

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033040.D
 Acq On : 27 Jul 2024 19:39
 Operator : MA/JU
 Sample : P3375-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-282-302-072524

Quant Time: Jul 29 01:07:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

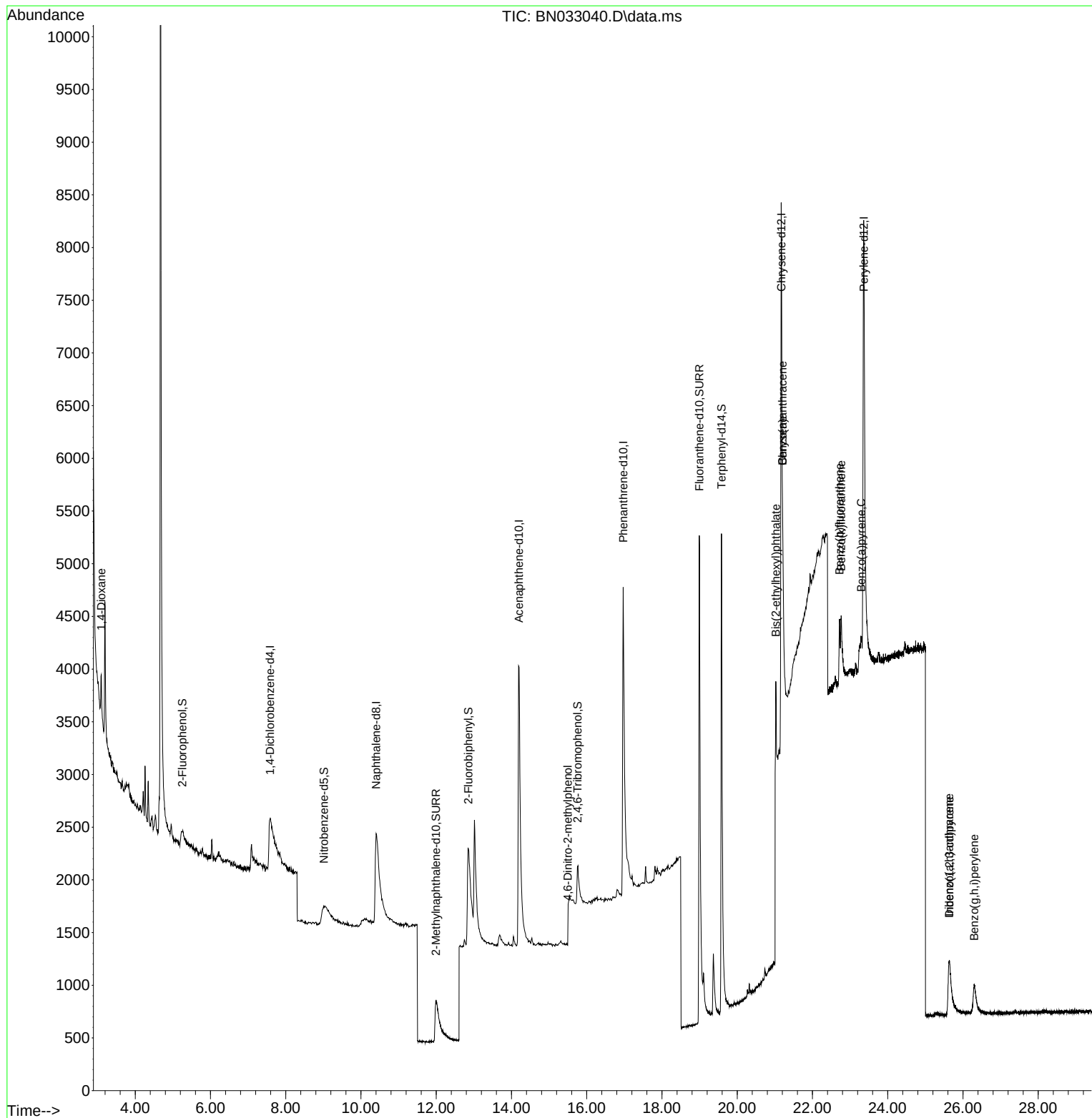
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1119	0.400	ng	# 0.05
7) Naphthalene-d8	10.404	136	5229	0.400	ng	# 0.10
13) Acenaphthene-d10	14.201	164	4184	0.400	ng	0.02
19) Phenanthrene-d10	16.970	188	9188	0.400	ng	0.02
29) Chrysene-d12	21.169	240	8816	0.400	ng	0.00
35) Perylene-d12	23.361	264	9362	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.249	112	529	0.187	ng	0.07
5) Phenol-d6	6.817	99	3	0.001	ng	0.04
8) Nitrobenzene-d5	9.016	82	549	0.139	ng	0.28
11) 2-Methylnaphthalene-d10	11.995	152	2410	0.301	ng	0.08
14) 2,4,6-Tribromophenol	15.753	330	495	0.277	ng	0.03
15) 2-Fluorobiphenyl	12.854	172	3789	0.243	ng	0.04
27) Fluoranthene-d10	18.992	212	9894	0.416	ng	0.00
31) Terphenyl-d14	19.582	244	8639	0.478	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.097	88	386	0.278	ng	# 55
20) 4,6-Dinitro-2-methylph...	15.494	198	2	0.294	ng	# 7
32) Benzo(a)anthracene	21.205	228	1267	0.045	ng	# 75
33) Chrysene	21.205	228	2055	0.062	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.026	149	3464	0.224	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.642	276	1171	0.032	ng	# 68
37) Benzo(b)fluoranthene	22.718	252	983	0.030	ng	# 1
38) Benzo(k)fluoranthene	22.762	252	1029	0.028	ng	# 1
39) Benzo(a)pyrene	23.294	252	771	0.026	ng	# 1
40) Dibenzo(a,h)anthracene	25.630	278	920	0.032	ng	# 1
41) Benzo(g,h,i)perylene	26.300	276	976	0.030	ng	# 31

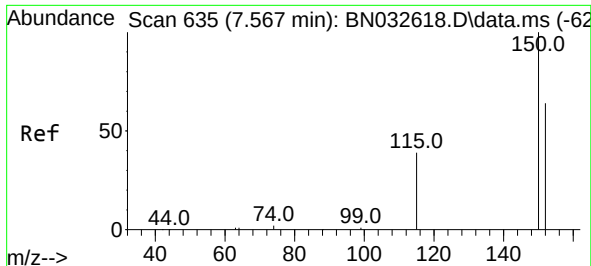
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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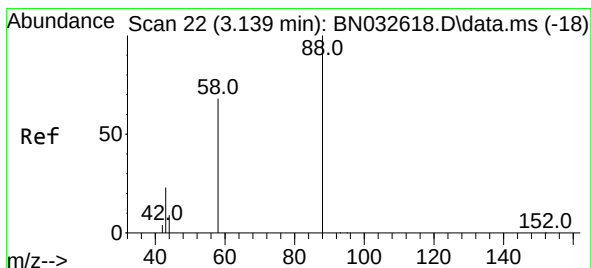
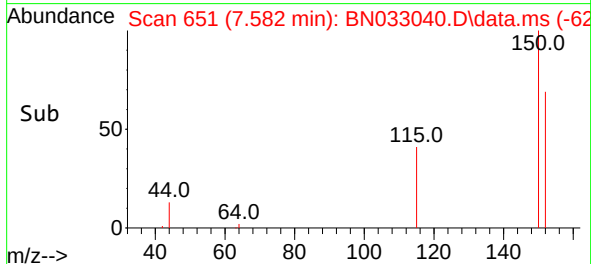
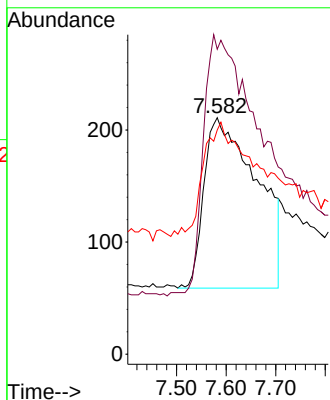
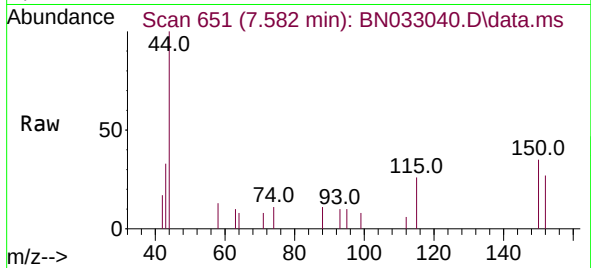




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. 0.051 min
 Lab File: BN033040.D
 Acq: 27 Jul 2024 19:39

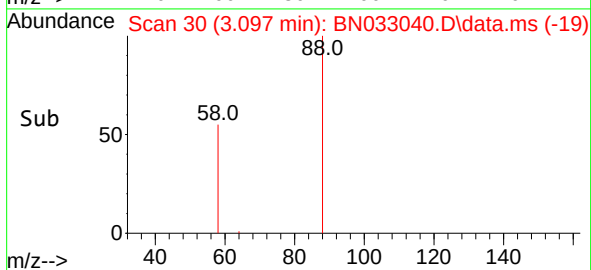
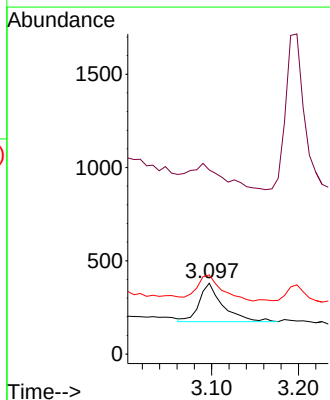
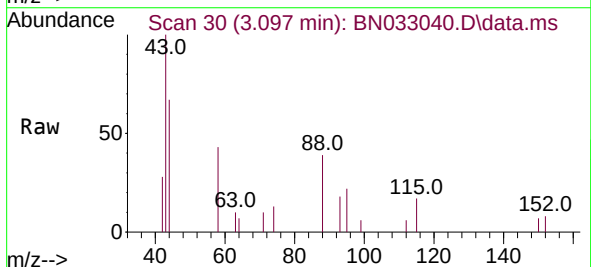
Instrument :
 BNA_N
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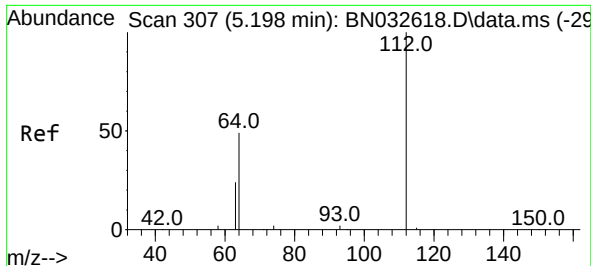
Tgt Ion:152 Resp: 1119
 Ion Ratio Lower Upper
 152 100
 150 128.9 123.8 185.6
 115 94.8 52.8 79.2#



#2
 1,4-Dioxane
 Concen: 0.278 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.021 min
 Lab File: BN033040.D
 Acq: 27 Jul 2024 19:39

Tgt Ion: 88 Resp: 386
 Ion Ratio Lower Upper
 88 100
 43 87.0 18.4 27.6#
 58 70.7 49.2 73.8

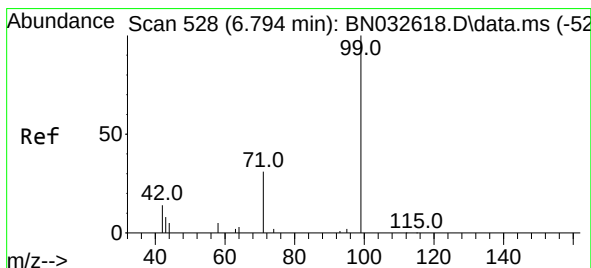
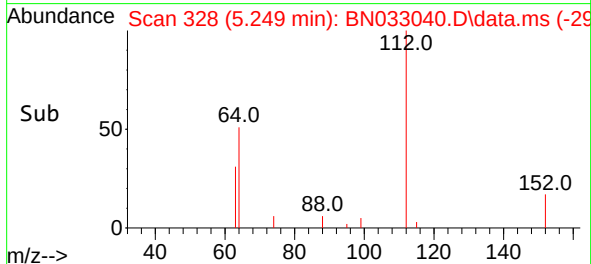
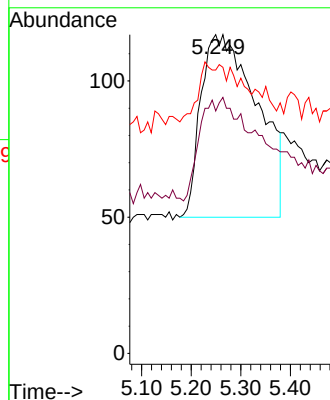
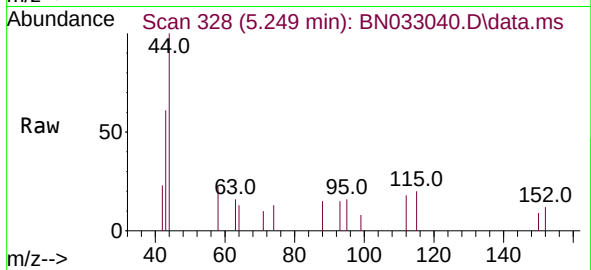




#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.249 min Scan# 31
Delta R.T. 0.073 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

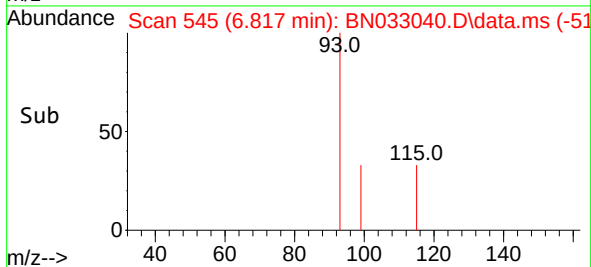
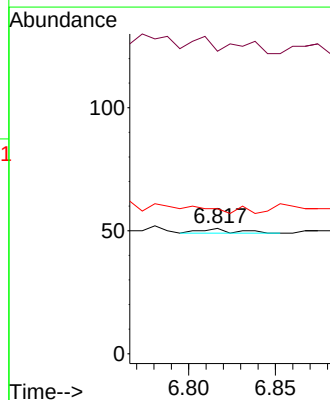
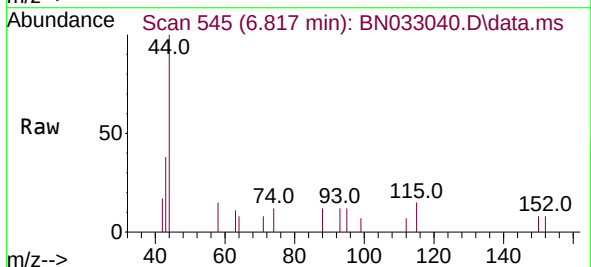
Instrument :
BNA_N
ClientSampleId :
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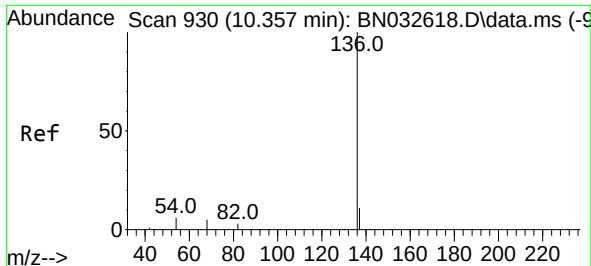
Tgt Ion:112 Resp: 529
Ion Ratio Lower Upper
112 100
64 17.4 40.2 60.4#
63 0.0 22.2 33.4#



#5
Phenol-d6
Concen: 0.001 ng
RT: 6.817 min Scan# 545
Delta R.T. 0.037 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

Tgt Ion: 99 Resp: 3
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 33.3 22.3 33.5

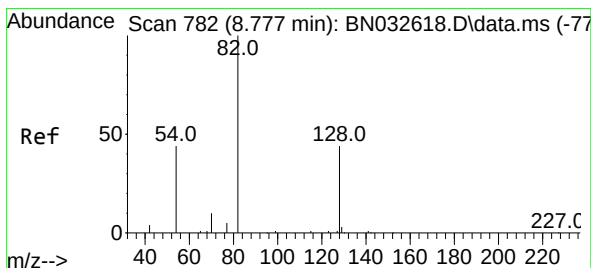
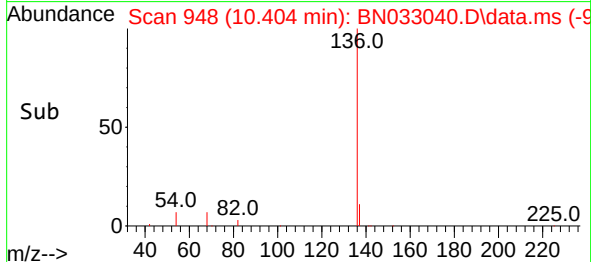
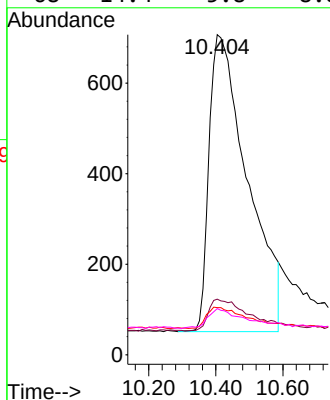
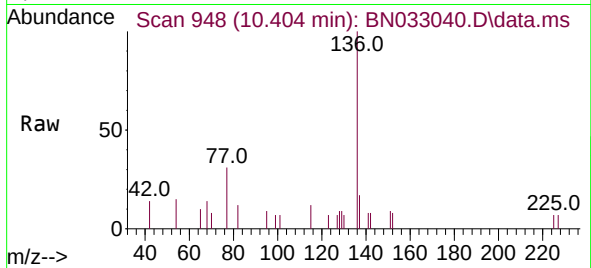




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 94
Delta R.T. 0.101 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

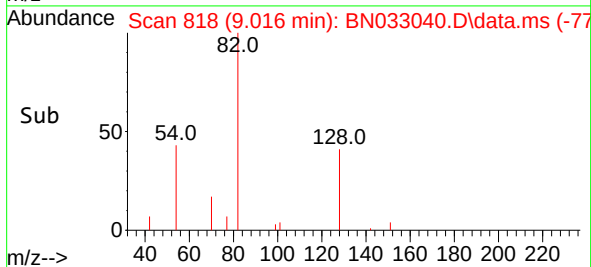
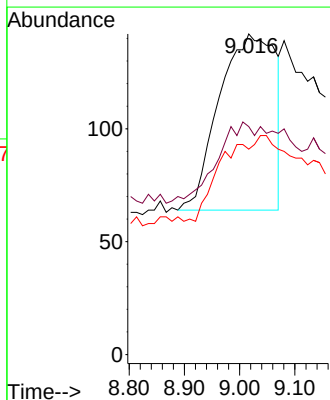
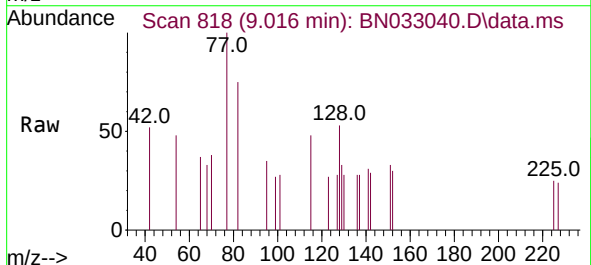
Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524

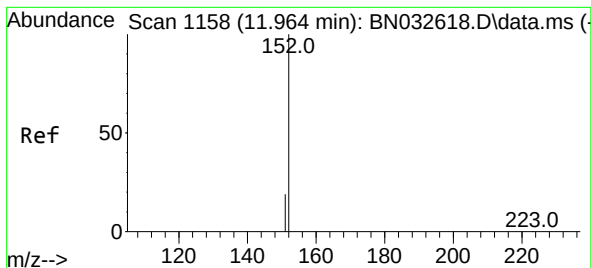
Tgt Ion:	136	Resp:	5229
Ion	Ratio	Lower	Upper
136	100		
137	17.4	9.9	14.9#
54	14.7	6.5	9.7#
68	14.4	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.139 ng
RT: 9.016 min Scan# 818
Delta R.T. 0.282 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

Tgt Ion:	82	Resp:	549
Ion	Ratio	Lower	Upper
82	100		
128	71.1	41.7	62.5#
54	64.1	39.5	59.3#

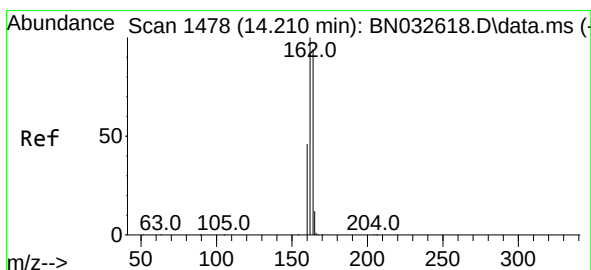
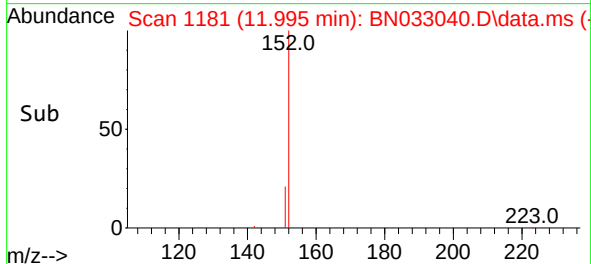
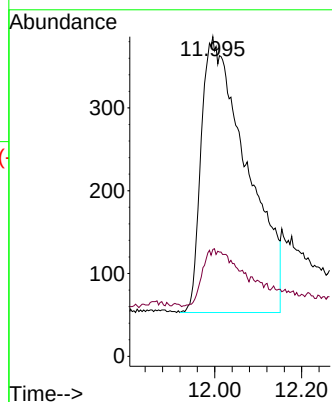
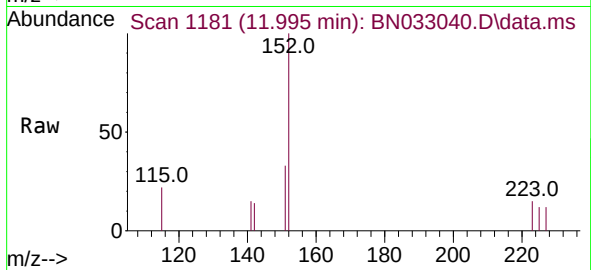




#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 11.995 min Scan# 1158
Delta R.T. 0.081 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

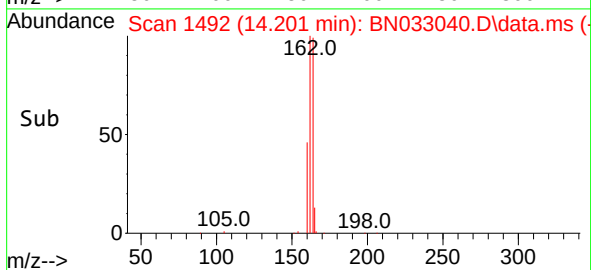
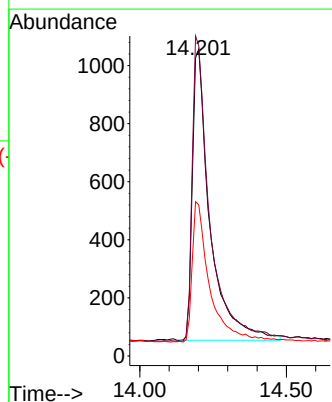
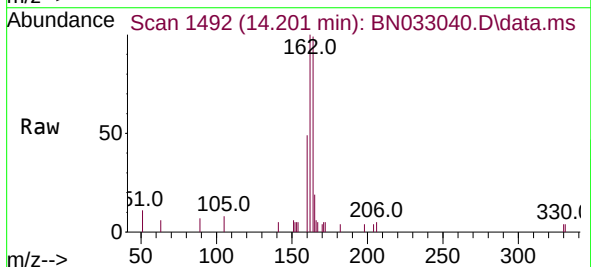
Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524

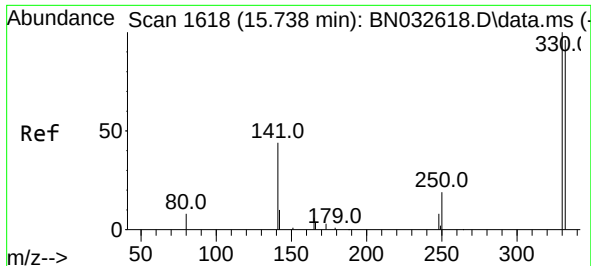
Tgt Ion:152 Resp: 2410
Ion Ratio Lower Upper
152 100
151 4.5 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.201 min Scan# 1492
Delta R.T. 0.023 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

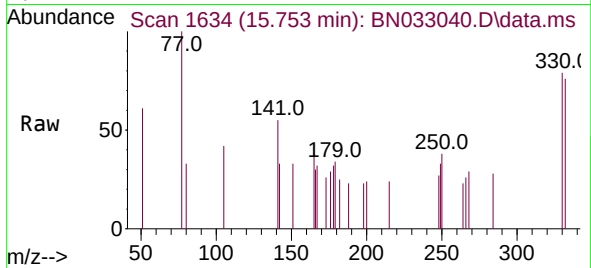
Tgt Ion:164 Resp: 4184
Ion Ratio Lower Upper
164 100
162 101.0 85.0 127.4
160 49.2 39.4 59.2



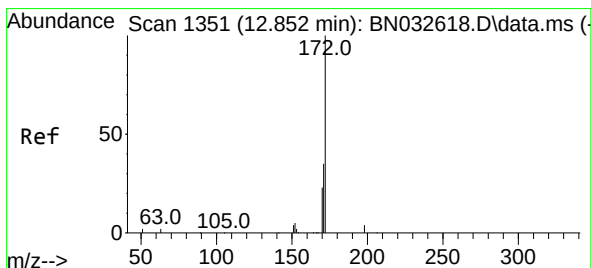
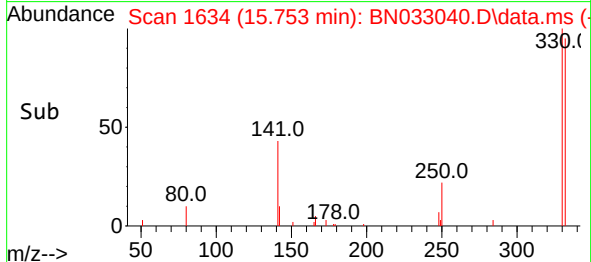
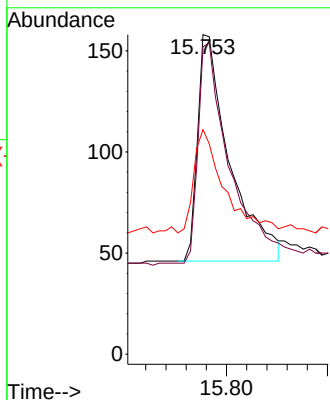


#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 15.753 min Scan# 1634
Delta R.T. 0.028 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524

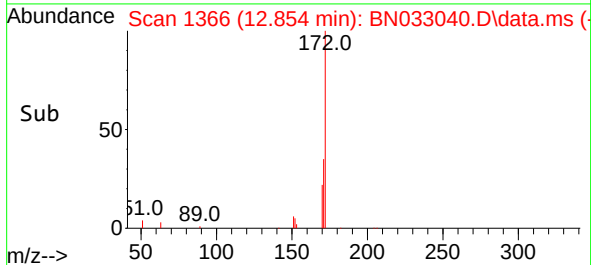
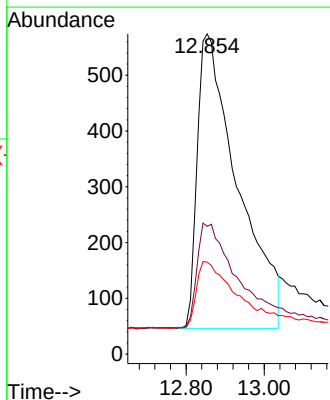
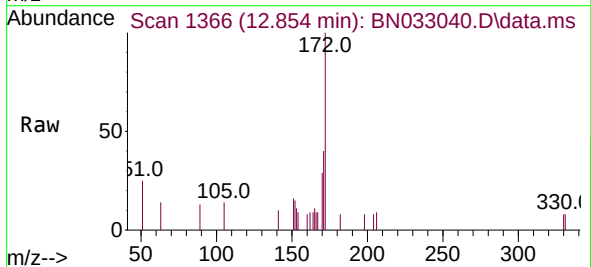


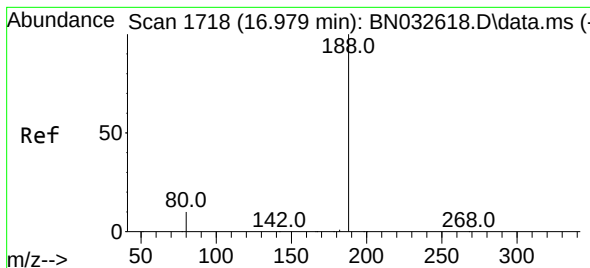
Tgt Ion:330 Resp: 495
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 40.6 34.2 51.2



#15
2-Fluorobiphenyl
Concen: 0.243 ng
RT: 12.854 min Scan# 1366
Delta R.T. 0.044 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

Tgt Ion:172 Resp: 3789
Ion Ratio Lower Upper
172 100
171 39.9 28.6 43.0
170 28.7 19.0 28.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.970 min Scan# 11

Delta R.T. 0.016 min

Lab File: BN033040.D

Acq: 27 Jul 2024 19:39

Instrument :

BNA_N

ClientSampleId :

GWBR-05-282-302-072524

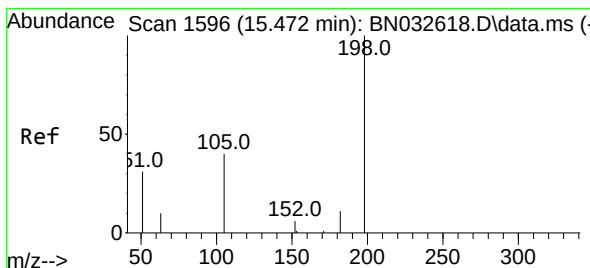
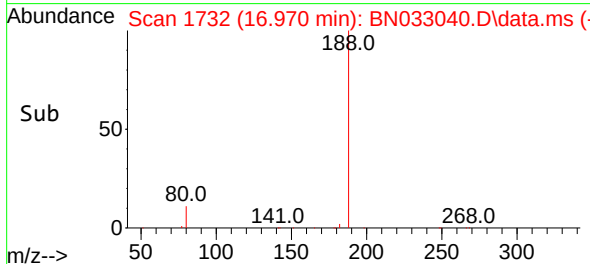
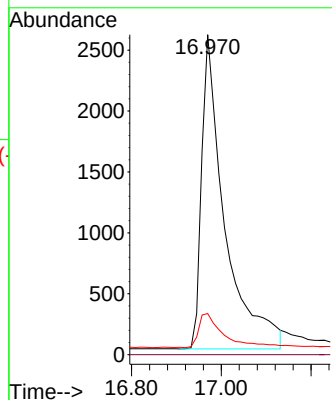
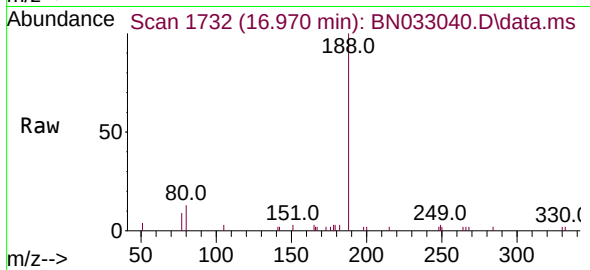
Tgt Ion:188 Resp: 9188

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.9 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.294 ng

RT: 15.494 min Scan# 1613

Delta R.T. 0.022 min

Lab File: BN033040.D

Acq: 27 Jul 2024 19:39

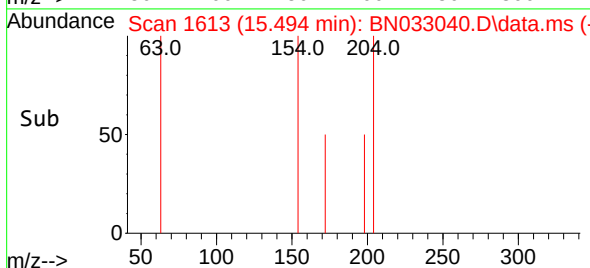
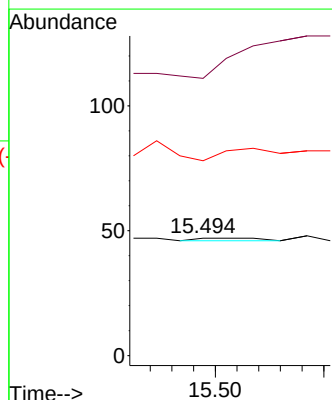
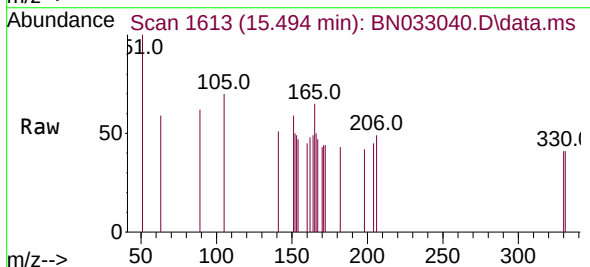
Tgt Ion:198 Resp: 2

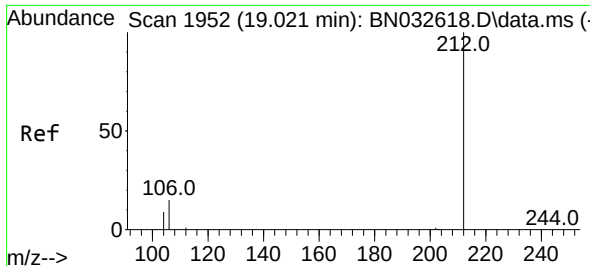
Ion Ratio Lower Upper

198 100

51 236.2 105.7 158.5#

105 166.0 63.0 94.6#

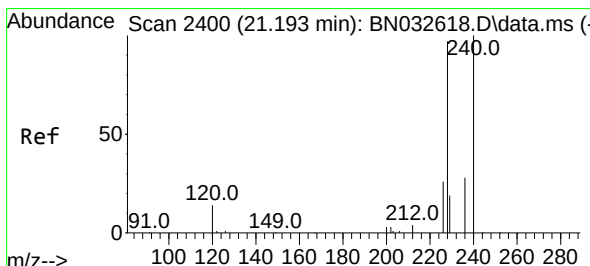
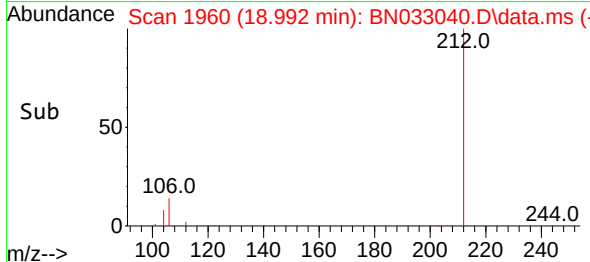
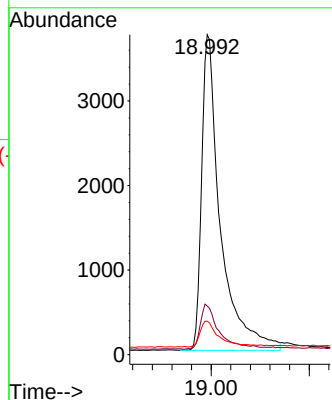
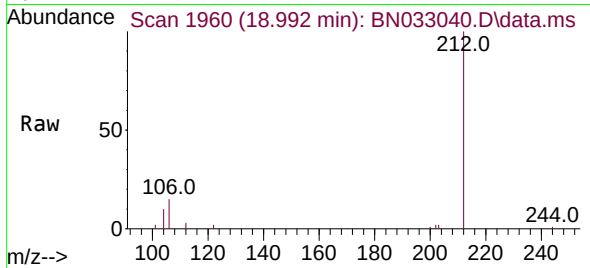




#27
Fluoranthene-d10
Concen: 0.416 ng
RT: 18.992 min Scan# 1952
Delta R.T. -0.001 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

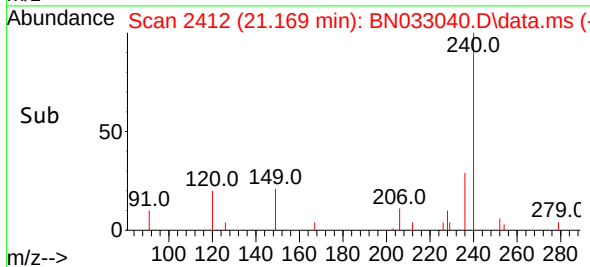
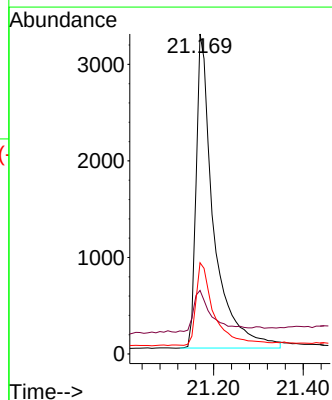
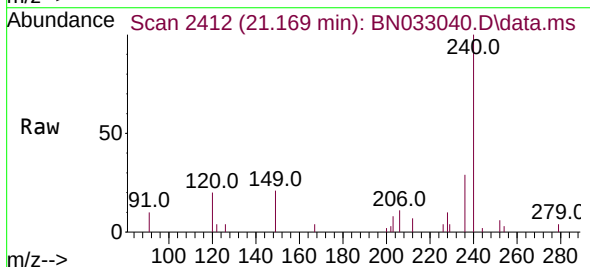
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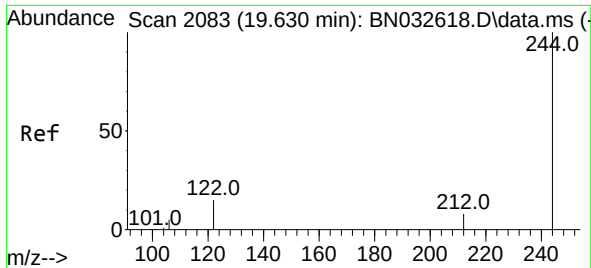
Tgt Ion:212 Resp: 9894
Ion Ratio Lower Upper
212 100
106 13.7 11.9 17.9
104 8.3 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.169 min Scan# 2412
Delta R.T. 0.003 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

Tgt Ion:240 Resp: 8816
Ion Ratio Lower Upper
240 100
120 19.9 14.8 22.2
236 28.5 23.3 34.9

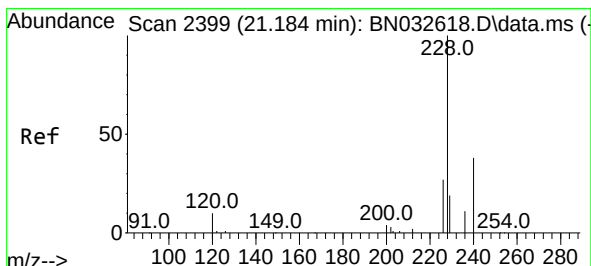
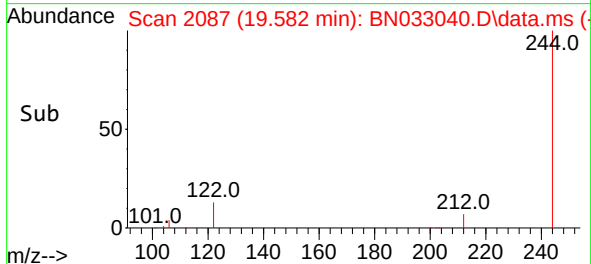
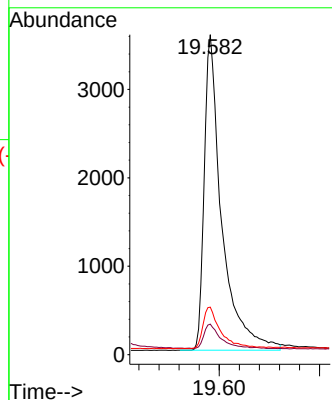
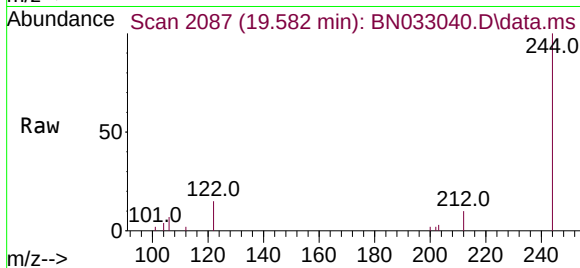




#31
Terphenyl-d14
Concen: 0.478 ng
RT: 19.582 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

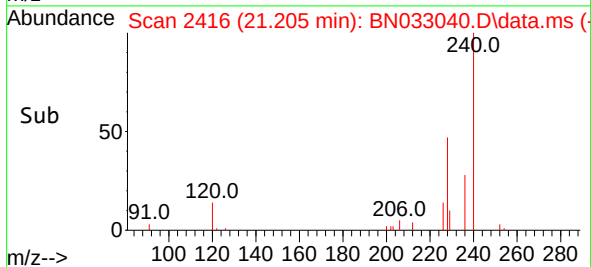
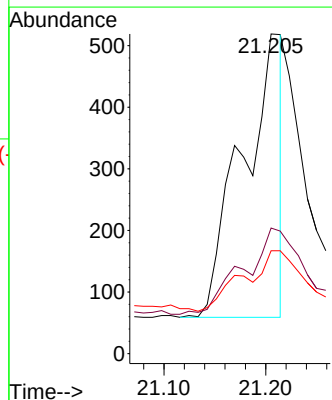
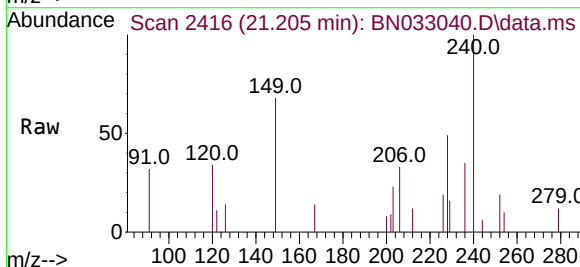
Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524

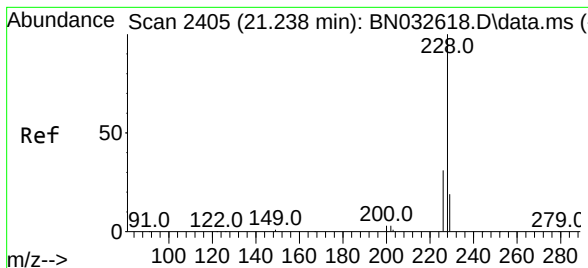
Tgt Ion:	244	Resp:	8639
Ion Ratio	Lower	Upper	
244	100		
212	9.5	7.5	11.3
122	14.9	12.6	19.0



#32
Benzo(a)anthracene
Concen: 0.045 ng
RT: 21.205 min Scan# 2416
Delta R.T. 0.057 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

Tgt Ion:	228	Resp:	1267
Ion Ratio	Lower	Upper	
228	100		
226	39.3	21.8	32.6#
229	32.2	16.0	24.0#





#33

Chrysene

Concen: 0.062 ng

RT: 21.205 min Scan# 2405

Delta R.T. 0.003 min

Lab File: BN033040.D

Acq: 27 Jul 2024 19:39

Instrument :

BNA_N

ClientSampleId :

GWBR-05-282-302-072524

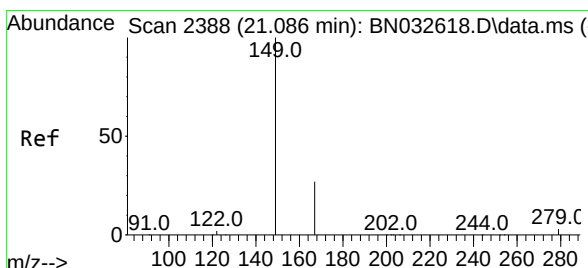
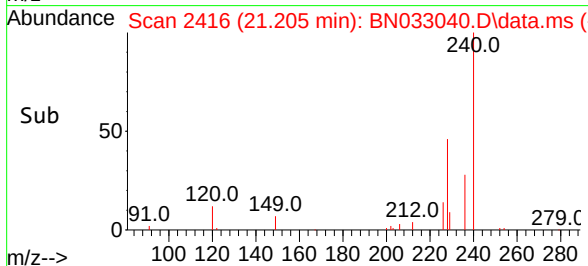
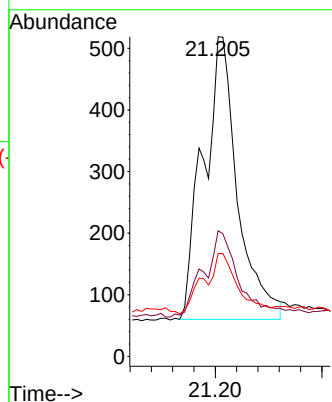
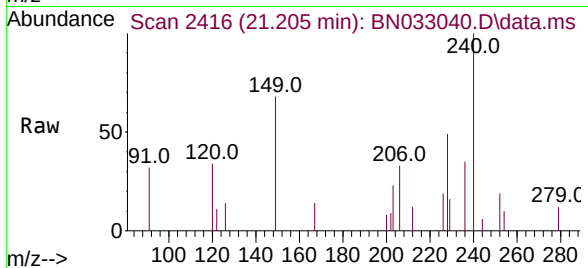
Tgt Ion:228 Resp: 2055

Ion Ratio Lower Upper

228 100

226 39.3 24.2 36.2#

229 32.2 16.0 24.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.224 ng

RT: 21.026 min Scan# 2396

Delta R.T. -0.024 min

Lab File: BN033040.D

Acq: 27 Jul 2024 19:39

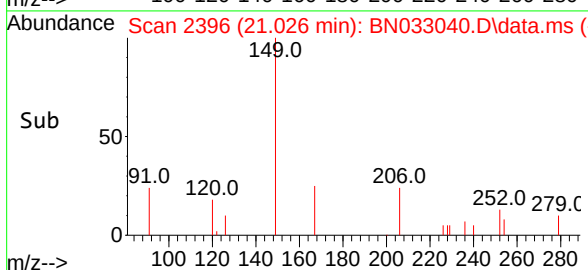
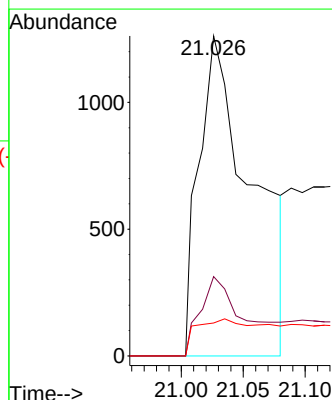
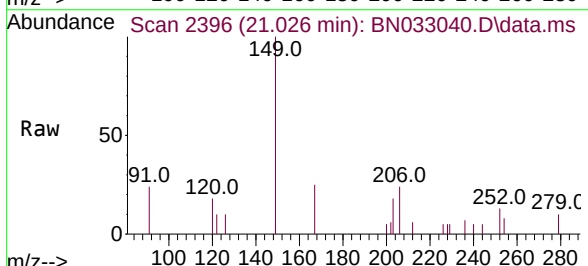
Tgt Ion:149 Resp: 3464

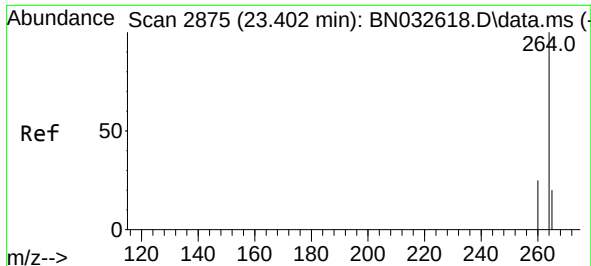
Ion Ratio Lower Upper

149 100

167 20.2 21.4 32.2#

279 12.1 2.8 4.2#

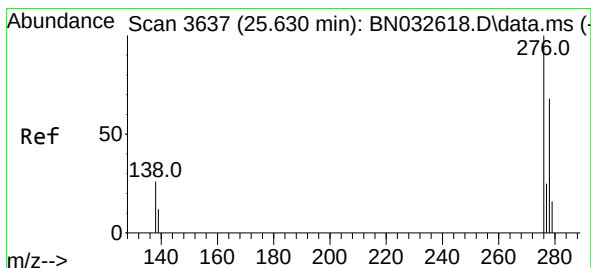
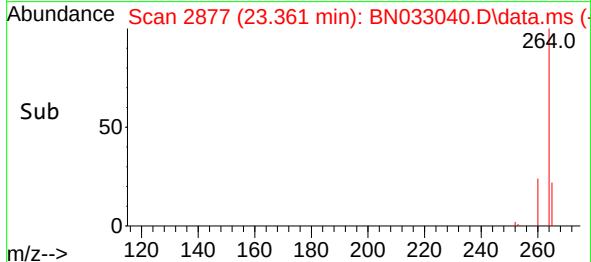
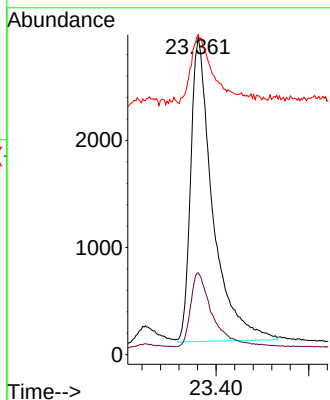
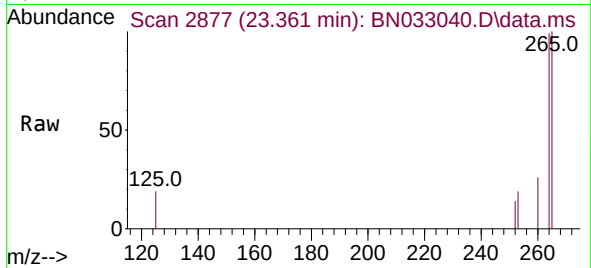




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.361 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN033040.D
 Acq: 27 Jul 2024 19:39

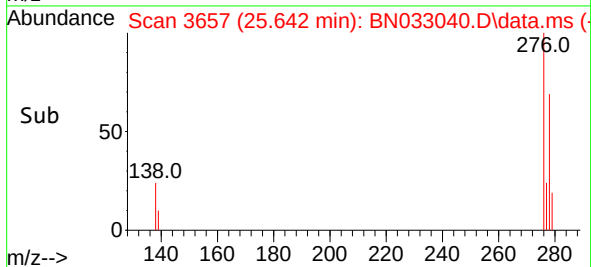
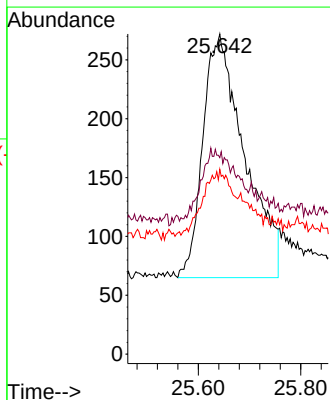
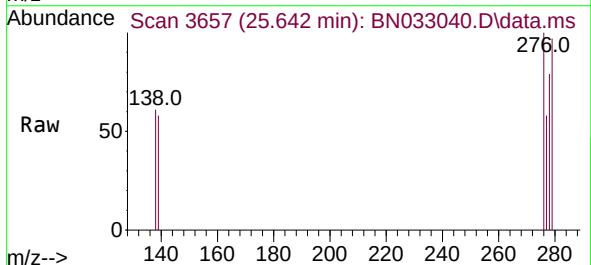
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-282-302-072524

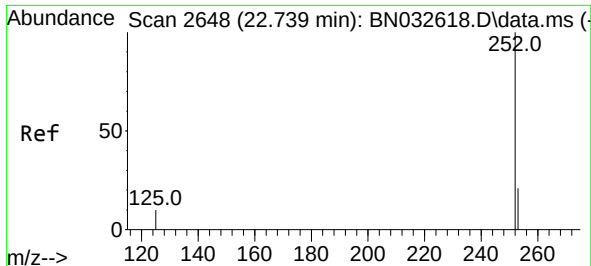
Tgt Ion:264 Resp: 9362
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.9 31.3
 265 100.8 85.4 128.2



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.032 ng
 RT: 25.642 min Scan# 3657
 Delta R.T. 0.073 min
 Lab File: BN033040.D
 Acq: 27 Jul 2024 19:39

Tgt Ion:276 Resp: 1171
 Ion Ratio Lower Upper
 276 100
 138 8.6 21.0 31.4#
 277 10.1 19.5 29.3#





#37

Benzo(b)fluoranthene

Concen: 0.030 ng

RT: 22.718 min Scan# 2657

Delta R.T. 0.018 min

Lab File: BN033040.D

Acq: 27 Jul 2024 19:39

Instrument :

BNA_N

ClientSampleId :

GWBR-05-282-302-072524

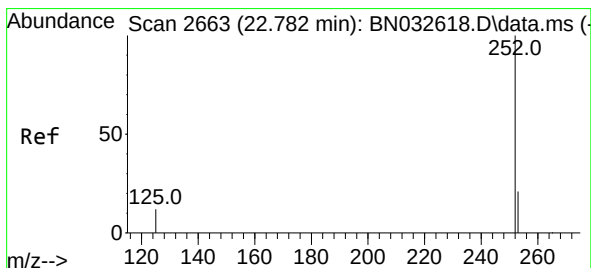
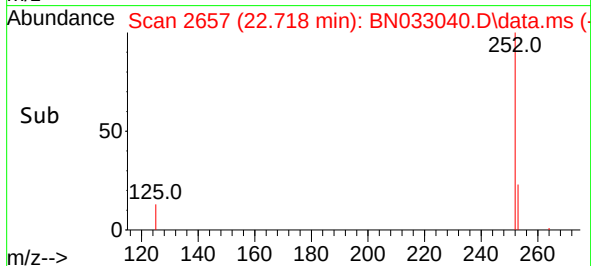
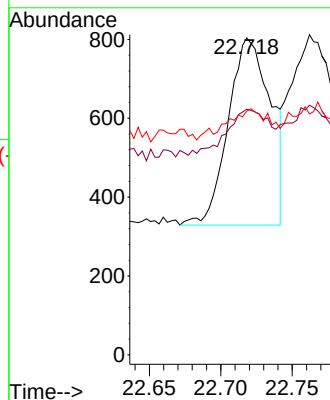
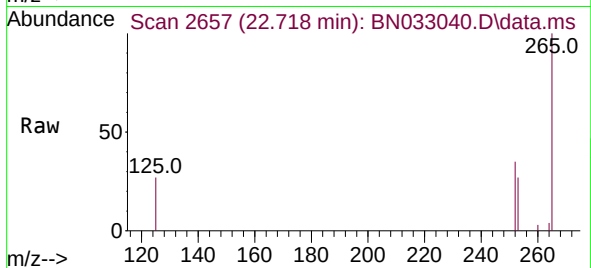
Tgt Ion:252 Resp: 983

Ion Ratio Lower Upper

252 100

253 77.5 22.3 33.5#

125 76.9 15.4 23.2#



#38

Benzo(k)fluoranthene

Concen: 0.028 ng

RT: 22.762 min Scan# 2672

Delta R.T. 0.018 min

Lab File: BN033040.D

Acq: 27 Jul 2024 19:39

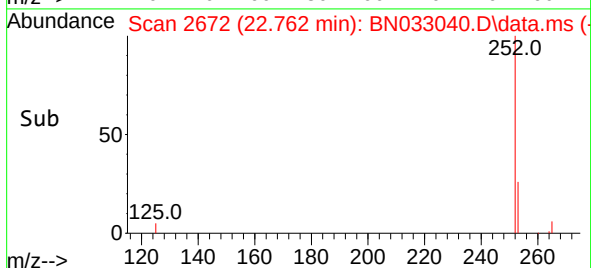
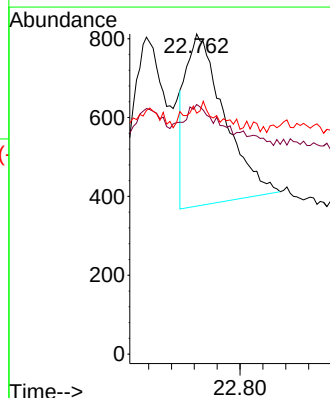
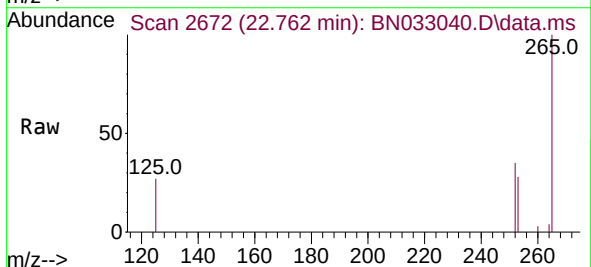
Tgt Ion:252 Resp: 1029

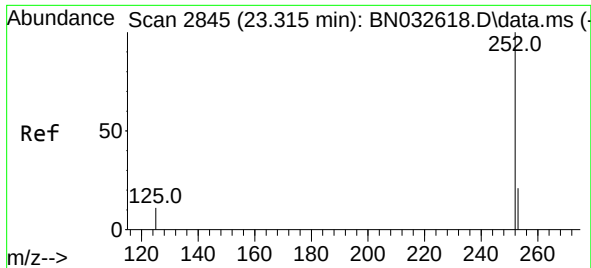
Ion Ratio Lower Upper

252 100

253 78.0 22.6 34.0#

125 75.2 16.2 24.4#

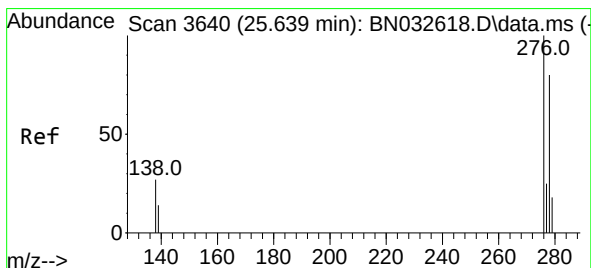
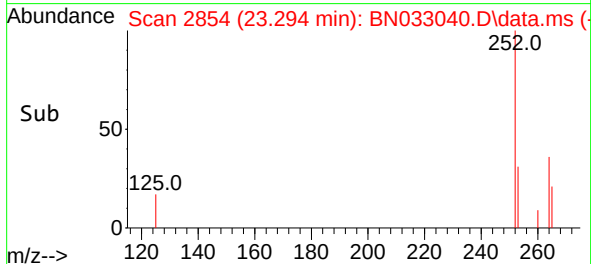
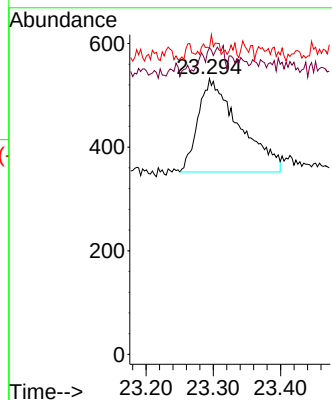
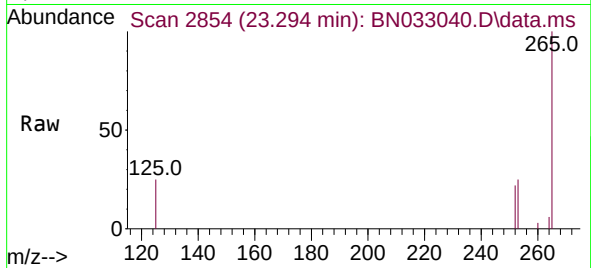




#39
Benzo(a)pyrene
Concen: 0.026 ng
RT: 23.294 min Scan# 21
Delta R.T. 0.026 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

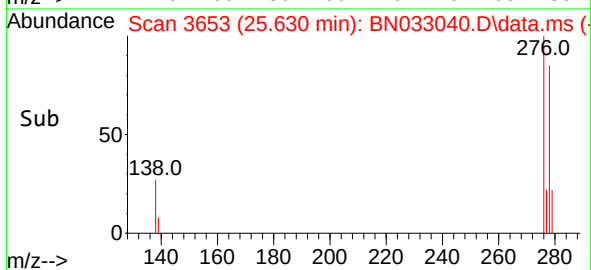
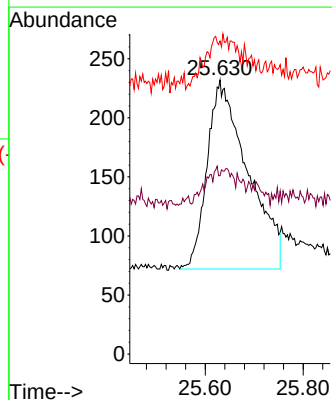
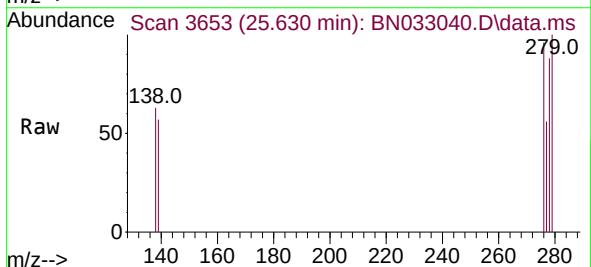
Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524

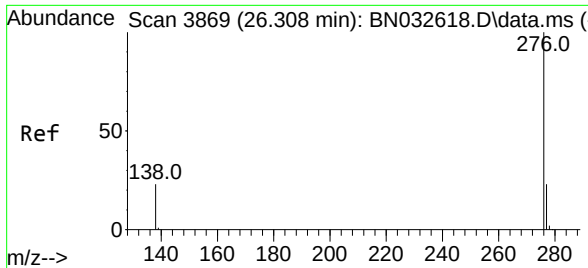
Tgt Ion:252 Resp: 771
Ion Ratio Lower Upper
252 100
253 111.3 25.8 38.8#
125 111.1 21.4 32.2#



#40
Dibenzo(a,h)anthracene
Concen: 0.032 ng
RT: 25.630 min Scan# 3653
Delta R.T. 0.061 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

Tgt Ion:278 Resp: 920
Ion Ratio Lower Upper
278 100
139 65.1 16.7 25.1#
279 114.2 24.3 36.5#





#41

Benzo(g,h,i)perylene

Concen: 0.030 ng

RT: 26.300 min Scan# 3869

Delta R.T. 0.050 min

Lab File: BN033040.D

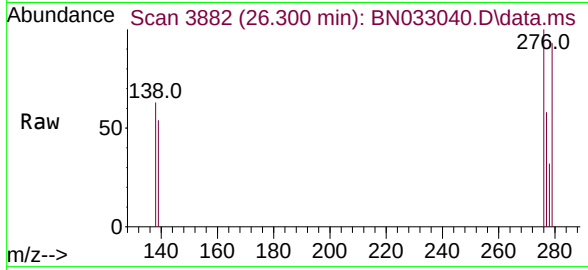
Acq: 27 Jul 2024 19:39

Instrument :

BNA_N

ClientSampleId :

GWBR-05-282-302-072524



Tgt Ion:276 Resp: 976

Ion Ratio Lower Upper

276 100

277 58.0 20.2 30.2#

138 62.8 20.5 30.7#

