

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
 Data File : BN025296.D
 Acq On : 06 May 2023 02:12
 Operator : CG/JU
 Sample : 02631-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-07B-24-29-050423

Quant Time: May 08 03:18:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 08 02:37:05 2023
 Response via : Initial Calibration

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

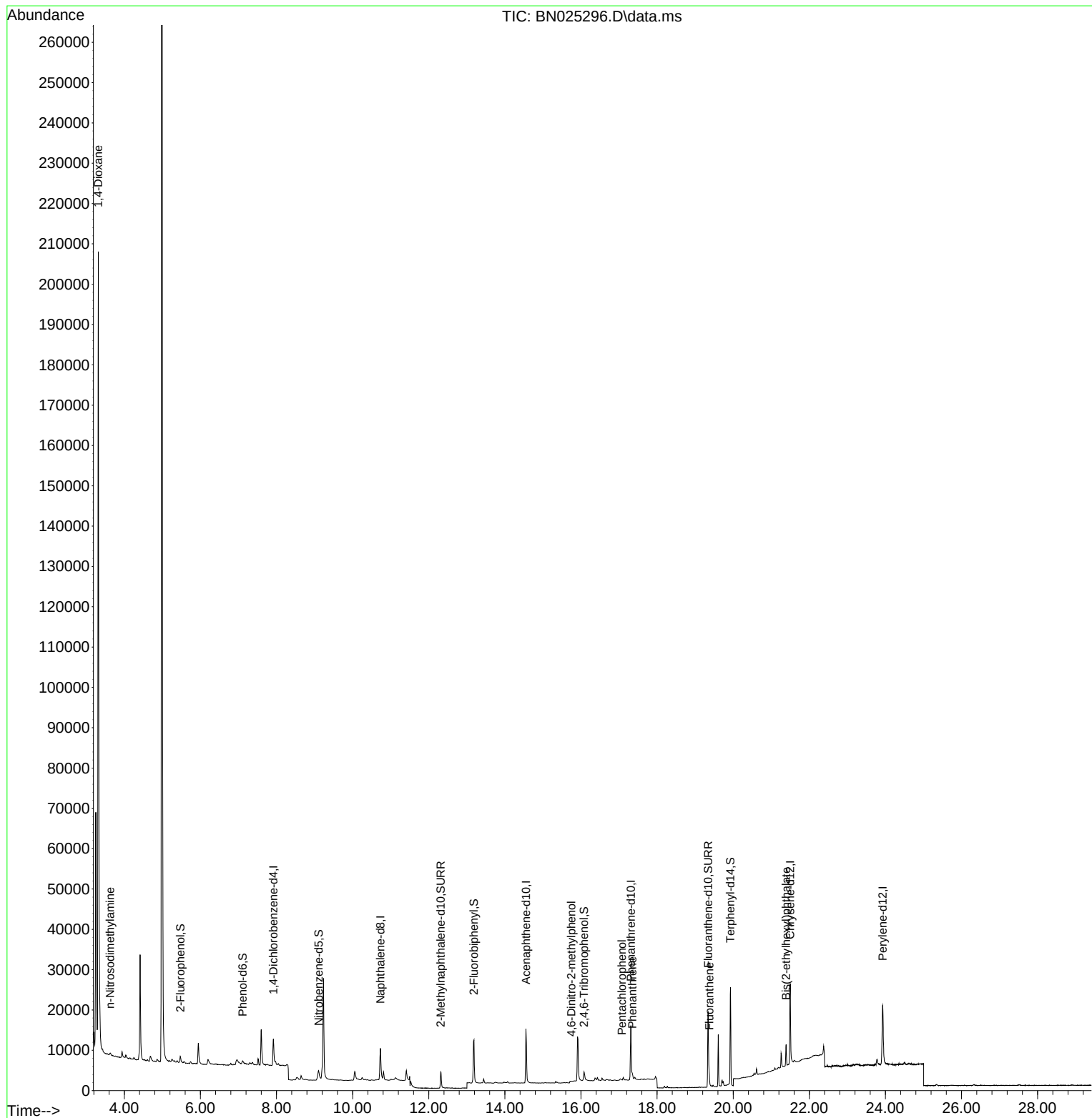
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	4169	0.400	ng	0.00
7) Naphthalene-d8	10.729	136	12989	0.400	ng	# 0.00
13) Acenaphthene-d10	14.555	164	8610	0.400	ng	0.00
19) Phenanthrene-d10	17.311	188	20349	0.400	ng	0.00
29) Chrysene-d12	21.500	240	21000	0.400	ng	0.00
35) Perylene-d12	23.928	264	23971	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.477	112	1713	0.169	ng	0.00
5) Phenol-d6	7.109	99	1232	0.097	ng	0.02
8) Nitrobenzene-d5	9.106	82	3137	0.294	ng	0.01
11) 2-Methylnaphthalene-d10	12.317	152	6638	0.374	ng	0.00
14) 2,4,6-Tribromophenol	16.082	330	1698	0.386	ng	0.01
15) 2-Fluorobiphenyl	13.187	172	11437	0.387	ng	0.00
27) Fluoranthene-d10	19.342	212	23152	0.460	ng	0.00
31) Terphenyl-d14	19.928	244	24743	0.584	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.318	88	122288	27.932	ng	93
3) n-Nitrosodimethylamine	3.628	42	167	0.025	ng	# 8
20) 4,6-Dinitro-2-methylph...	15.747	198	11	0.283	ng	# 1
24) Pentachlorophenol	17.075	266	27	0.272	ng	# 56
25) Phenanthrene	17.348	178	1235	0.022	ng	# 91
28) Fluoranthene	19.372	202	1643	0.023	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.392	149	5333	0.096	ng	# 97

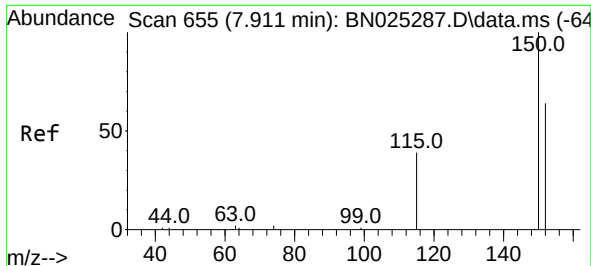
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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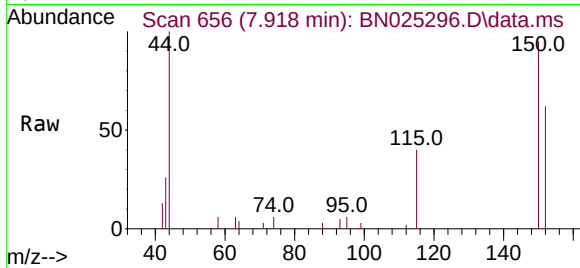
Quant Time: May 08 03:18:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
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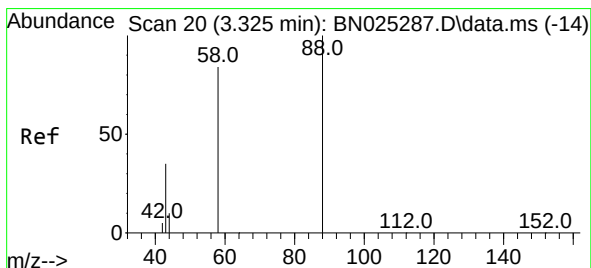
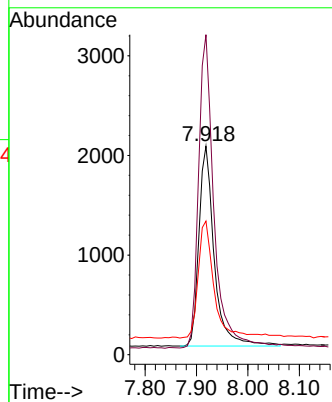
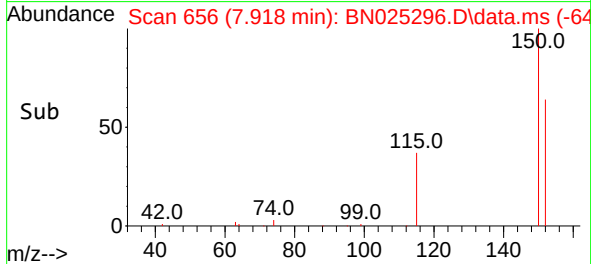
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.918 min Scan# 6
 Delta R.T. 0.007 min
 Lab File: BN025296.D
 Acq: 06 May 2023 02:12

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-07B-24-29-050423

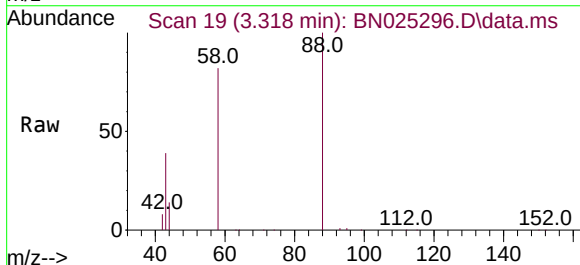


Tgt Ion:152 Resp: 4169

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.8	185.8
115	64.1	52.9	79.3

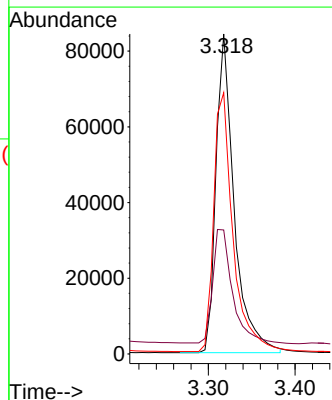
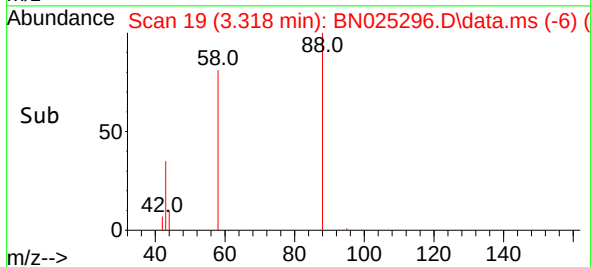


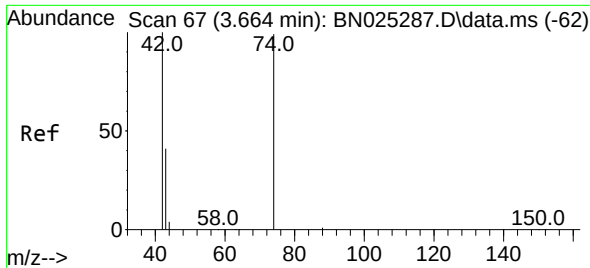
#2
 1,4-Dioxane
 Concen: 27.932 ng
 RT: 3.318 min Scan# 19
 Delta R.T. -0.007 min
 Lab File: BN025296.D
 Acq: 06 May 2023 02:12



Tgt Ion: 88 Resp: 122288

Ion	Ratio	Lower	Upper
88	100		
43	38.3	37.2	55.8
58	85.8	71.5	107.3

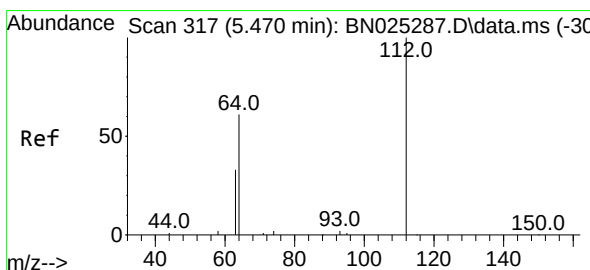
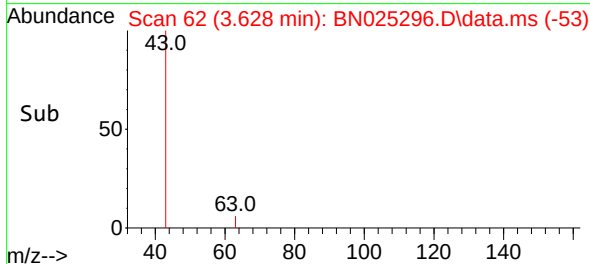
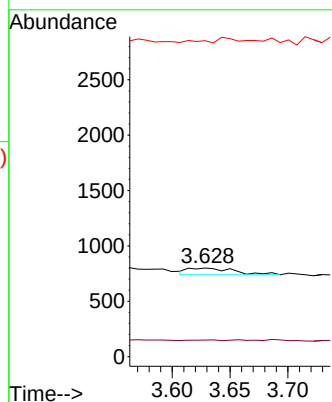
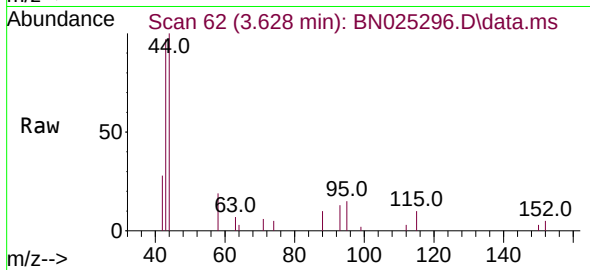




#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.628 min Scan# 61
Delta R.T. -0.036 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

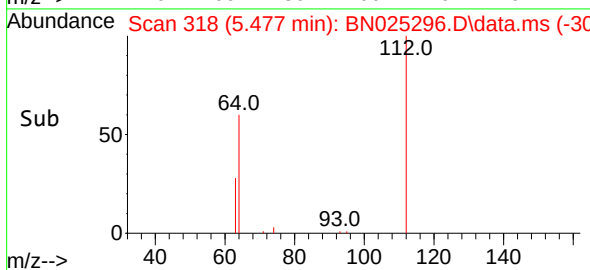
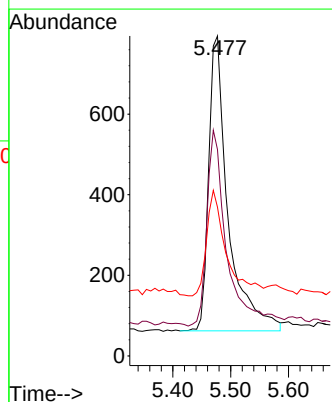
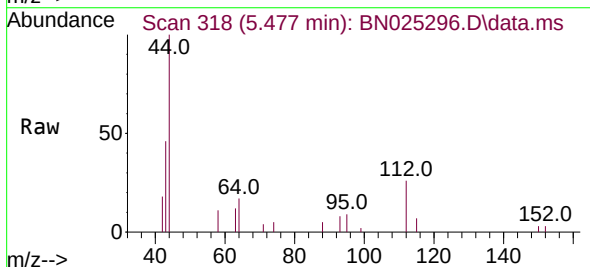
Instrument :
BNA_N
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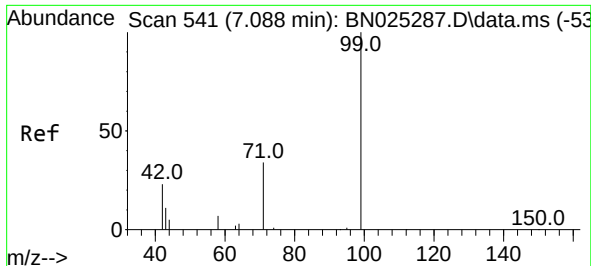
Tgt Ion: 42 Resp: 167
Ion Ratio Lower Upper
42 100
74 6.0 79.9 119.9#
44 33.5 7.0 10.6#



#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.477 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

Tgt Ion: 112 Resp: 1713
Ion Ratio Lower Upper
112 100
64 68.2 51.5 77.3
63 36.3 27.8 41.6

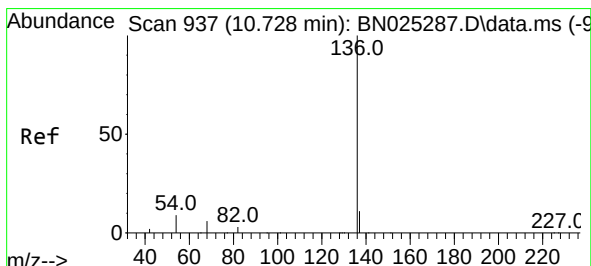
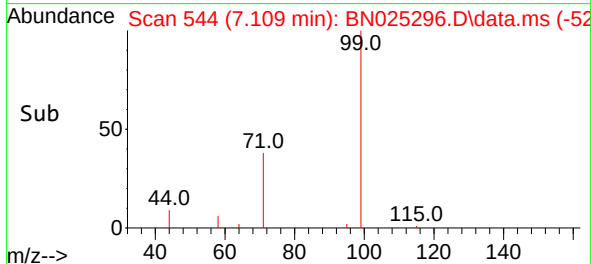
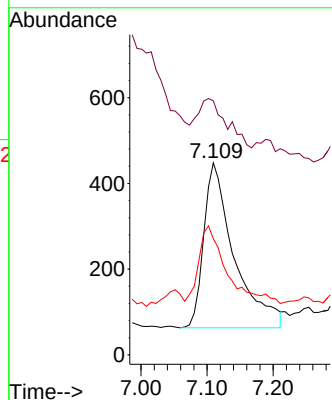
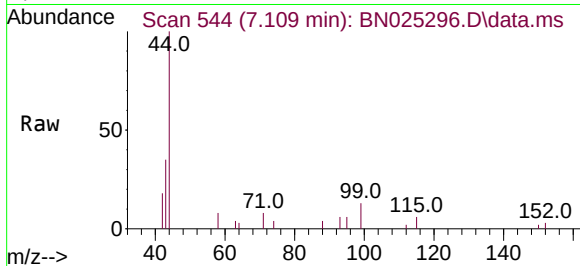




#5
Phenol-d6
Concen: 0.097 ng
RT: 7.109 min Scan# 541
Delta R.T. 0.022 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

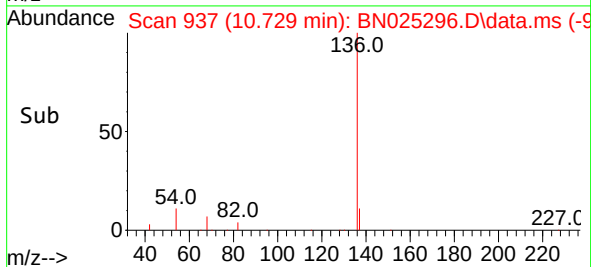
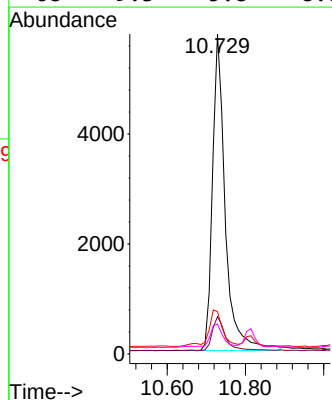
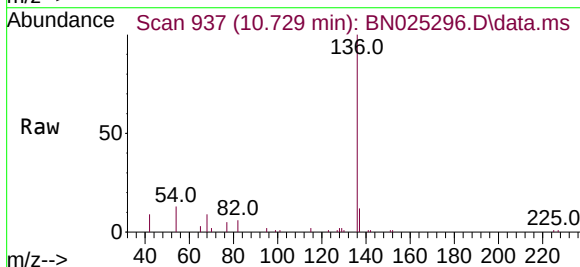
Instrument :
BNA_N
ClientSampleId :
GWOW-07B-24-29-050423

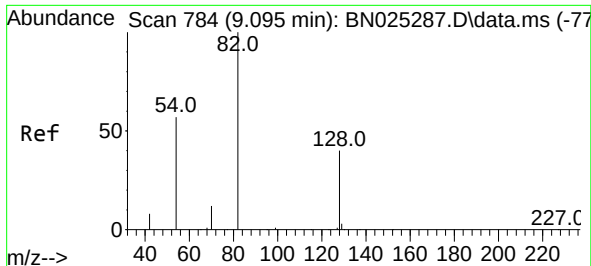
Tgt Ion: 99 Resp: 1232
Ion Ratio Lower Upper
99 100
42 28.2 22.0 33.0
71 44.1 28.7 43.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.729 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

Tgt Ion: 136 Resp: 12989
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 13.2 8.5 12.7#
68 9.3 5.8 8.8#

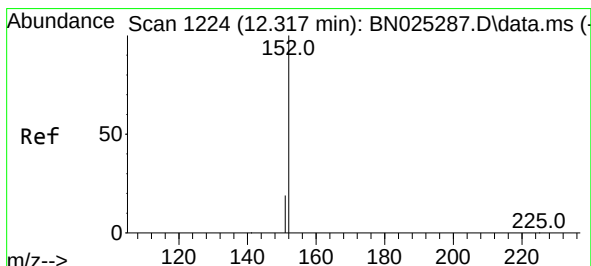
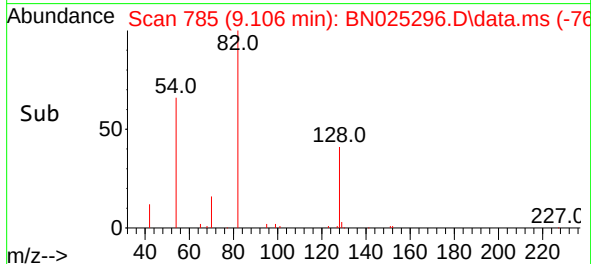
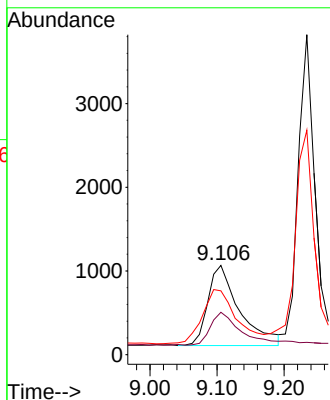
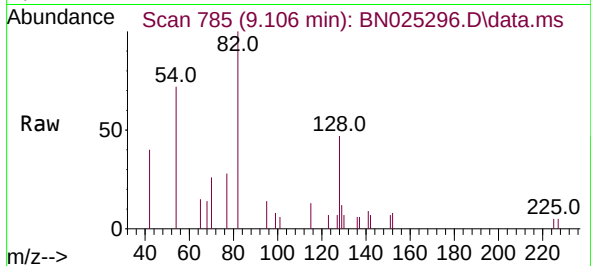




#8
 Nitrobenzene-d5
 Concen: 0.294 ng
 RT: 9.106 min Scan# 784
 Delta R.T. 0.011 min
 Lab File: BN025296.D
 Acq: 06 May 2023 02:12

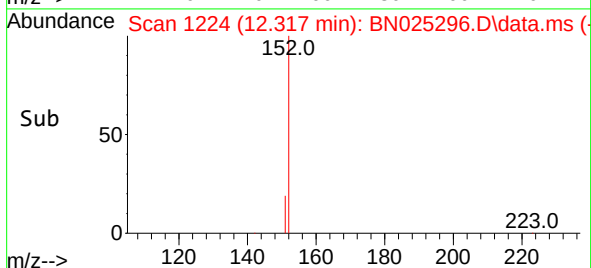
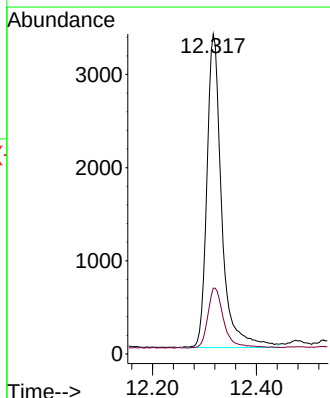
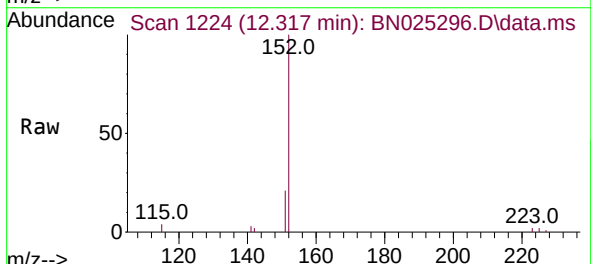
Instrument :
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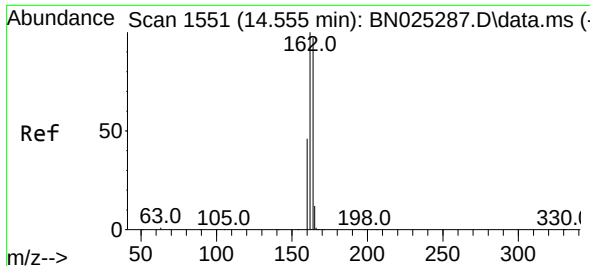
Tgt Ion: 82 Resp: 3137
 Ion Ratio Lower Upper
 82 100
 128 47.4 35.3 52.9
 54 71.5 48.7 73.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.374 ng
 RT: 12.317 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: BN025296.D
 Acq: 06 May 2023 02:12

Tgt Ion: 152 Resp: 6638
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.4 24.6

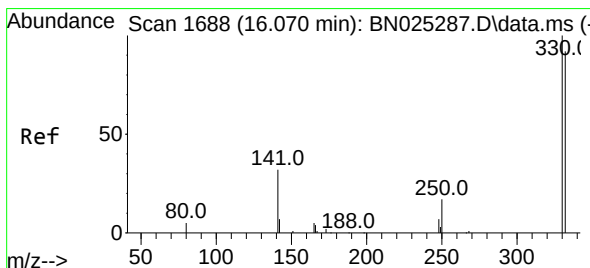
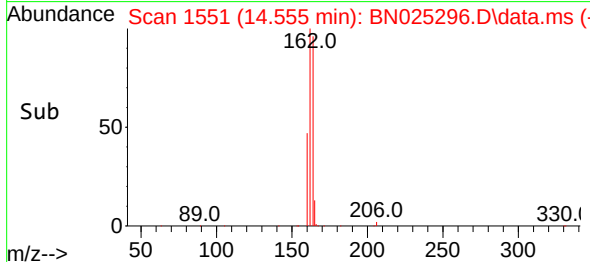
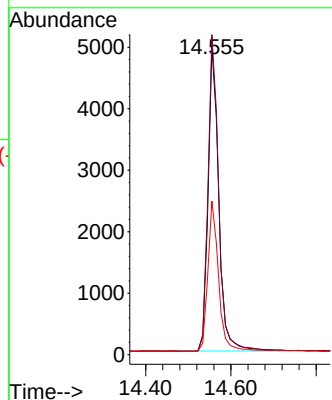
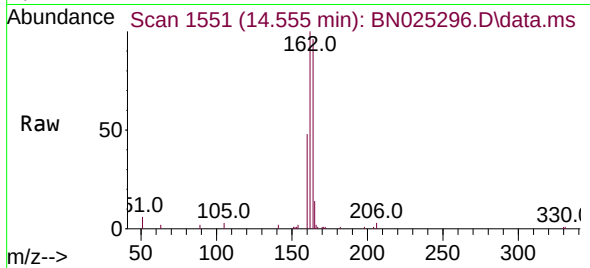




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.555 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

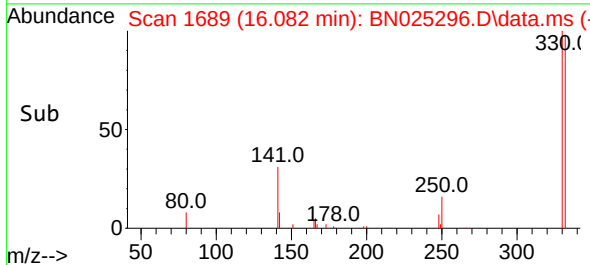
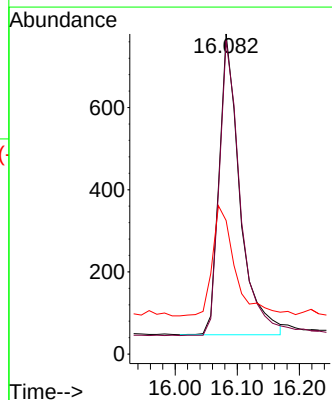
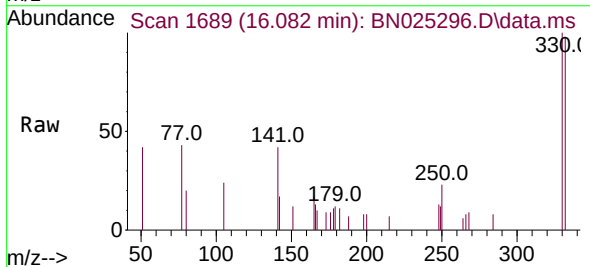
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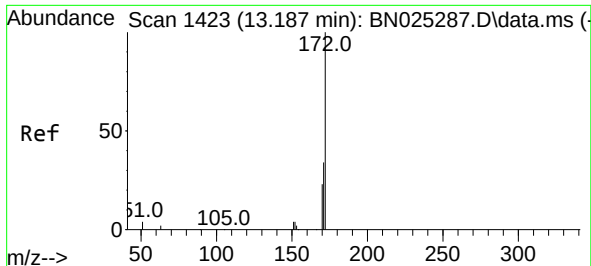
Tgt Ion:164 Resp: 8610
Ion Ratio Lower Upper
164 100
162 104.1 82.1 123.1
160 50.0 38.3 57.5



#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 16.082 min Scan# 1689
Delta R.T. 0.012 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

Tgt Ion:330 Resp: 1698
Ion Ratio Lower Upper
330 100
332 99.2 77.4 116.0
141 39.4 28.9 43.3

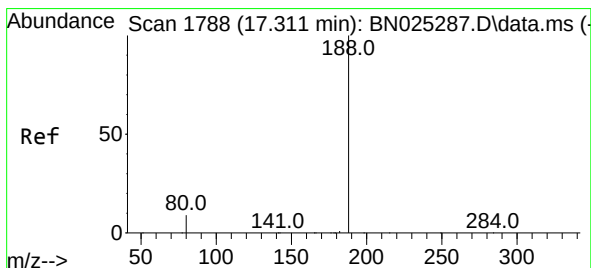
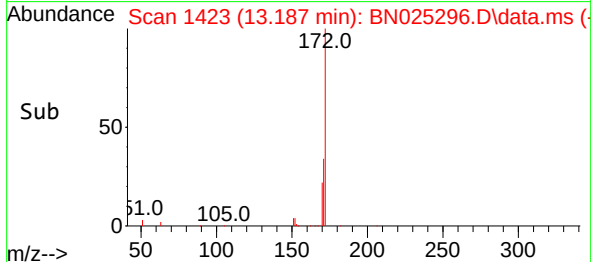
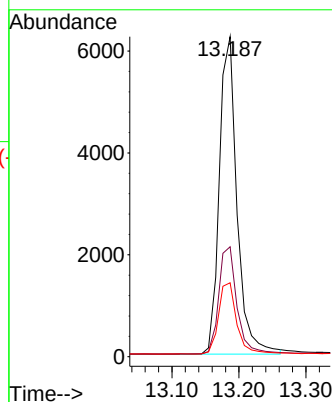
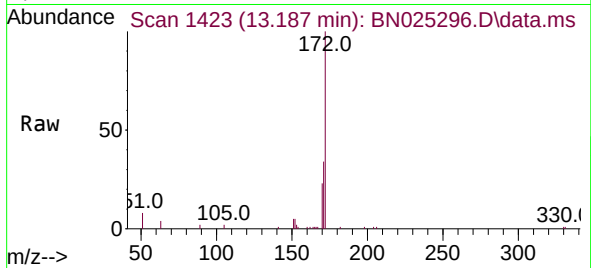




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.187 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

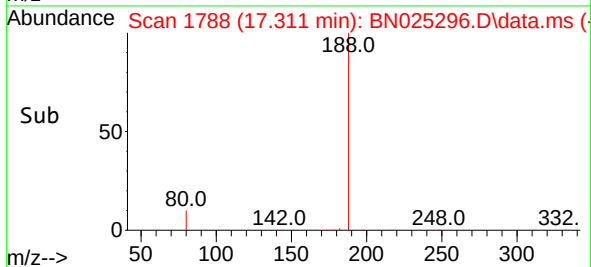
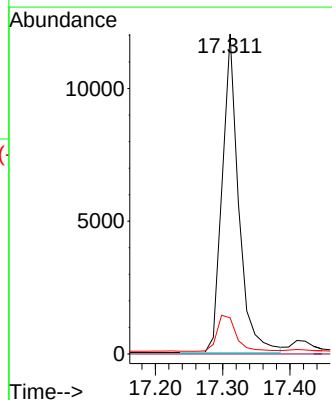
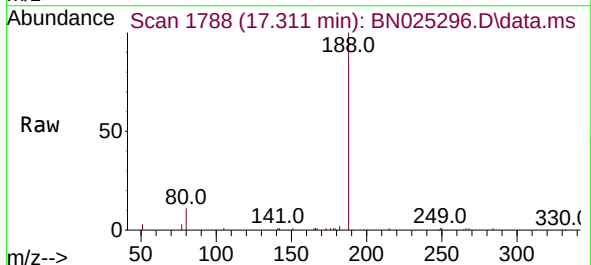
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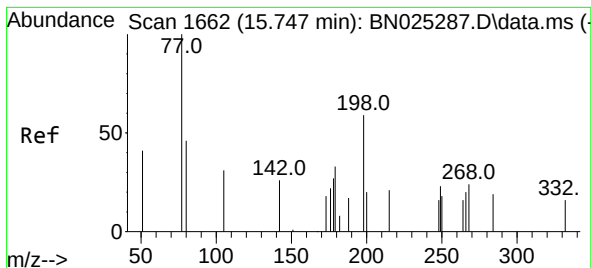
Tgt Ion:	172	Resp:	11437
Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.9	41.9
170	23.1	19.0	28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.311 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

Tgt Ion:	188	Resp:	20349
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	8.0	12.0

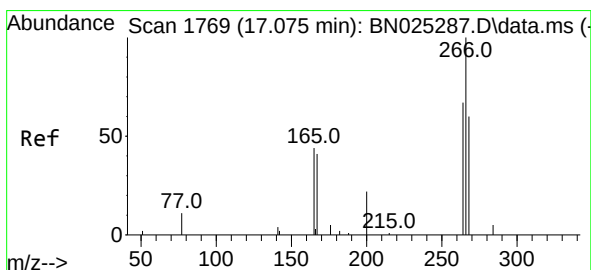
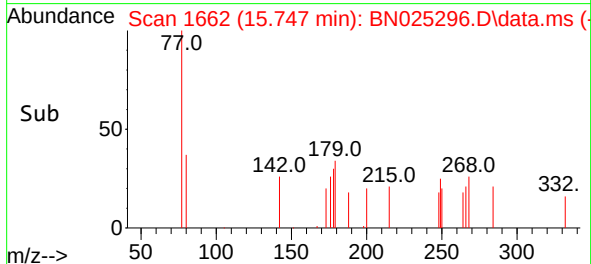
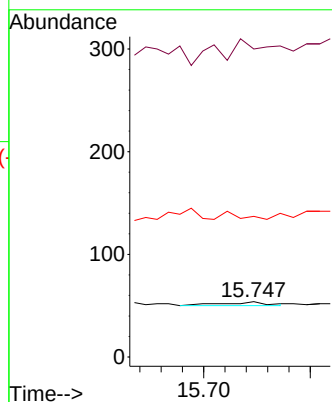
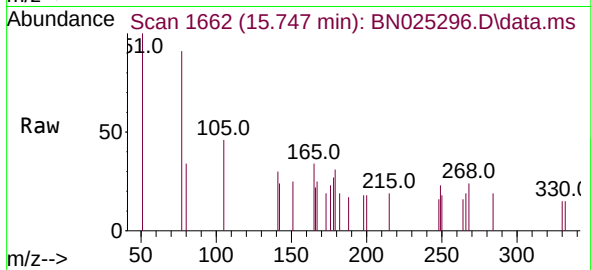




#20
4,6-Dinitro-2-methylphenol
Concen: 0.283 ng
RT: 15.747 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

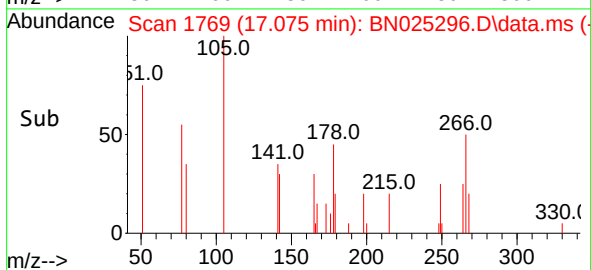
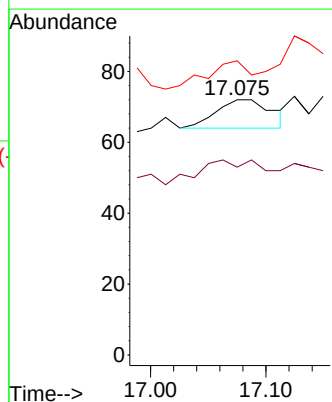
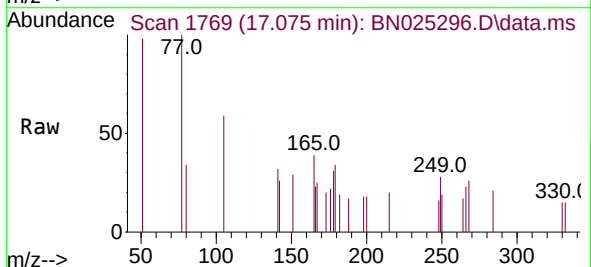
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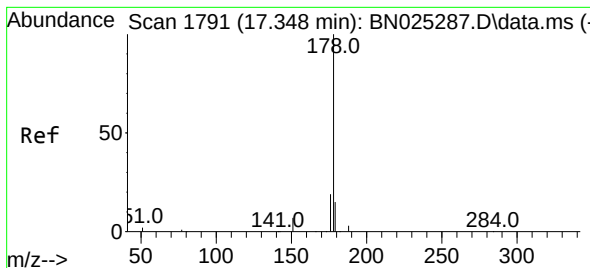
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 555.6 162.1 243.1#
105 253.7 83.1 124.7#



#24
Pentachlorophenol
Concen: 0.272 ng
RT: 17.075 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

Tgt Ion:266 Resp: 27
Ion Ratio Lower Upper
266 100
264 103.7 43.0 64.4#
268 74.1 47.4 71.2#





#25

Phenanthrene

Concen: 0.022 ng

RT: 17.348 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025296.D

Acq: 06 May 2023 02:12

Instrument :

BNA_N

ClientSampleId :

GWOW-07B-24-29-050423

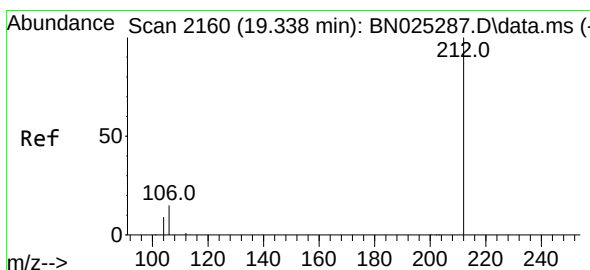
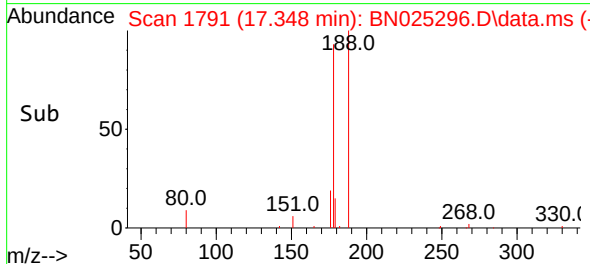
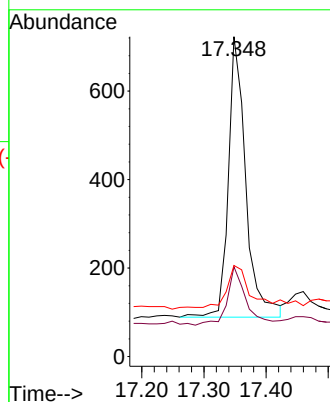
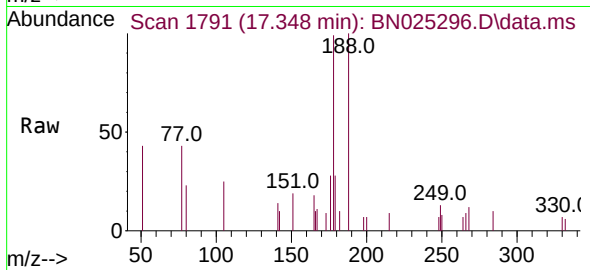
Tgt Ion:178 Resp: 1235

Ion Ratio Lower Upper

178 100

176 22.0 15.5 23.3

179 21.4 12.4 18.6#



#27

Fluoranthene-d10

Concen: 0.460 ng

RT: 19.342 min Scan# 2161

Delta R.T. 0.004 min

Lab File: BN025296.D

Acq: 06 May 2023 02:12

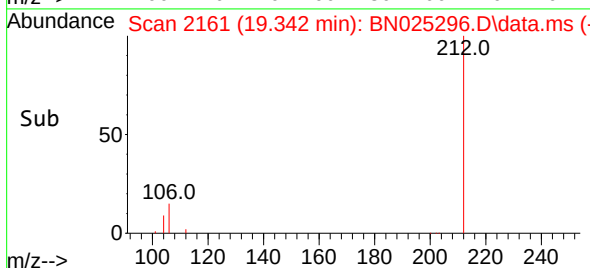
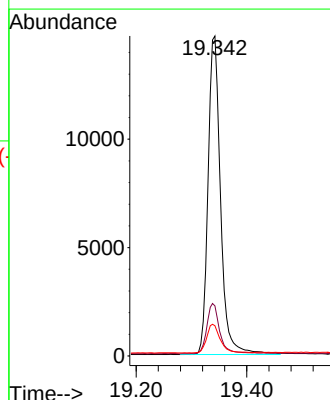
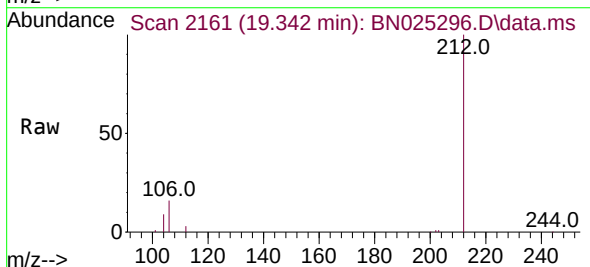
Tgt Ion:212 Resp: 23152

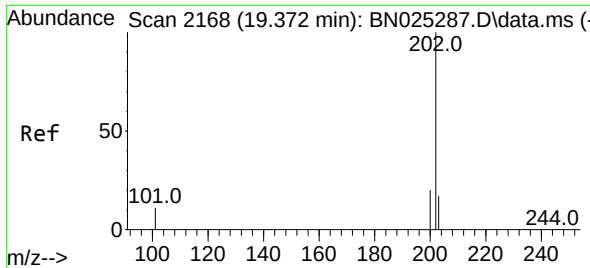
Ion Ratio Lower Upper

212 100

106 16.3 12.6 19.0

104 9.6 7.0 10.6

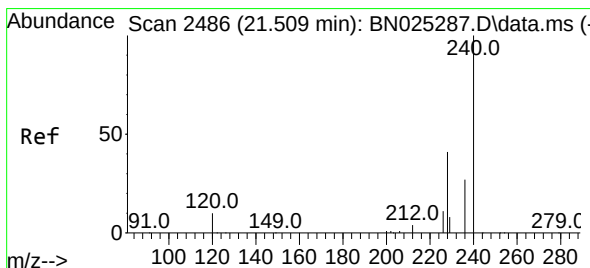
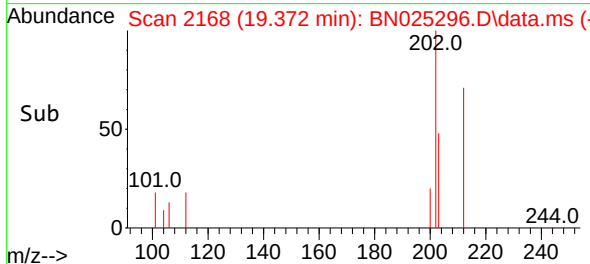
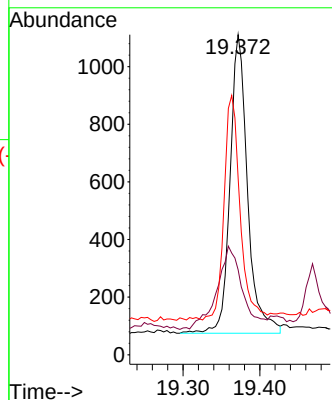
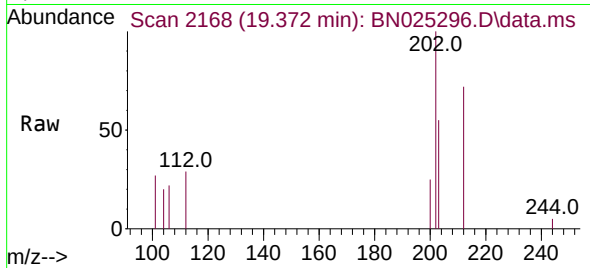




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.372 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

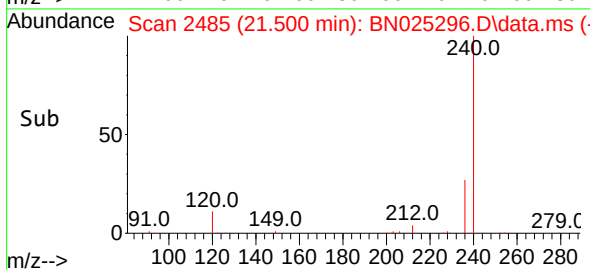
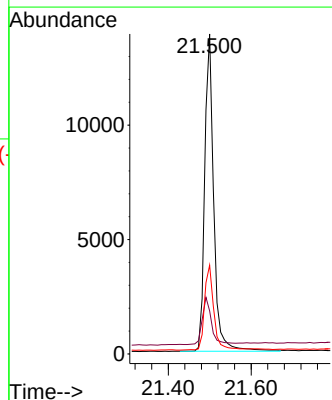
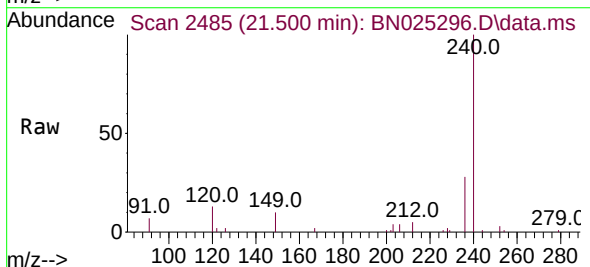
Instrument :
BNA_N
ClientSampleId :
GWOW-07B-24-29-050423

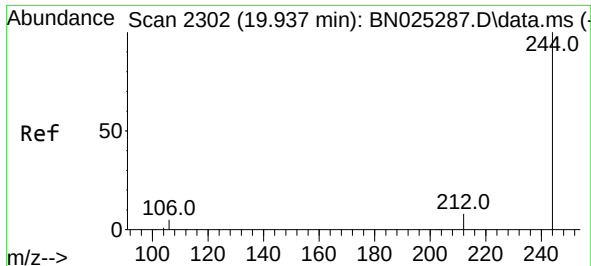
Tgt Ion:202 Resp: 1643
Ion Ratio Lower Upper
202 100
101 40.8 9.8 14.8#
203 68.8 13.5 20.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.500 min Scan# 2485
Delta R.T. -0.009 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

Tgt Ion:240 Resp: 21000
Ion Ratio Lower Upper
240 100
120 13.5 10.3 15.5
236 27.8 22.3 33.5

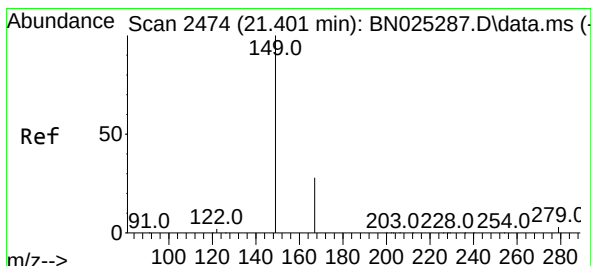
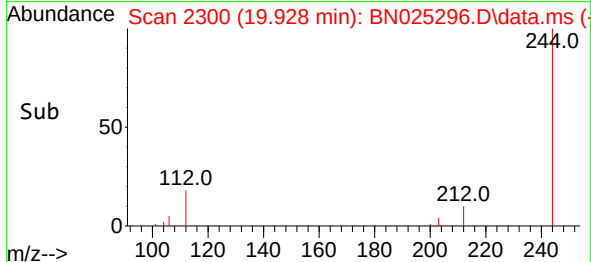
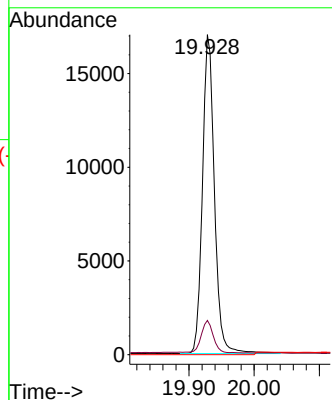
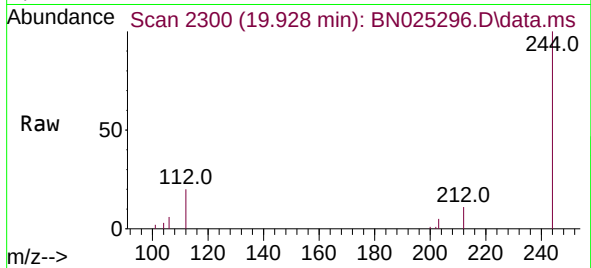




#31
Terphenyl-d14
Concen: 0.584 ng
RT: 19.928 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

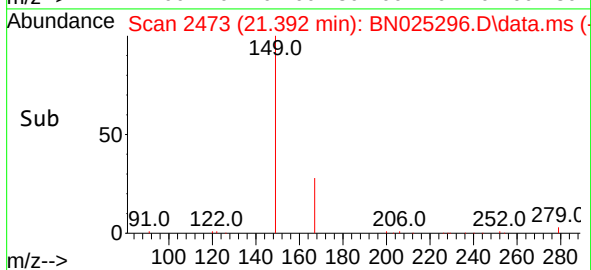
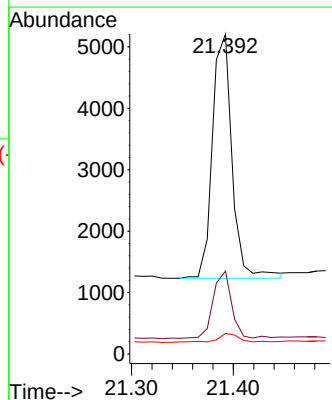
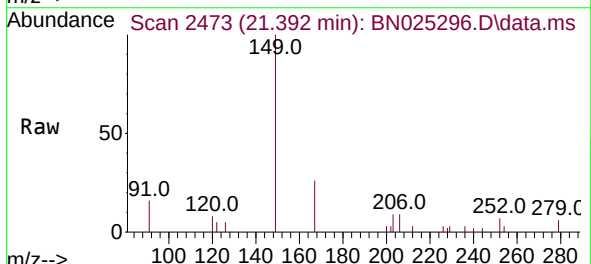
Instrument :
BNA_N
ClientSampleId :
GWOW-07B-24-29-050423

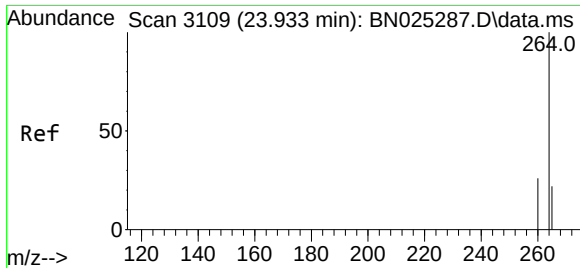
Tgt Ion:244 Resp: 24743
Ion Ratio Lower Upper
244 100
212 10.7 7.1 10.7#
122 0.0 0.0 0.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng
RT: 21.392 min Scan# 2473
Delta R.T. -0.009 min
Lab File: BN025296.D
Acq: 06 May 2023 02:12

Tgt Ion:149 Resp: 5333
Ion Ratio Lower Upper
149 100
167 26.3 22.2 33.4
279 4.3 2.6 4.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.928 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN025296.D

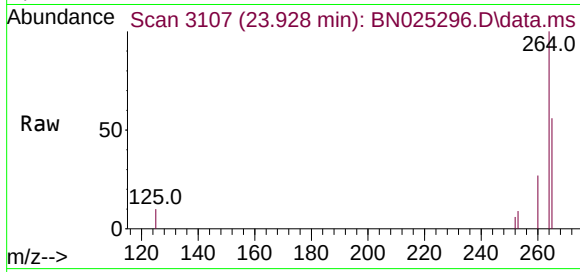
Acq: 06 May 2023 02:12

Instrument :

BNA_N

ClientSampleId :

GWOW-07B-24-29-050423



Tgt Ion:264 Resp: 23971

Ion Ratio Lower Upper

264 100

260 26.9 21.5 32.3

265 56.1 46.2 69.4

