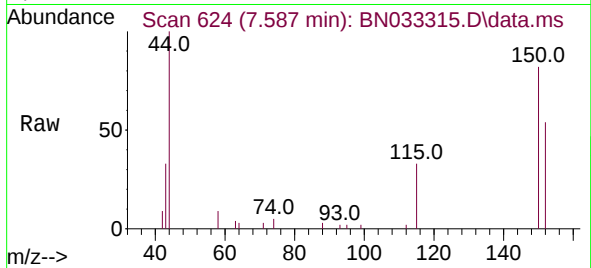




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.587 min Scan# 61
Delta R.T. -0.002 min
Lab File: BN033315.D
Acq: 09 Aug 2024 12:41

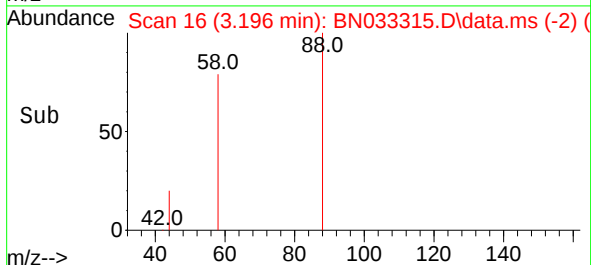
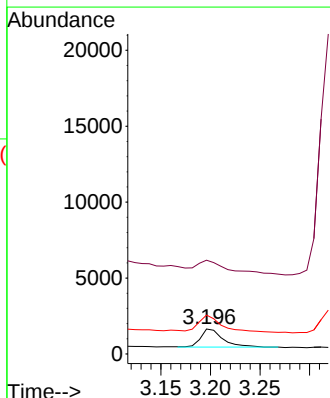
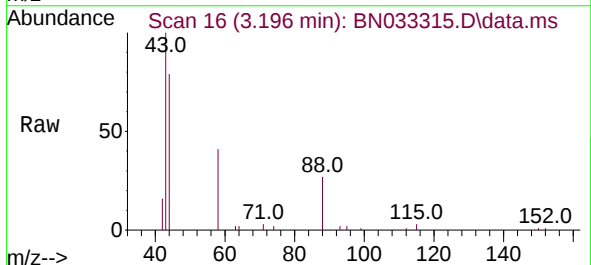
Instrument :
BNA_N
ClientSampleId :
GWBR-05-459-475-080724

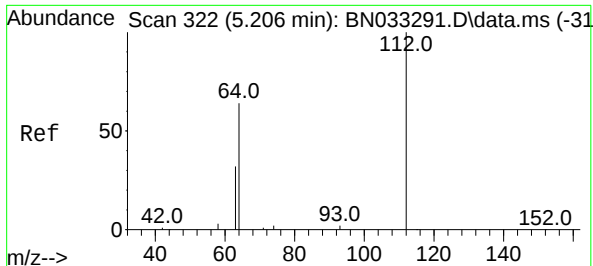
Tgt Ion:152 Resp: 4025
Ion Ratio Lower Upper
152 100
150 150.4 120.7 181.1
115 61.5 55.8 83.8



#2
1,4-Dioxane
Concen: 0.420 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.002 min
Lab File: BN033315.D
Acq: 09 Aug 2024 12:41

Tgt Ion: 88 Resp: 1873
Ion Ratio Lower Upper
88 100
43 104.5 37.0 55.6#
58 99.4 65.1 97.7#





#4

2-Fluorophenol

Concen: 0.158 ng

RT: 5.211 min Scan# 20

Delta R.T. 0.005 min

Lab File: BN033315.D

Acq: 09 Aug 2024 12:41

Instrument :

BNA_N

ClientSampleId :

GWBR-05-459-475-080724

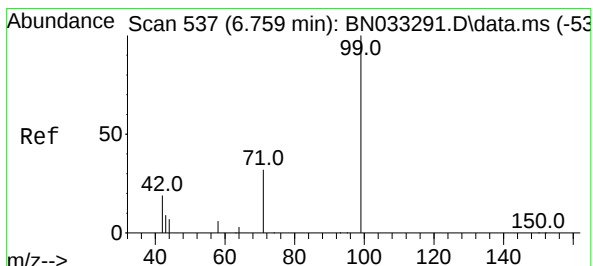
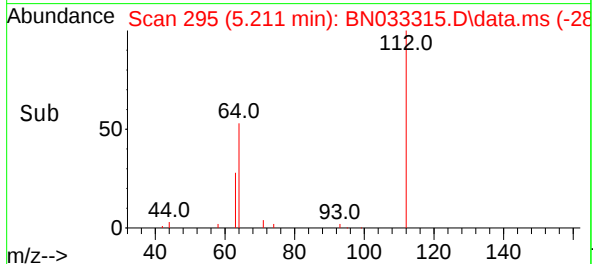
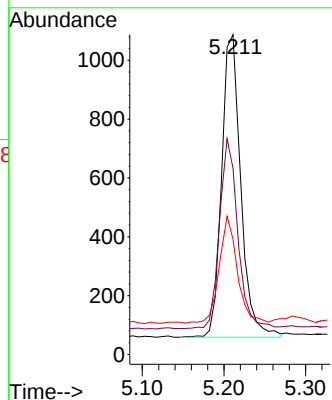
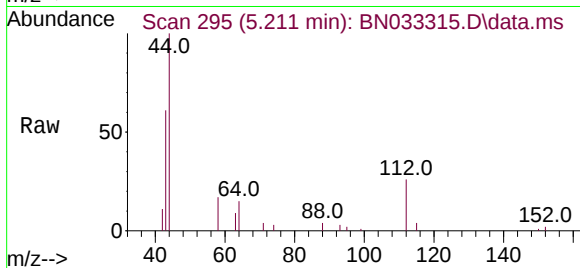
Tgt Ion:112 Resp: 1672

Ion Ratio Lower Upper

112 100

64 60.2 48.7 73.1

63 33.2 25.4 38.2



#5

Phenol-d6

Concen: 0.101 ng

RT: 6.757 min Scan# 509

Delta R.T. -0.002 min

Lab File: BN033315.D

Acq: 09 Aug 2024 12:41

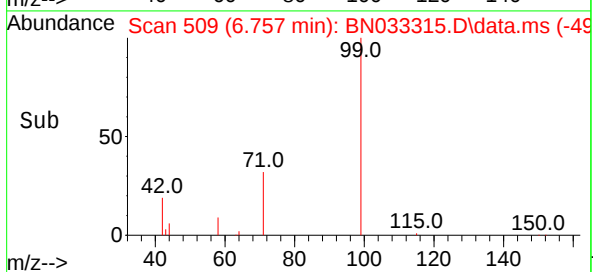
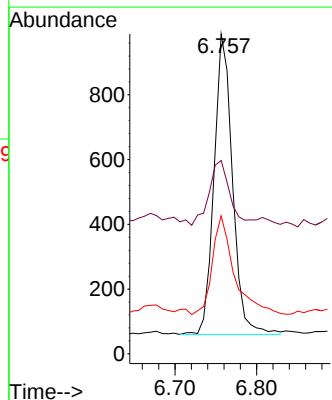
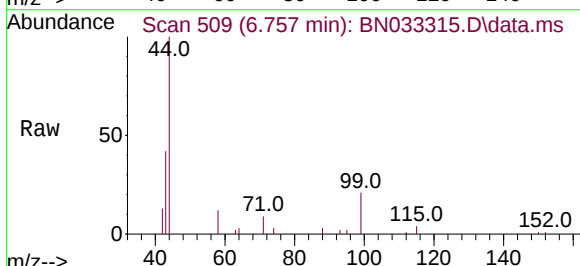
Tgt Ion: 99 Resp: 1458

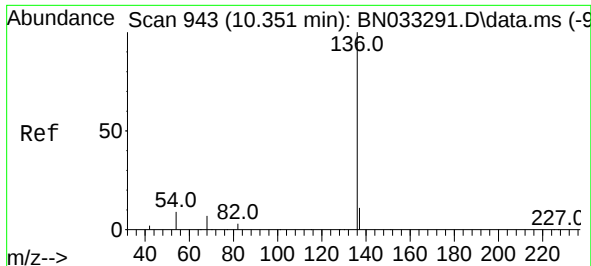
Ion Ratio Lower Upper

99 100

42 24.1 19.3 28.9

71 39.0 27.6 41.4

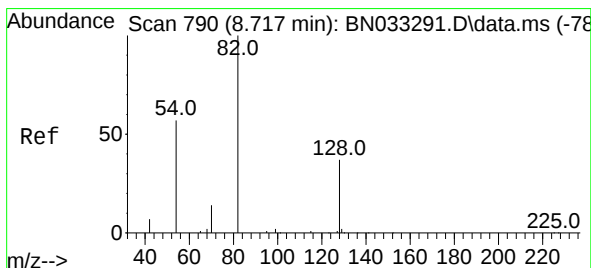
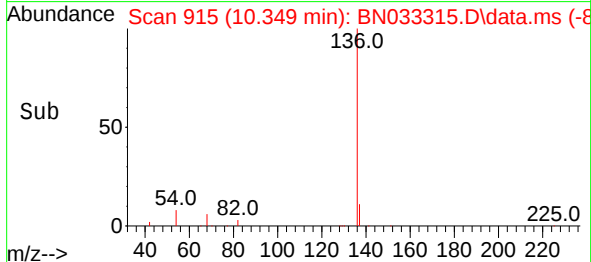
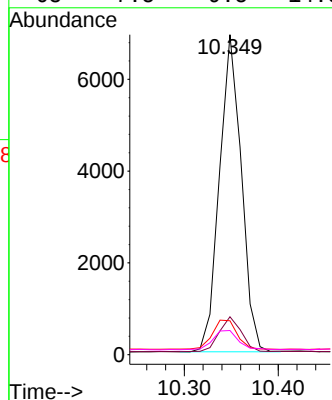
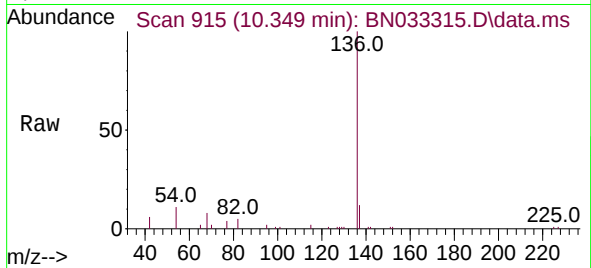




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 915
Delta R.T. -0.002 min
Lab File: BN033315.D
Acq: 09 Aug 2024 12:41

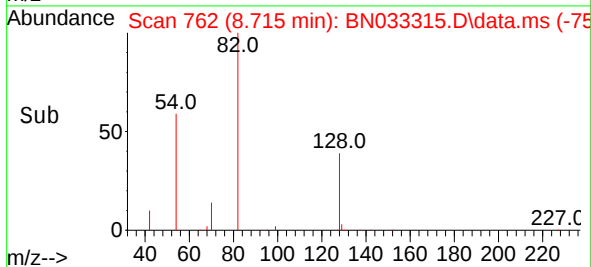
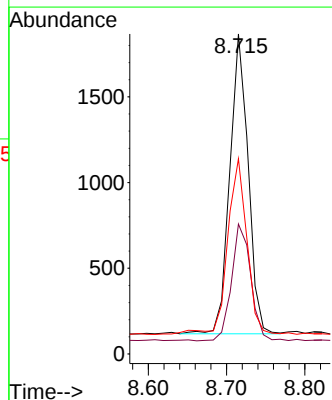
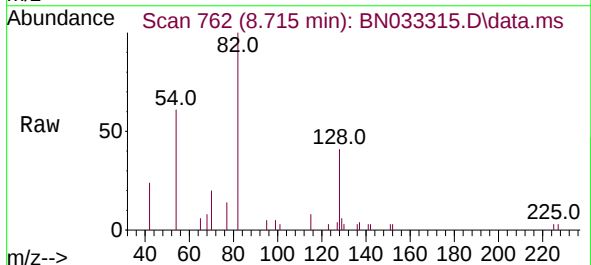
Instrument :
BNA_N
ClientSampleId :
GWBR-05-459-475-080724

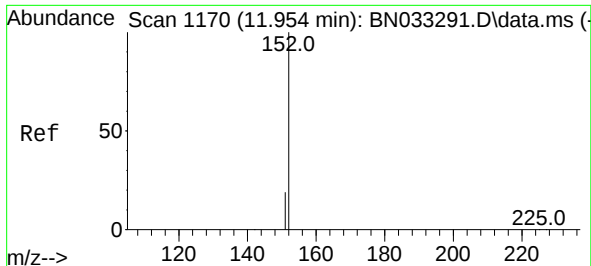
Tgt Ion:	136	Resp:	11201
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.9	14.9
54	10.6	11.4	17.2#
68	7.5	9.5	14.3#



#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 8.715 min Scan# 762
Delta R.T. -0.002 min
Lab File: BN033315.D
Acq: 09 Aug 2024 12:41

Tgt Ion:	82	Resp:	2852
Ion Ratio	Lower	Upper	
82	100		
128	40.6	29.4	44.2
54	61.0	50.0	75.0





#11

2-Methylnaphthalene-d10

Concen: 0.363 ng

RT: 11.947 min Scan# 1170

Delta R.T. -0.007 min

Lab File: BN033315.D

Acq: 09 Aug 2024 12:41

Instrument :

BNA_N

ClientSampleId :

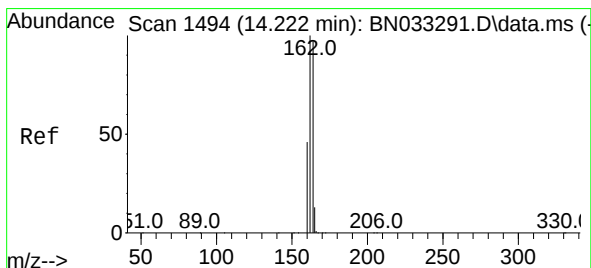
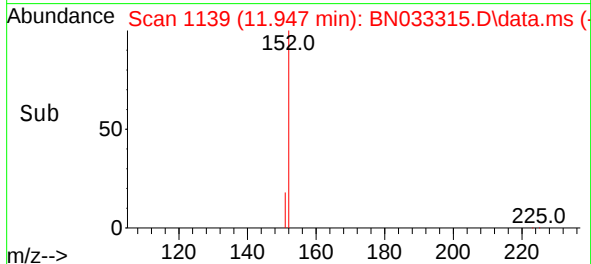
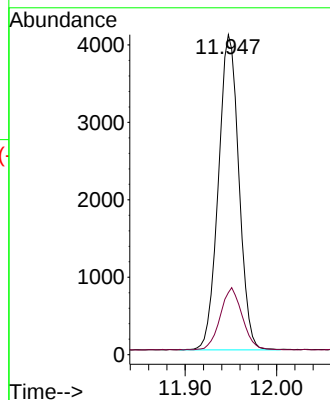
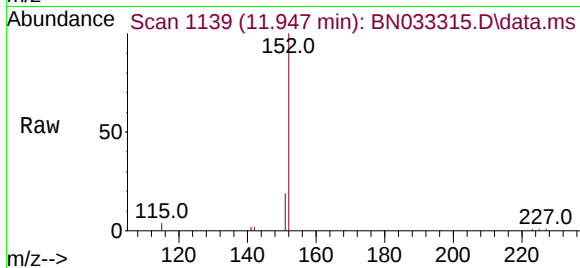
GWBR-05-459-475-080724

Tgt Ion:152 Resp: 6331

Ion Ratio Lower Upper

152 100

151 21.1 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.223 min Scan# 1465

Delta R.T. 0.001 min

Lab File: BN033315.D

Acq: 09 Aug 2024 12:41

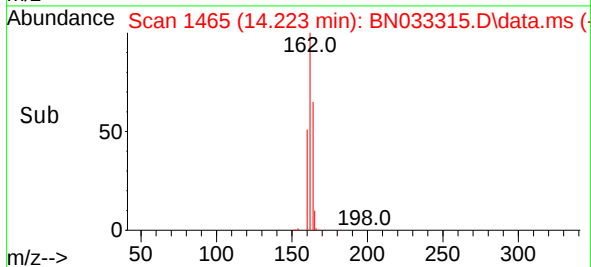
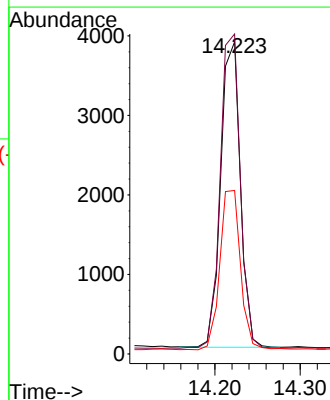
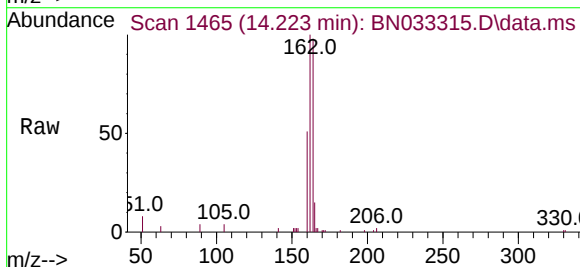
Tgt Ion:164 Resp: 6150

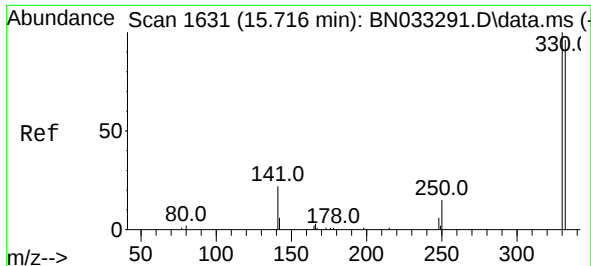
Ion Ratio Lower Upper

164 100

162 102.5 82.6 124.0

160 52.4 38.2 57.4





#14

2,4,6-Tribromophenol

Concen: 0.380 ng

RT: 15.717 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN033315.D

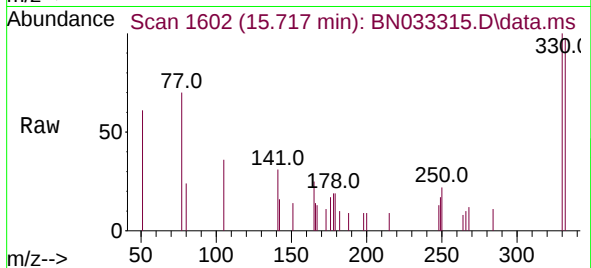
Acq: 09 Aug 2024 12:41

Instrument :

BNA_N

ClientSampleId :

GWBR-05-459-475-080724



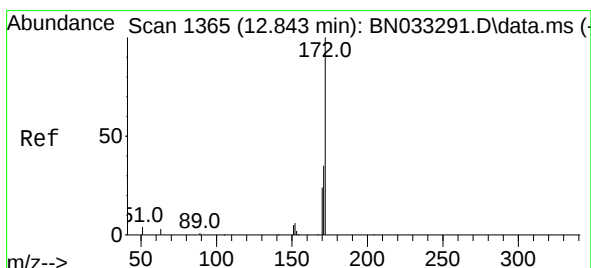
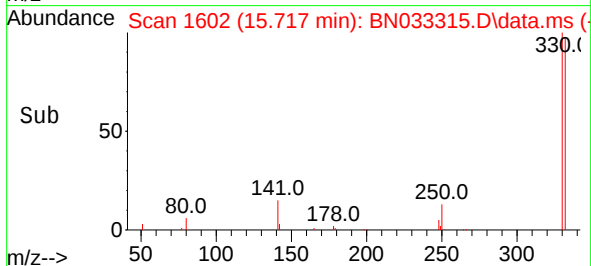
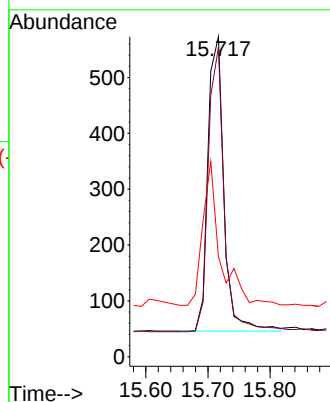
Tgt Ion:330 Resp: 946

Ion Ratio Lower Upper

330 100

332 95.2 75.6 113.4

141 53.6 31.0 46.4#



#15

2-Fluorobiphenyl

Concen: 0.468 ng

RT: 12.844 min Scan# 1336

Delta R.T. 0.001 min

Lab File: BN033315.D

Acq: 09 Aug 2024 12:41

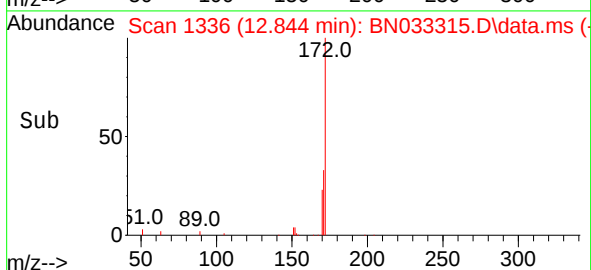
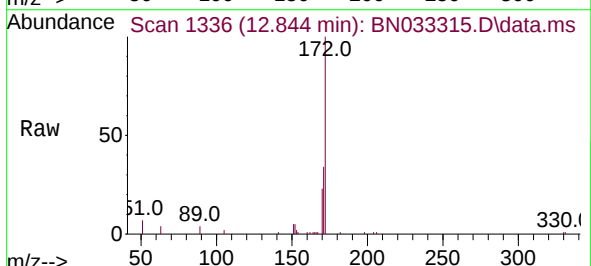
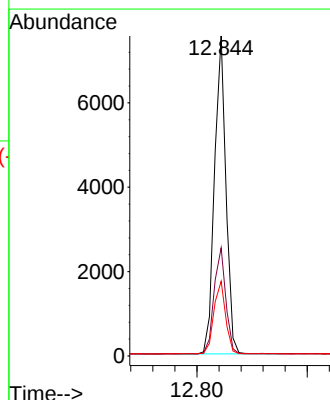
Tgt Ion:172 Resp: 10850

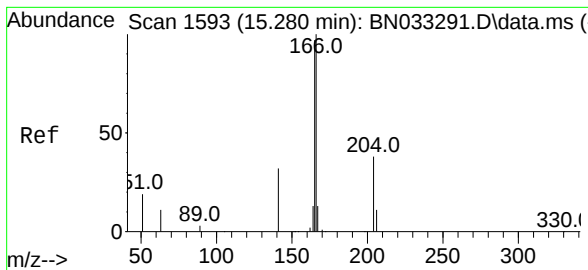
Ion Ratio Lower Upper

172 100

171 33.8 28.3 42.5

170 23.3 19.4 29.2





#18

Fluorene

Concen: 0.022 ng

RT: 15.271 min Scan# 1563

Delta R.T. -0.010 min

Lab File: BN033315.D

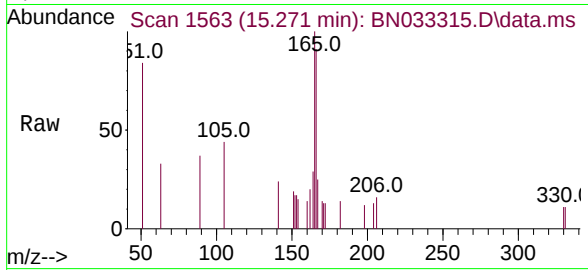
Acq: 09 Aug 2024 12:41

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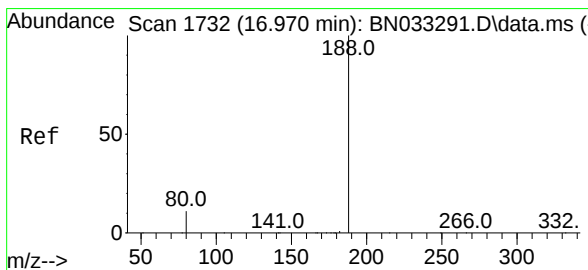
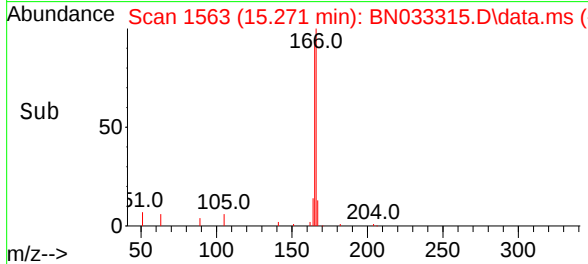
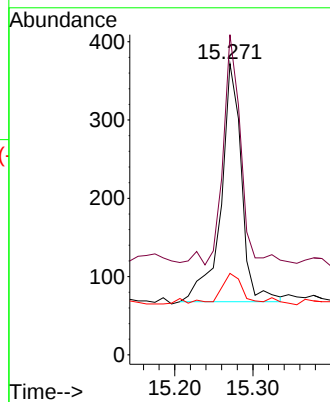
Tgt Ion:166 Resp: 552

Ion Ratio Lower Upper

166 100

165 80.3 78.9 118.3

167 10.1 10.6 16.0#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1703

Delta R.T. 0.001 min

Lab File: BN033315.D

Acq: 09 Aug 2024 12:41

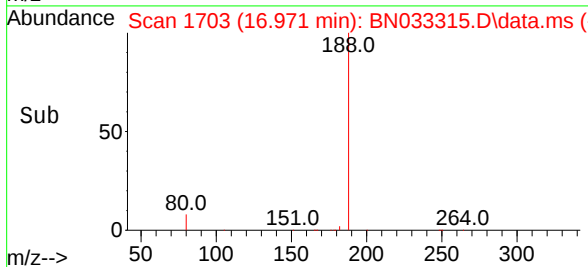
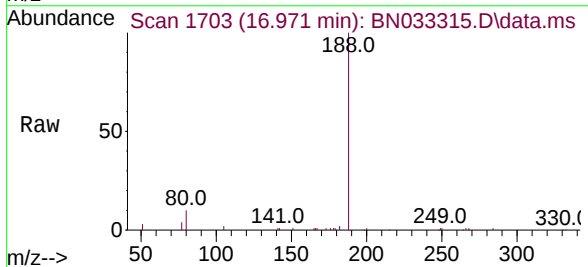
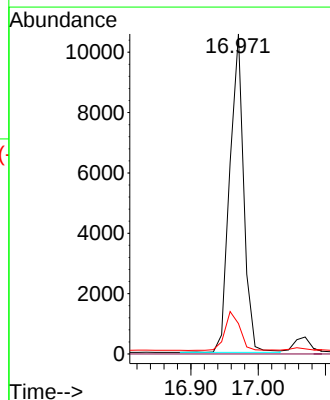
Tgt Ion:188 Resp: 15199

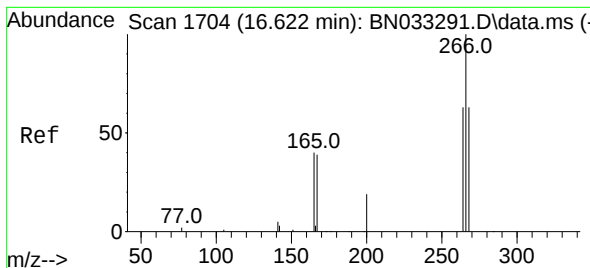
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 10.5 15.7#





#24

Pentachlorophenol

Concen: 0.022 ng

RT: 16.623 min Scan# 1704

Delta R.T. 0.001 min

Lab File: BN033315.D

Acq: 09 Aug 2024 12:41

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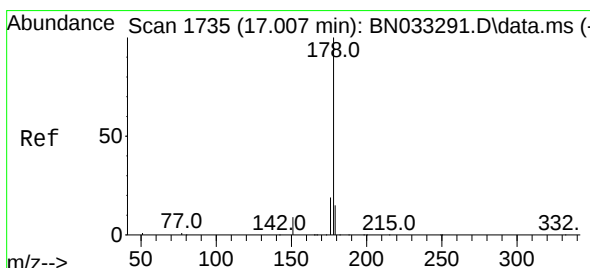
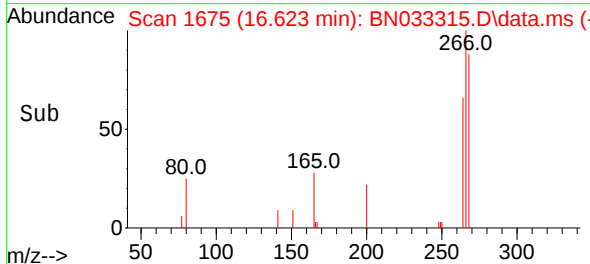
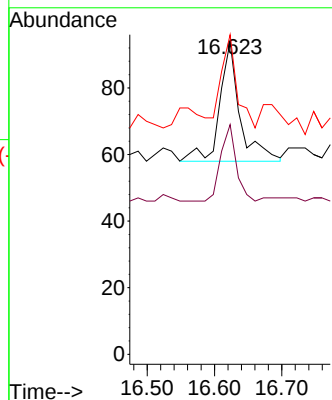
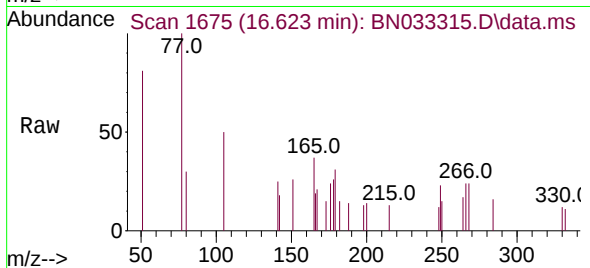
Tgt Ion:266 Resp: 74

Ion Ratio Lower Upper

266 100

264 48.6 50.3 75.5#

268 60.8 51.0 76.4



#25

Phenanthrene

Concen: 0.020 ng

RT: 17.008 min Scan# 1706

Delta R.T. 0.001 min

Lab File: BN033315.D

Acq: 09 Aug 2024 12:41

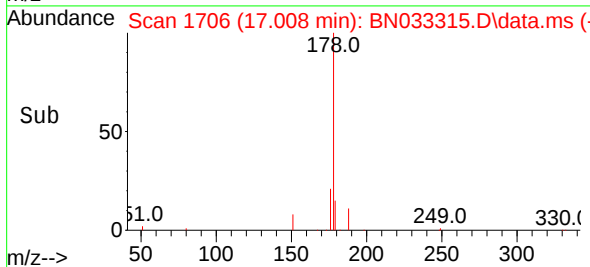
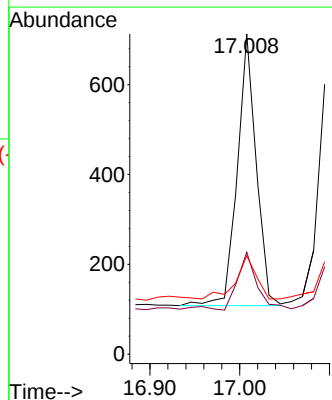
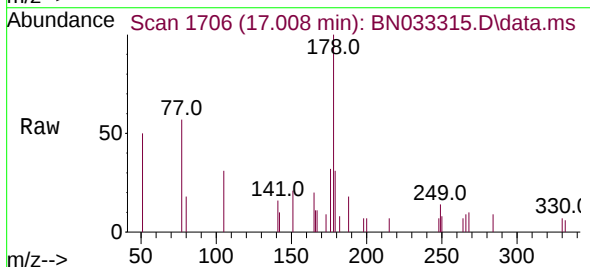
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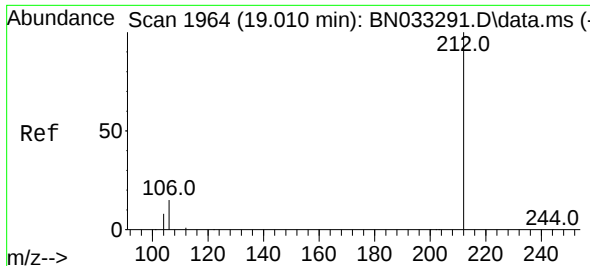
Ion Ratio Lower Upper

178 100

176 20.6 15.2 22.8

179 16.9 12.0 18.0

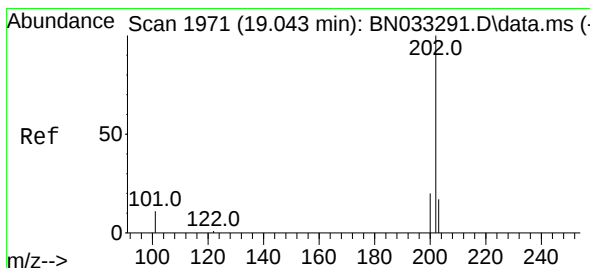
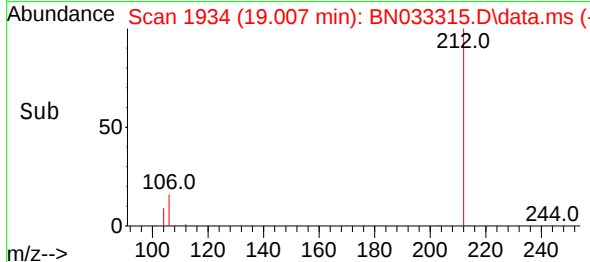
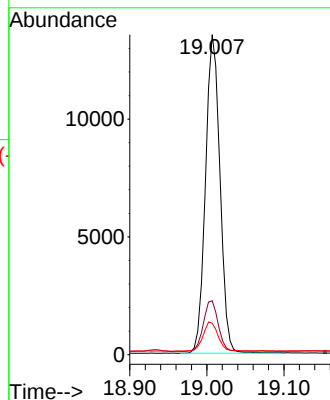
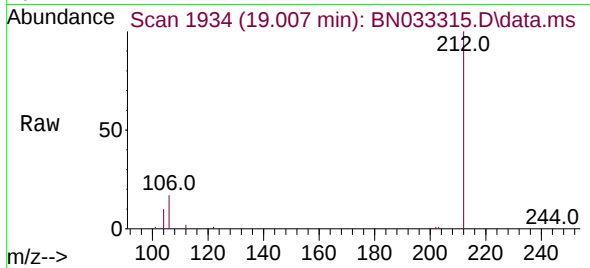




#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.007 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BN033315.D
Acq: 09 Aug 2024 12:41

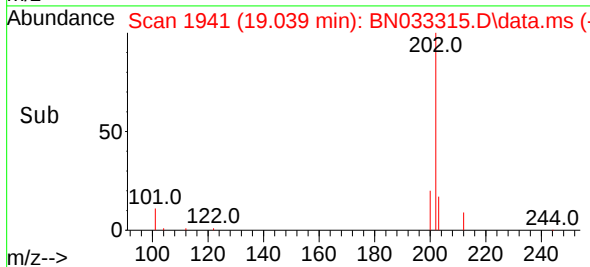
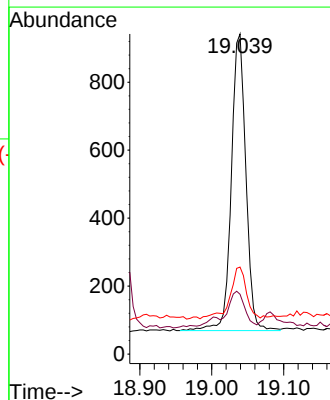
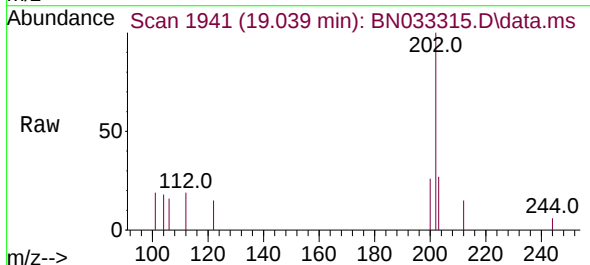
Instrument :
BNA_N
ClientSampleId :
GWBR-05-459-475-080724

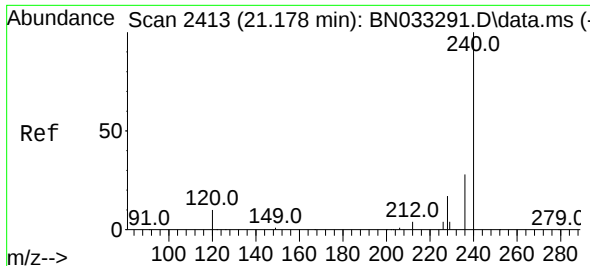
Tgt Ion:212 Resp: 17653
Ion Ratio Lower Upper
212 100
106 16.3 12.2 18.4
104 9.5 6.9 10.3



#28
Fluoranthene
Concen: 0.022 ng
RT: 19.039 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BN033315.D
Acq: 09 Aug 2024 12:41

Tgt Ion:202 Resp: 1227
Ion Ratio Lower Upper
202 100
101 12.7 9.4 14.0
203 19.3 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.175 min Scan# 2413

Delta R.T. -0.004 min

Lab File: BN033315.D

Acq: 09 Aug 2024 12:41

Instrument :

BNA_N

ClientSampleId :

GWBR-05-459-475-080724

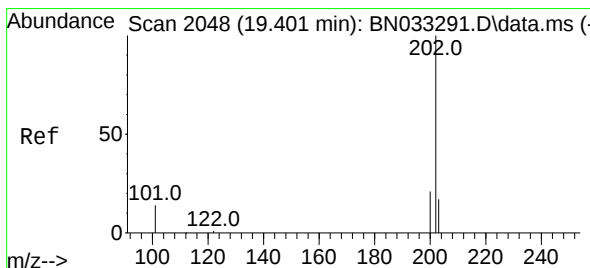
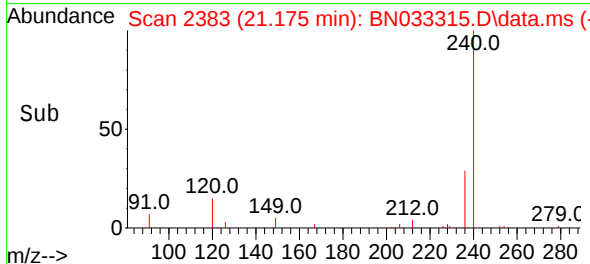
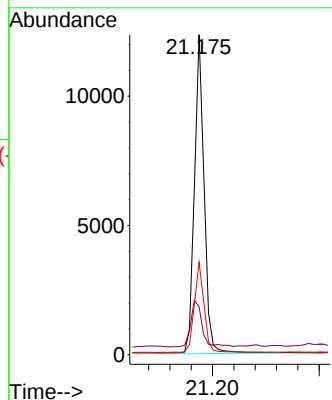
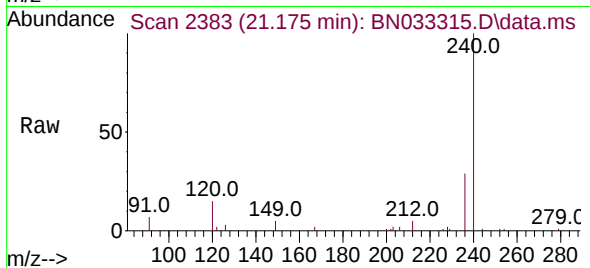
Tgt Ion:240 Resp: 15723

Ion Ratio Lower Upper

240 100

120 15.0 9.0 13.6#

236 28.8 22.4 33.6



#30

Pyrene

Concen: 0.020 ng

RT: 19.402 min Scan# 2019

Delta R.T. 0.001 min

Lab File: BN033315.D

Acq: 09 Aug 2024 12:41

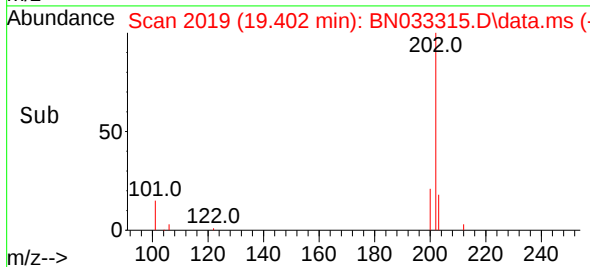
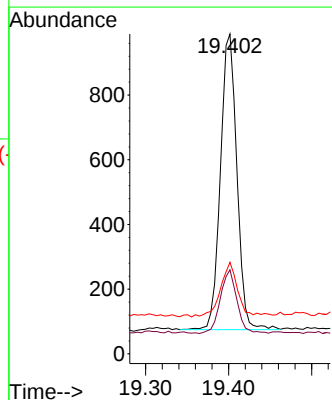
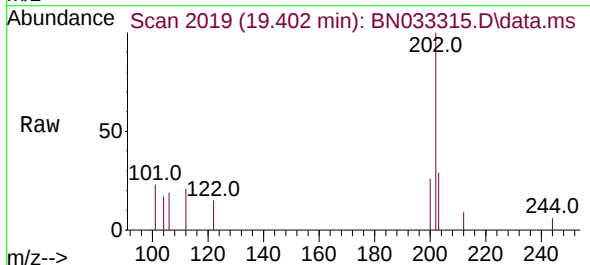
Tgt Ion:202 Resp: 1252

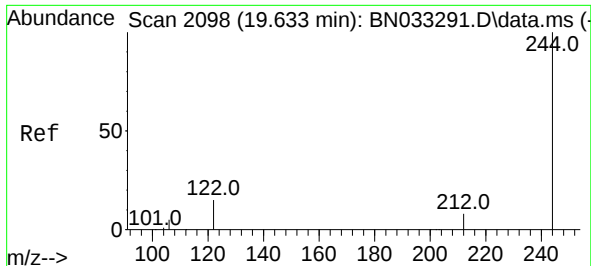
Ion Ratio Lower Upper

202 100

200 21.8 16.7 25.1

203 19.1 14.2 21.4

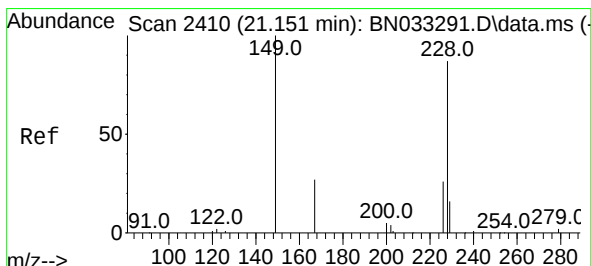
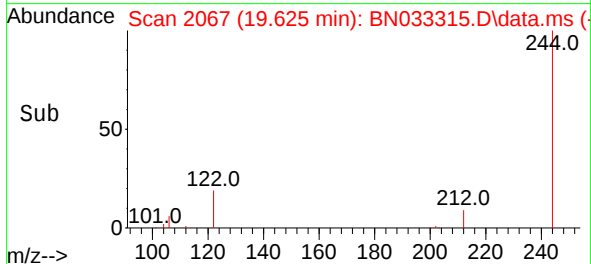
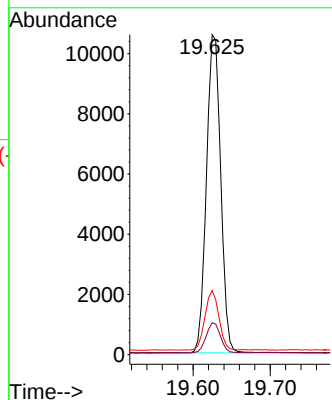
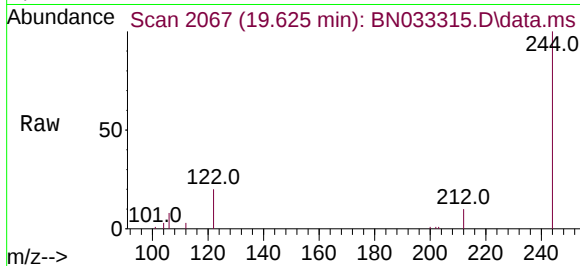




#31
 Terphenyl-d14
 Concen: 0.502 ng
 RT: 19.625 min Scan# 2098
 Delta R.T. -0.008 min
 Lab File: BN033315.D
 Acq: 09 Aug 2024 12:41

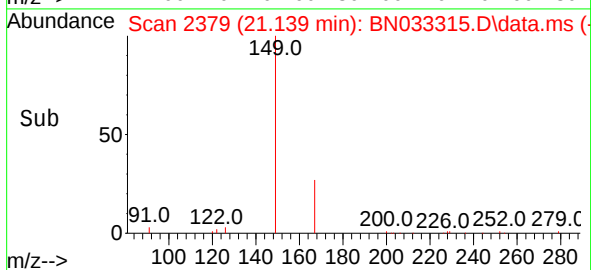
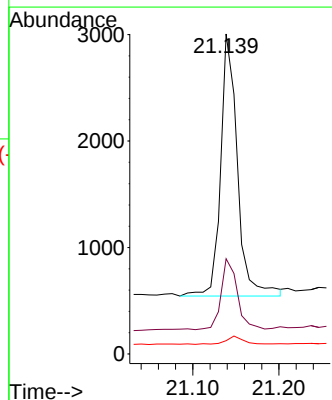
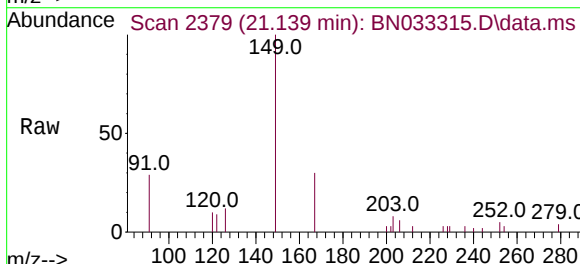
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-459-475-080724

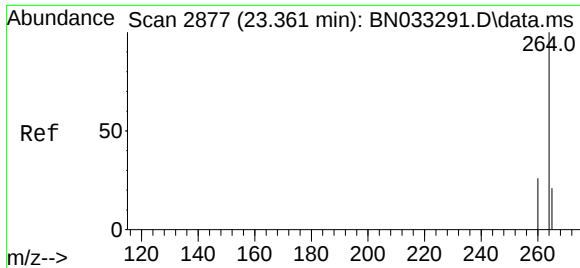
Tgt Ion:244 Resp: 13616
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.2 10.8
 122 20.0 12.7 19.1#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.105 ng
 RT: 21.139 min Scan# 2379
 Delta R.T. -0.013 min
 Lab File: BN033315.D
 Acq: 09 Aug 2024 12:41

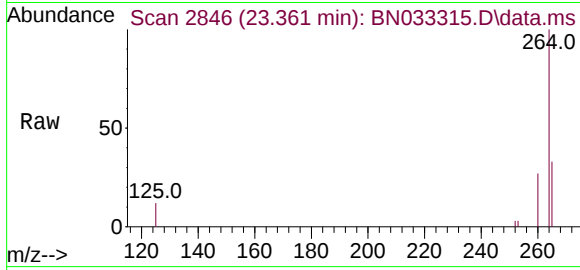
Tgt Ion:149 Resp: 3327
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.6 32.4
 279 3.4 2.6 4.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.361 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN033315.D
Acq: 09 Aug 2024 12:41

Instrument :
BNA_N
ClientSampleId :
GWBR-05-459-475-080724



Tgt Ion:264 Resp: 19416
Ion Ratio Lower Upper
264 100
260 27.0 21.4 32.0
265 32.7 22.4 33.6

