

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032259.D
 Acq On : 26 Jun 2024 03:31
 Operator : MA/JU
 Sample : P3054-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-257-278-062424

Quant Time: Jun 26 04:10:24 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)

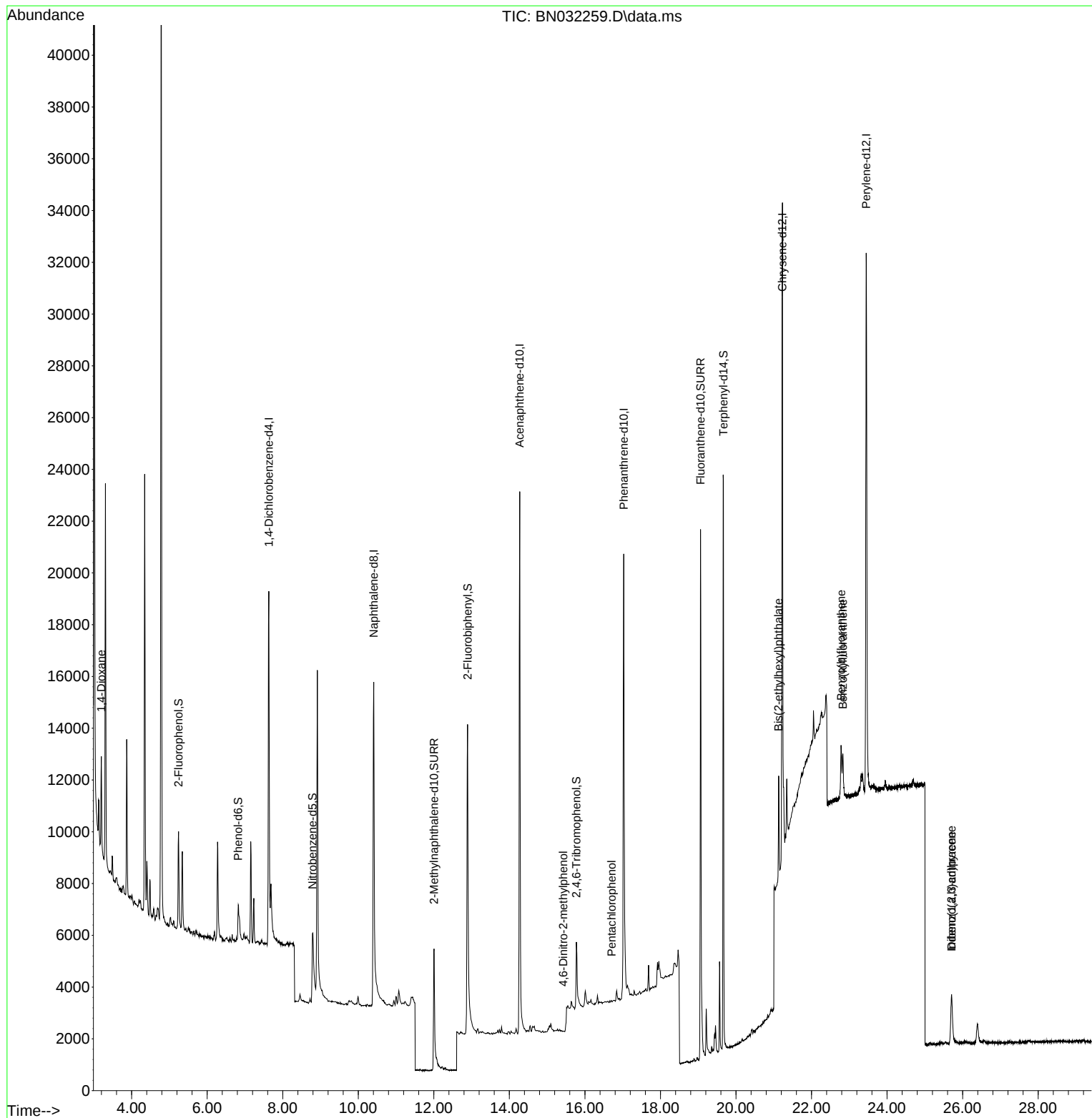
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	8158	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	23490	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	14097	0.400	ng	-0.01
19) Phenanthrene-d10	17.028	188	29692	0.400	ng	0.00
29) Chrysene-d12	21.228	240	26351	0.400	ng	# 0.00
35) Perylene-d12	23.449	264	29046	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	3696	0.159	ng	0.00
5) Phenol-d6	6.822	99	2225	0.073	ng	0.00
8) Nitrobenzene-d5	8.787	82	4586	0.235	ng	-0.01
11) 2-Methylnaphthalene-d10	12.005	152	8954	0.239	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	1999	0.296	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	15774	0.295	ng	-0.01
27) Fluoranthene-d10	19.063	212	25109	0.311	ng	0.00
31) Terphenyl-d14	19.667	244	23121	0.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	2523	0.253	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.428	198	4	0.175	ng	# 1
24) Pentachlorophenol	16.705	266	64	0.176	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.130	149	3956	0.058	ng	99
36) Indeno(1,2,3-cd)pyrene	25.706	276	2559	0.024	ng	98
37) Benzo(b)fluoranthene	22.782	252	2915	0.028	ng	# 1
38) Benzo(k)fluoranthene	22.829	252	2347	0.023	ng	# 1
40) Dibenzo(a,h)anthracene	25.709	278	1890	0.022	ng	# 1

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

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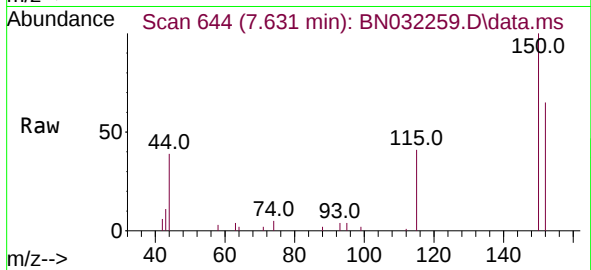
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



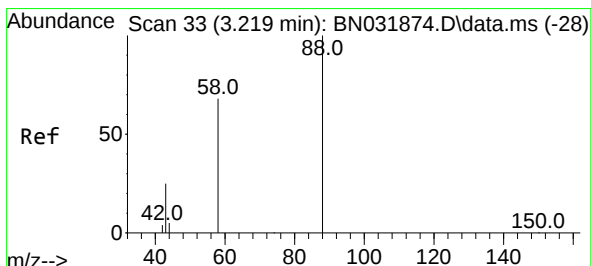
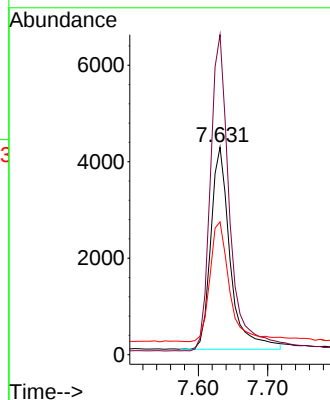
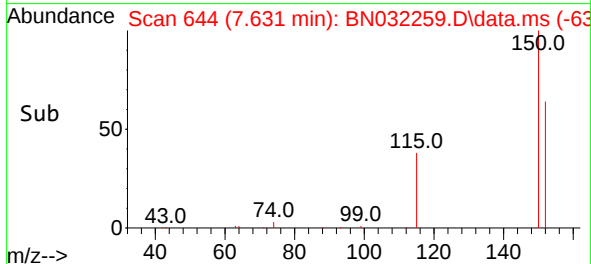


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.631 min Scan# 64
Delta R.T. -0.015 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424

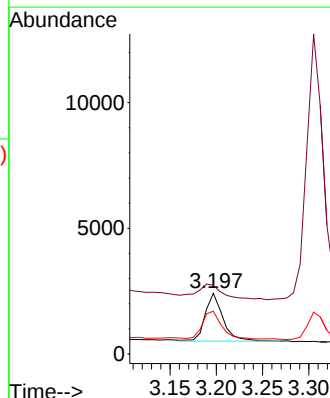
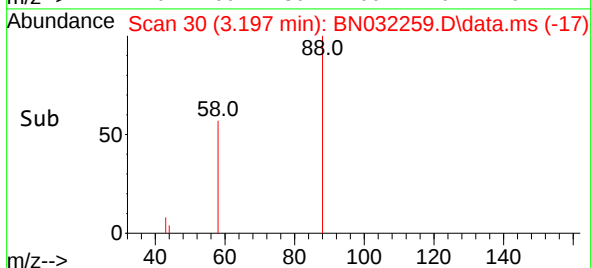
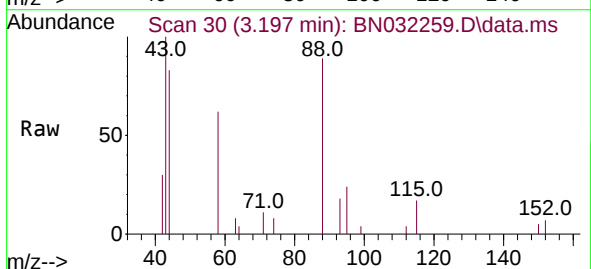


Tgt Ion:152 Resp: 8158
Ion Ratio Lower Upper
152 100
150 154.1 121.0 181.4
115 64.0 49.4 74.0



#2
1,4-Dioxane
Concen: 0.253 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

Tgt Ion: 88 Resp: 2523
Ion Ratio Lower Upper
88 100
43 48.3 22.7 34.1#
58 64.4 51.3 76.9

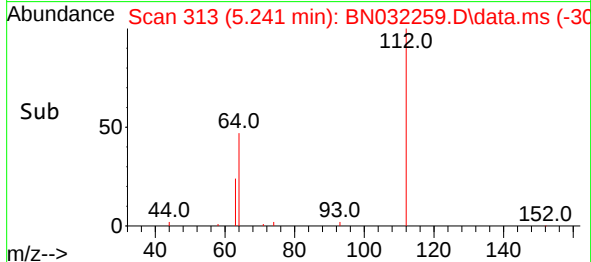
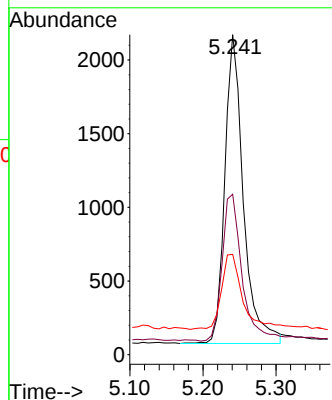
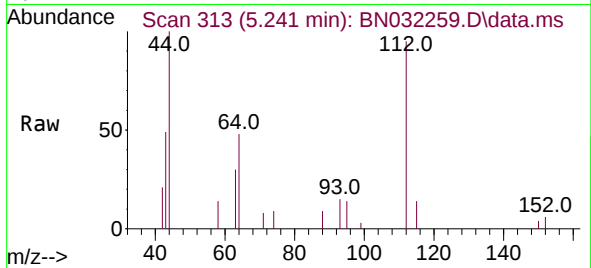




#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.241 min Scan# 317
Delta R.T. -0.008 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

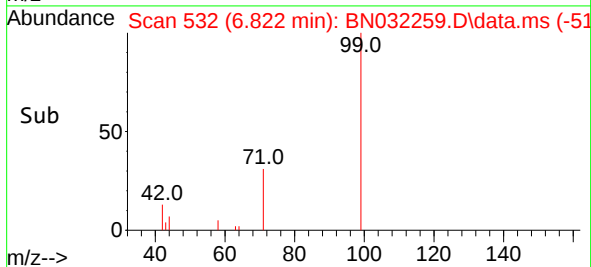
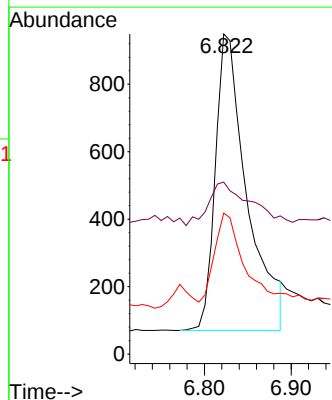
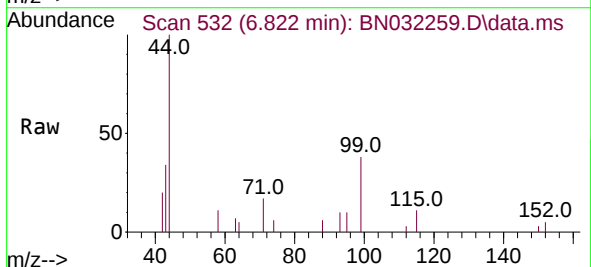
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424

Tgt Ion:112 Resp: 3696
Ion Ratio Lower Upper
112 100
64 51.1 42.4 63.6
63 27.2 22.1 33.1



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.822 min Scan# 532
Delta R.T. -0.008 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

Tgt Ion: 99 Resp: 2225
Ion Ratio Lower Upper
99 100
42 18.7 12.8 19.2
71 26.9 25.4 38.2

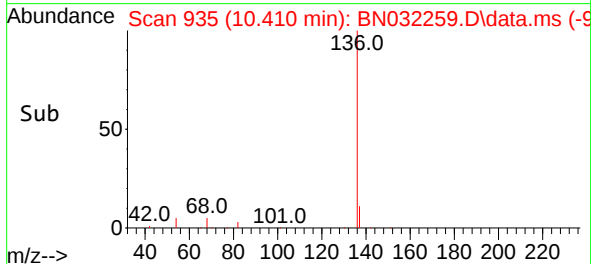
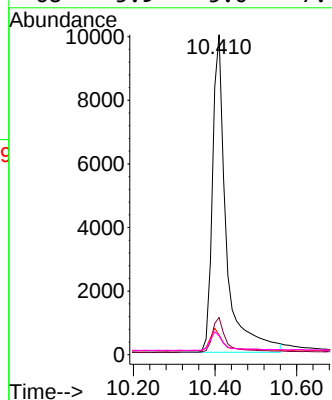
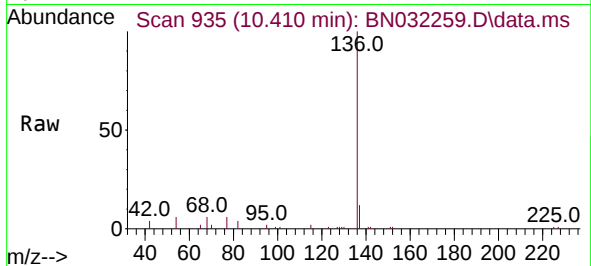




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

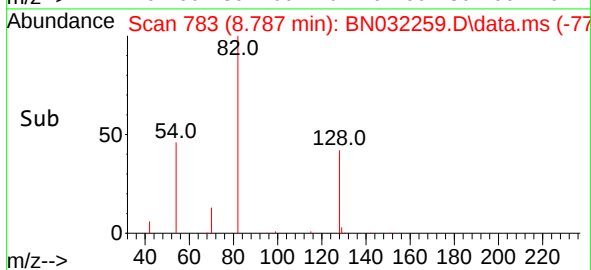
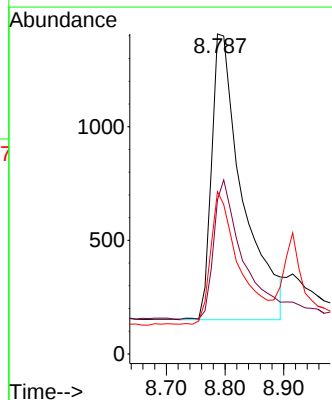
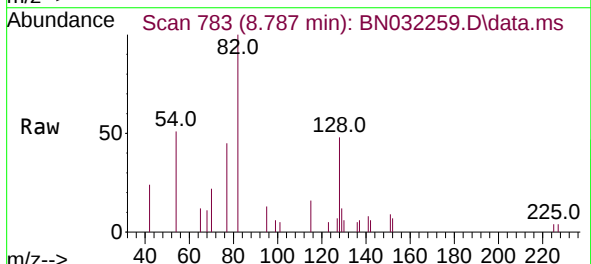
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424

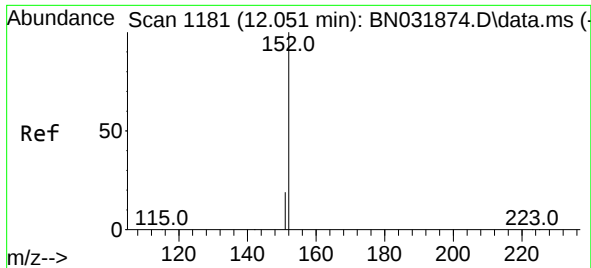
Tgt Ion:	136	Resp:	23490
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.9	13.3
54	6.2	5.6	8.4
68	5.9	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.787 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

Tgt Ion:	82	Resp:	4586
Ion Ratio	Lower	Upper	
82	100		
128	48.2	32.1	48.1#
54	50.8	39.7	59.5

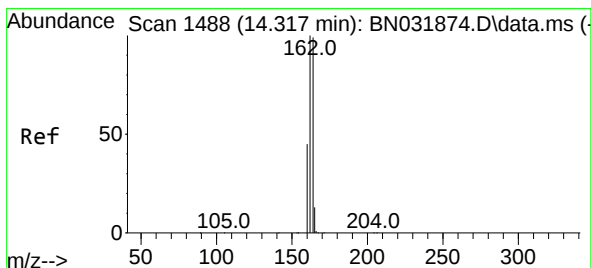
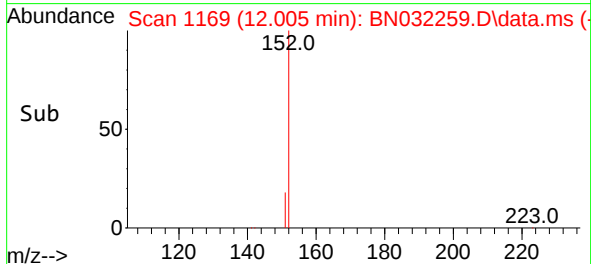
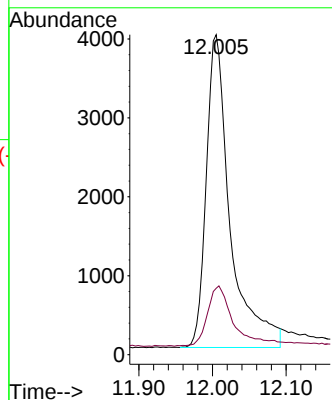
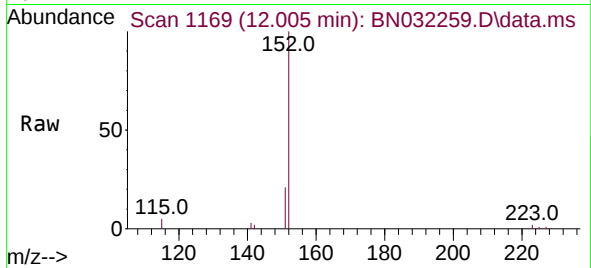




#11
2-Methylnaphthalene-d10
Concen: 0.239 ng
RT: 12.005 min Scan# 1181
Delta R.T. -0.016 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

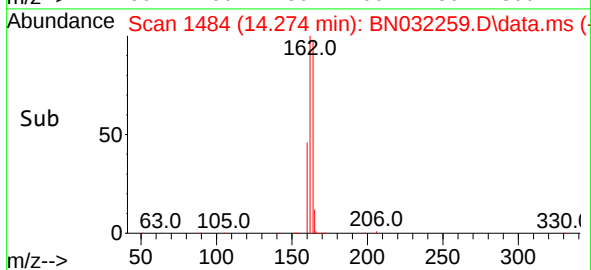
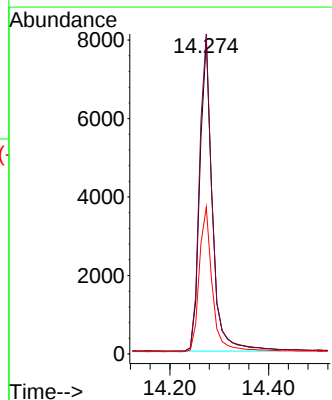
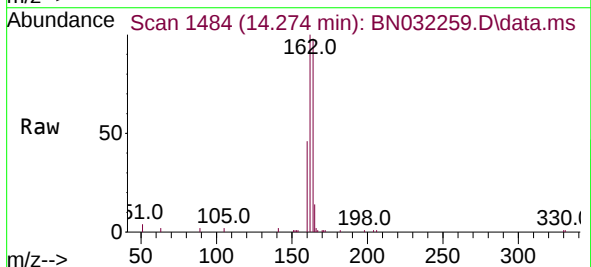
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424

Tgt Ion:152 Resp: 8954
Ion Ratio Lower Upper
152 100
151 21.0 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: BN032259.D
Acq: 26 Jun 2024 03:31

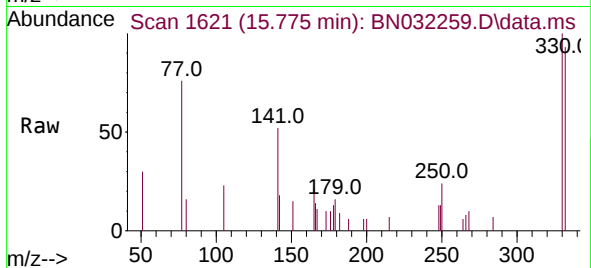
Tgt Ion:164 Resp: 14097
Ion Ratio Lower Upper
164 100
162 101.9 80.7 121.1
160 46.7 36.2 54.4



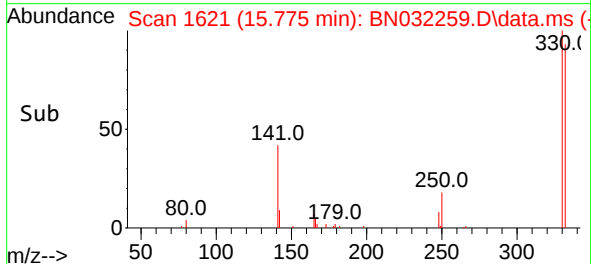
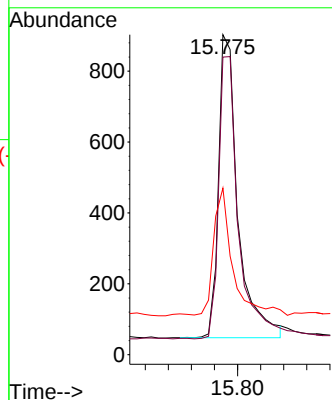


#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.775 min Scan# 1621
Delta R.T. -0.013 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424

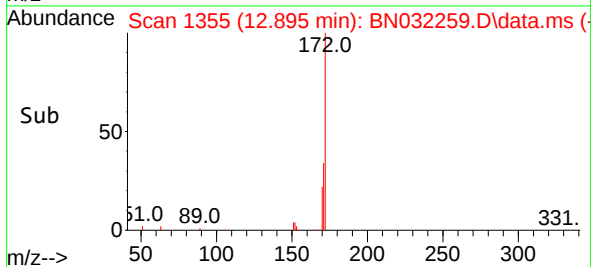
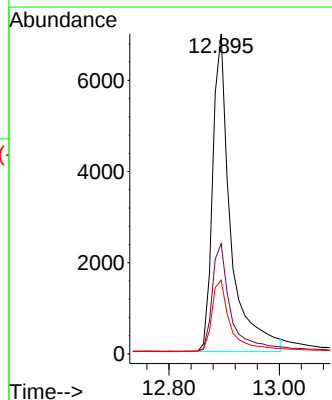
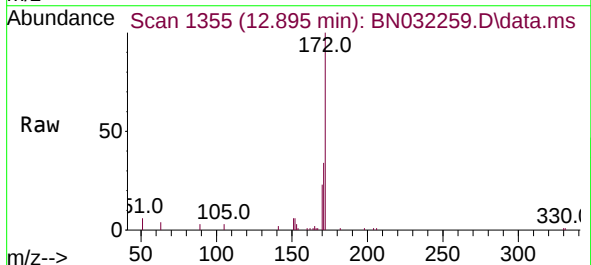


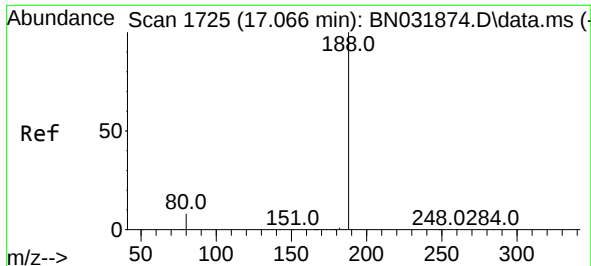
Tgt Ion:330 Resp: 1999
Ion Ratio Lower Upper
330 100
332 94.9 77.5 116.3
141 40.0 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

Tgt Ion:172 Resp: 15774
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 23.1 19.2 28.8

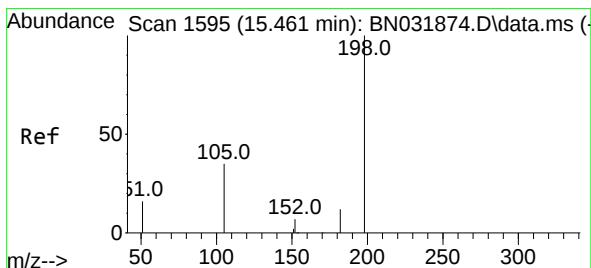
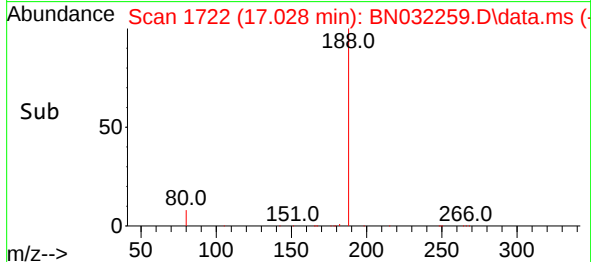
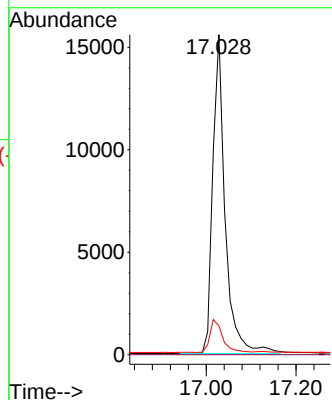
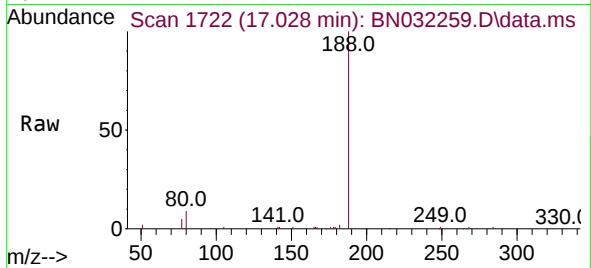




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.028 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

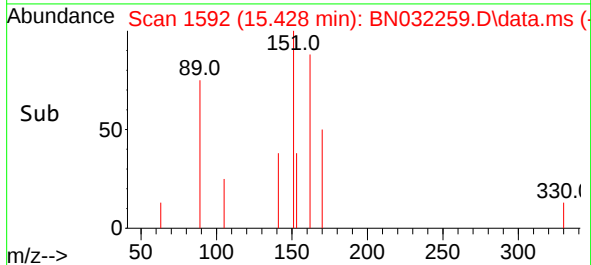
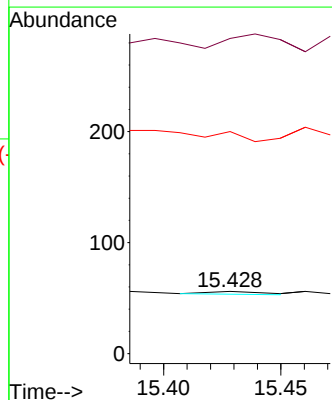
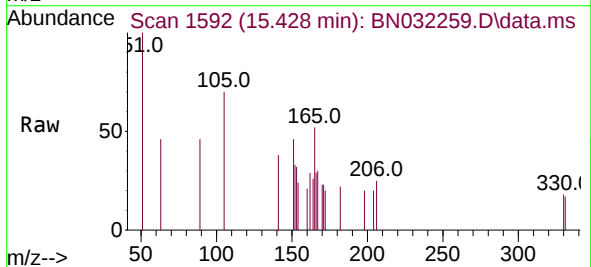
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424

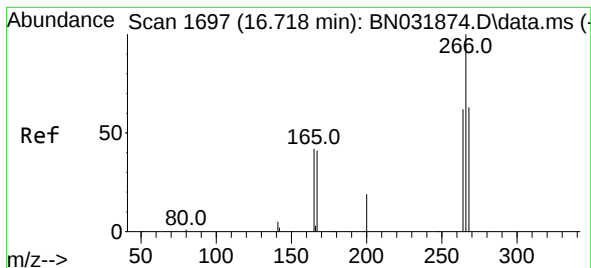
Tgt Ion:188 Resp: 29692
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 6.4 9.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.428 min Scan# 1592
Delta R.T. -0.011 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 507.1 42.7 64.1#
105 357.1 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.176 ng

RT: 16.705 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032259.D

Acq: 26 Jun 2024 03:31

Instrument :

BNA_N

ClientSampleId :

GWBR-05-257-278-062424

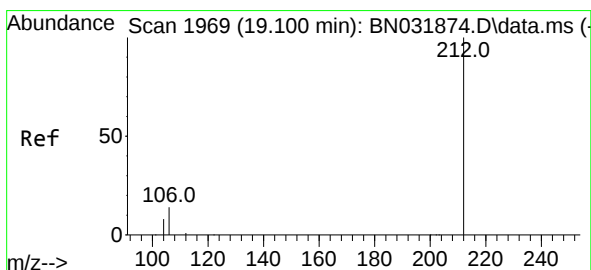
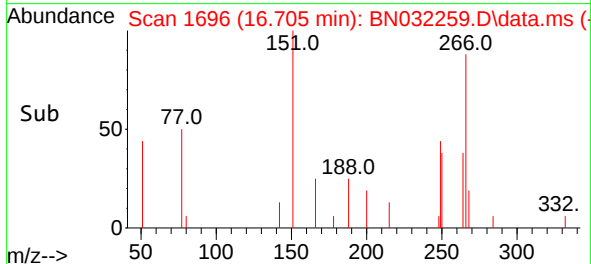
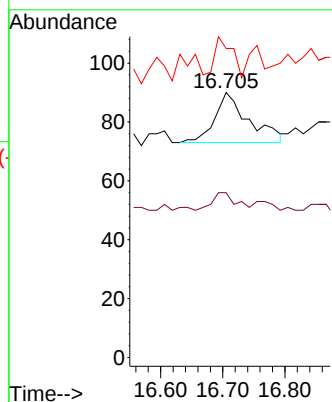
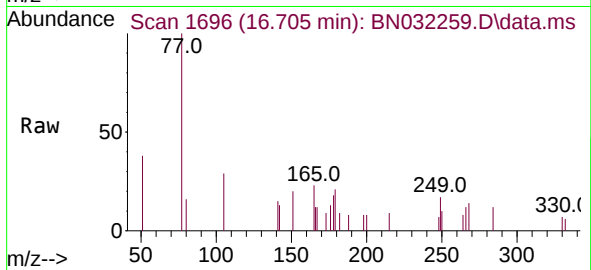
Tgt Ion:266 Resp: 64

Ion Ratio Lower Upper

266 100

264 25.0 50.0 75.0#

268 42.2 51.0 76.6#



#27

Fluoranthene-d10

Concen: 0.311 ng

RT: 19.063 min Scan# 1961

Delta R.T. -0.010 min

Lab File: BN032259.D

Acq: 26 Jun 2024 03:31

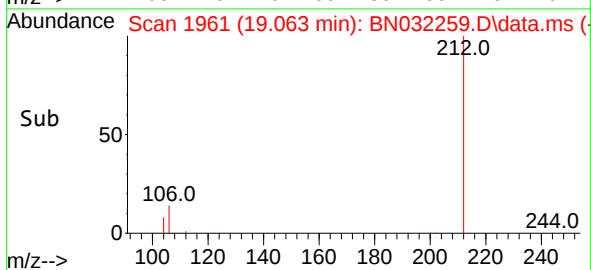
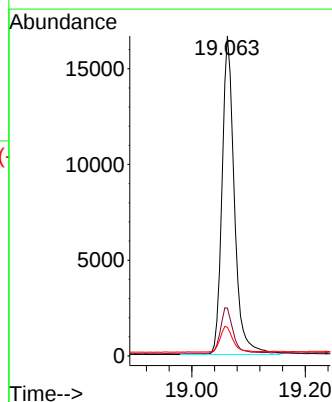
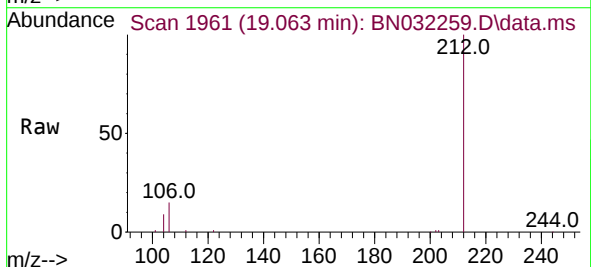
Tgt Ion:212 Resp: 25109

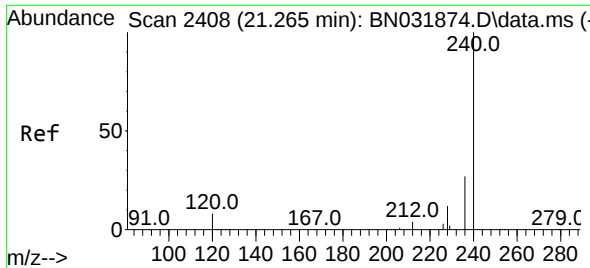
Ion Ratio Lower Upper

212 100

106 14.8 11.8 17.8

104 8.3 6.6 10.0

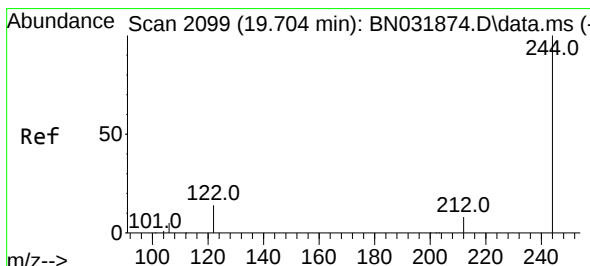
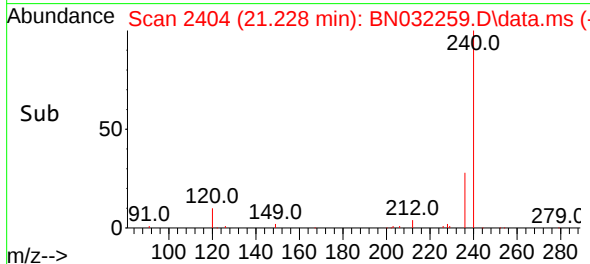
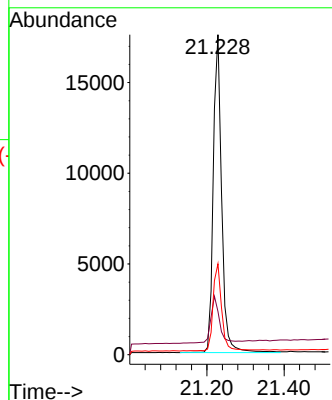
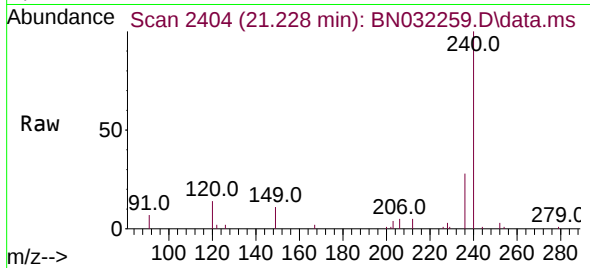




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

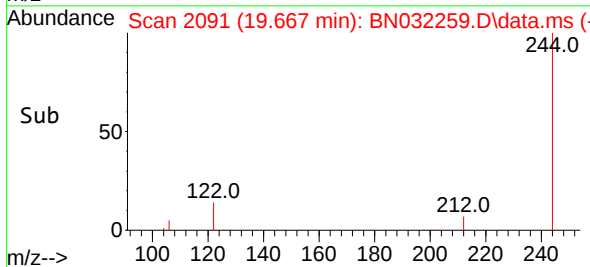
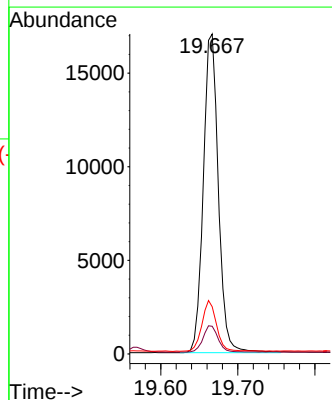
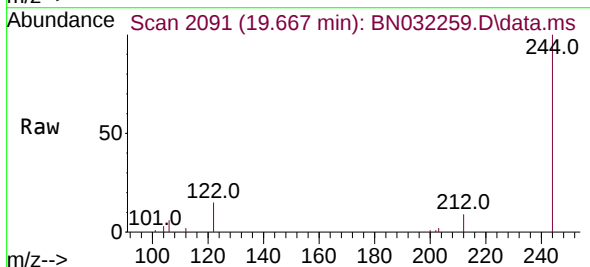
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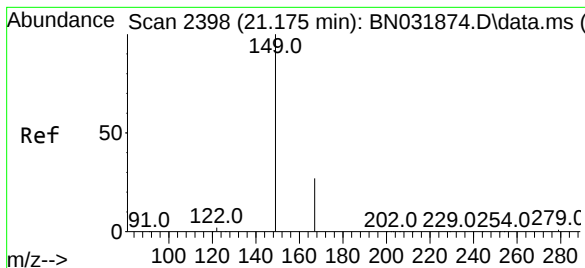
Tgt Ion:240 Resp: 26351
Ion Ratio Lower Upper
240 100
120 13.5 8.2 12.4#
236 28.4 21.8 32.8



#31
Terphenyl-d14
Concen: 0.359 ng
RT: 19.667 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

Tgt Ion:244 Resp: 23121
Ion Ratio Lower Upper
244 100
212 8.7 6.5 9.7
122 14.8 11.4 17.0

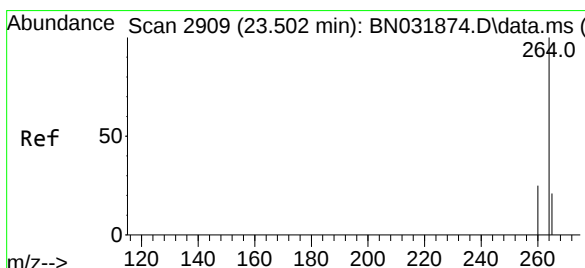
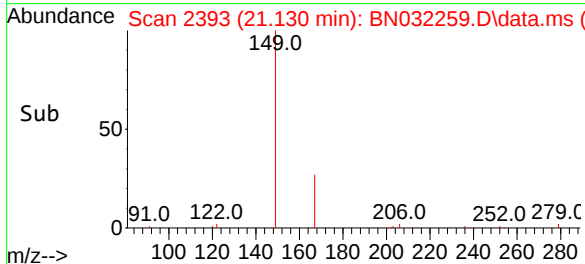
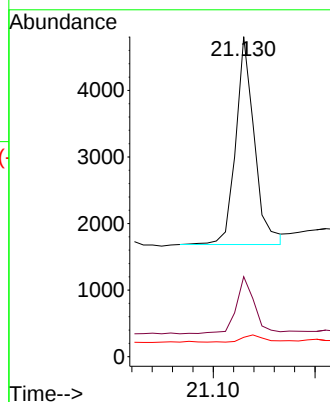
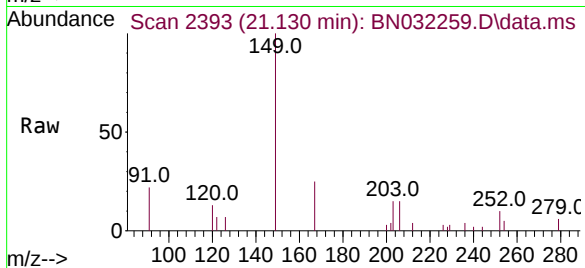




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.058 ng
RT: 21.130 min Scan# 211
Delta R.T. -0.018 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

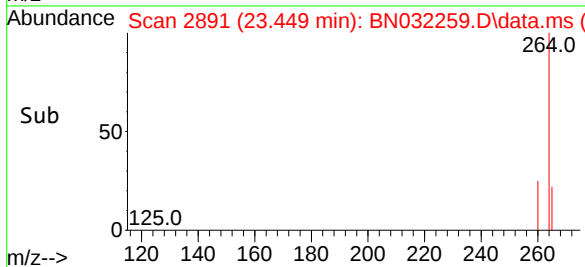
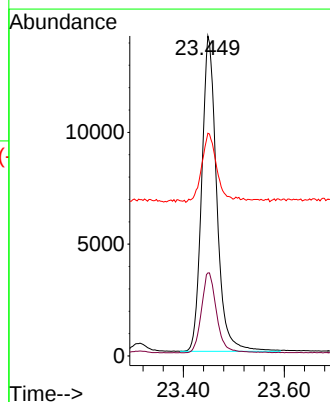
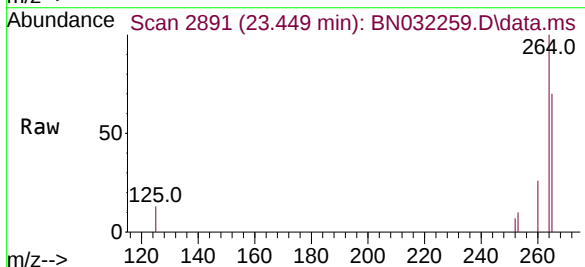
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424

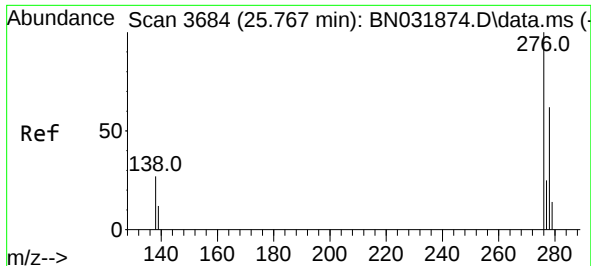
Tgt Ion:149 Resp: 3956
Ion Ratio Lower Upper
149 100
167 28.7 22.5 33.7
279 4.0 2.9 4.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.449 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

Tgt Ion:264 Resp: 29046
Ion Ratio Lower Upper
264 100
260 26.0 20.5 30.7
265 69.6 39.6 59.4#

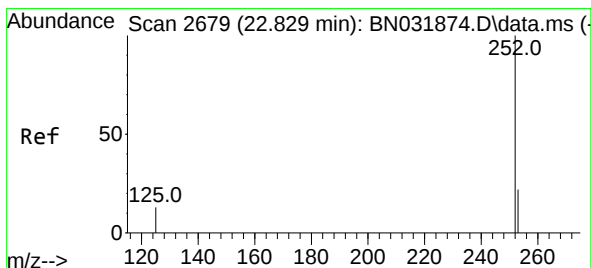
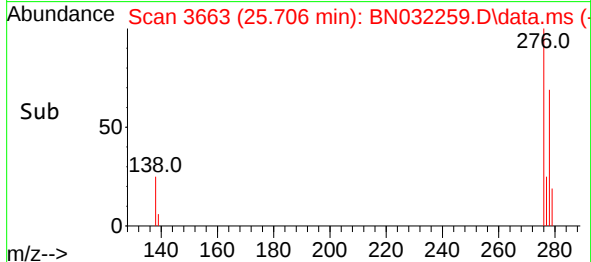
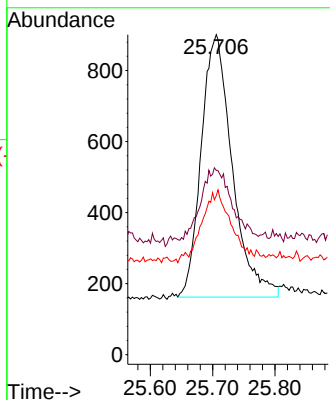
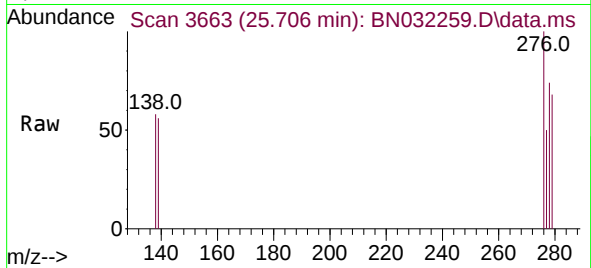




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 25.706 min Scan# 30
Delta R.T. 0.011 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

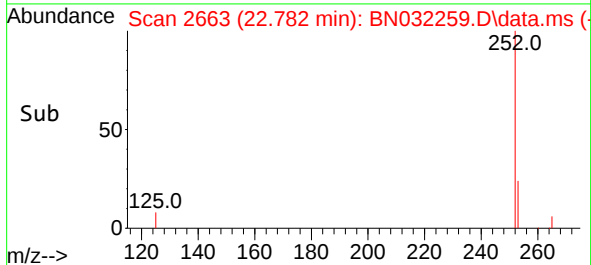
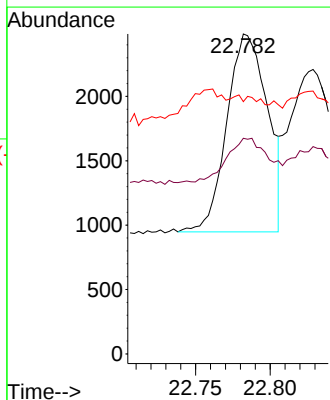
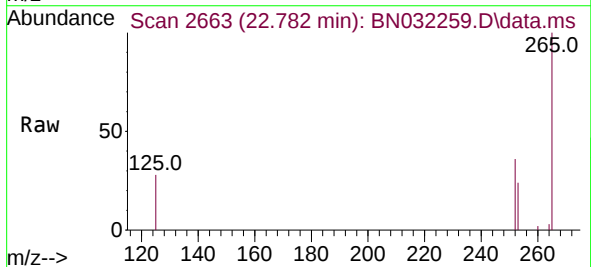
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424

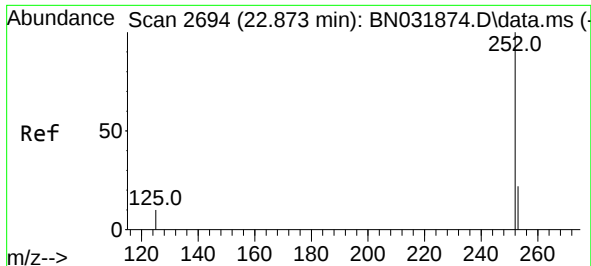
Tgt Ion:276 Resp: 2559
Ion Ratio Lower Upper
276 100
138 26.1 21.5 32.3
277 23.3 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 22.782 min Scan# 2663
Delta R.T. -0.003 min
Lab File: BN032259.D
Acq: 26 Jun 2024 03:31

Tgt Ion:252 Resp: 2915
Ion Ratio Lower Upper
252 100
253 67.4 20.2 30.2#
125 78.8 14.2 21.4#





#38

Benzo(k)fluoranthene

Concen: 0.023 ng

RT: 22.829 min Scan# 2

Delta R.T. -0.001 min

Lab File: BN032259.D

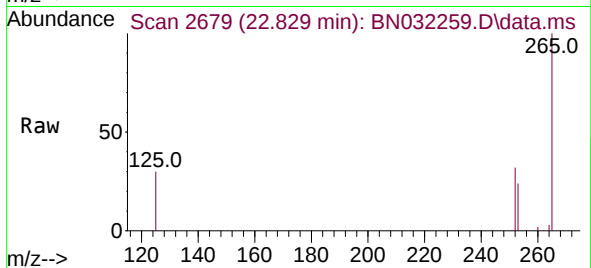
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Instrument :

BNA_N

ClientSampleId :

GWBR-05-257-278-062424



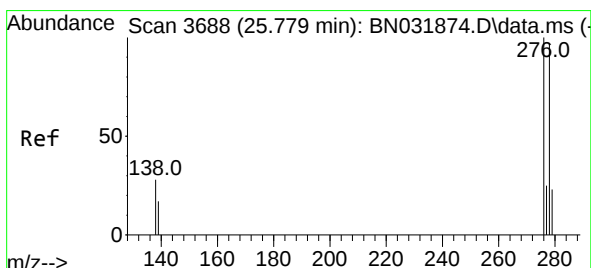
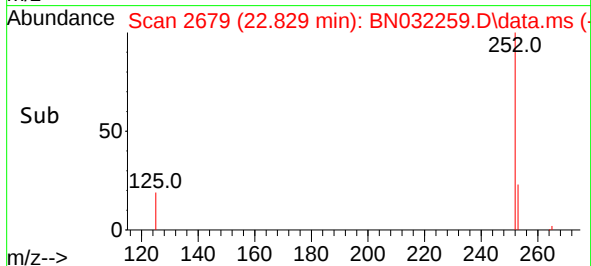
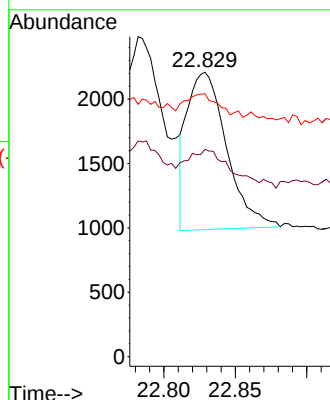
Tgt Ion:252 Resp: 2347

Ion Ratio Lower Upper

252 100

253 72.9 19.9 29.9#

125 92.4 13.0 19.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.022 ng

RT: 25.709 min Scan# 3664

Delta R.T. 0.002 min

Lab File: BN032259.D

Acq: 26 Jun 2024 03:31

Tgt Ion:278 Resp: 1890

Ion Ratio Lower Upper

278 100

139 72.5 17.0 25.4#

279 83.8 21.4 32.0#

