

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101022\
 Data File : BN022044.D
 Acq On : 10 Oct 2022 18:33
 Operator : CG/JU
 Sample : N5058-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-808-810

Quant Time: Oct 11 04:44:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 04:42:07 2022
 Response via : Initial Calibration

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

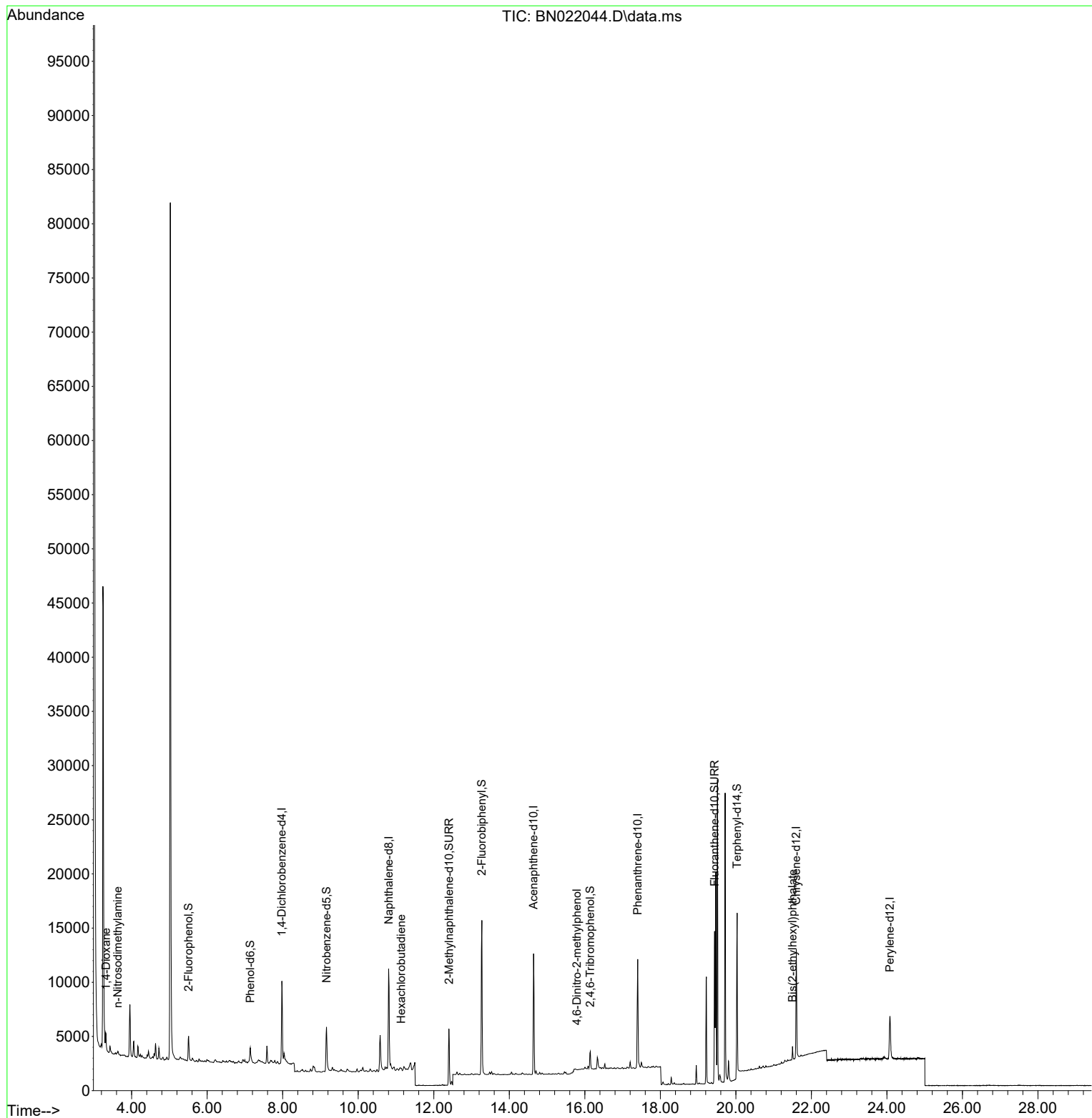
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	3991	0.400	ng	0.00
7) Naphthalene-d8	10.805	136	12458	0.400	ng	# 0.00
13) Acenaphthene-d10	14.642	164	6340	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	12946	0.400	ng	# 0.00
29) Chrysene-d12	21.600	240	9093	0.400	ng	# 0.00
35) Perylene-d12	24.078	264	6375	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.508	112	2064	0.223	ng	0.00
5) Phenol-d6	7.140	99	1630	0.136	ng	0.00
8) Nitrobenzene-d5	9.161	82	4073	0.407	ng	0.01
11) 2-Methylnaphthalene-d10	12.402	152	7367	0.322	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	967	0.400	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	12659	0.457	ng	0.00
27) Fluoranthene-d10	19.437	212	15580	0.453	ng	0.00
31) Terphenyl-d14	20.033	244	10234	0.560	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	819	0.159	ng	# 69
3) n-Nitrosodimethylamine	3.630	42	154	0.027	ng	# 1
10) Hexachlorobutadiene	11.136	225	147	0.023	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.786	198	7	0.195	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.501	149	1190	0.073	ng	# 98

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

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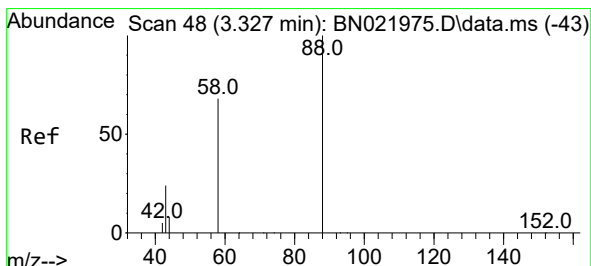
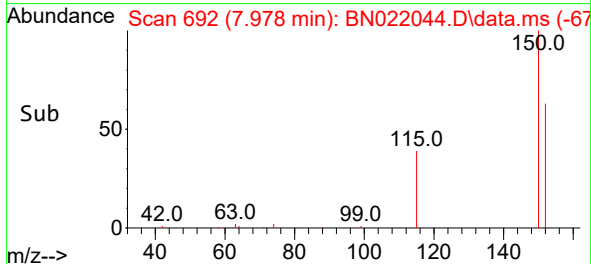
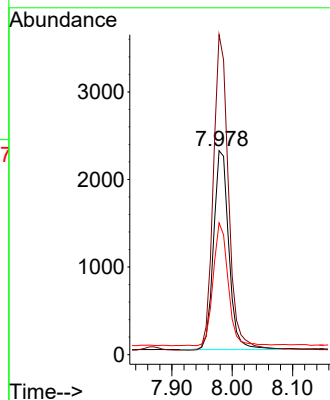
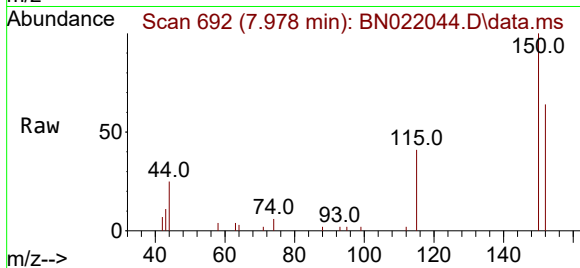




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.978 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN022044.D
 Acq: 10 Oct 2022 18:33

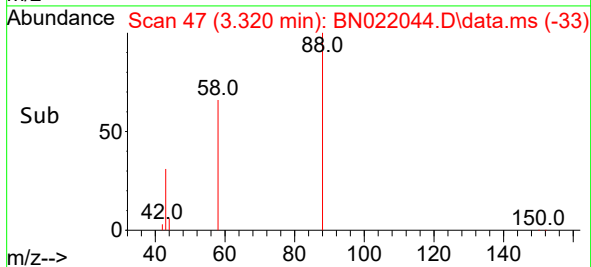
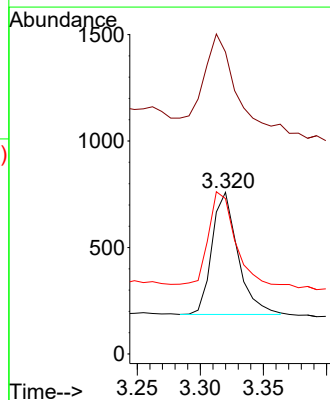
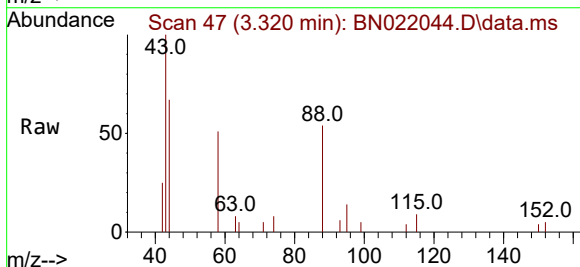
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-808-810

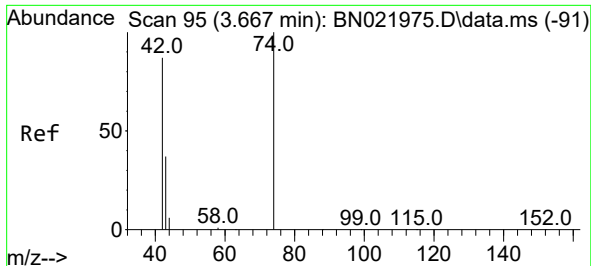
Tgt Ion:152 Resp: 3991
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.2 190.8
 115 64.6 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.159 ng
 RT: 3.320 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: BN022044.D
 Acq: 10 Oct 2022 18:33

Tgt Ion: 88 Resp: 819
 Ion Ratio Lower Upper
 88 100
 43 82.2 22.6 34.0#
 58 76.2 58.6 88.0

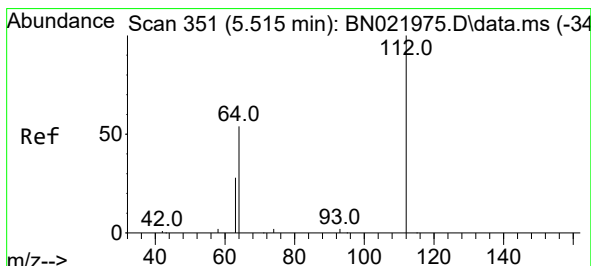
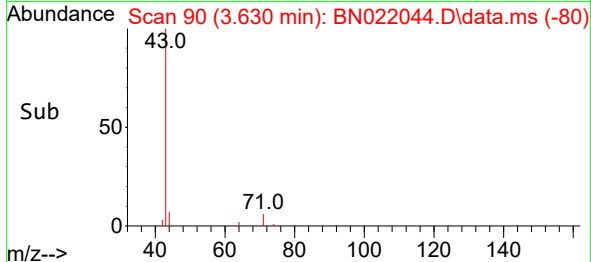
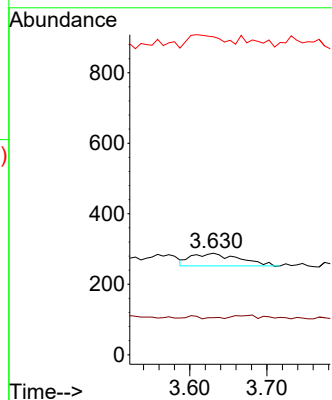
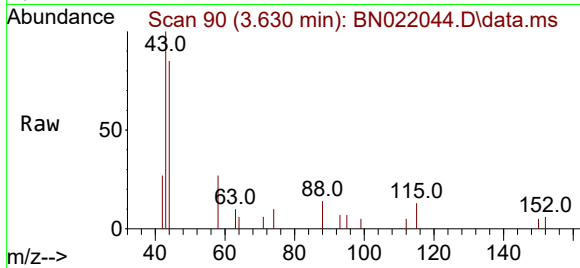




#3
 n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.630 min Scan# 90
 Delta R.T. -0.029 min
 Lab File: BN022044.D
 Acq: 10 Oct 2022 18:33

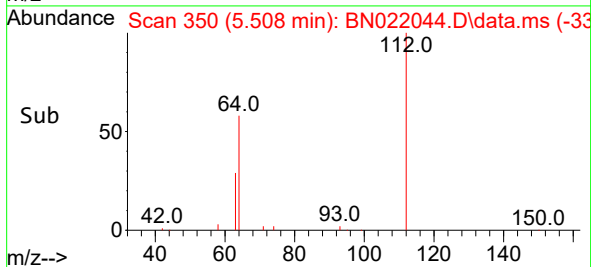
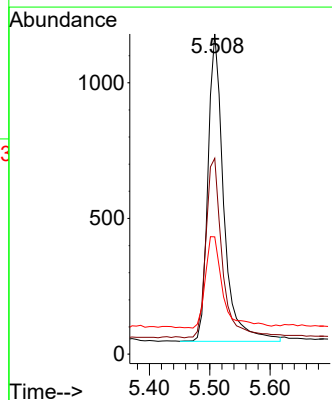
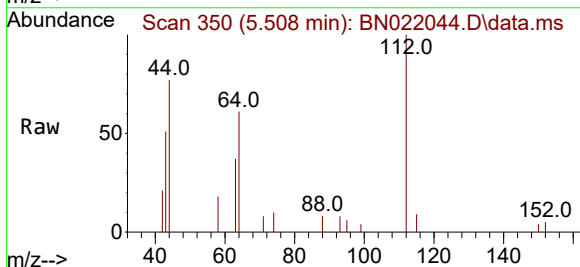
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-808-810

Tgt Ion: 42 Resp: 154
 Ion Ratio Lower Upper
 42 100
 74 0.0 101.6 152.4#
 44 0.0 10.4 15.6#



#4
 2-Fluorophenol
 Concen: 0.223 ng
 RT: 5.508 min Scan# 350
 Delta R.T. 0.007 min
 Lab File: BN022044.D
 Acq: 10 Oct 2022 18:33

Tgt Ion: 112 Resp: 2064
 Ion Ratio Lower Upper
 112 100
 64 61.1 46.9 70.3
 63 32.7 24.6 37.0

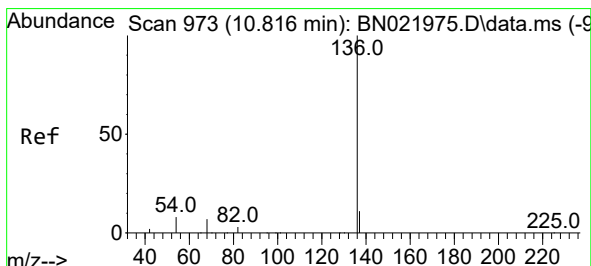
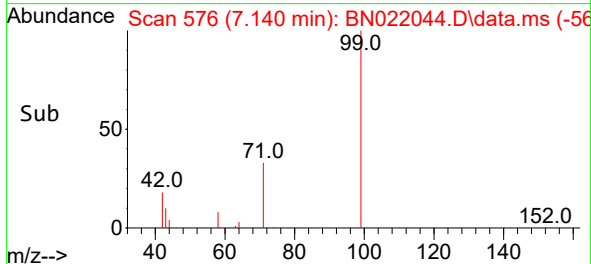
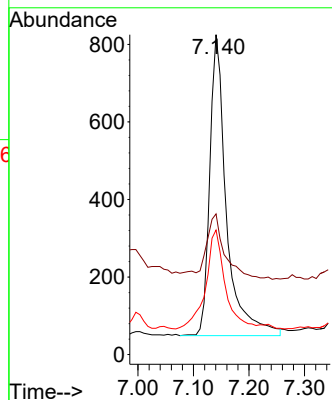
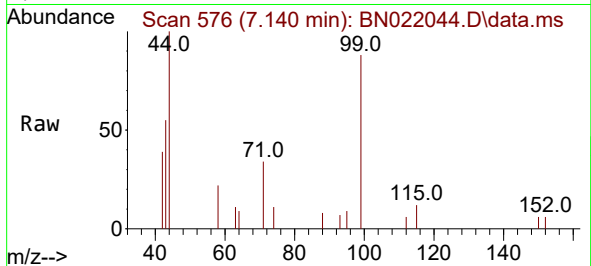




#5
Phenol-d6
Concen: 0.136 ng
RT: 7.140 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

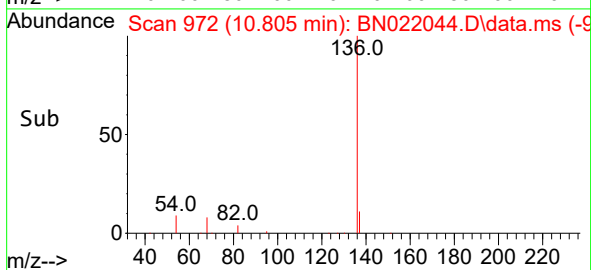
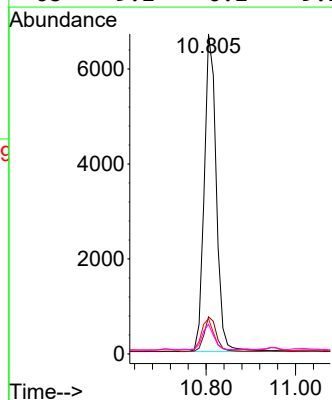
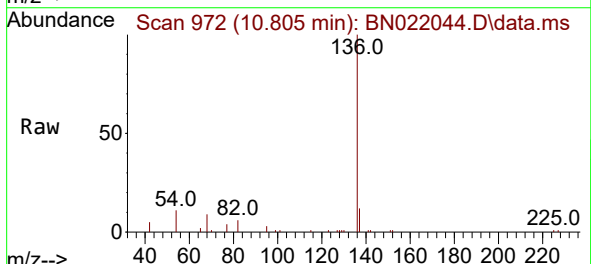
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

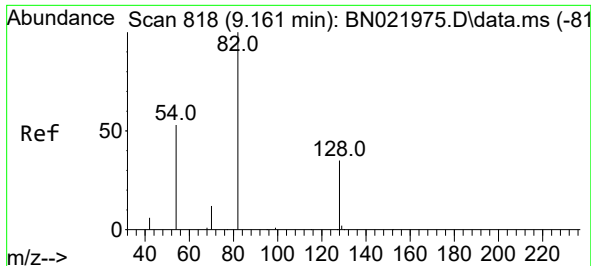
Tgt Ion:	99	Resp:	1630
Ion	Ratio	Lower	Upper
99	100		
42	23.1	15.9	23.9
71	38.3	25.6	38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.805 min Scan# 972
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion:	136	Resp:	12458
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	11.0	7.1	10.7#
68	9.2	6.2	9.2

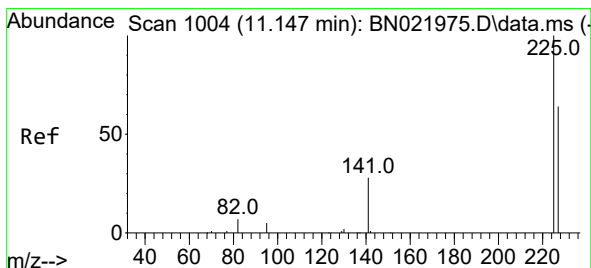
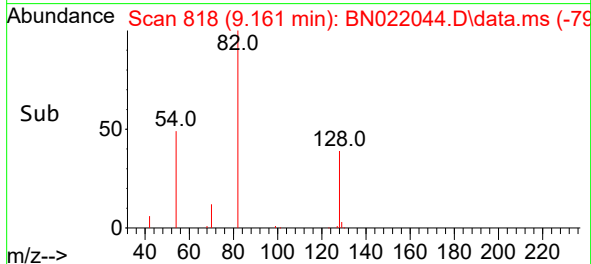
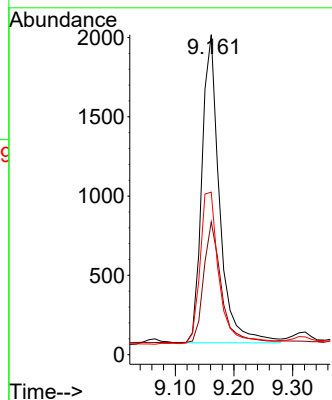
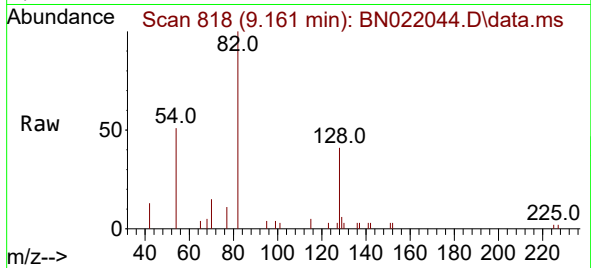




#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 9.161 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

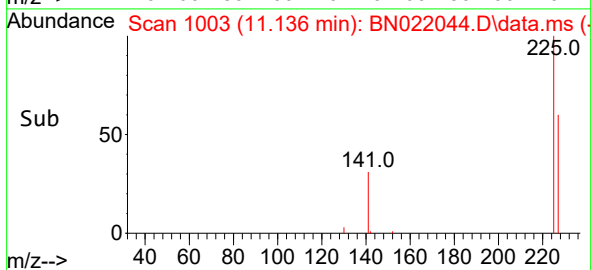
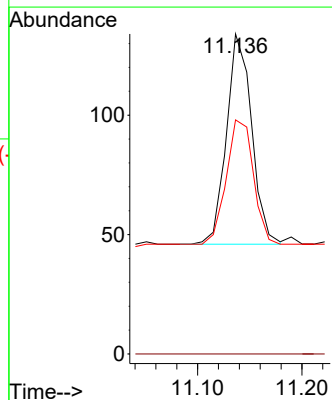
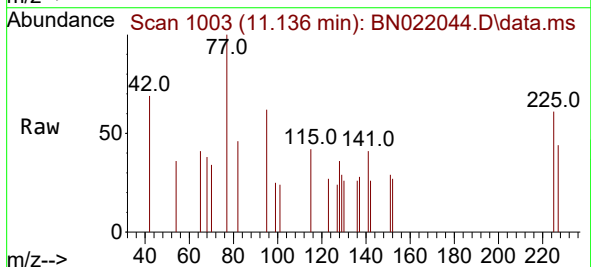
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

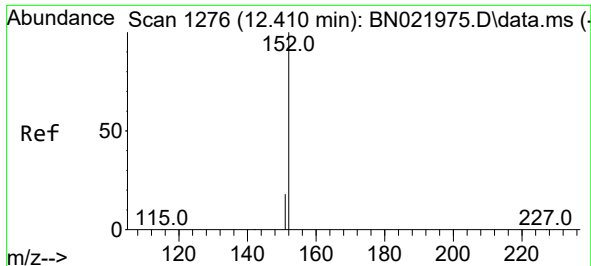
Tgt Ion: 82 Resp: 4073
Ion Ratio Lower Upper
82 100
128 41.5 29.9 44.9
54 50.8 43.5 65.3



#10
Hexachlorobutadiene
Concen: 0.023 ng
RT: 11.136 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion: 225 Resp: 147
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 51.3 76.9





#11

2-Methylnaphthalene-d10

Concen: 0.322 ng

RT: 12.402 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN022044.D

Acq: 10 Oct 2022 18:33

Instrument :

BNA_N

ClientSampleId :

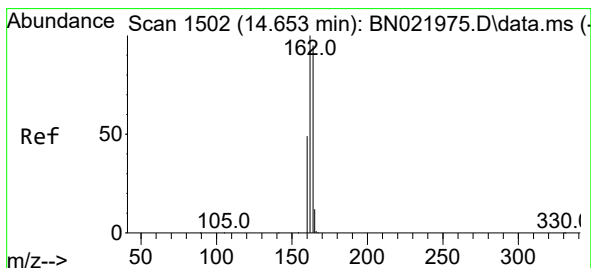
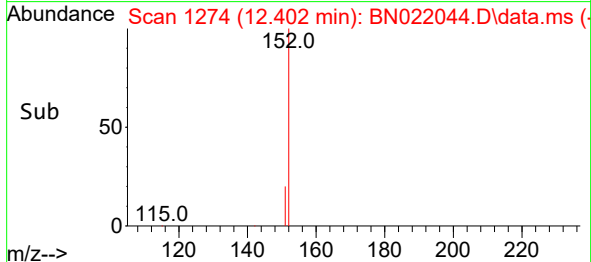
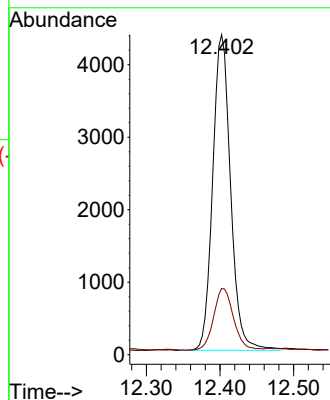
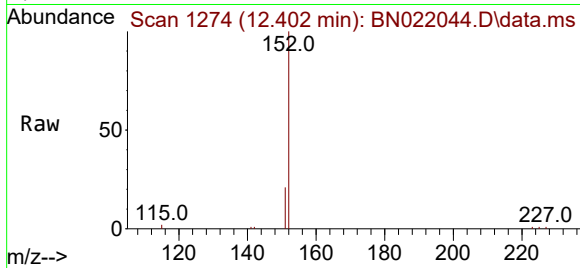
BP-VPB-RW5-GW-808-810

Tgt Ion:152 Resp: 7367

Ion Ratio Lower Upper

152 100

151 21.8 13.8 20.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.642 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BN022044.D

Acq: 10 Oct 2022 18:33

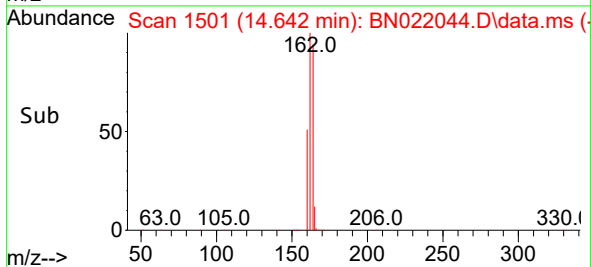
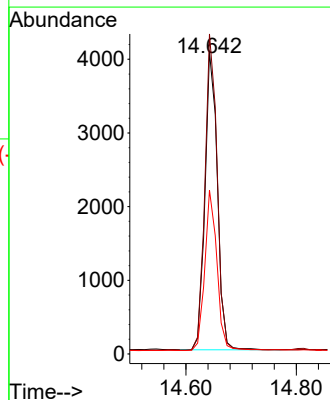
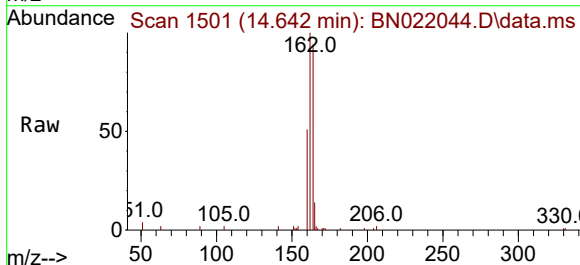
Tgt Ion:164 Resp: 6340

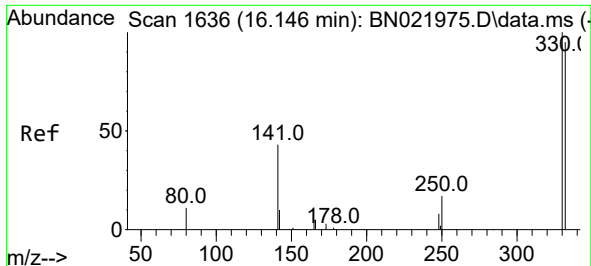
Ion Ratio Lower Upper

164 100

162 106.0 84.3 126.5

160 54.3 41.7 62.5

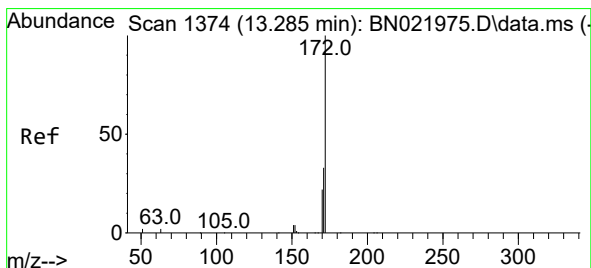
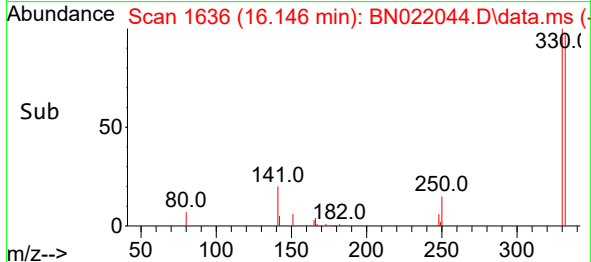
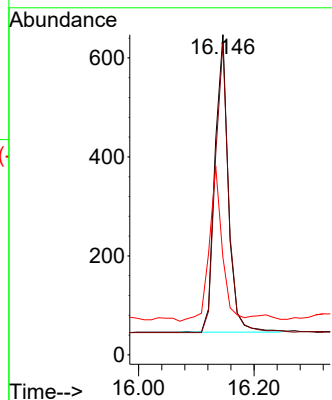
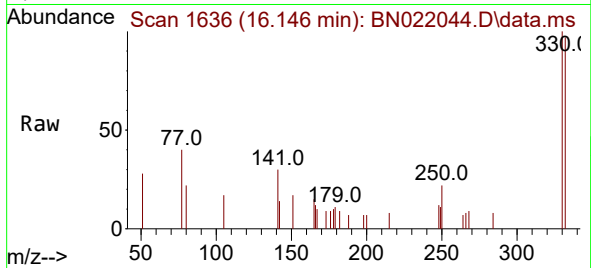




#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 16.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

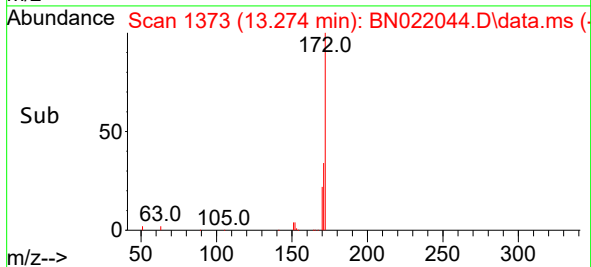
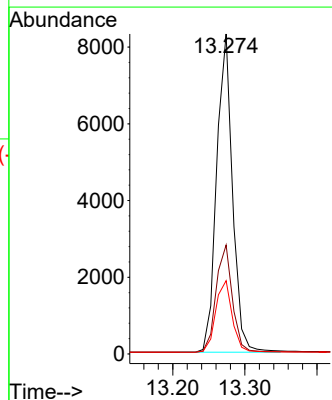
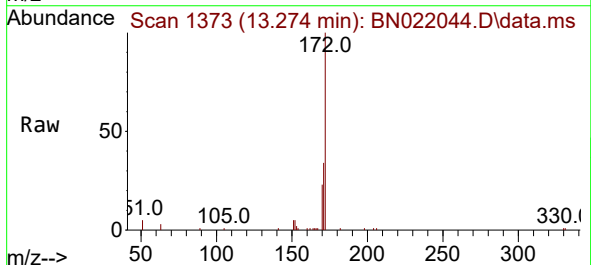
Instrument :
BNA_N
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BP-VPB-RW5-GW-808-810

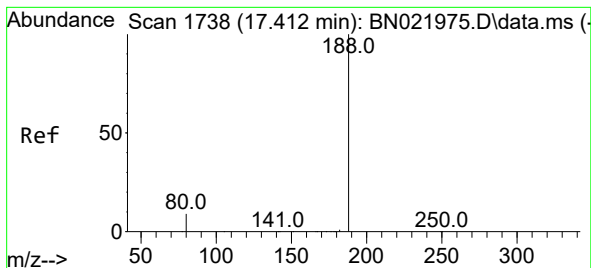
Tgt Ion:330 Resp: 967
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 50.6 35.3 52.9



#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 13.274 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion:172 Resp: 12659
Ion Ratio Lower Upper
172 100
171 34.1 27.2 40.8
170 22.9 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN022044.D

Acq: 10 Oct 2022 18:33

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-808-810

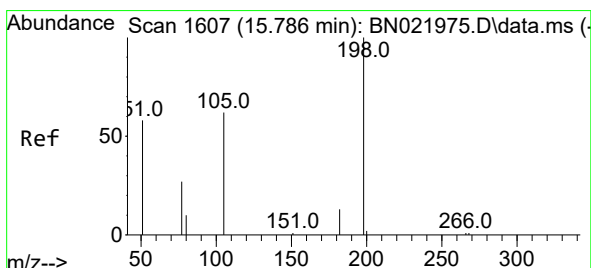
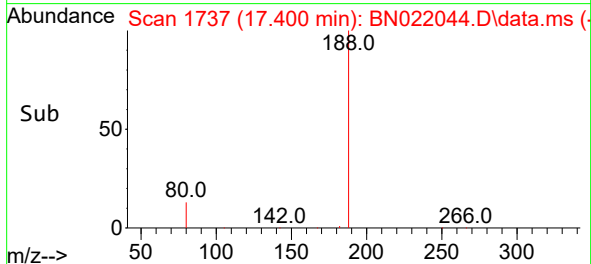
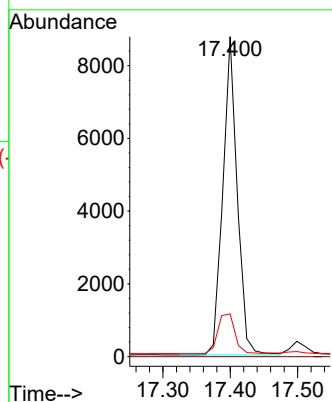
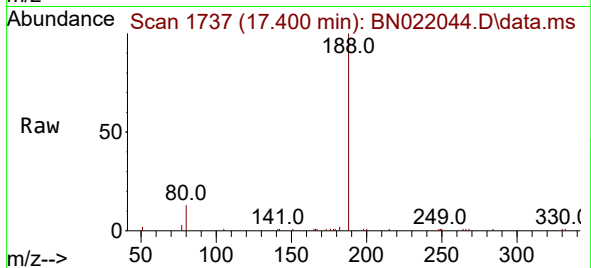
Tgt Ion:188 Resp: 12946

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.4 7.5 11.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.195 ng

RT: 15.786 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BN022044.D

Acq: 10 Oct 2022 18:33

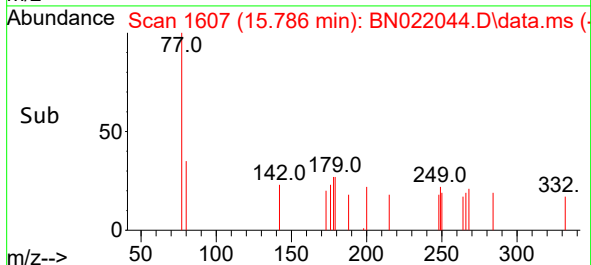
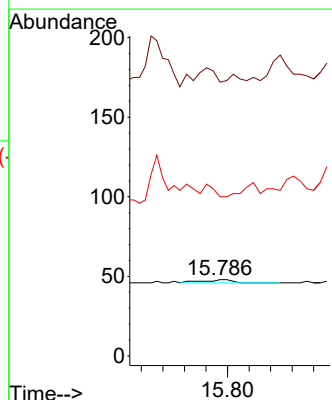
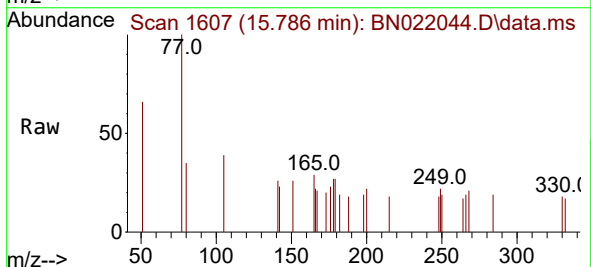
Tgt Ion:198 Resp: 7

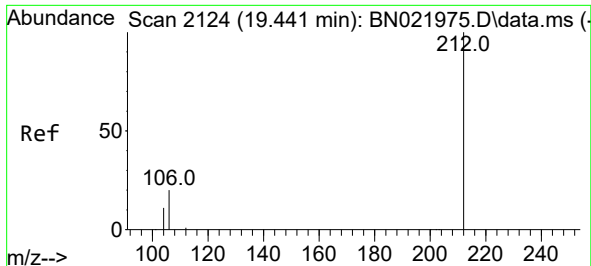
Ion Ratio Lower Upper

198 100

51 358.3 96.6 144.8#

105 208.3 64.4 96.6#

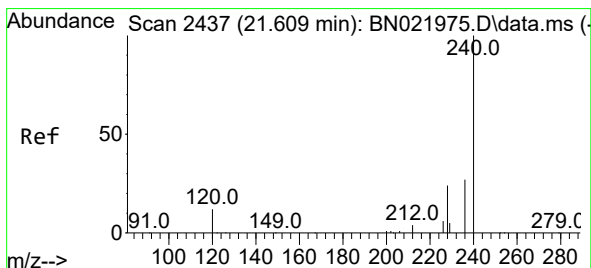
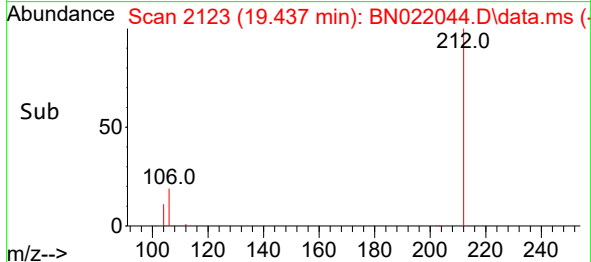
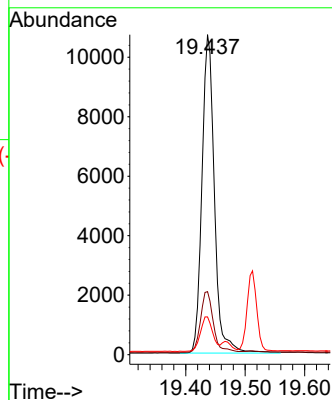
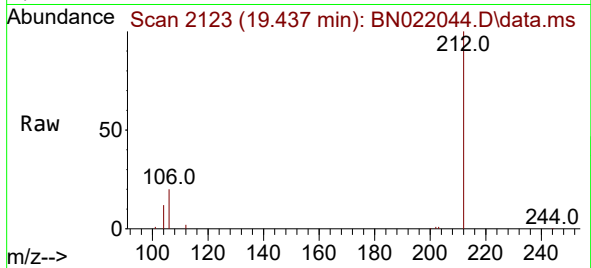




#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.437 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

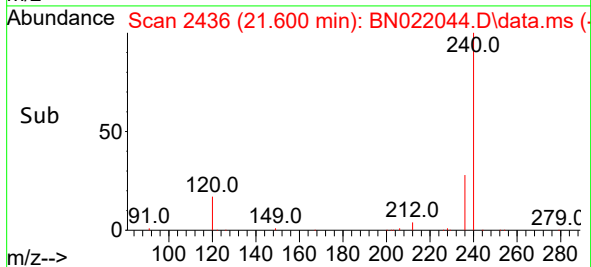
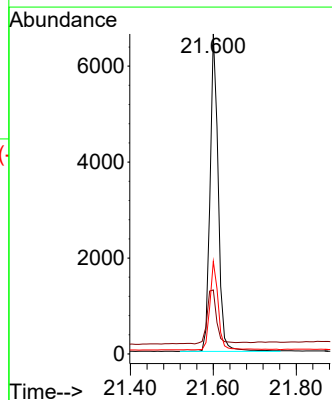
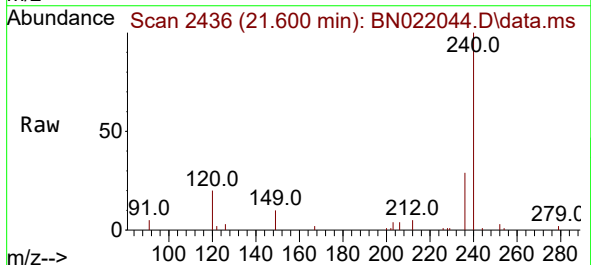
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-808-810

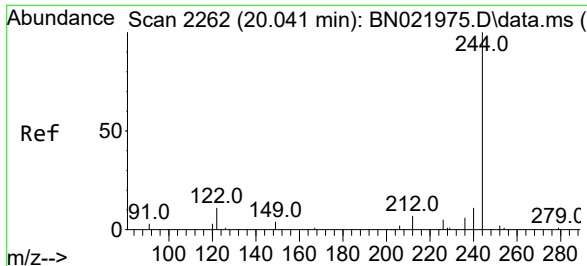
Tgt Ion:212 Resp: 15580
Ion Ratio Lower Upper
212 100
106 19.5 15.2 22.8
104 10.9 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.600 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BN022044.D
Acq: 10 Oct 2022 18:33

Tgt Ion:240 Resp: 9093
Ion Ratio Lower Upper
240 100
120 20.0 11.8 17.6#
236 28.9 22.4 33.6

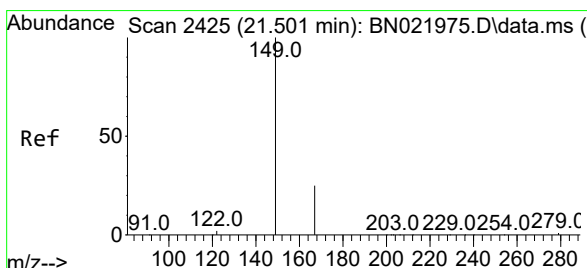
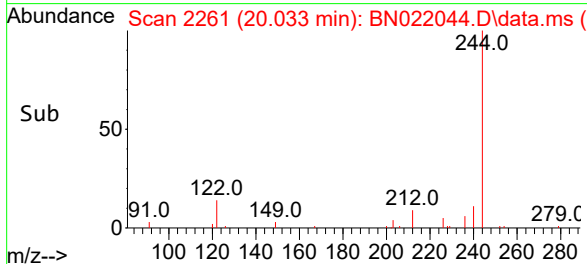
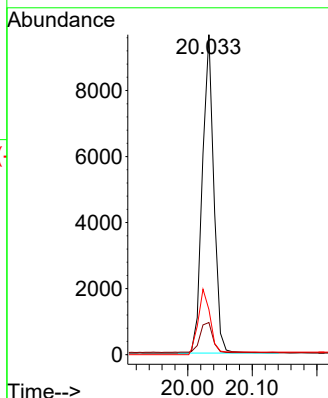
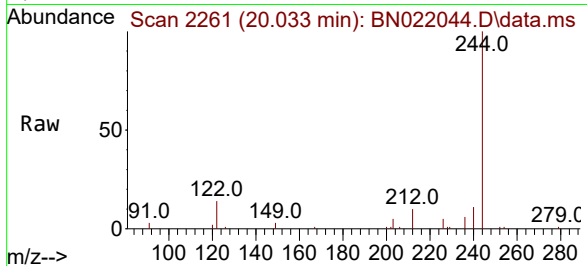




#31
 Terphenyl-d14
 Concen: 0.560 ng
 RT: 20.033 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022044.D
 Acq: 10 Oct 2022 18:33

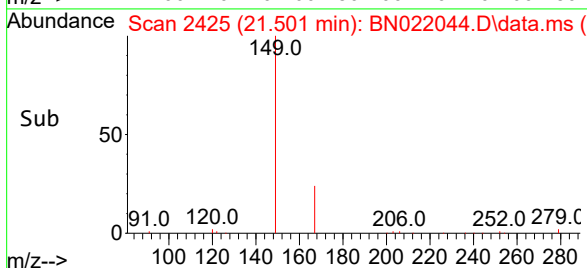
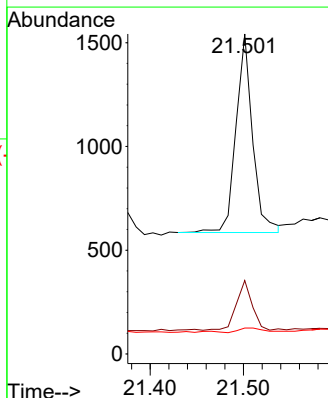
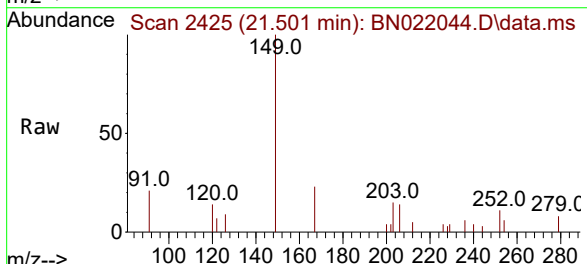
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-808-810

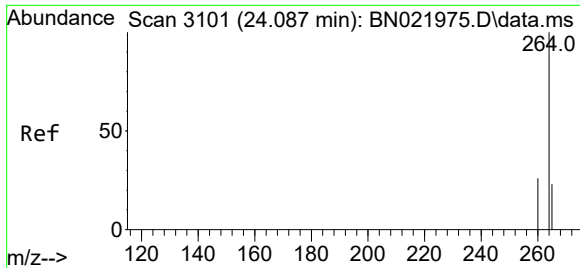
Tgt Ion:244 Resp: 10234
 Ion Ratio Lower Upper
 244 100
 212 10.0 6.5 9.7#
 122 14.1 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.501 min Scan# 2425
 Delta R.T. -0.009 min
 Lab File: BN022044.D
 Acq: 10 Oct 2022 18:33

Tgt Ion:149 Resp: 1190
 Ion Ratio Lower Upper
 149 100
 167 24.1 20.2 30.4
 279 3.7 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.078 min Scan# 30

Delta R.T. -0.009 min

Lab File: BN022044.D

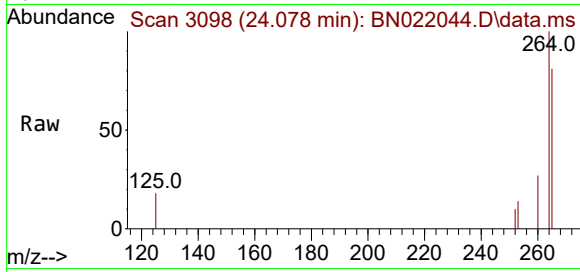
Acq: 10 Oct 2022 18:33

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-808-810



Tgt Ion:264 Resp: 6375

Ion Ratio Lower Upper

264 100

260 27.2 21.3 31.9

265 81.3 63.0 94.4

