

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032261.D
 Acq On : 26 Jun 2024 04:43
 Operator : MA/JU
 Sample : P3054-04
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-281-302-062424

Quant Time: Jun 26 05:50:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

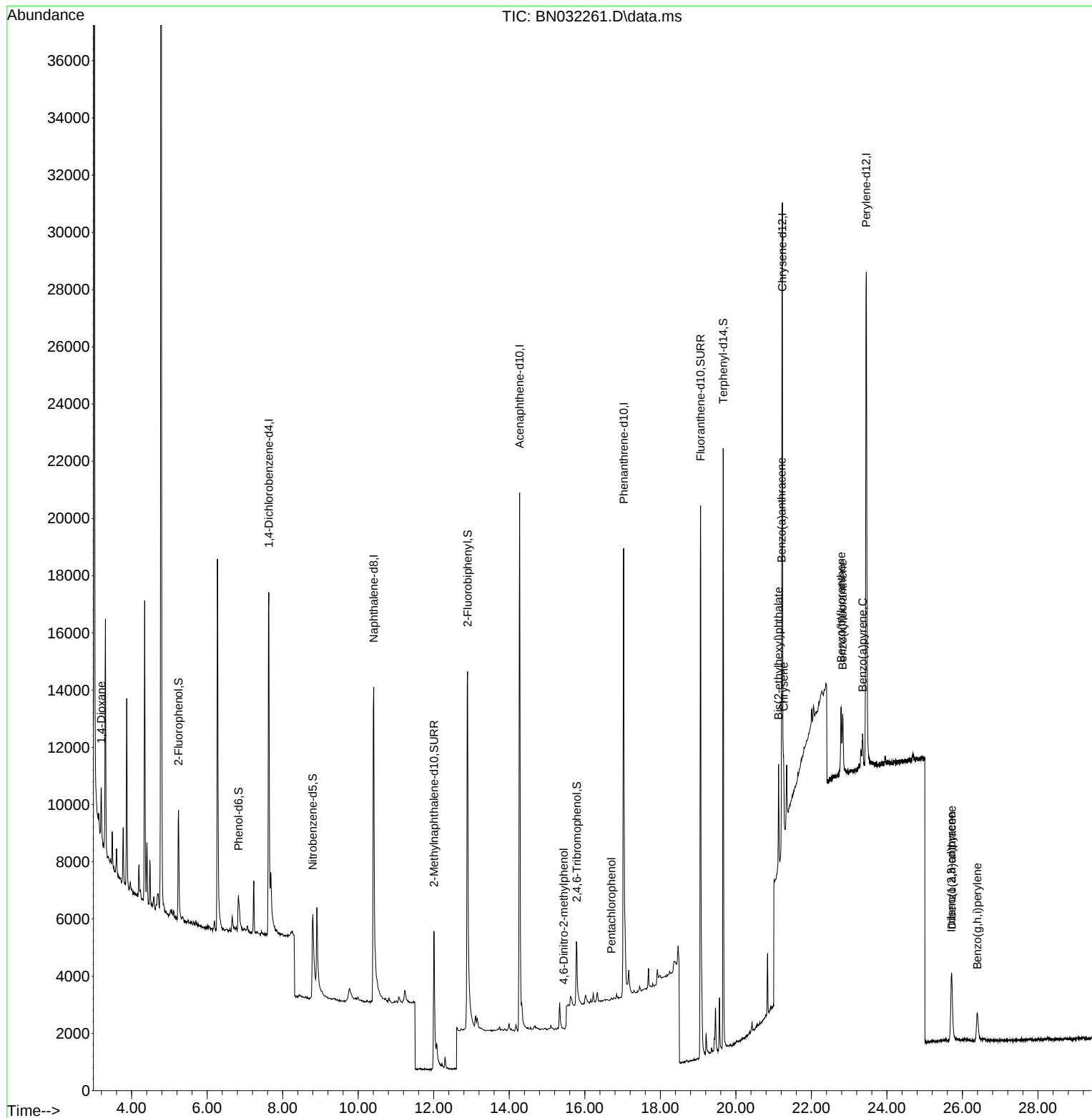
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	7642	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	22146	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	13064	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	27225	0.400	ng	0.00
29) Chrysene-d12	21.229	240	23989	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	26224	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	3888	0.179	ng	0.00
5) Phenol-d6	6.830	99	2105	0.074	ng	0.00
8) Nitrobenzene-d5	8.798	82	5030	0.273	ng	0.00
11) 2-Methylnaphthalene-d10	12.005	152	10029	0.284	ng	-0.02
14) 2,4,6-Tribromophenol	15.787	330	1889	0.302	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	17580	0.355	ng	-0.01
27) Fluoranthene-d10	19.063	212	24198	0.327	ng	0.00
31) Terphenyl-d14	19.663	244	21133	0.360	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	1375	0.147	ng	# 79
20) 4,6-Dinitro-2-methylph...	15.440	198	4	0.175	ng	# 1
24) Pentachlorophenol	16.706	266	67	0.177	ng	# 79
32) Benzo(a)anthracene	21.211	228	2143	0.024	ng	# 84
33) Chrysene	21.265	228	2278	0.027	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.130	149	3730	0.060	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.703	276	3229	0.033	ng	98
37) Benzo(b)fluoranthene	22.785	252	3303	0.035	ng	# 4
38) Benzo(k)fluoranthene	22.829	252	3020	0.033	ng	# 1
39) Benzo(a)pyrene	23.356	252	1826	0.022	ng	# 1
40) Dibenzo(a,h)anthracene	25.715	278	2343	0.030	ng	# 13
41) Benzo(g,h,i)perylene	26.390	276	2286	0.028	ng	# 42

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

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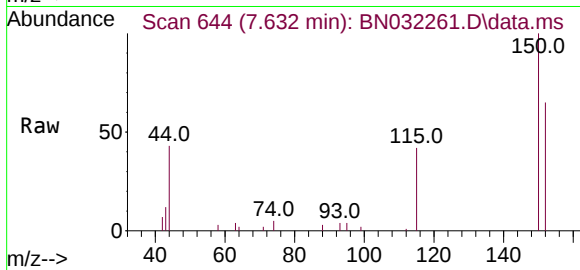
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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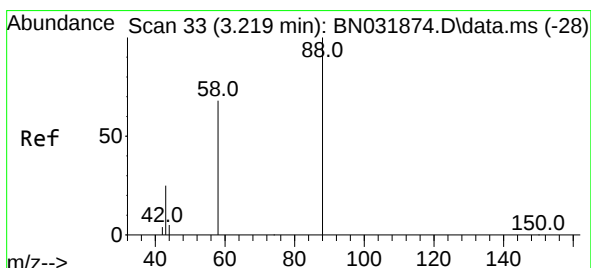
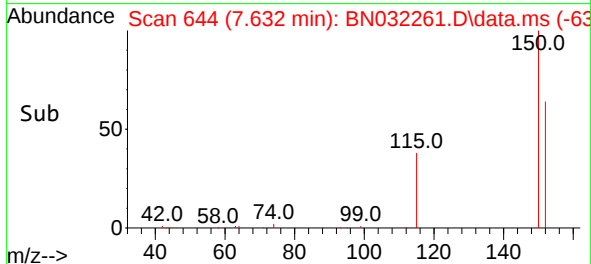
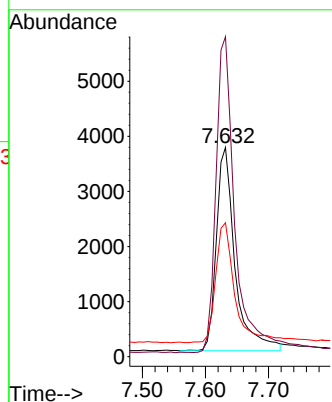
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.632 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN032261.D
 Acq: 26 Jun 2024 04:43

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-281-302-062424



Tgt Ion:152 Resp: 7642

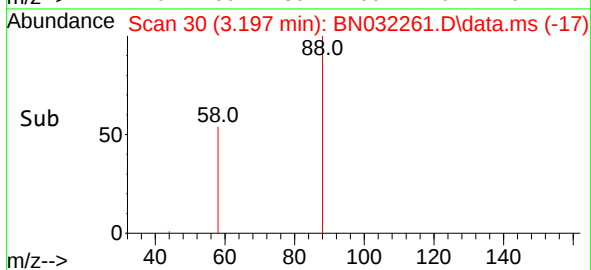
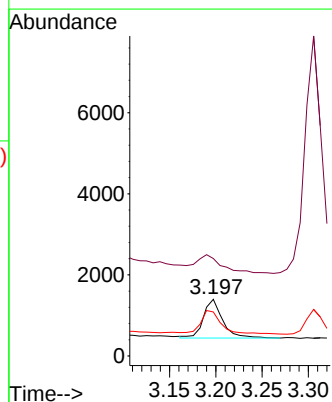
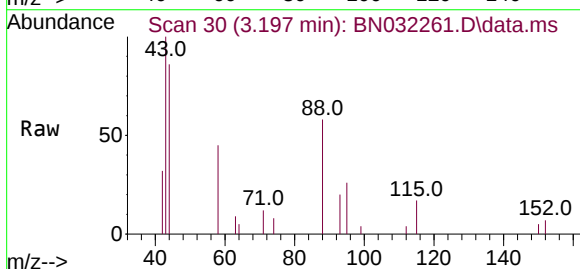
Ion	Ratio	Lower	Upper
152	100		
150	152.9	121.0	181.4
115	64.0	49.4	74.0



#2
 1,4-Dioxane
 Concen: 0.147 ng
 RT: 3.197 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN032261.D
 Acq: 26 Jun 2024 04:43

Tgt Ion: 88 Resp: 1375

Ion	Ratio	Lower	Upper
88	100		
43	64.2	22.7	34.1#
58	64.8	51.3	76.9

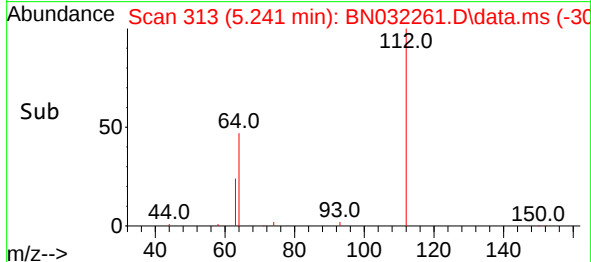
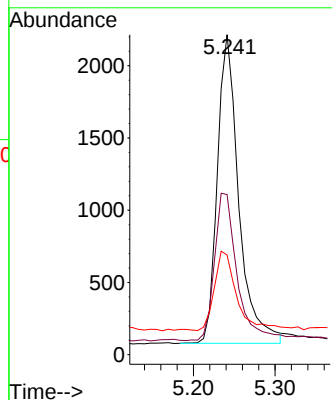
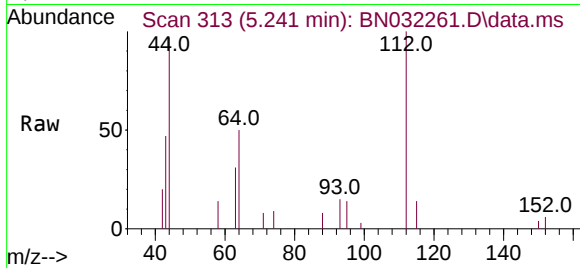




#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.241 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

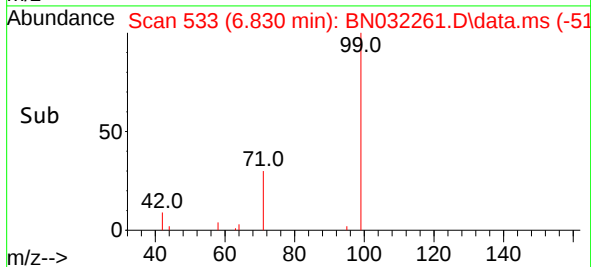
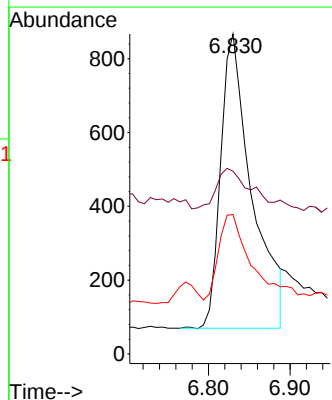
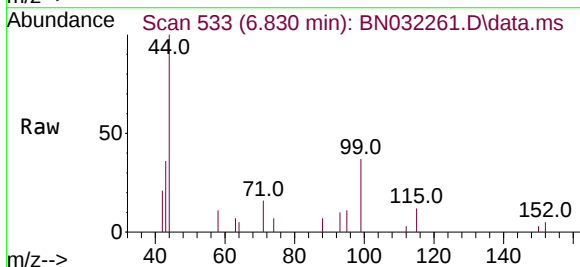
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424

Tgt Ion:112 Resp: 3888
Ion Ratio Lower Upper
112 100
64 50.3 42.4 63.6
63 26.7 22.1 33.1



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.830 min Scan# 533
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

Tgt Ion: 99 Resp: 2105
Ion Ratio Lower Upper
99 100
42 13.7 12.8 19.2
71 28.9 25.4 38.2

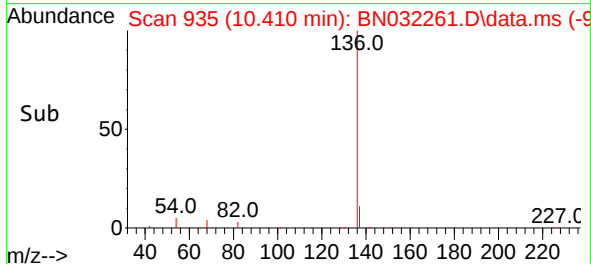
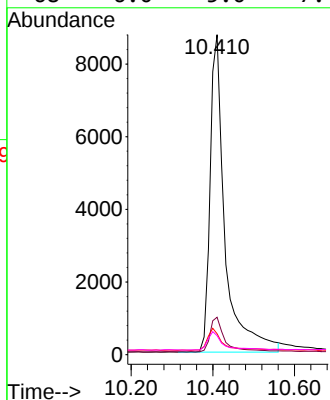
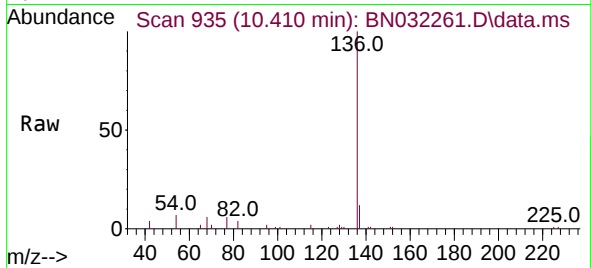




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

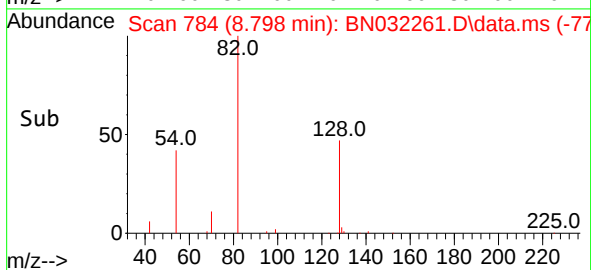
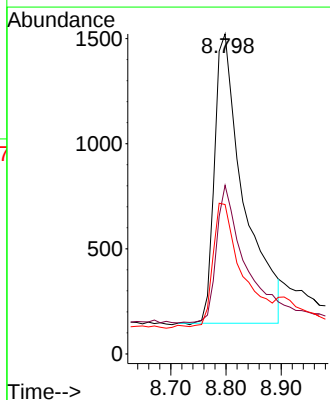
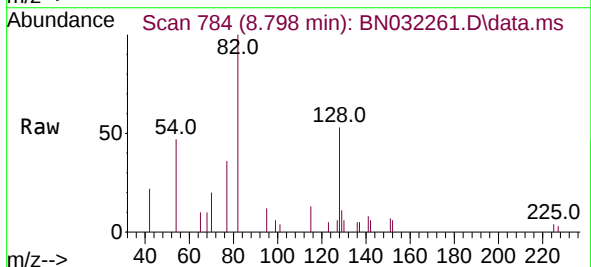
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424

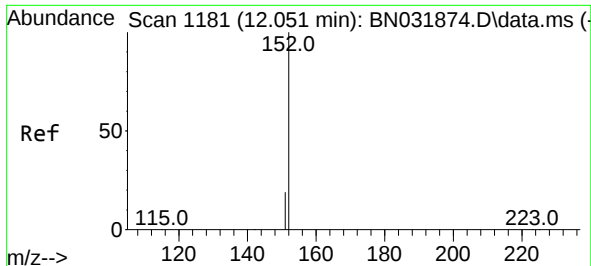
Tgt Ion:	136	Resp:	22146
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.9	13.3
54	6.5	5.6	8.4
68	6.0	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

Tgt Ion:	82	Resp:	5030
Ion Ratio	Lower	Upper	
82	100		
128	52.7	32.1	48.1#
54	46.7	39.7	59.5

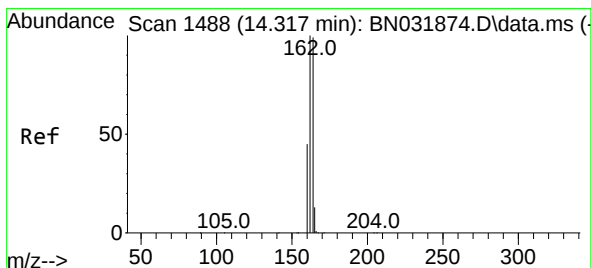
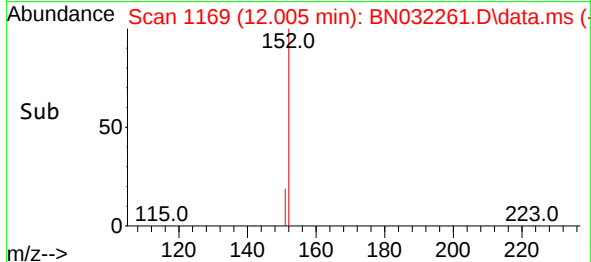
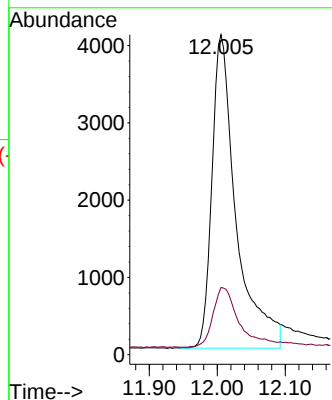
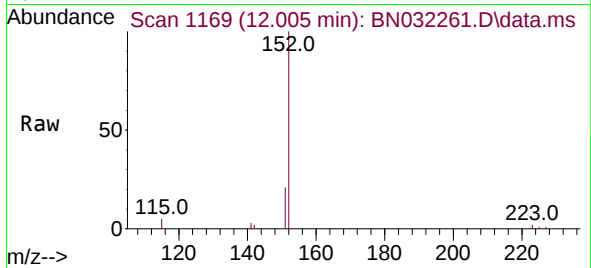




#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.005 min Scan# 1181
Delta R.T. -0.015 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

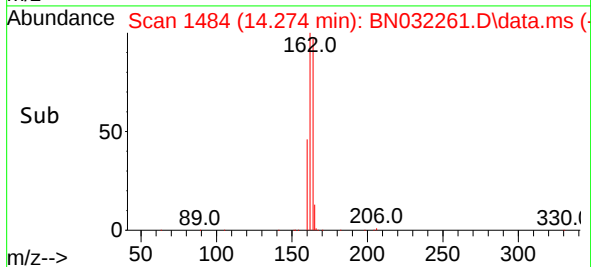
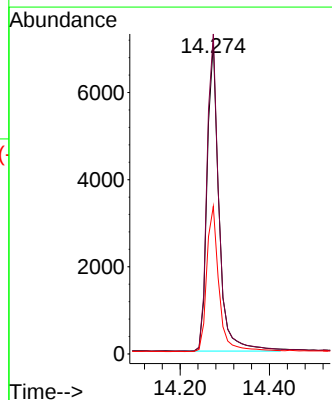
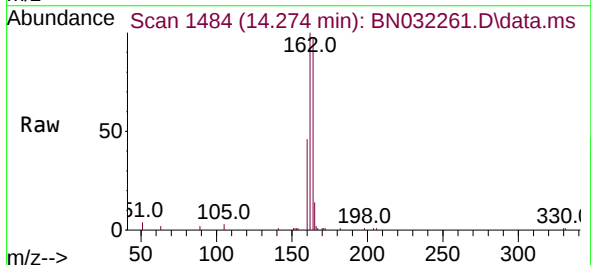
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424

Tgt Ion:152 Resp: 10029
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.011 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

Tgt Ion:164 Resp: 13064
Ion Ratio Lower Upper
164 100
162 102.8 80.7 121.1
160 47.4 36.2 54.4

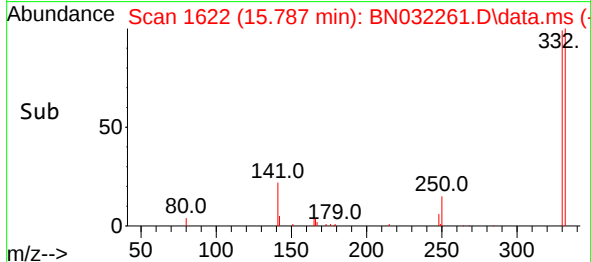
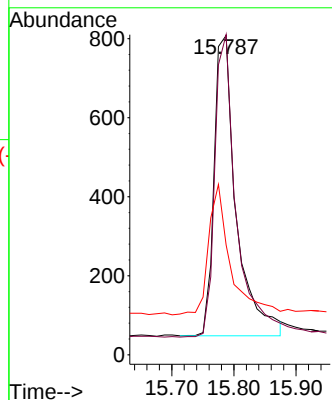
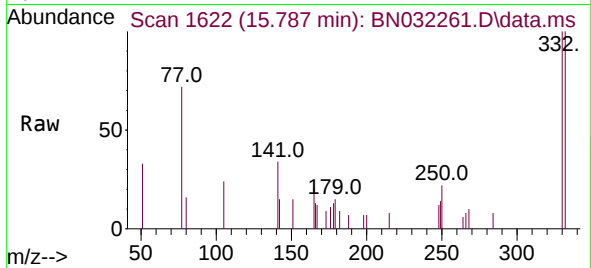




#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.787 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

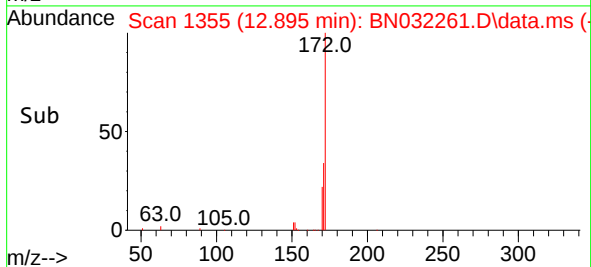
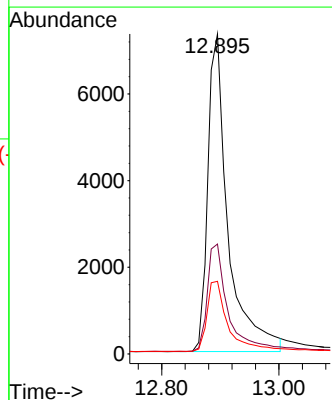
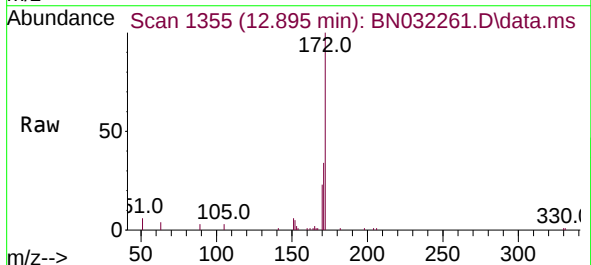
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BNA_N
ClientSampleId :
GWBR-05-281-302-062424

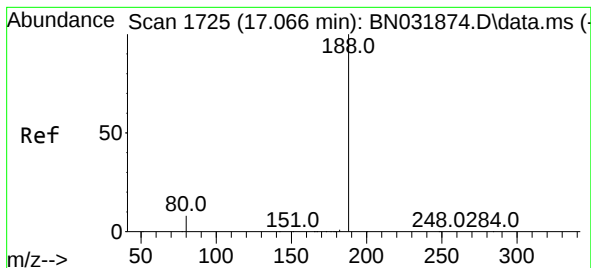
Tgt Ion: 330 Resp: 1889
Ion Ratio Lower Upper
330 100
332 98.0 77.5 116.3
141 42.5 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

Tgt Ion: 172 Resp: 17580
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 22.7 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN032261.D

Acq: 26 Jun 2024 04:43

Instrument :

BNA_N

ClientSampleId :

GWBR-05-281-302-062424

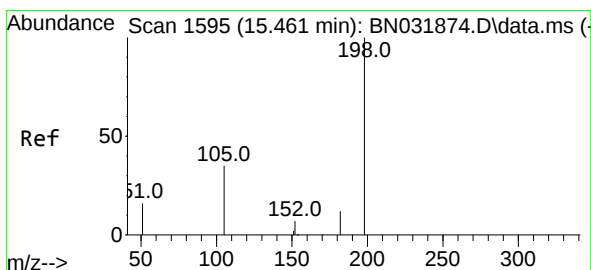
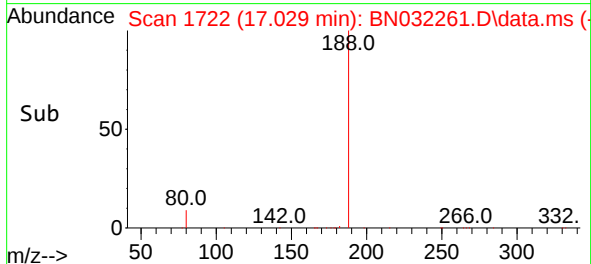
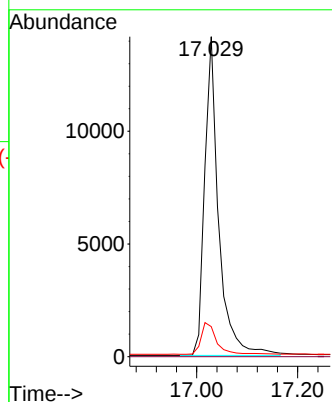
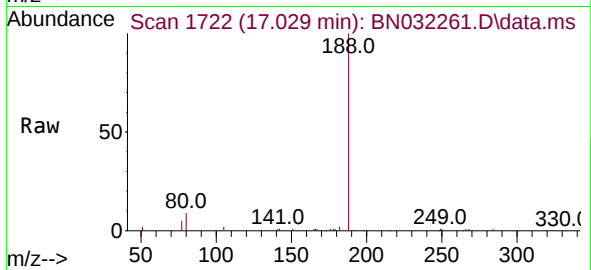
Tgt Ion:188 Resp: 27225

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 6.4 9.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.175 ng

RT: 15.440 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BN032261.D

Acq: 26 Jun 2024 04:43

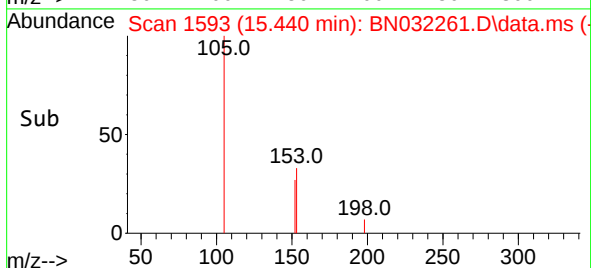
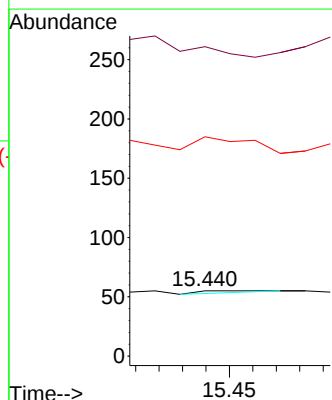
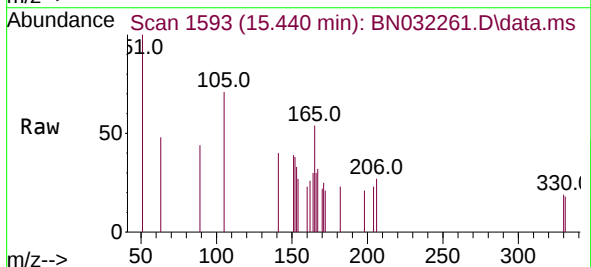
Tgt Ion:198 Resp: 4

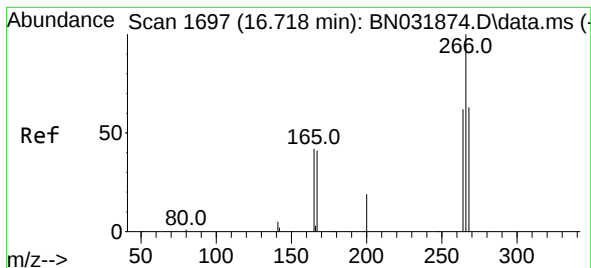
Ion Ratio Lower Upper

198 100

51 474.5 42.7 64.1#

105 336.4 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.177 ng

RT: 16.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032261.D

Acq: 26 Jun 2024 04:43

Instrument :

BNA_N

ClientSampleId :

GWBR-05-281-302-062424

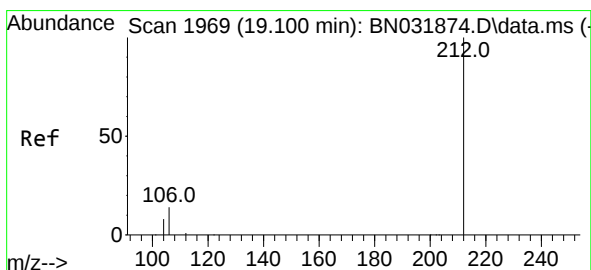
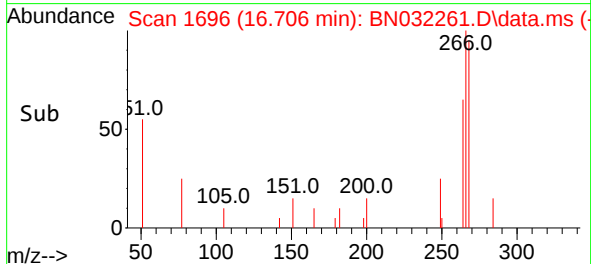
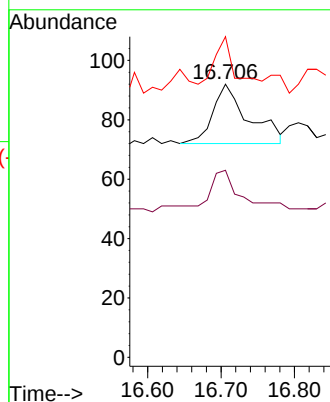
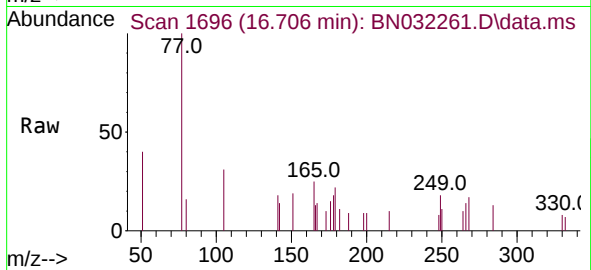
Tgt Ion:266 Resp: 67

Ion Ratio Lower Upper

266 100

264 50.7 50.0 75.0

268 43.3 51.0 76.6#



#27

Fluoranthene-d10

Concen: 0.327 ng

RT: 19.063 min Scan# 1961

Delta R.T. -0.009 min

Lab File: BN032261.D

Acq: 26 Jun 2024 04:43

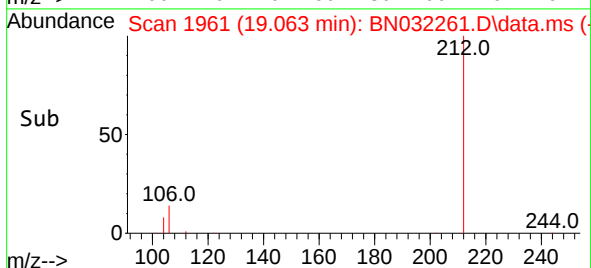
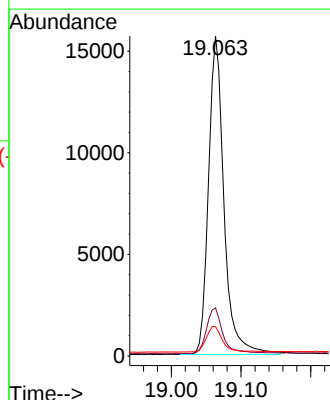
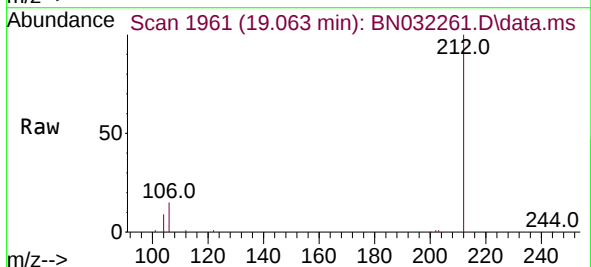
Tgt Ion:212 Resp: 24198

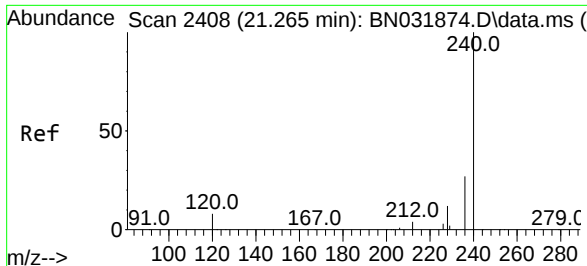
Ion Ratio Lower Upper

212 100

106 14.7 11.8 17.8

104 8.6 6.6 10.0

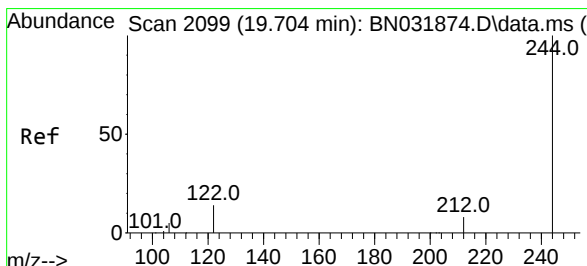
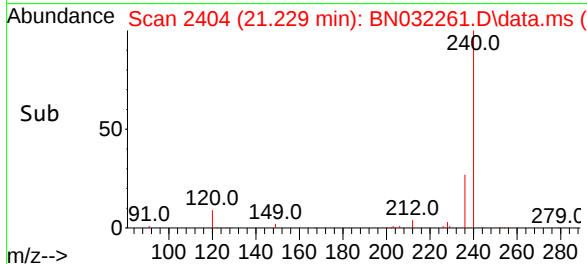
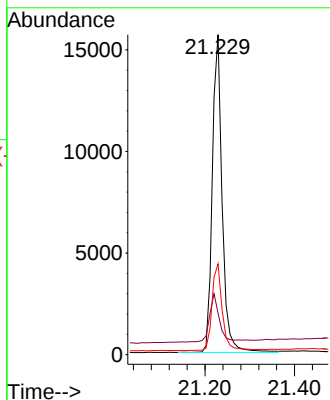
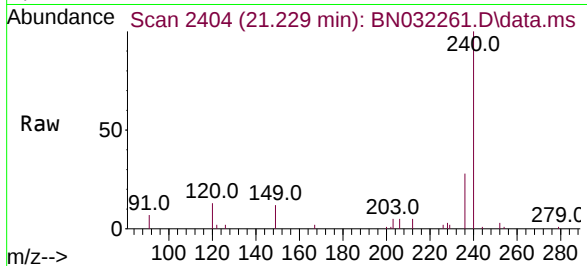




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

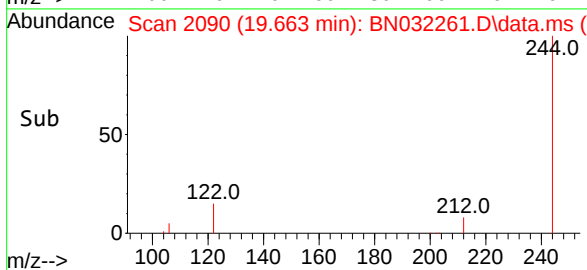
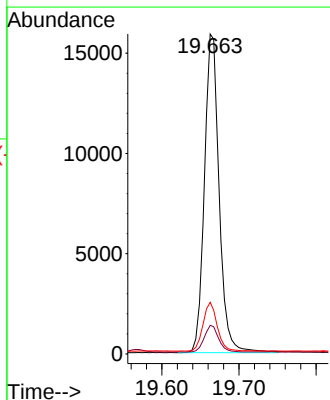
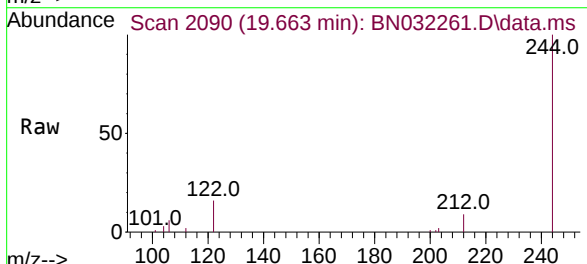
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424

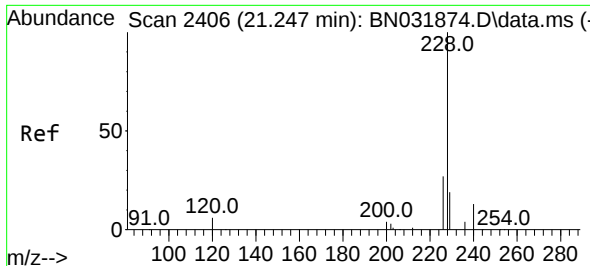
Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.2	12.4#
236	28.4	21.8	32.8



#31
Terphenyl-d14
Concen: 0.360 ng
RT: 19.663 min Scan# 2090
Delta R.T. -0.009 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

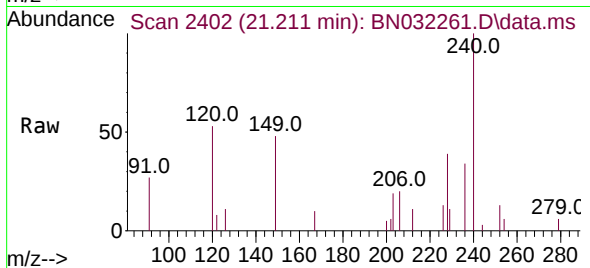
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	16.2	11.4	17.0



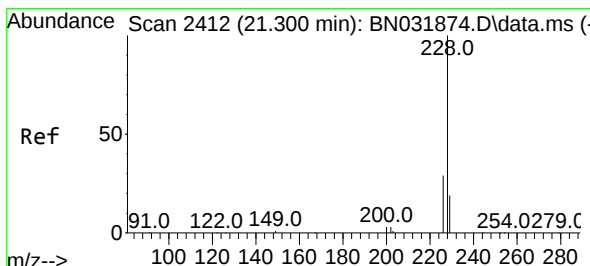
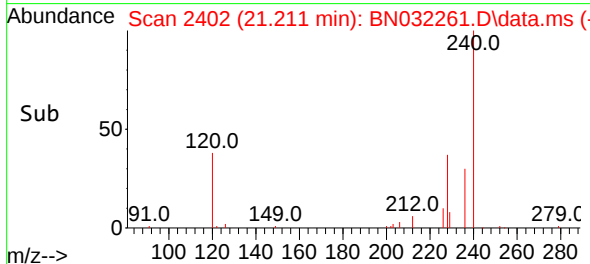
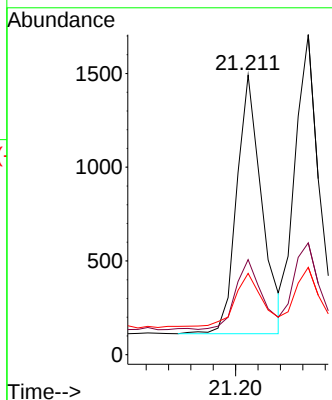


#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424

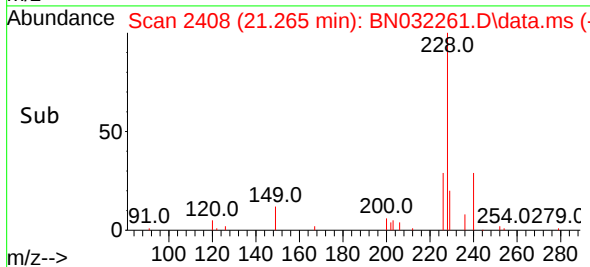
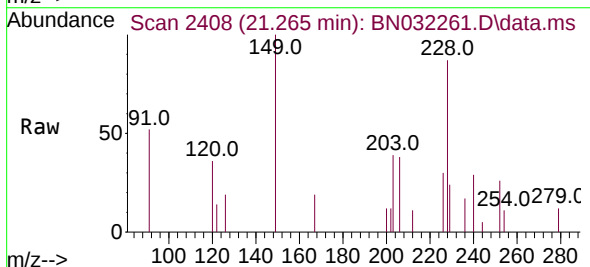
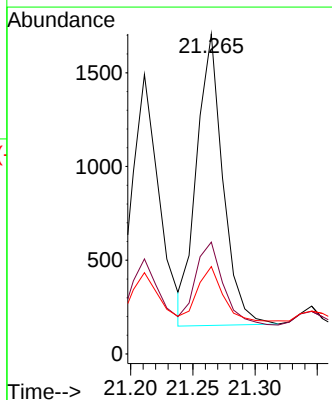


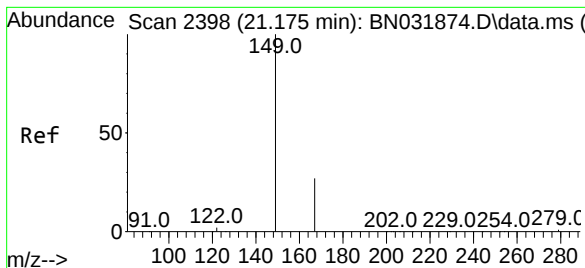
Tgt Ion:228 Resp: 2143
Ion Ratio Lower Upper
228 100
226 34.0 21.8 32.6#
229 29.1 15.8 23.8#



#33
Chrysene
Concen: 0.027 ng
RT: 21.265 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

Tgt Ion:228 Resp: 2278
Ion Ratio Lower Upper
228 100
226 35.0 23.6 35.4
229 27.3 15.8 23.6#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.060 ng

RT: 21.130 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN032261.D

Acq: 26 Jun 2024 04:43

Instrument :

BNA_N

ClientSampleId :

GWBR-05-281-302-062424

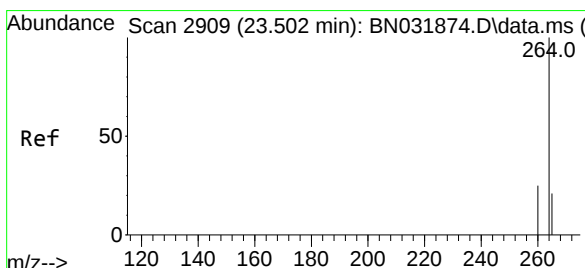
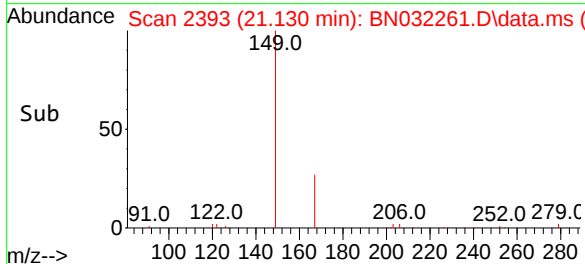
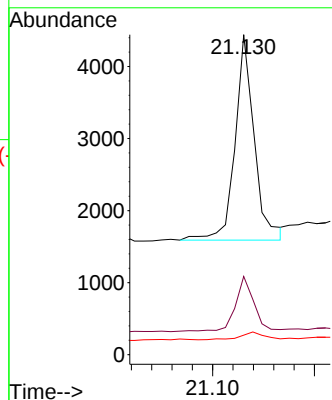
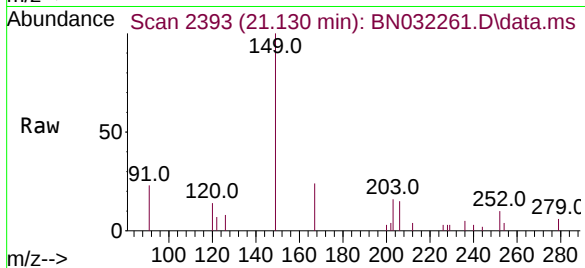
Tgt Ion:149 Resp: 3730

Ion Ratio Lower Upper

149 100

167 25.3 22.5 33.7

279 5.2 2.9 4.3#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.452 min Scan# 2892

Delta R.T. 0.000 min

Lab File: BN032261.D

Acq: 26 Jun 2024 04:43

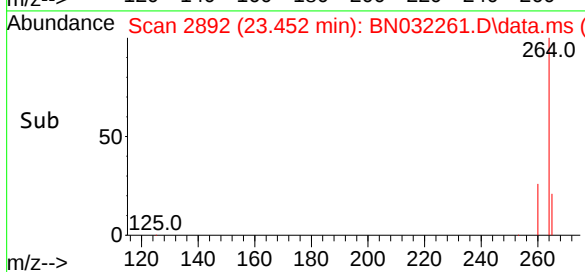
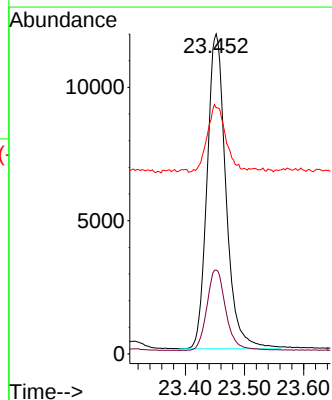
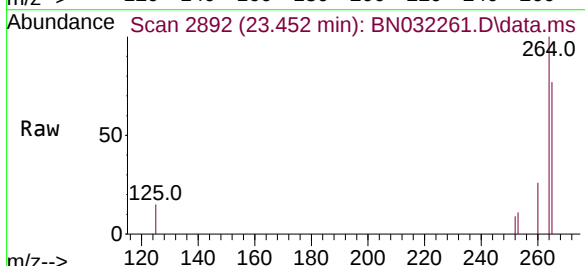
Tgt Ion:264 Resp: 26224

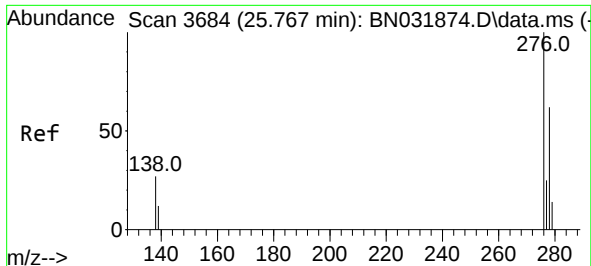
Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

265 77.0 39.6 59.4#

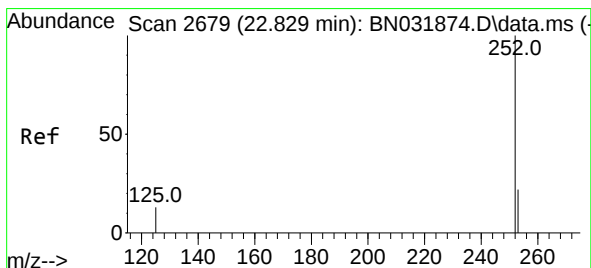
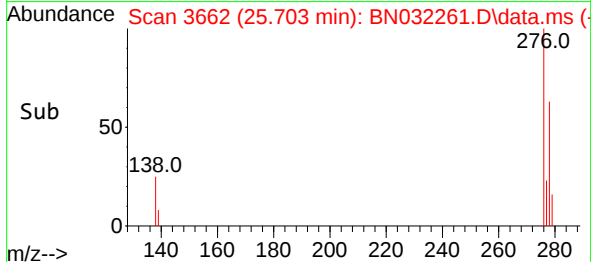
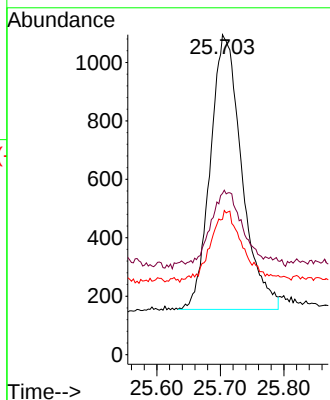
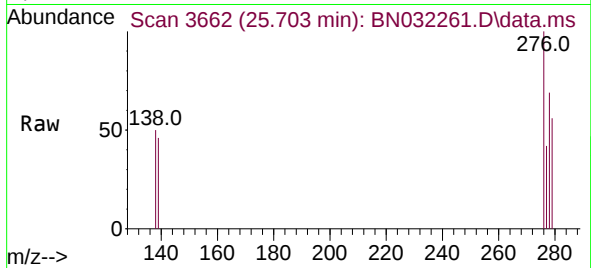




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng
RT: 25.703 min Scan# 30
Delta R.T. 0.009 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

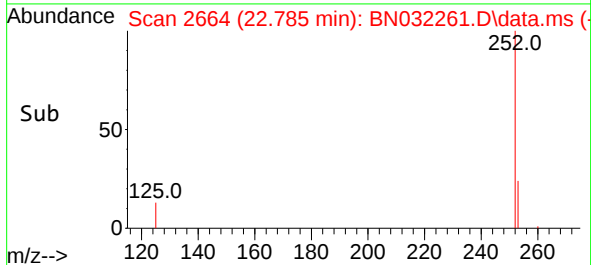
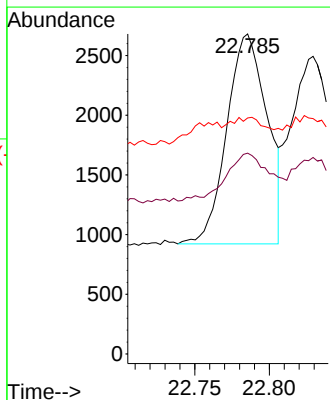
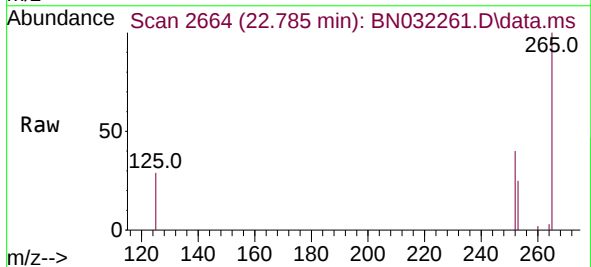
Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424

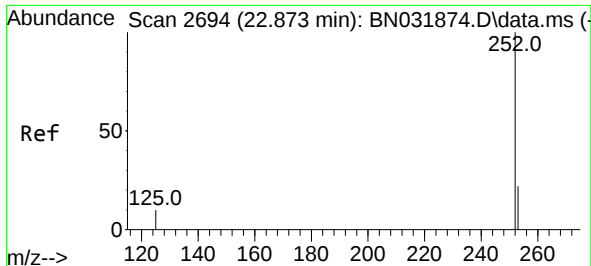
Tgt Ion:276 Resp: 3229
Ion Ratio Lower Upper
276 100
138 25.9 21.5 32.3
277 23.5 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.035 ng
RT: 22.785 min Scan# 2664
Delta R.T. 0.000 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

Tgt Ion:252 Resp: 3303
Ion Ratio Lower Upper
252 100
253 62.8 20.2 30.2#
125 73.7 14.2 21.4#





#38

Benzo(k)fluoranthene

Concen: 0.033 ng

RT: 22.829 min Scan# 2

Delta R.T. 0.000 min

Lab File: BN032261.D

Acq: 26 Jun 2024 04:43

Instrument :

BNA_N

ClientSampleId :

GWBR-05-281-302-062424

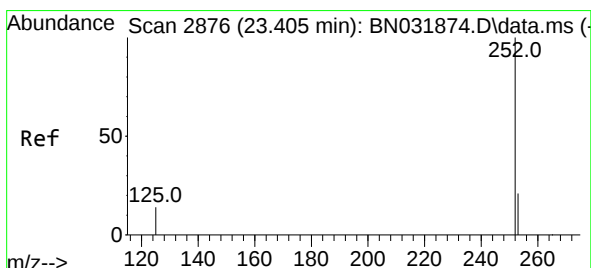
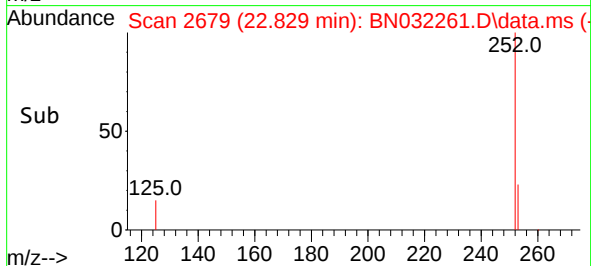
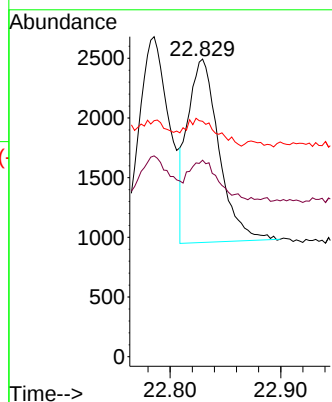
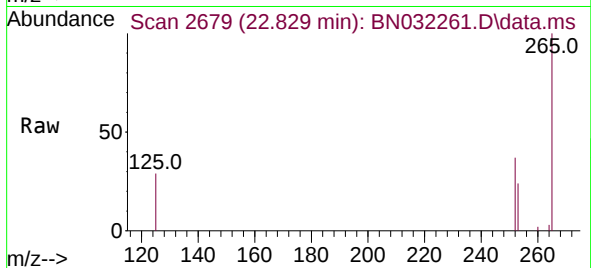
Tgt Ion:252 Resp: 3020

Ion Ratio Lower Upper

252 100

253 66.0 19.9 29.9#

125 79.1 13.0 19.4#



#39

Benzo(a)pyrene

Concen: 0.022 ng

RT: 23.356 min Scan# 2859

Delta R.T. -0.003 min

Lab File: BN032261.D

Acq: 26 Jun 2024 04:43

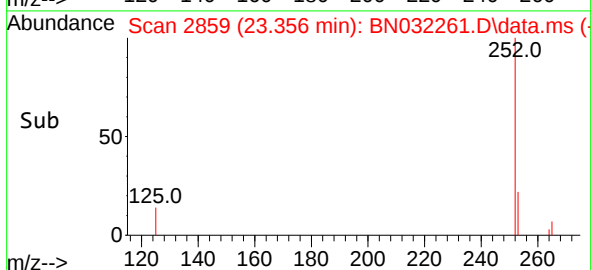
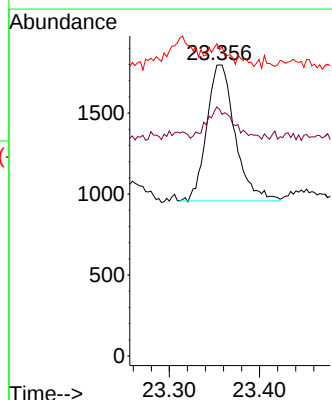
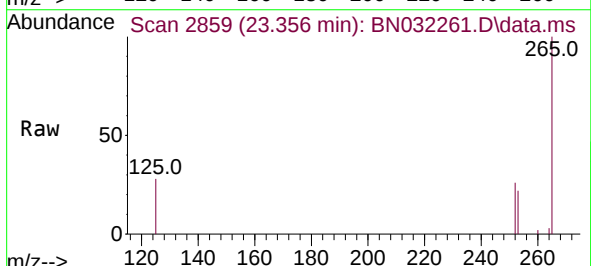
Tgt Ion:252 Resp: 1826

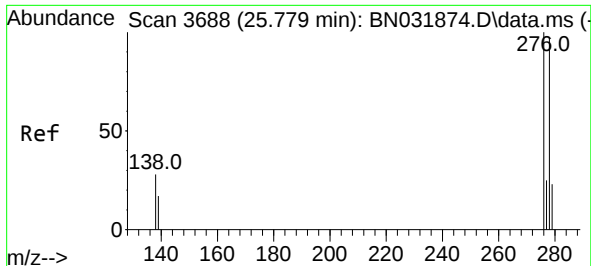
Ion Ratio Lower Upper

252 100

253 84.7 20.5 30.7#

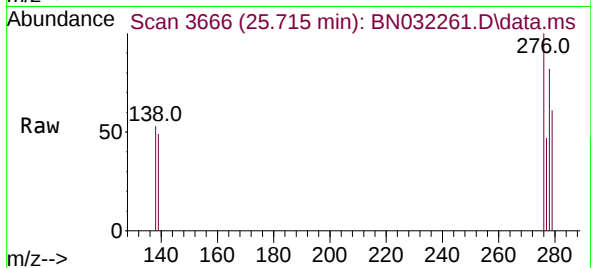
125 105.2 16.4 24.6#



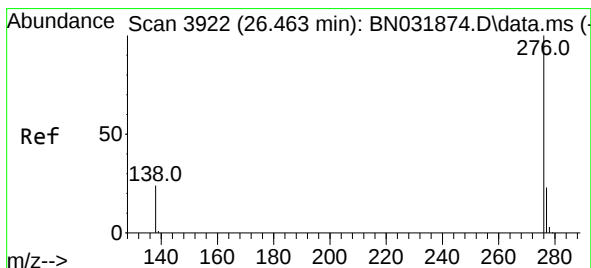
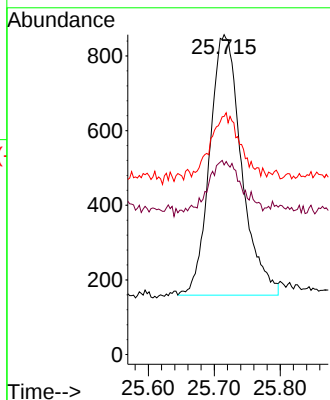


#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 25.715 min Scan# 3666
Delta R.T. 0.009 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

Instrument :
BNA_N
ClientSampleId :
GWBR-05-281-302-062424



Tgt Ion:278 Resp: 2343
Ion Ratio Lower Upper
278 100
139 59.3 17.0 25.4#
279 74.4 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.028 ng
RT: 26.390 min Scan# 3897
Delta R.T. 0.012 min
Lab File: BN032261.D
Acq: 26 Jun 2024 04:43

Tgt Ion:276 Resp: 2286
Ion Ratio Lower Upper
276 100
277 51.4 20.2 30.2#
138 57.9 20.6 31.0#

