

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051623\
 Data File : BN025446.D
 Acq On : 16 May 2023 16:48
 Operator : CG/JU
 Sample : 02804-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-03-128-148-051523

Quant Time: May 17 03:33:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 17 02:52:36 2023
 Response via : Initial Calibration

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

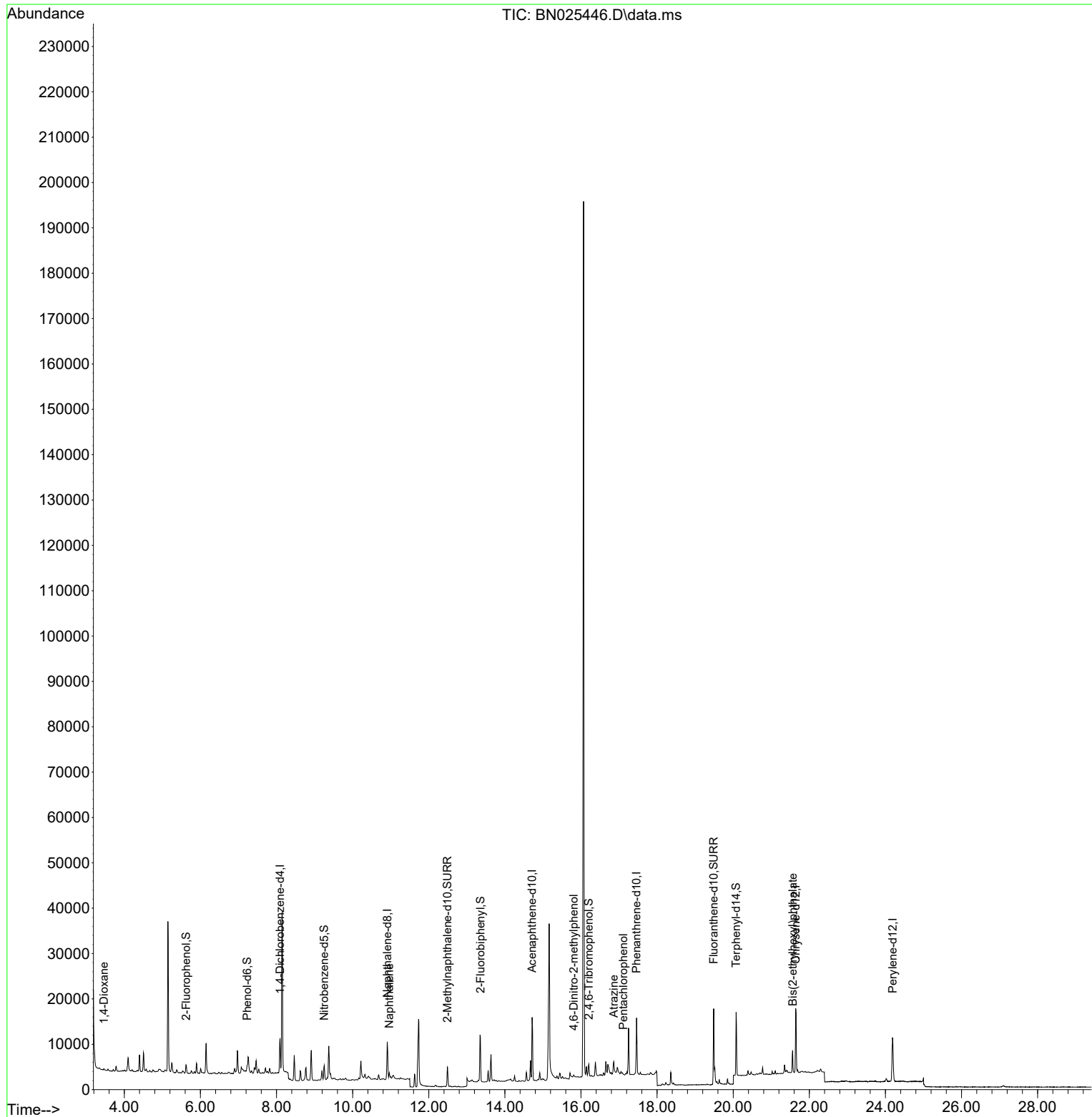
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	3704	0.400	ng	0.00
7) Naphthalene-d8	10.910	136	11218	0.400	ng	0.00
13) Acenaphthene-d10	14.716	164	6994	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	16237	0.400	ng	0.00
29) Chrysene-d12	21.643	240	14221	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	15320	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.622	112	1360	0.171	ng	0.00
5) Phenol-d6	7.232	99	1140	0.107	ng	0.00
8) Nitrobenzene-d5	9.255	82	2747	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	12.491	152	5707	0.364	ng	0.00
14) 2,4,6-Tribromophenol	16.206	330	1342	0.566	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	9502	0.371	ng	0.00
27) Fluoranthene-d10	19.486	212	17279	0.447	ng	0.00
31) Terphenyl-d14	20.076	244	12149	0.470	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.462	88	107	0.031	ng	# 1
6) bis(2-Chloroethyl)ether	7.521	93	56	Below Cal		# 1
9) Naphthalene	10.963	128	1049	0.037	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.809	198	410	0.283	ng	96
23) Atrazine	16.864	200	579	0.073	ng	# 63
24) Pentachlorophenol	17.112	266	75	0.222	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.563	149	4920	0.168	ng	97

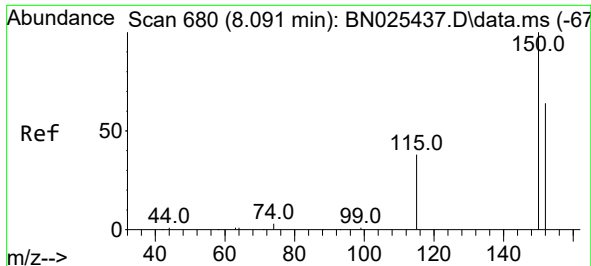
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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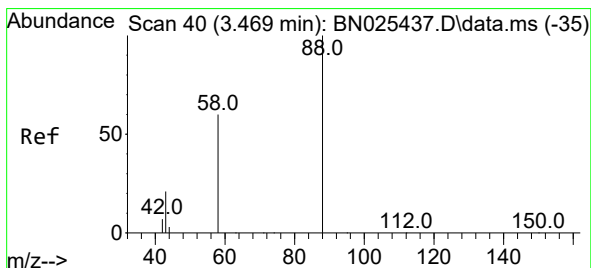
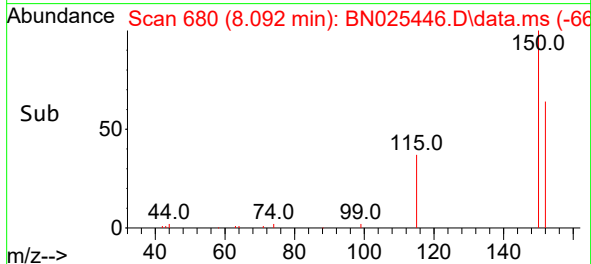
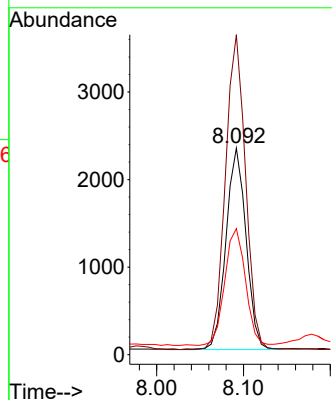
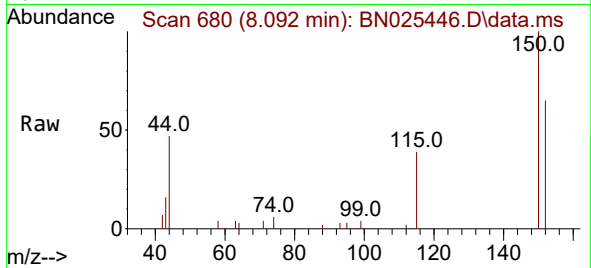




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.092 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN025446.D
 Acq: 16 May 2023 16:48

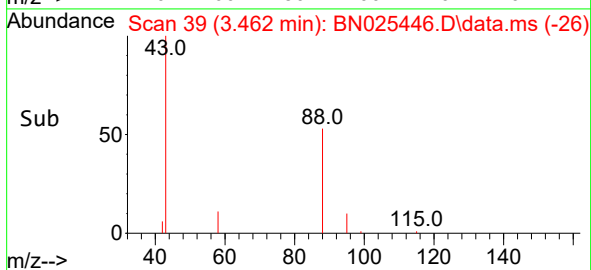
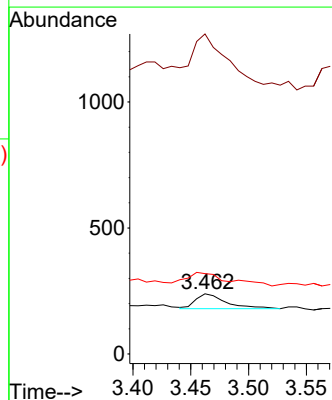
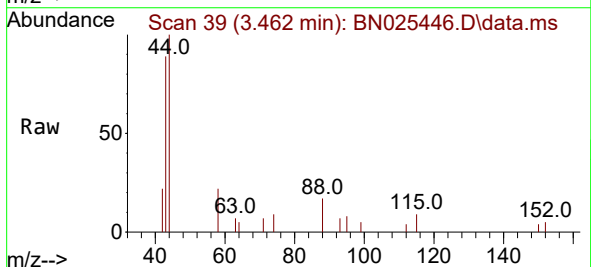
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-03-128-148-051523

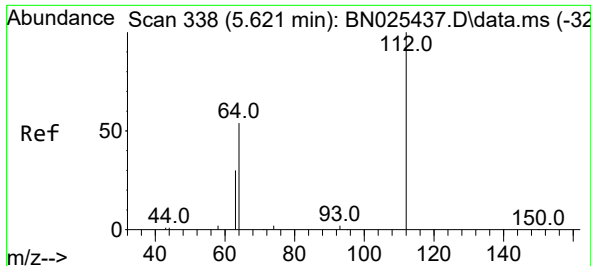
Tgt Ion:152 Resp: 3704
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.7 185.5
 115 61.0 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.031 ng
 RT: 3.462 min Scan# 39
 Delta R.T. -0.007 min
 Lab File: BN025446.D
 Acq: 16 May 2023 16:48

Tgt Ion: 88 Resp: 107
 Ion Ratio Lower Upper
 88 100
 43 380.4 25.1 37.7#
 58 64.5 55.5 83.3





#4

2-Fluorophenol

Concen: 0.171 ng

RT: 5.622 min Scan# 31

Delta R.T. 0.001 min

Lab File: BN025446.D

Acq: 16 May 2023 16:48

Instrument :

BNA_N

ClientSampleId :

OWBR-03-128-148-051523

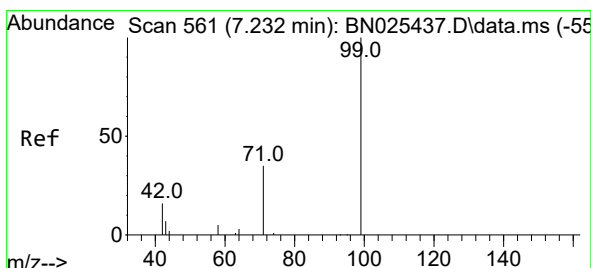
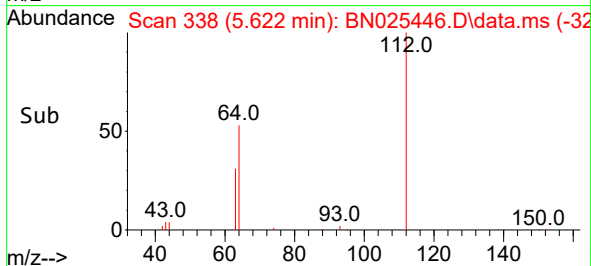
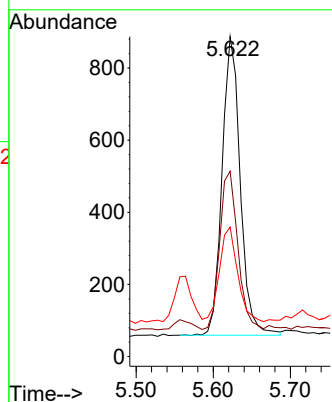
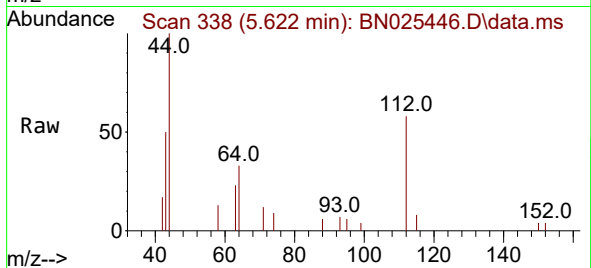
Tgt Ion:112 Resp: 1360

Ion Ratio Lower Upper

112 100

64 52.6 43.9 65.9

63 31.5 25.0 37.4



#5

Phenol-d6

Concen: 0.107 ng

RT: 7.232 min Scan# 561

Delta R.T. 0.000 min

Lab File: BN025446.D

Acq: 16 May 2023 16:48

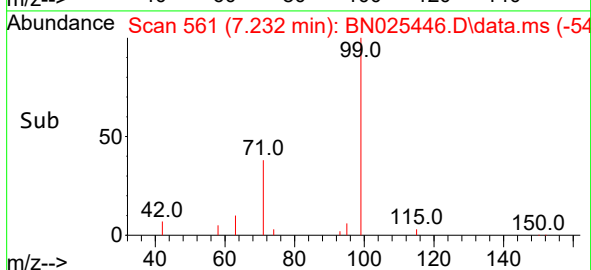
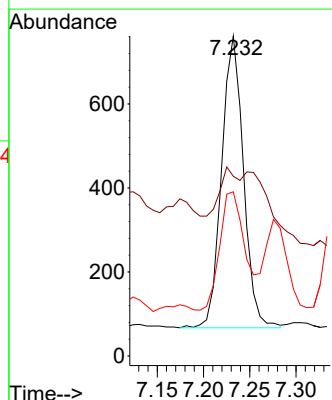
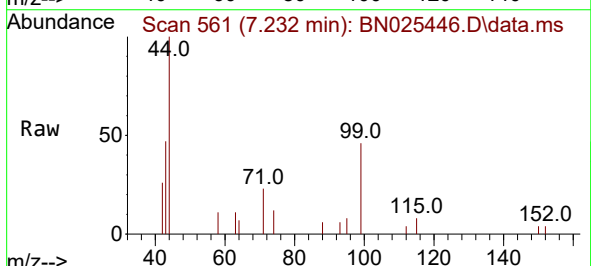
Tgt Ion: 99 Resp: 1140

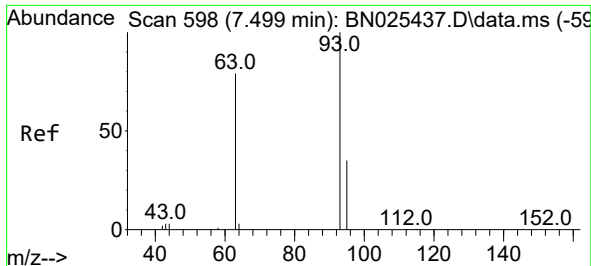
Ion Ratio Lower Upper

99 100

42 14.2 16.4 24.6#

71 45.6 29.4 44.0#

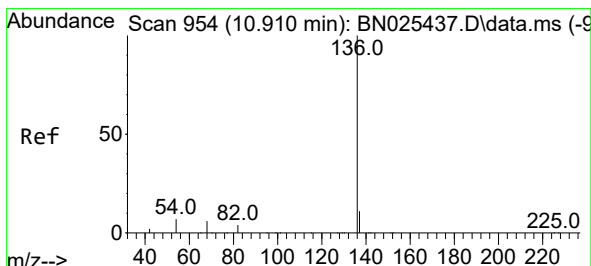
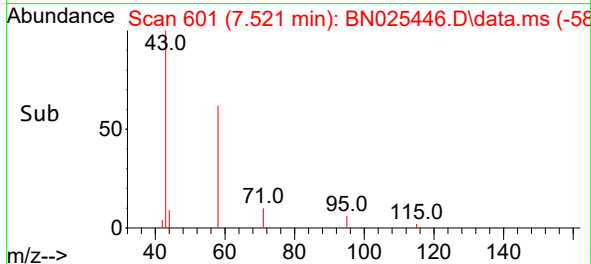
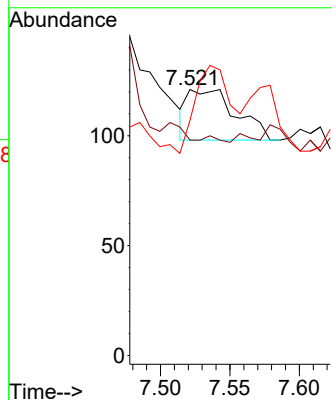
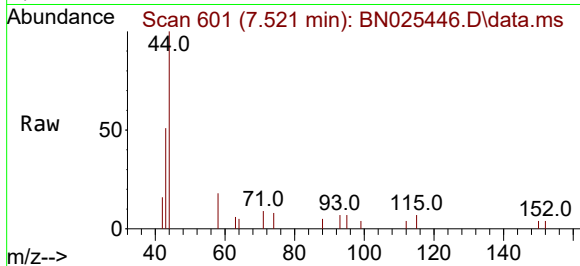




#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.521 min Scan# 601
Delta R.T. 0.022 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

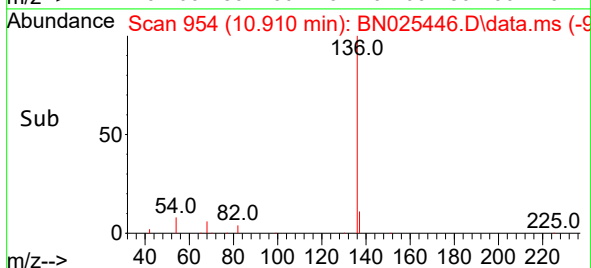
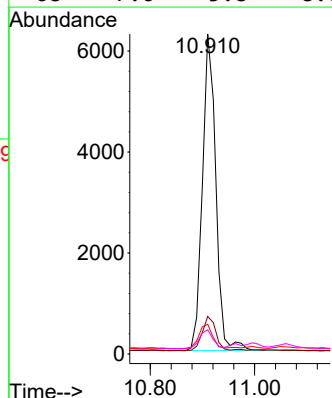
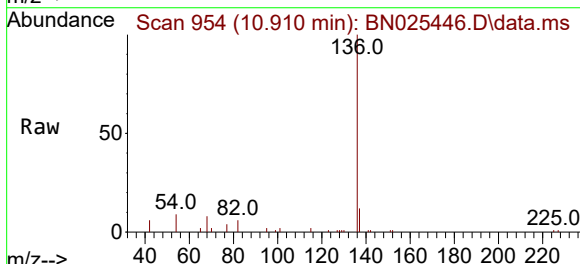
Instrument :
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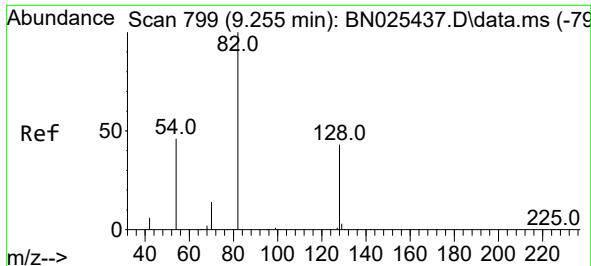
Tgt Ion: 93 Resp: 56
Ion Ratio Lower Upper
93 100
63 0.0 48.5 72.7#
95 128.6 22.0 33.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

Tgt Ion:136 Resp: 11218
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 9.3 7.0 10.4
68 7.6 5.8 8.6

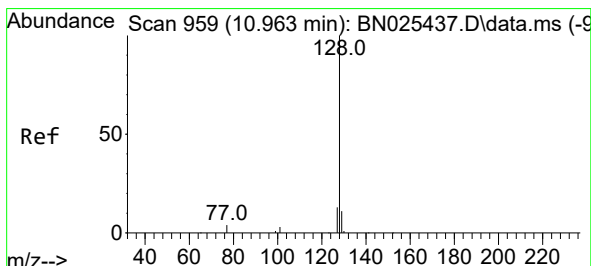
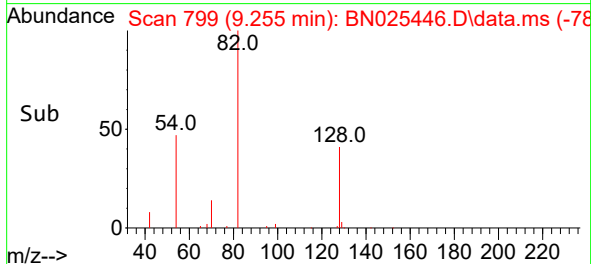
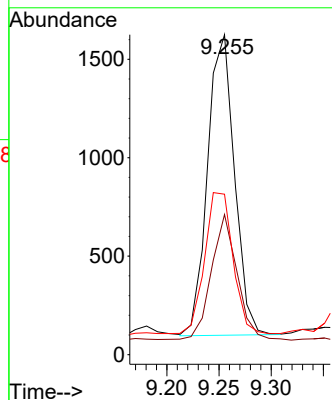
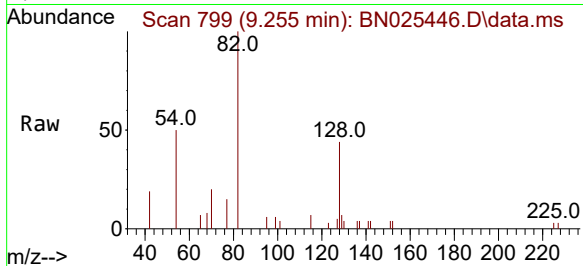




#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.255 min Scan# 799
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

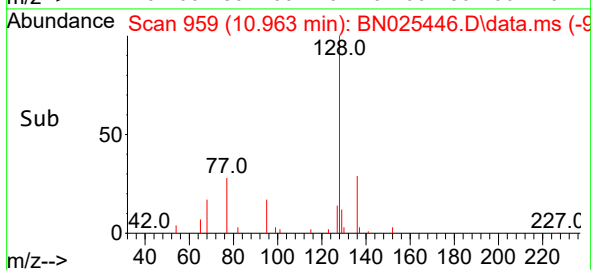
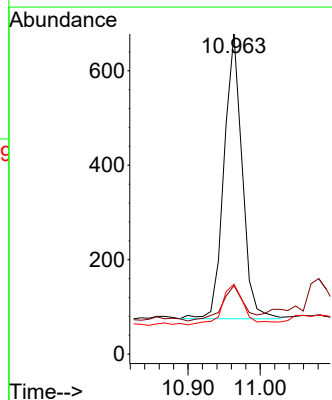
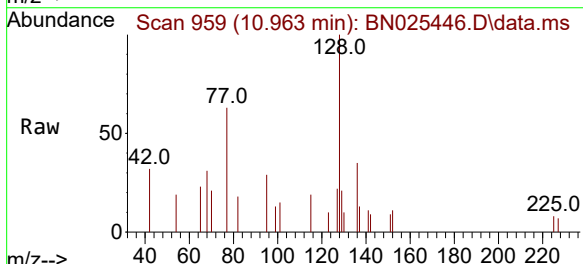
Instrument :
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ClientSampleId :
OWBR-03-128-148-051523

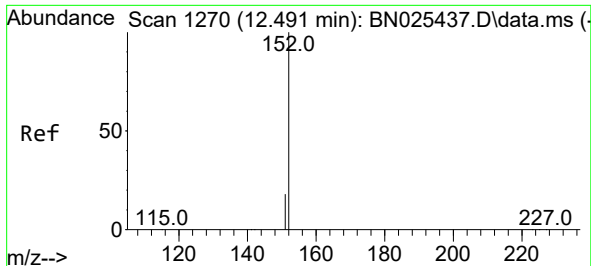
Tgt Ion: 82 Resp: 2747
Ion Ratio Lower Upper
82 100
128 43.8 35.7 53.5
54 50.2 38.6 57.8



#9
Naphthalene
Concen: 0.037 ng
RT: 10.963 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

Tgt Ion: 128 Resp: 1049
Ion Ratio Lower Upper
128 100
129 21.4 9.4 14.2#
127 21.8 10.6 16.0#

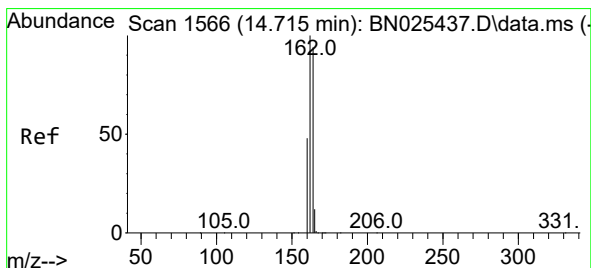
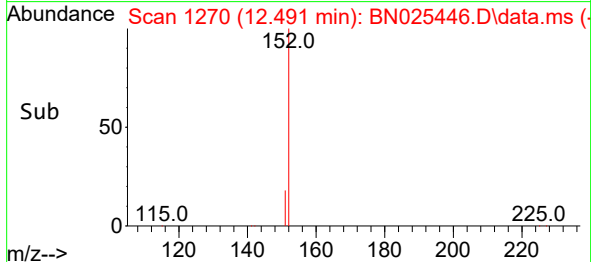
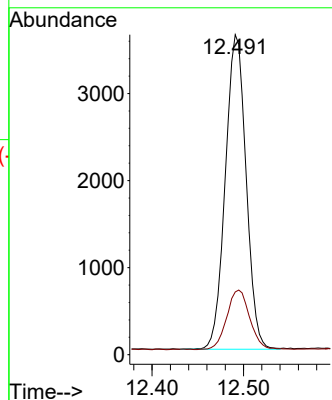
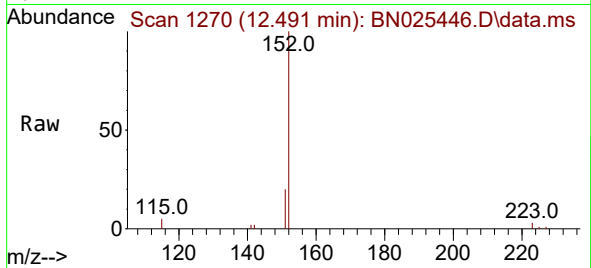




#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.491 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

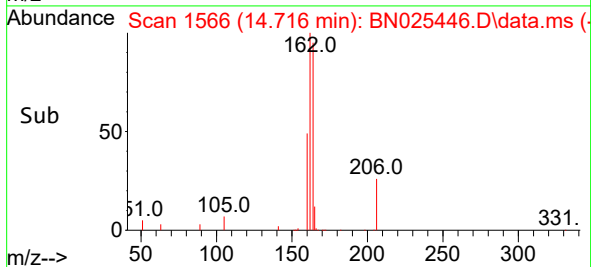
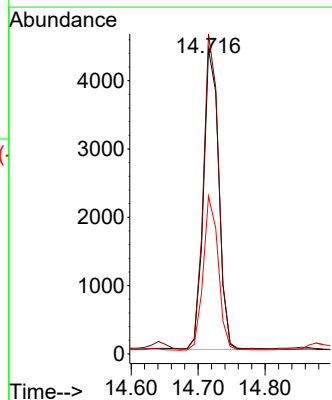
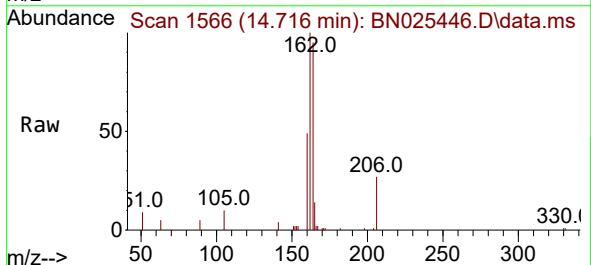
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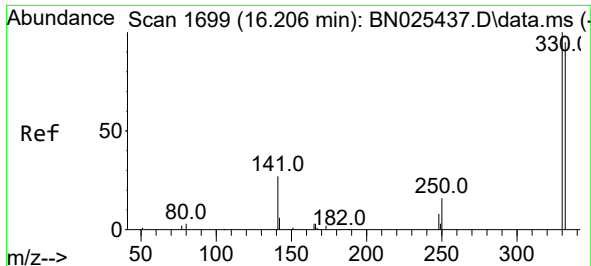
Tgt Ion:152 Resp: 5707
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.716 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

Tgt Ion:164 Resp: 6994
Ion Ratio Lower Upper
164 100
162 105.0 84.8 127.2
160 51.8 40.6 61.0

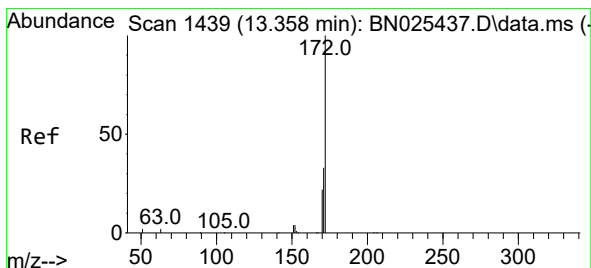
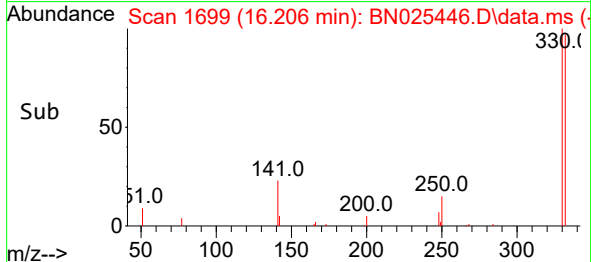
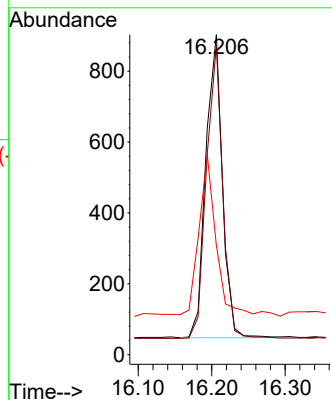
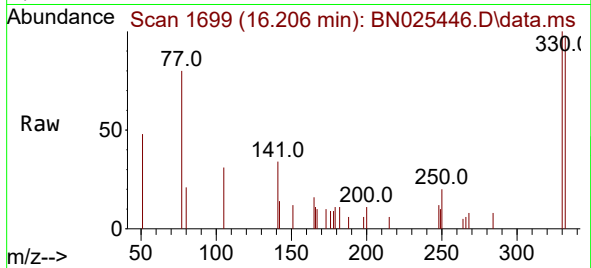




#14
2,4,6-Tribromophenol
Concen: 0.566 ng
RT: 16.206 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

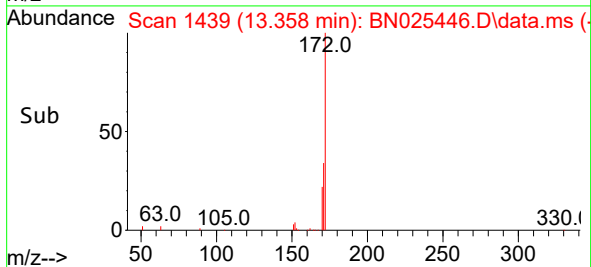
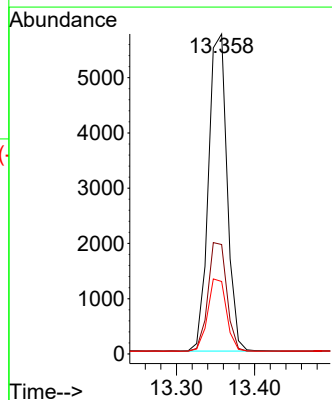
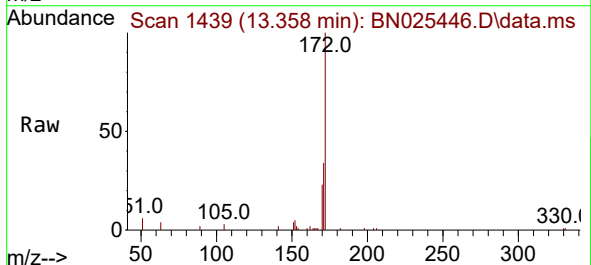
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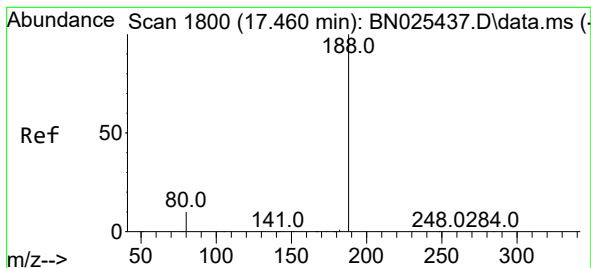
Tgt Ion:330 Resp: 1342
Ion Ratio Lower Upper
330 100
332 94.7 75.5 113.3
141 55.4 35.3 52.9#



#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.358 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

Tgt Ion:172 Resp: 9502
Ion Ratio Lower Upper
172 100
171 34.2 27.0 40.6
170 22.6 18.2 27.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.460 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025446.D

Acq: 16 May 2023 16:48

Instrument :

BNA_N

ClientSampleId :

OWBR-03-128-148-051523

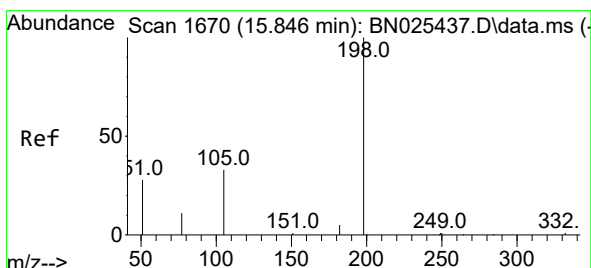
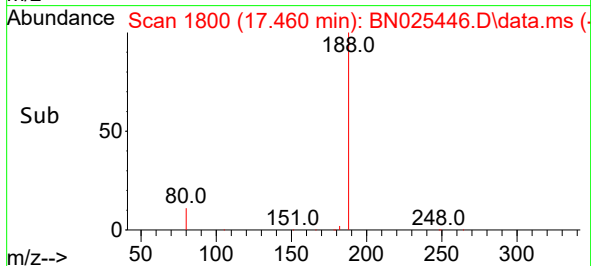
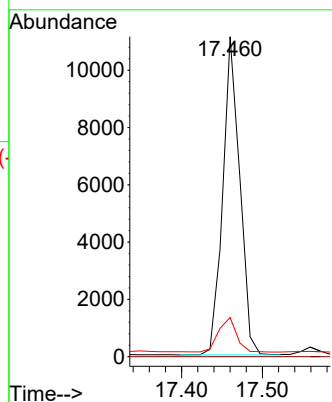
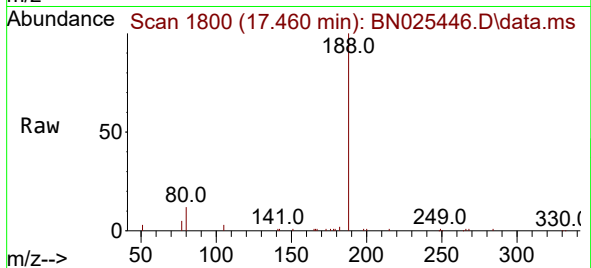
Tgt Ion:188 Resp: 16237

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 8.7 13.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.283 ng

RT: 15.809 min Scan# 1667

Delta R.T. -0.037 min

Lab File: BN025446.D

Acq: 16 May 2023 16:48

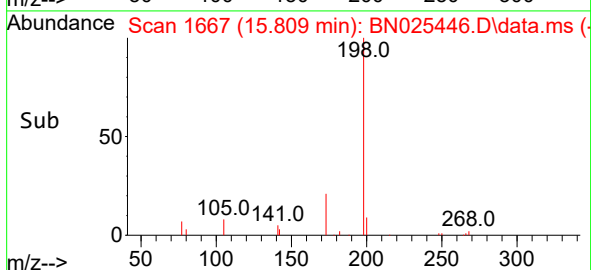
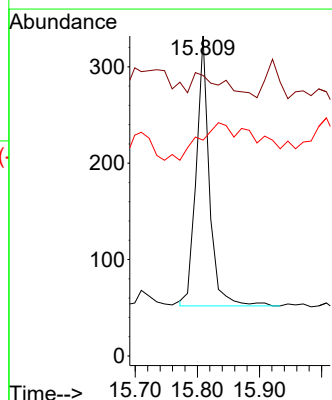
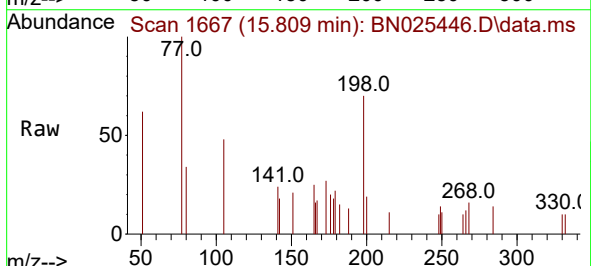
Tgt Ion:198 Resp: 410

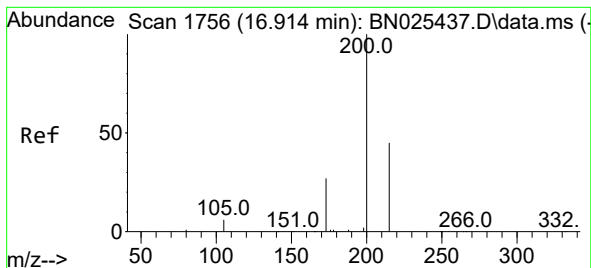
Ion Ratio Lower Upper

198 100

51 87.7 68.5 102.7

105 67.5 57.6 86.4





#23

Atrazine

Concen: 0.073 ng

RT: 16.864 min Scan# 1752

Delta R.T. -0.049 min

Lab File: BN025446.D

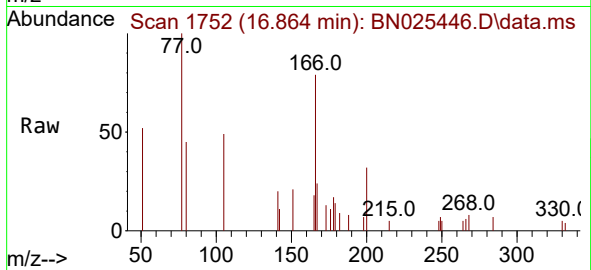
Acq: 16 May 2023 16:48

Instrument :

BNA_N

ClientSampleId :

OWBR-03-128-148-051523



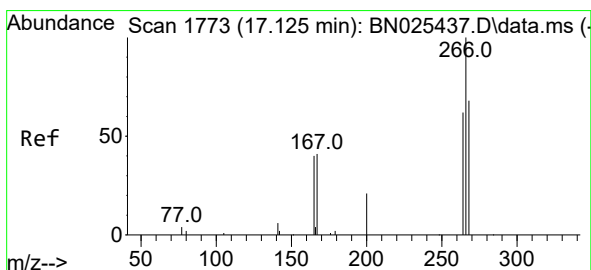
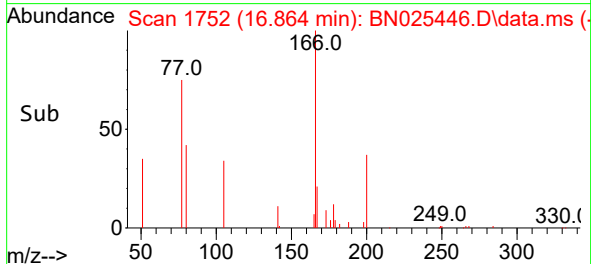
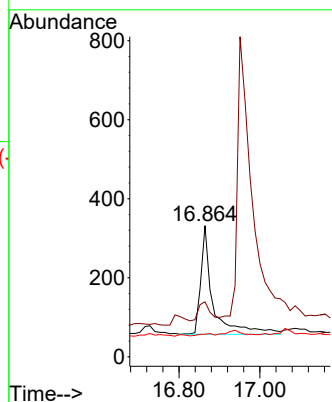
Tgt Ion:200 Resp: 579

Ion Ratio Lower Upper

200 100

173 41.9 22.4 33.6#

215 17.2 36.7 55.1#



#24

Pentachlorophenol

Concen: 0.222 ng

RT: 17.112 min Scan# 1772

Delta R.T. -0.013 min

Lab File: BN025446.D

Acq: 16 May 2023 16:48

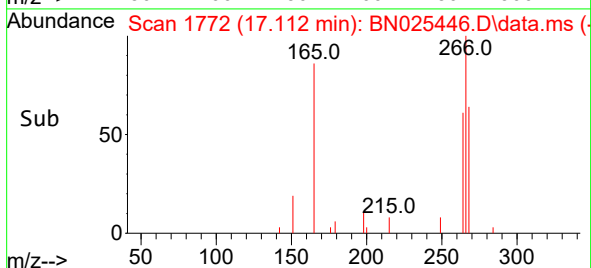
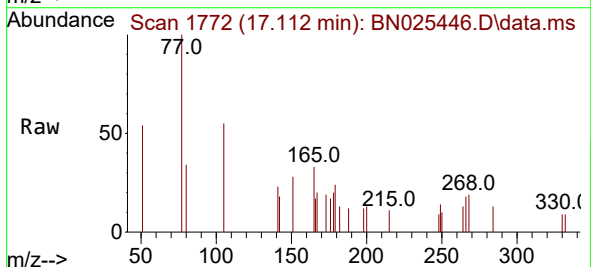
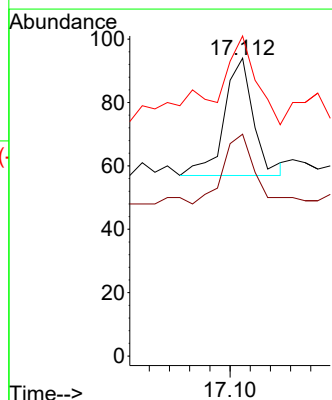
Tgt Ion:266 Resp: 75

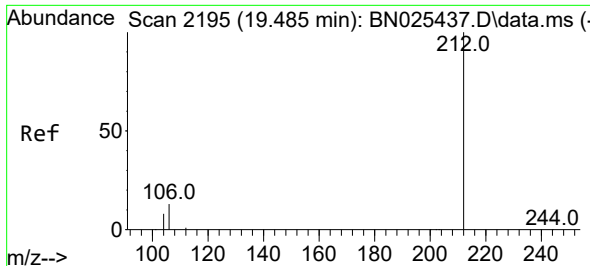
Ion Ratio Lower Upper

266 100

264 65.3 49.5 74.3

268 94.7 51.0 76.4#

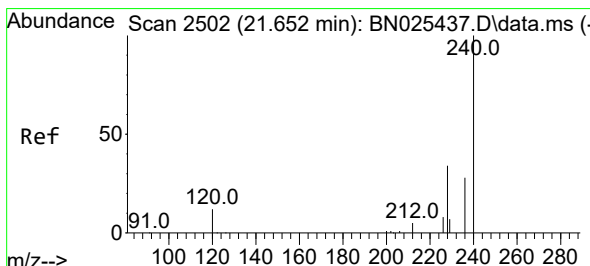
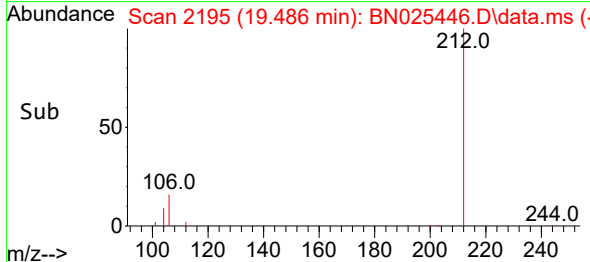
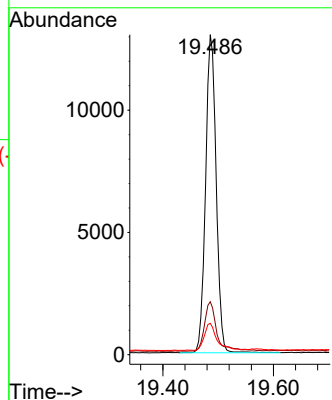
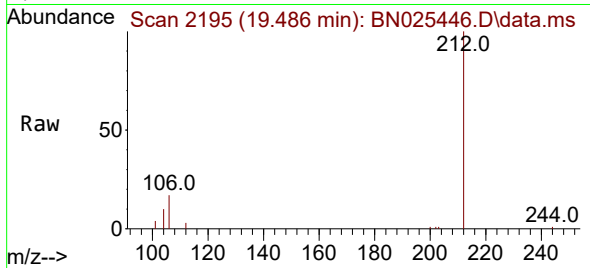




#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.486 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

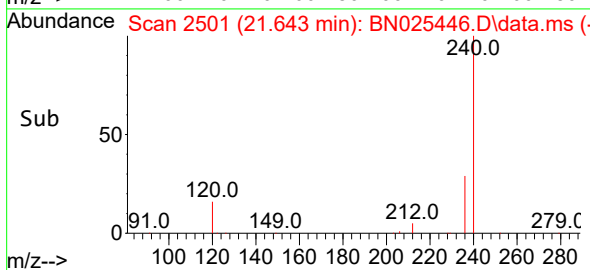
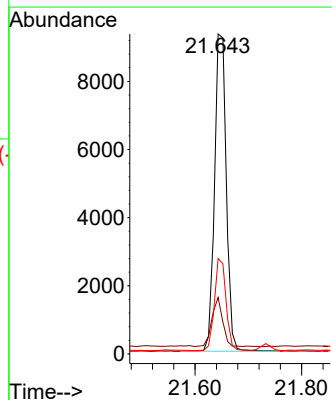
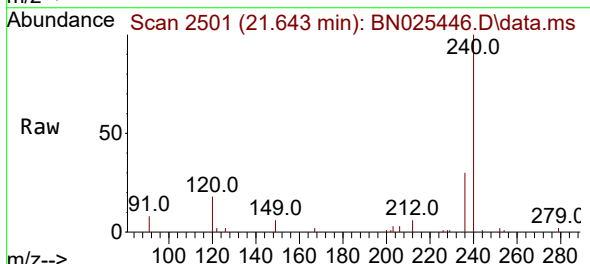
Instrument :
BNA_N
ClientSampleId :
OWBR-03-128-148-051523

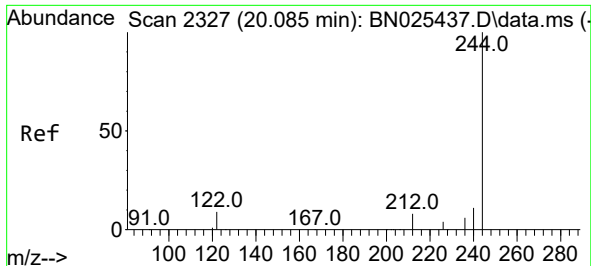
Tgt Ion:212 Resp: 17279
Ion Ratio Lower Upper
212 100
106 17.9 11.1 16.7#
104 10.3 6.6 10.0#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN025446.D
Acq: 16 May 2023 16:48

Tgt Ion:240 Resp: 14221
Ion Ratio Lower Upper
240 100
120 17.7 11.6 17.4#
236 29.8 22.9 34.3

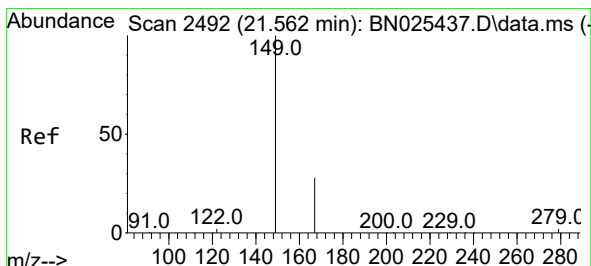
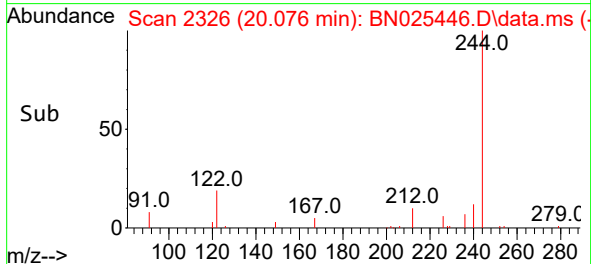
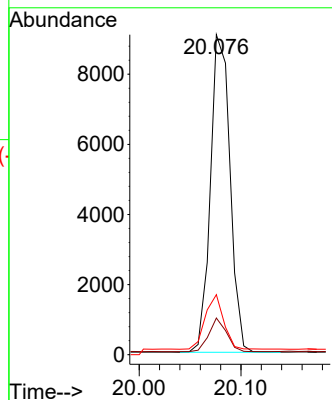
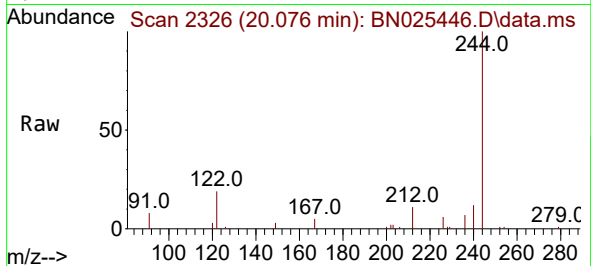




#31
 Terphenyl-d14
 Concen: 0.470 ng
 RT: 20.076 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN025446.D
 Acq: 16 May 2023 16:48

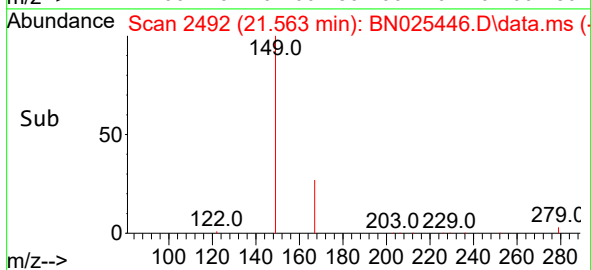
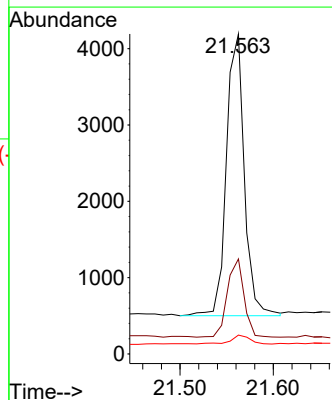
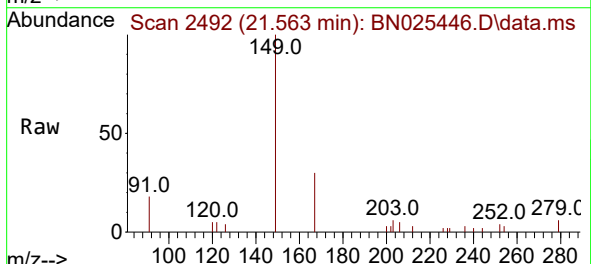
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-03-128-148-051523

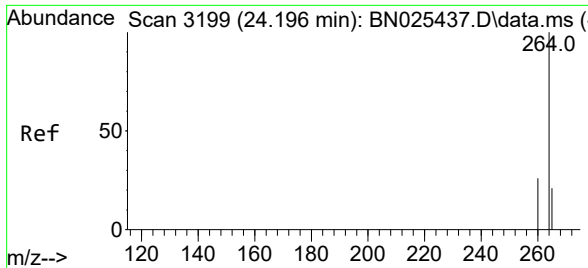
Tgt Ion:244 Resp: 12149
 Ion Ratio Lower Upper
 244 100
 212 11.4 6.9 10.3#
 122 18.7 7.4 11.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.168 ng
 RT: 21.563 min Scan# 2492
 Delta R.T. 0.000 min
 Lab File: BN025446.D
 Acq: 16 May 2023 16:48

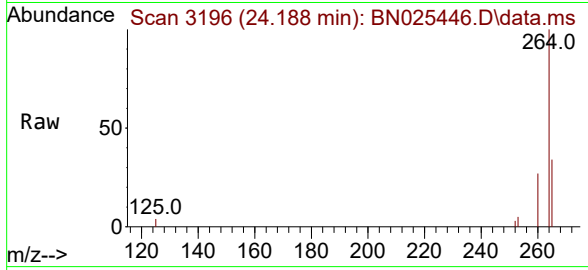
Tgt Ion:149 Resp: 4920
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.2 33.4
 279 3.3 2.5 3.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.188 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN025446.D
 Acq: 16 May 2023 16:48

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-03-128-148-051523



Tgt Ion: 264 Resp: 15320

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.0	31.6
265	33.6	25.5	38.3

