

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033041.D
 Acq On : 27 Jul 2024 20:15
 Operator : MA/JU
 Sample : P3375-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-258-278-072524

Quant Time: Jul 29 01:07:52 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)

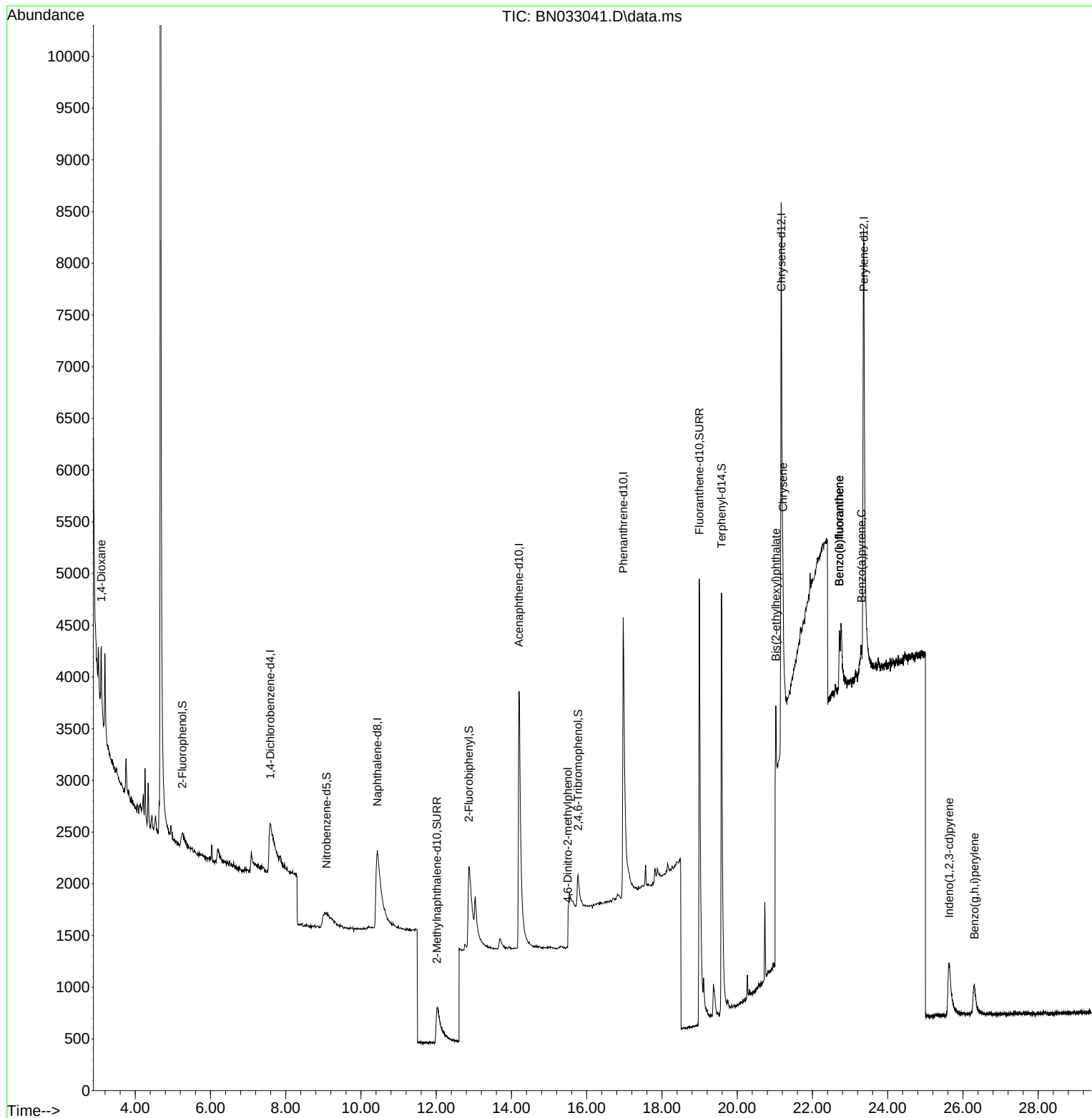
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1065	0.400	ng	# 0.06
7) Naphthalene-d8	10.436	136	4890	0.400	ng	# 0.13
13) Acenaphthene-d10	14.201	164	3564	0.400	ng	0.02
19) Phenanthrene-d10	16.970	188	8884	0.400	ng	# 0.02
29) Chrysene-d12	21.169	240	8591	0.400	ng	0.00
35) Perylene-d12	23.361	264	9427	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.249	112	472	0.175	ng	0.07
5) Phenol-d6	6.838	99	5	0.001	ng	0.06
8) Nitrobenzene-d5	9.080	82	517	0.140	ng	0.35
11) 2-Methylnaphthalene-d10	12.018	152	602	0.080	ng	0.10
14) 2,4,6-Tribromophenol	15.766	330	430	0.282	ng	0.04
15) 2-Fluorobiphenyl	12.864	172	3300	0.249	ng	0.05
27) Fluoranthene-d10	18.992	212	9349	0.407	ng	0.00
31) Terphenyl-d14	19.582	244	8102	0.460	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.097	88	546	0.414	ng	# 67
20) 4,6-Dinitro-2-methylph...	15.494	198	2	0.294	ng	# 4
33) Chrysene	21.214	228	2032	0.063	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.026	149	2984	0.198	ng	# 92
36) Indeno(1,2,3-cd)pyrene	25.630	276	1082	0.029	ng	# 70
37) Benzo(b)fluoranthene	22.715	252	937	0.029	ng	# 1
38) Benzo(k)fluoranthene	22.715	252	937	0.025	ng	# 1
39) Benzo(a)pyrene	23.300	252	674	0.023	ng	# 1
41) Benzo(g,h,i)perylene	26.306	276	940	0.029	ng	# 31

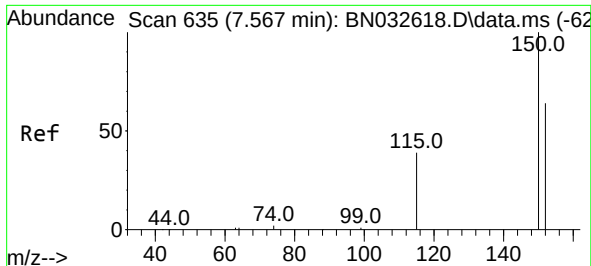
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033041.D
Acq On : 27 Jul 2024 20:15
Operator : MA/JU
Sample : P3375-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-05-258-278-072524

Quant Time: Jul 29 01:07:52 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

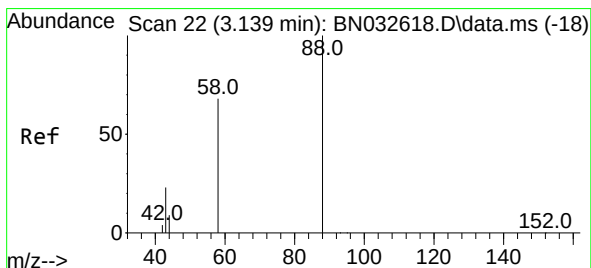
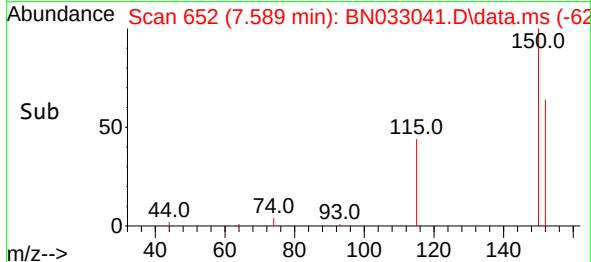
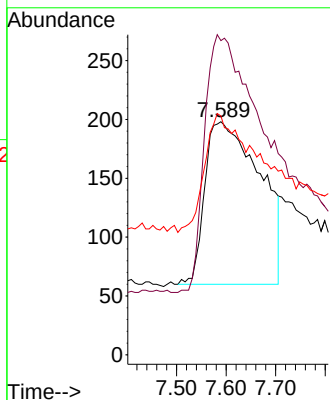
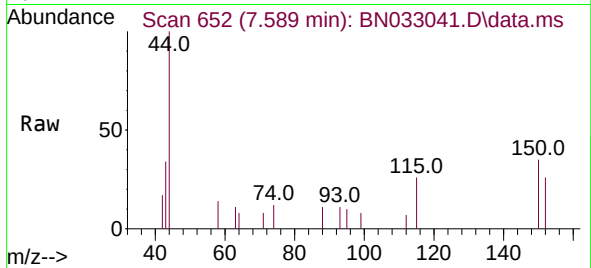




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. 0.058 min
 Lab File: BN033041.D
 Acq: 27 Jul 2024 20:15

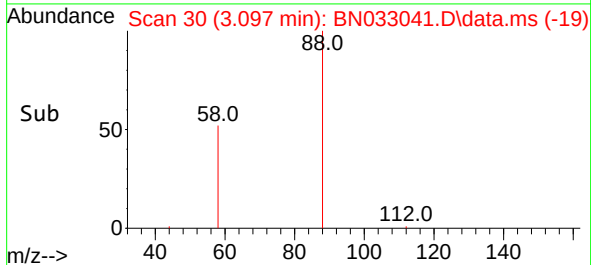
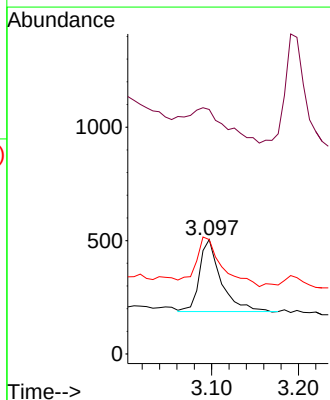
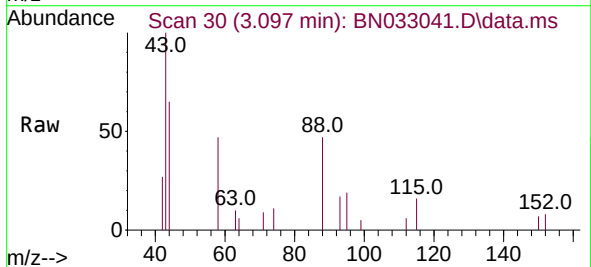
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-258-278-072524

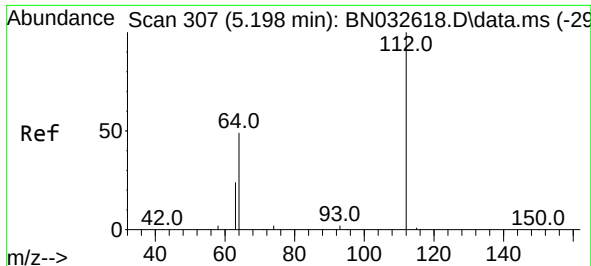
Tgt Ion:152 Resp: 1065
 Ion Ratio Lower Upper
 152 100
 150 134.8 123.8 185.6
 115 102.5 52.8 79.2#



#2
 1,4-Dioxane
 Concen: 0.414 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.021 min
 Lab File: BN033041.D
 Acq: 27 Jul 2024 20:15

Tgt Ion: 88 Resp: 546
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.4 27.6#
 58 82.8 49.2 73.8#

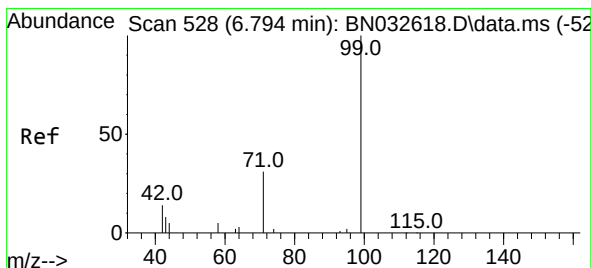
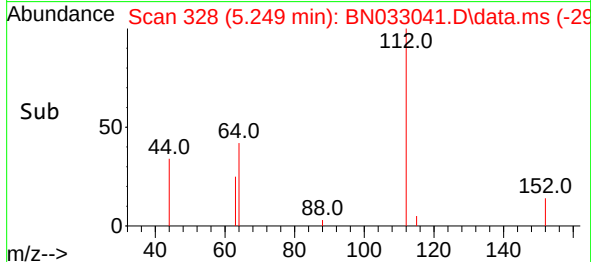
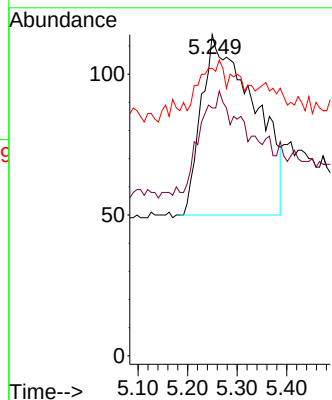
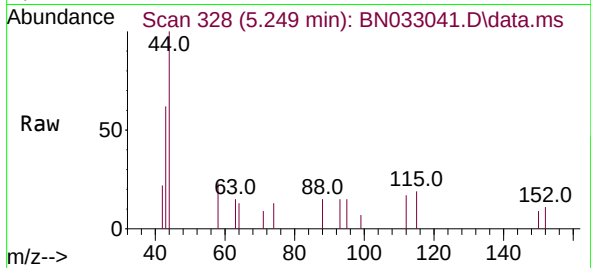




#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.249 min Scan# 31
Delta R.T. 0.073 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

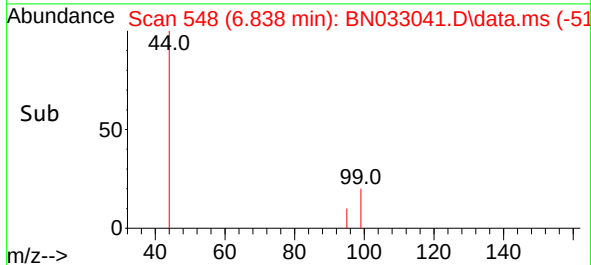
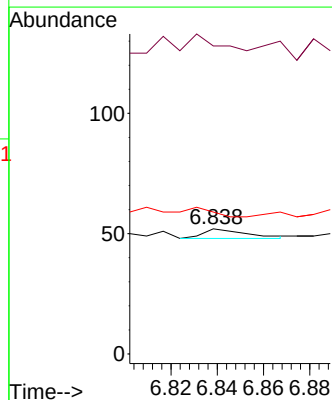
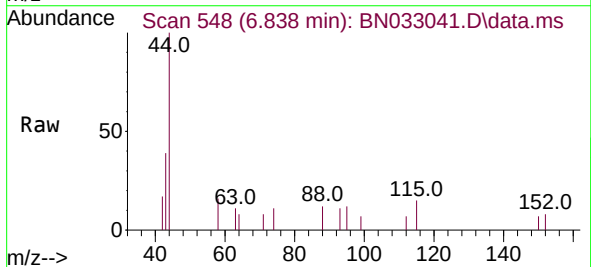
Instrument :
BNA_N
ClientSampleId :
GWBR-05-258-278-072524

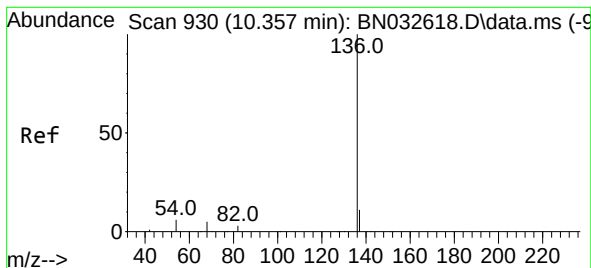
Tgt Ion:112 Resp: 472
Ion Ratio Lower Upper
112 100
64 28.6 40.2 60.4#
63 12.1 22.2 33.4#



#5
Phenol-d6
Concen: 0.001 ng
RT: 6.838 min Scan# 548
Delta R.T. 0.059 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

Tgt Ion: 99 Resp: 5
Ion Ratio Lower Upper
99 100
42 220.0 10.5 15.7#
71 0.0 22.3 33.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.436 min Scan# 91

Delta R.T. 0.133 min

Lab File: BN033041.D

Acq: 27 Jul 2024 20:15

Instrument :

BNA_N

ClientSampleId :

GWBR-05-258-278-072524

Tgt Ion:136 Resp: 4890

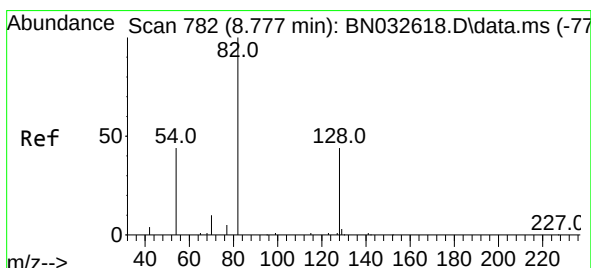
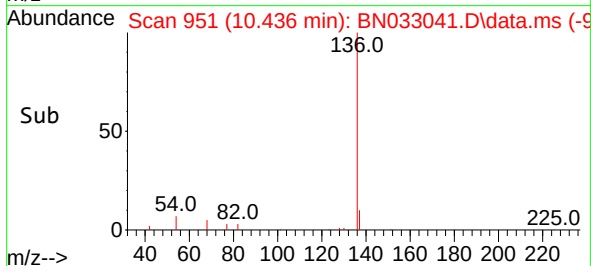
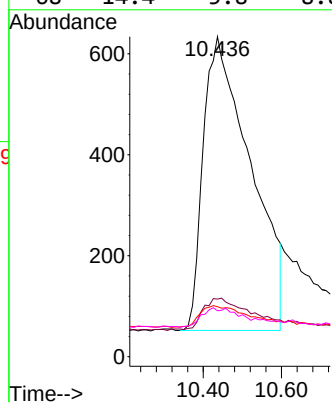
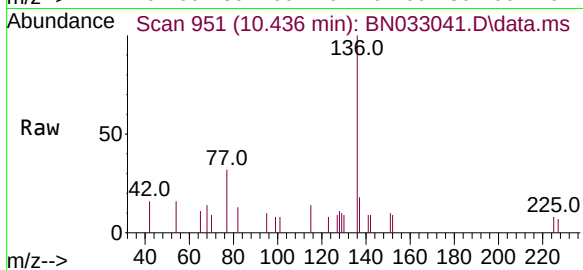
Ion Ratio Lower Upper

136 100

137 18.0 9.9 14.9#

54 15.6 6.5 9.7#

68 14.4 5.8 8.8#



#8

Nitrobenzene-d5

Concen: 0.140 ng

RT: 9.080 min Scan# 824

Delta R.T. 0.346 min

Lab File: BN033041.D

Acq: 27 Jul 2024 20:15

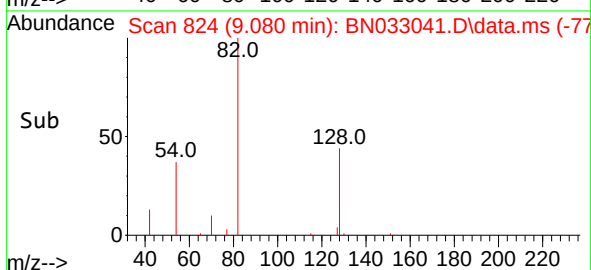
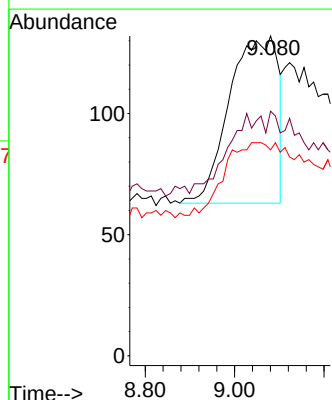
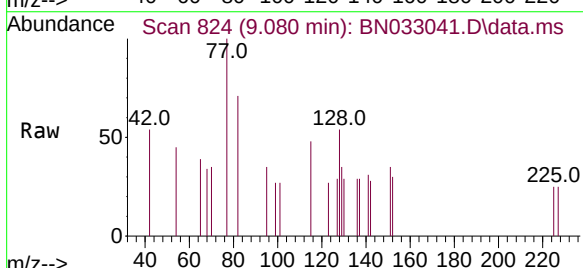
Tgt Ion: 82 Resp: 517

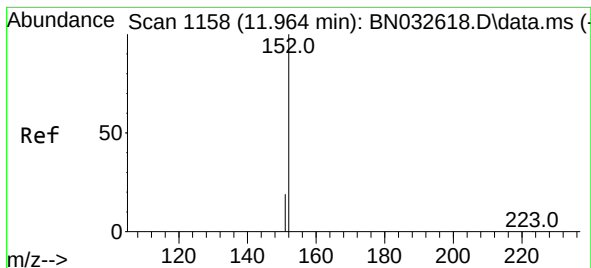
Ion Ratio Lower Upper

82 100

128 76.5 41.7 62.5#

54 64.4 39.5 59.3#

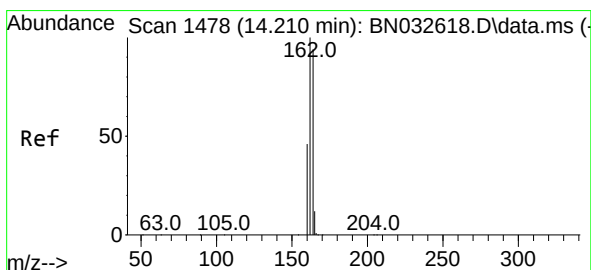
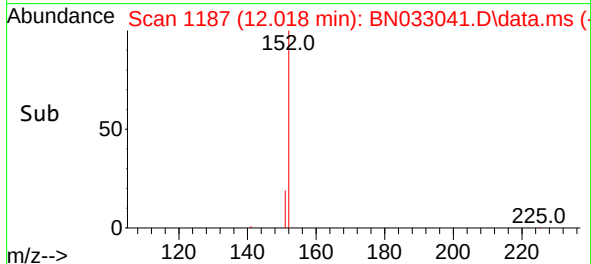
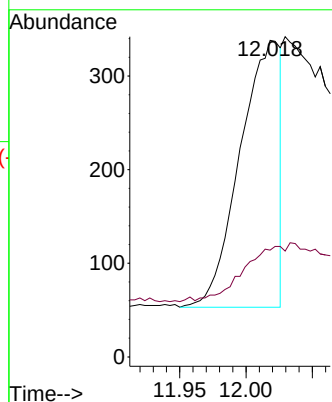
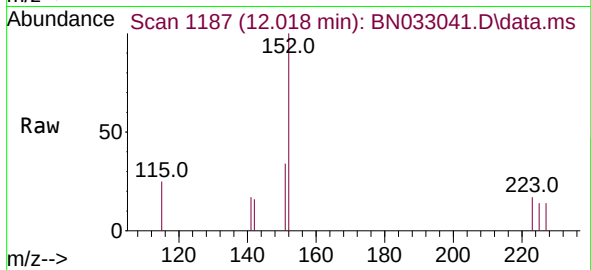




#11
2-Methylnaphthalene-d10
Concen: 0.080 ng
RT: 12.018 min Scan# 1158
Delta R.T. 0.104 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

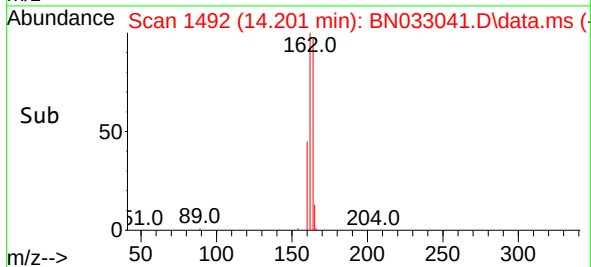
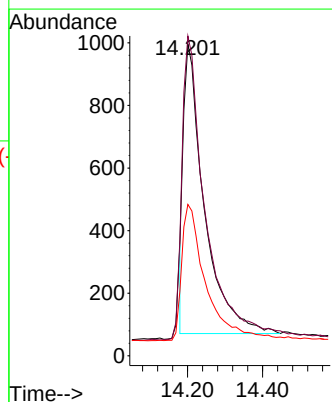
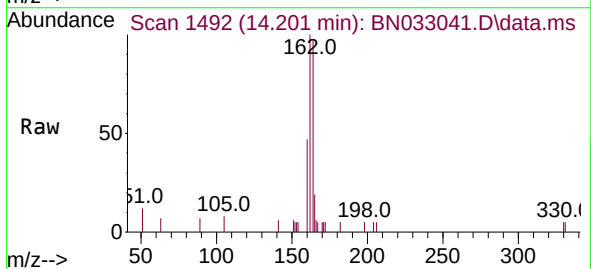
Instrument :
BNA_N
ClientSampleId :
GWBR-05-258-278-072524

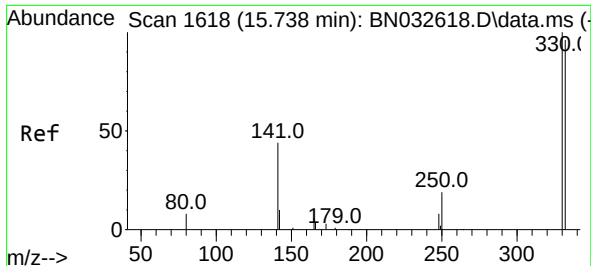
Tgt Ion:152 Resp: 602
Ion Ratio Lower Upper
152 100
151 62.3 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.201 min Scan# 1492
Delta R.T. 0.023 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

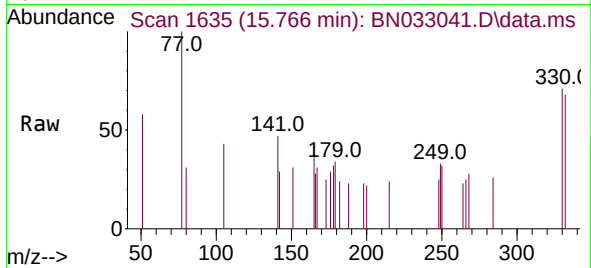
Tgt Ion:164 Resp: 3564
Ion Ratio Lower Upper
164 100
162 102.6 85.0 127.4
160 48.6 39.4 59.2



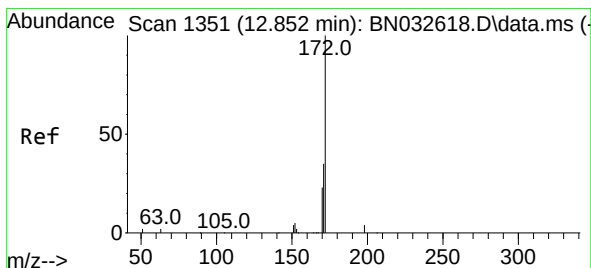
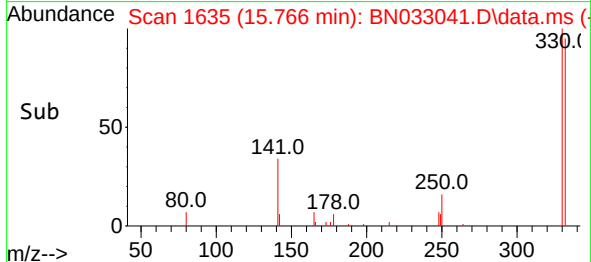
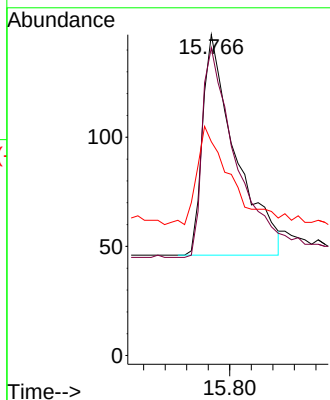


#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.766 min Scan# 1635
Delta R.T. 0.040 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

Instrument :
BNA_N
ClientSampleId :
GWBR-05-258-278-072524

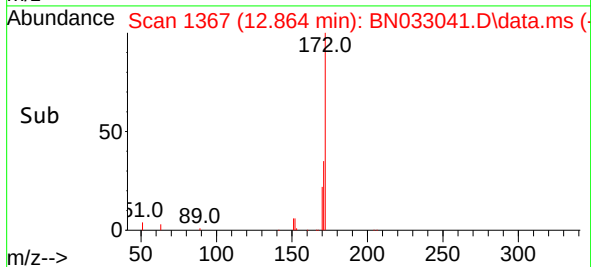
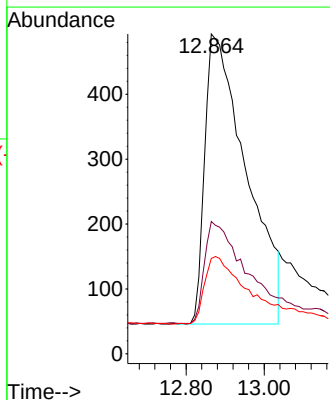
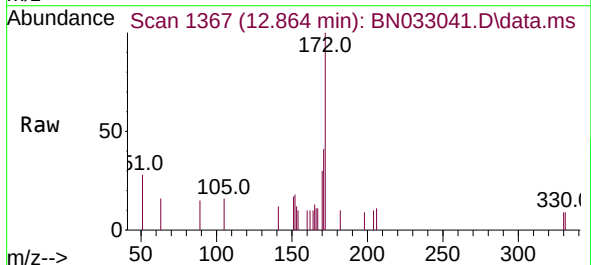


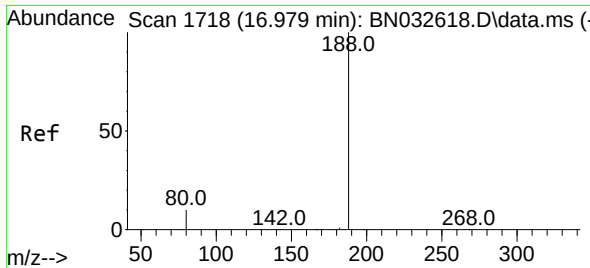
Tgt Ion:330 Resp: 430
Ion Ratio Lower Upper
330 100
332 99.1 77.8 116.8
141 44.7 34.2 51.2



#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 12.864 min Scan# 1367
Delta R.T. 0.055 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

Tgt Ion:172 Resp: 3300
Ion Ratio Lower Upper
172 100
171 41.4 28.6 43.0
170 29.8 19.0 28.6#

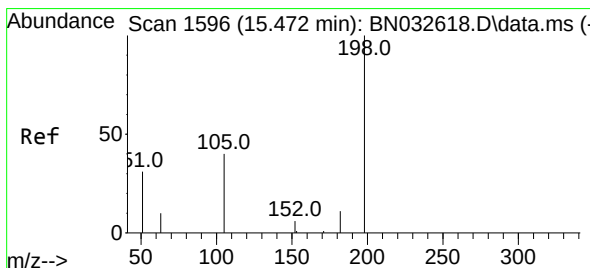
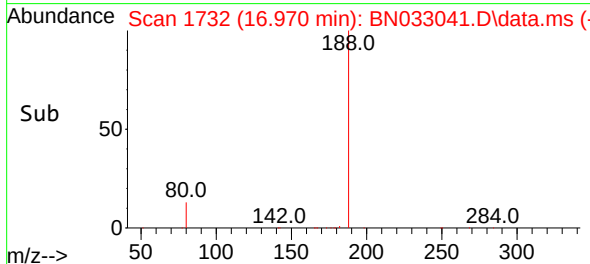
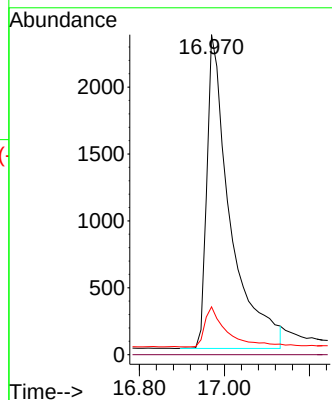
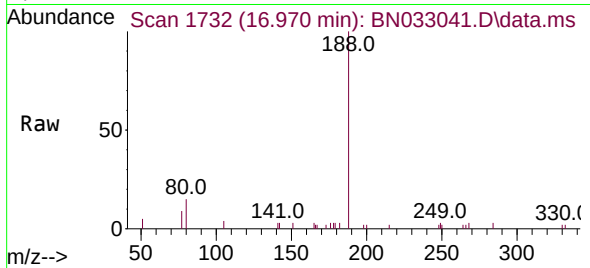




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 11
Delta R.T. 0.016 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

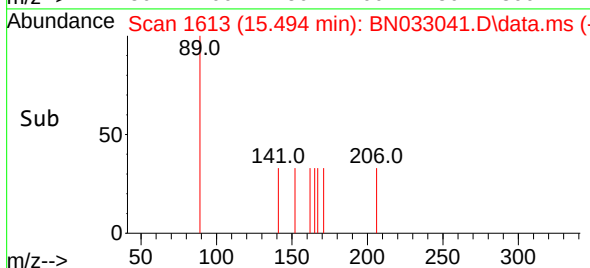
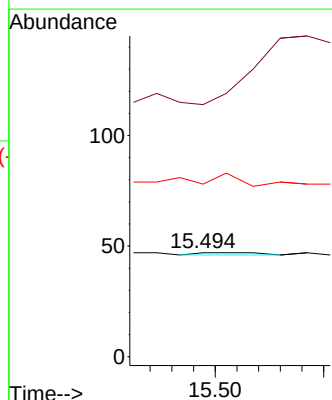
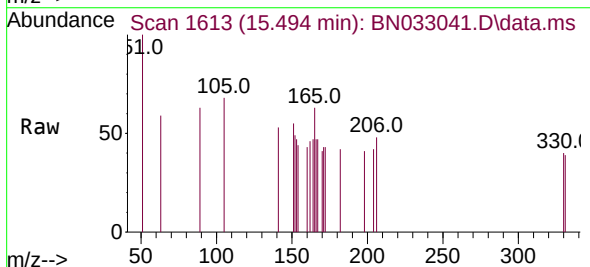
Instrument :
BNA_N
ClientSampleId :
GWBR-05-258-278-072524

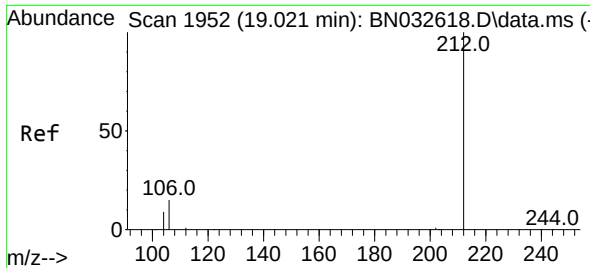
Tgt Ion:188 Resp: 8884
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.494 min Scan# 1613
Delta R.T. 0.022 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 242.6 105.7 158.5#
105 166.0 63.0 94.6#

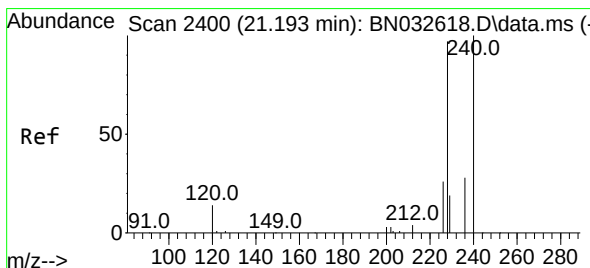
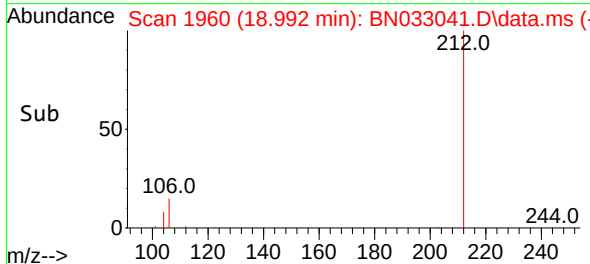
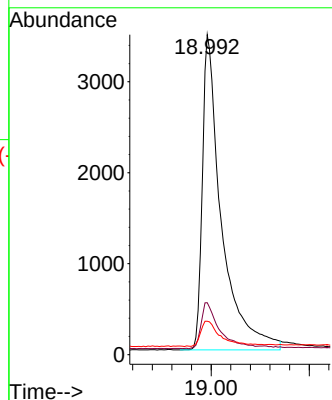
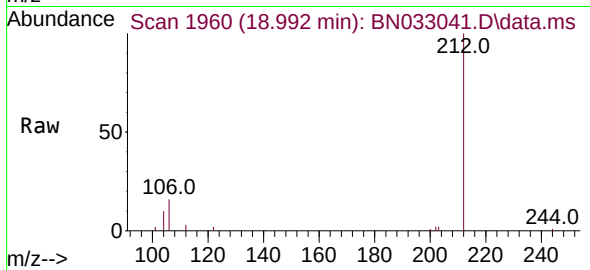




#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 18.992 min Scan# 1952
Delta R.T. -0.001 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

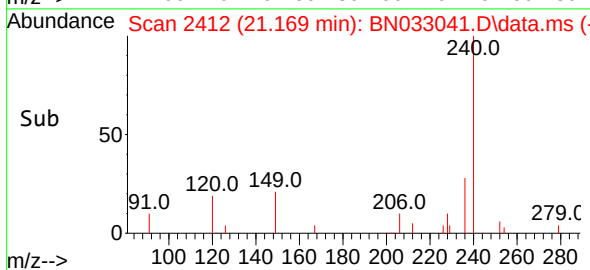
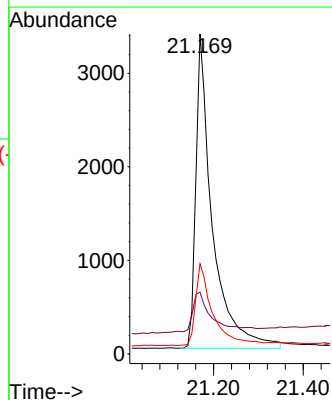
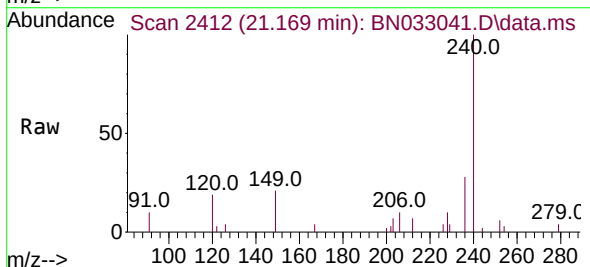
Instrument :
BNA_N
ClientSampleId :
GWBR-05-258-278-072524

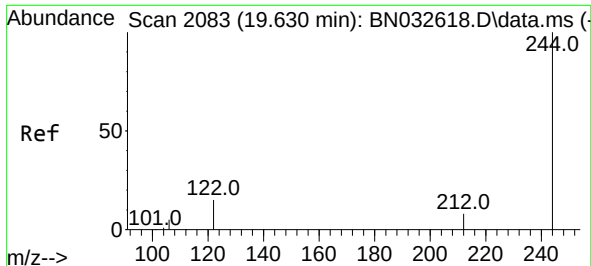
Tgt Ion:212 Resp: 9349
Ion Ratio Lower Upper
212 100
106 14.0 11.9 17.9
104 8.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.169 min Scan# 2412
Delta R.T. 0.003 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

Tgt Ion:240 Resp: 8591
Ion Ratio Lower Upper
240 100
120 19.3 14.8 22.2
236 28.2 23.3 34.9

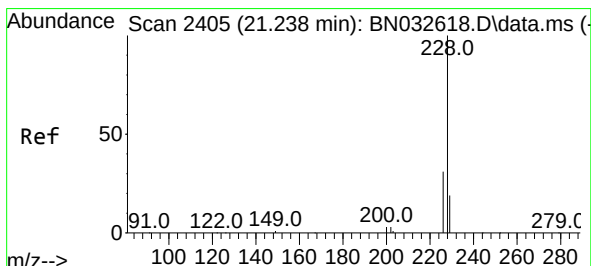
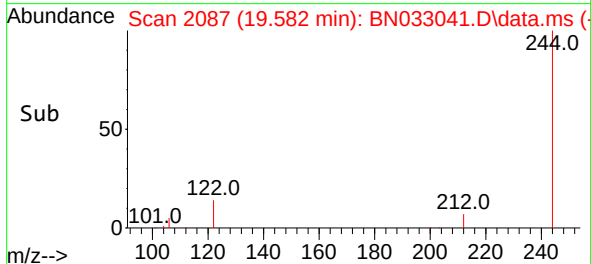
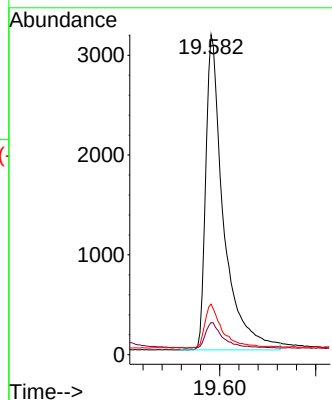
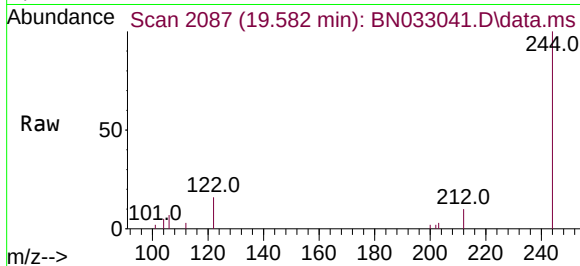




#31
 Terphenyl-d14
 Concen: 0.460 ng
 RT: 19.582 min Scan# 2087
 Delta R.T. -0.011 min
 Lab File: BN033041.D
 Acq: 27 Jul 2024 20:15

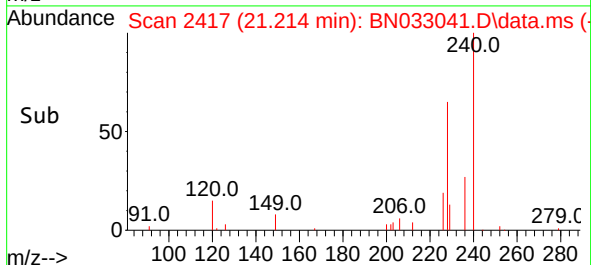
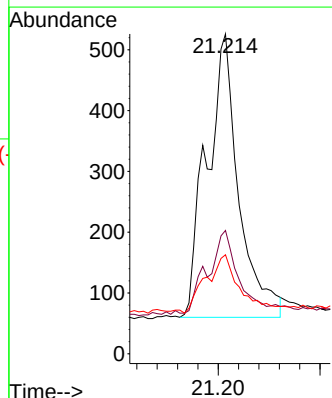
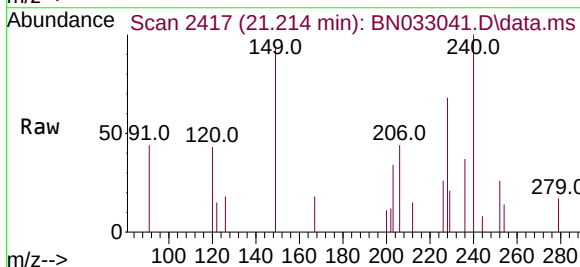
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-258-278-072524

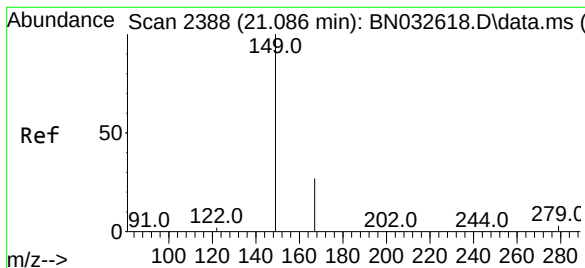
Tgt Ion:244 Resp: 8102
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.5 11.3
 122 15.8 12.6 19.0



#33
 Chrysene
 Concen: 0.063 ng
 RT: 21.214 min Scan# 2417
 Delta R.T. 0.012 min
 Lab File: BN033041.D
 Acq: 27 Jul 2024 20:15

Tgt Ion:228 Resp: 2032
 Ion Ratio Lower Upper
 228 100
 226 38.6 24.2 36.2#
 229 31.0 16.0 24.0#

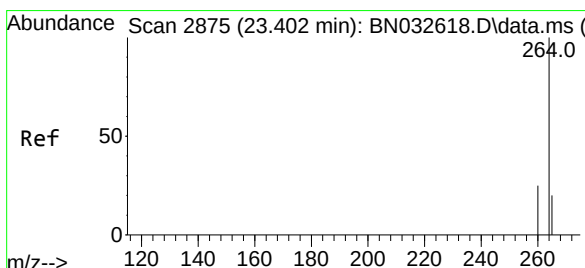
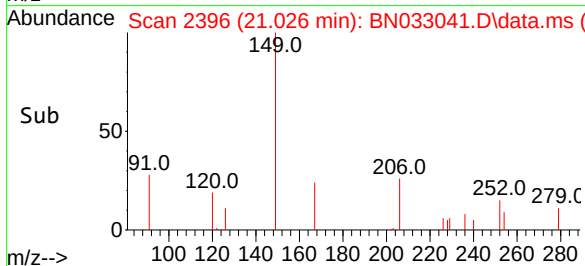
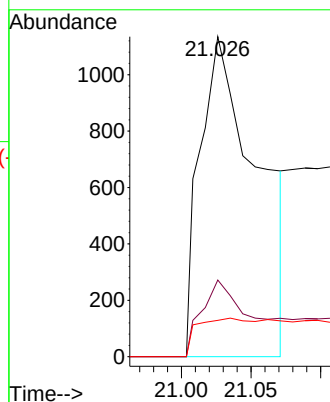
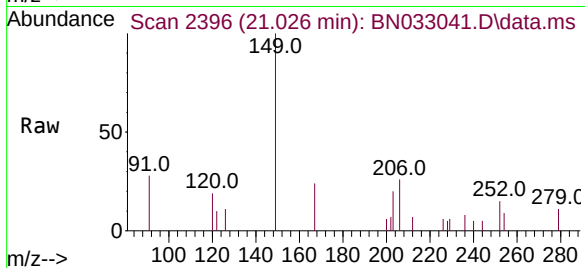




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.198 ng
 RT: 21.026 min Scan# 2100
 Delta R.T. -0.024 min
 Lab File: BN033041.D
 Acq: 27 Jul 2024 20:15

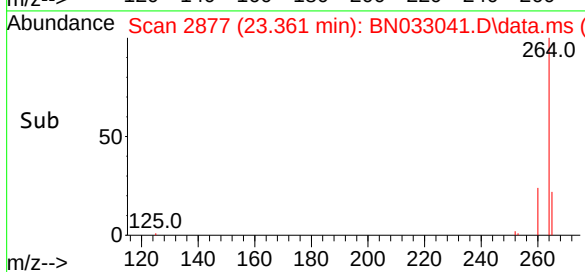
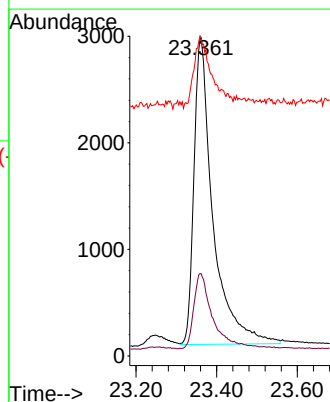
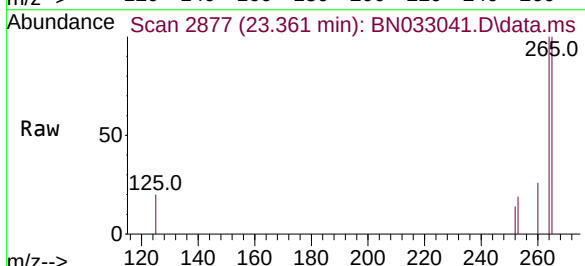
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-258-278-072524

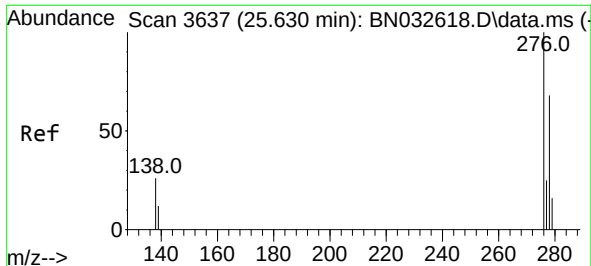
Tgt Ion:149 Resp: 2984
 Ion Ratio Lower Upper
 149 100
 167 24.1 21.4 32.2
 279 11.7 2.8 4.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.361 min Scan# 2877
 Delta R.T. 0.003 min
 Lab File: BN033041.D
 Acq: 27 Jul 2024 20:15

Tgt Ion:264 Resp: 9427
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.9 31.3
 265 100.0 85.4 128.2

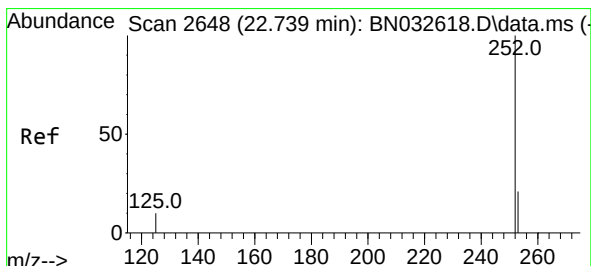
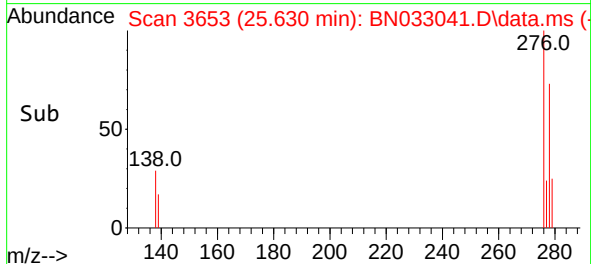
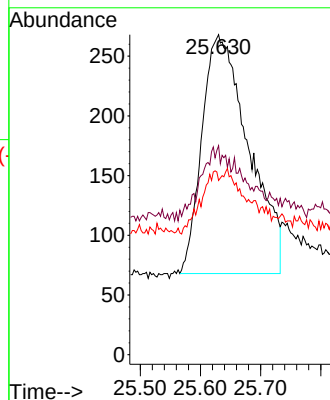
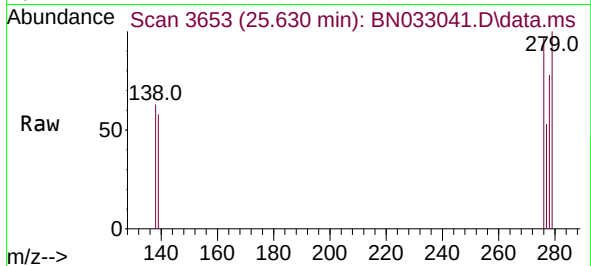




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.029 ng
 RT: 25.630 min Scan# 30
 Delta R.T. 0.061 min
 Lab File: BN033041.D
 Acq: 27 Jul 2024 20:15

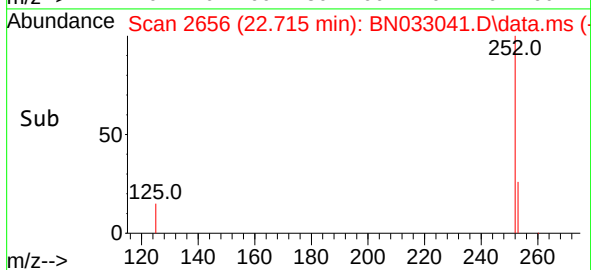
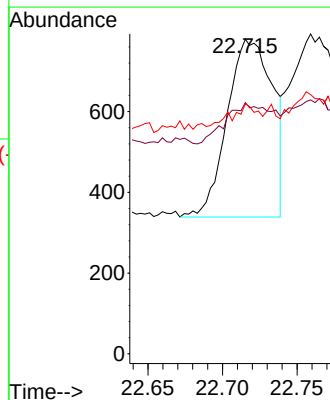
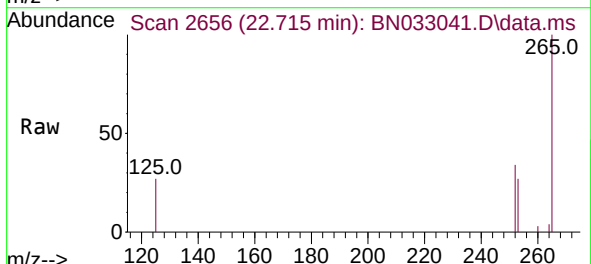
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-258-278-072524

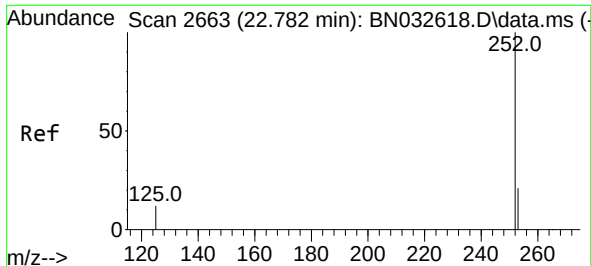
Tgt Ion:276 Resp: 1082
 Ion Ratio Lower Upper
 276 100
 138 10.4 21.0 31.4#
 277 10.0 19.5 29.3#



#37
 Benzo(b)fluoranthene
 Concen: 0.029 ng
 RT: 22.715 min Scan# 2656
 Delta R.T. 0.015 min
 Lab File: BN033041.D
 Acq: 27 Jul 2024 20:15

Tgt Ion:252 Resp: 937
 Ion Ratio Lower Upper
 252 100
 253 79.8 22.3 33.5#
 125 79.5 15.4 23.2#

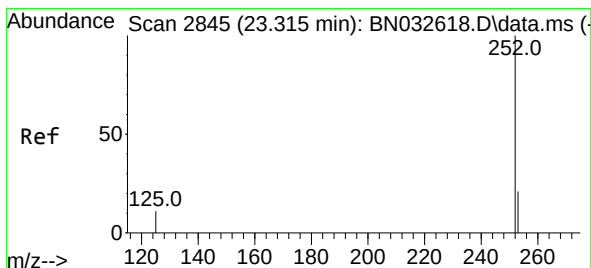
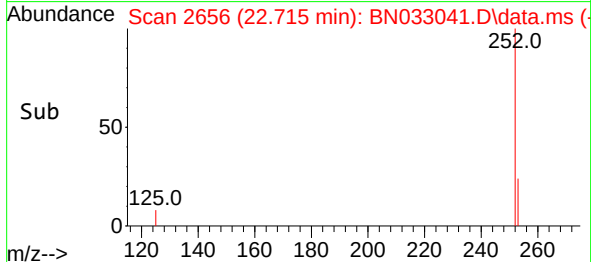
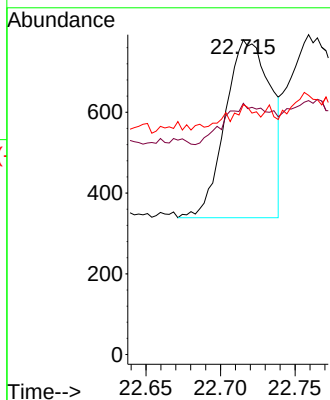
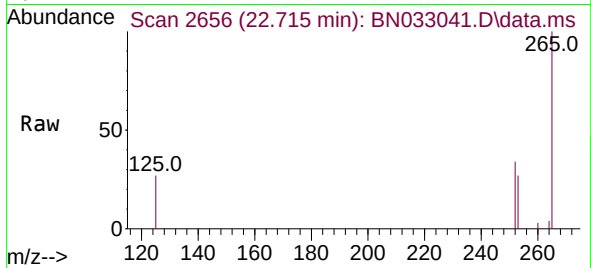




#38
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 22.715 min Scan# 20
Delta R.T. -0.029 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

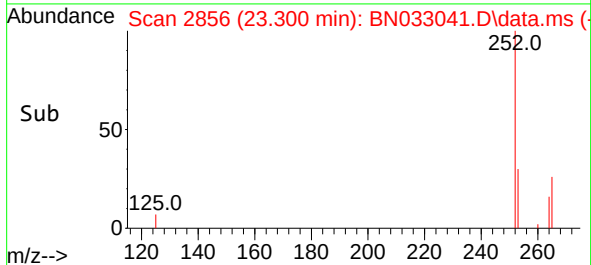
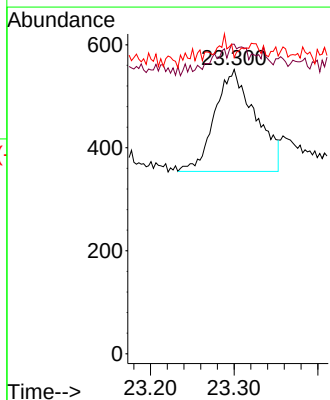
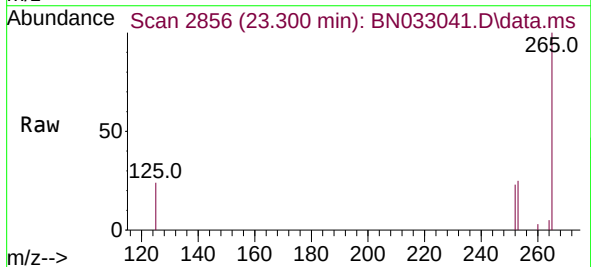
Instrument :
BNA_N
ClientSampleId :
GWBR-05-258-278-072524

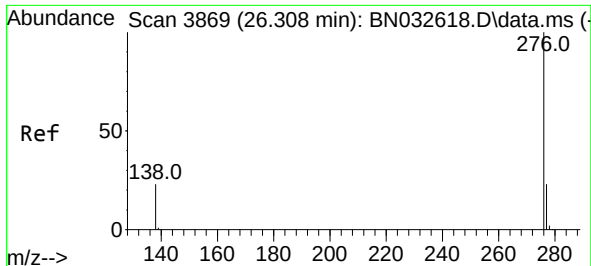
Tgt Ion:252 Resp: 937
Ion Ratio Lower Upper
252 100
253 79.8 22.6 34.0#
125 79.5 16.2 24.4#



#39
Benzo(a)pyrene
Concen: 0.023 ng
RT: 23.300 min Scan# 2856
Delta R.T. 0.032 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

Tgt Ion:252 Resp: 674
Ion Ratio Lower Upper
252 100
253 108.9 25.8 38.8#
125 104.2 21.4 32.2#





#41

Benzo(g,h,i)perylene

Concen: 0.029 ng

RT: 26.306 min Scan# 3869

Delta R.T. 0.056 min

Lab File: BN033041.D

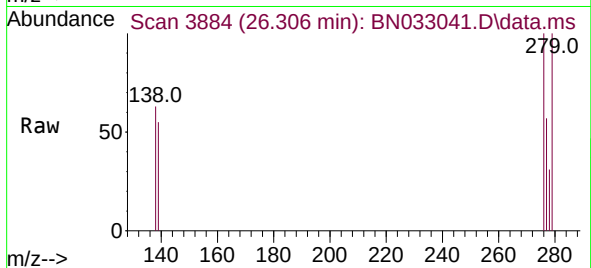
Acq: 27 Jul 2024 20:15

Instrument :

BNA_N

ClientSampleId :

GWBR-05-258-278-072524



Tgt Ion:276 Resp: 940

Ion Ratio Lower Upper

276 100

277 57.1 20.2 30.2#

138 63.0 20.5 30.7#

