

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
 Data File : BN024744.D
 Acq On : 04 Apr 2023 01:16
 Operator : CG/JU
 Sample : 02101-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-85-90-032423

Quant Time: Apr 04 03:59:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 03:11:39 2023
 Response via : Initial Calibration

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

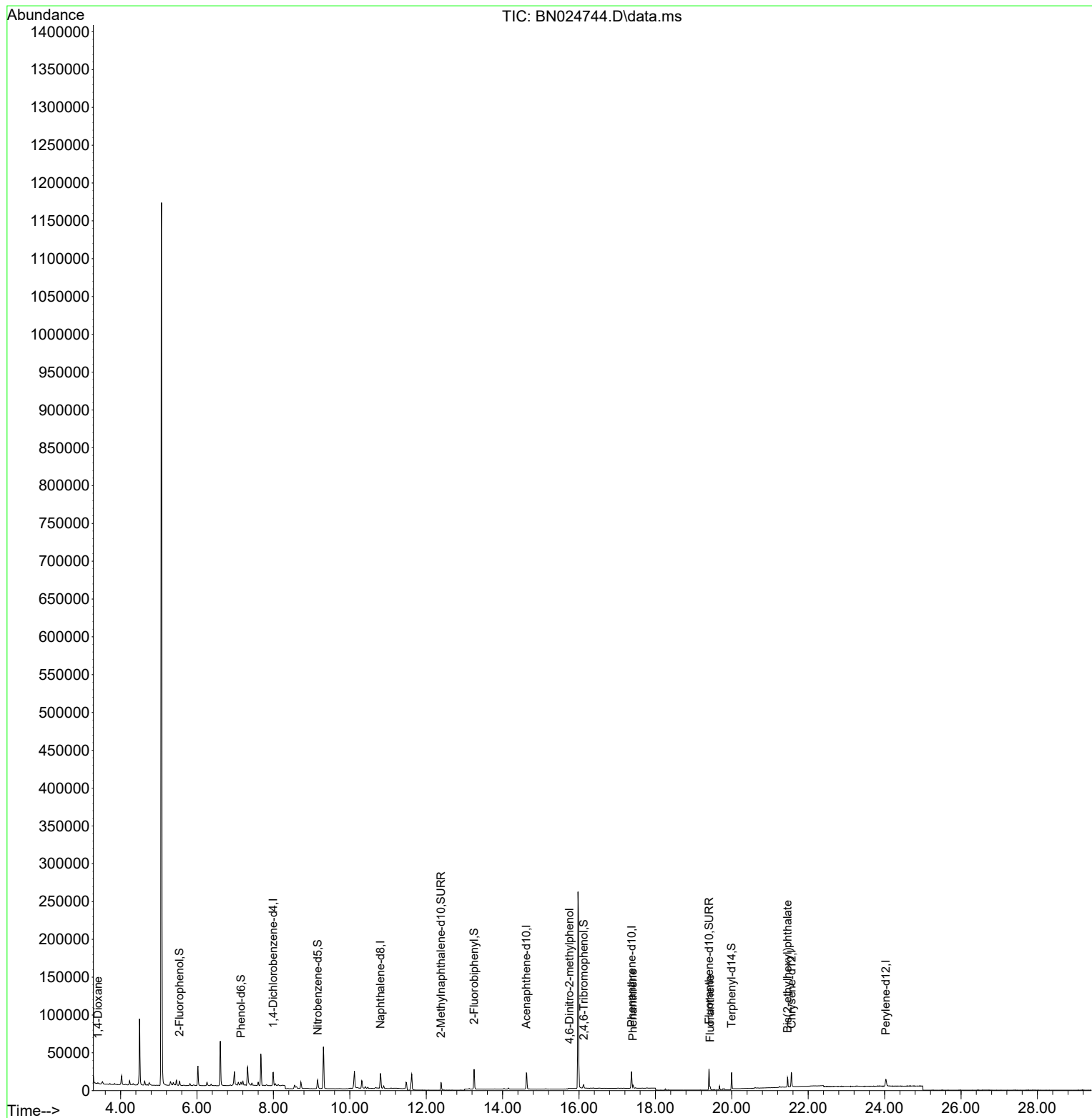
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	8849	0.400	ng	0.00
7) Naphthalene-d8	10.802	136	25508	0.400	ng	0.00
13) Acenaphthene-d10	14.622	164	13409	0.400	ng	-0.01
19) Phenanthrene-d10	17.376	188	28446	0.400	ng	0.00
29) Chrysene-d12	21.565	240	18459	0.400	ng	0.00
35) Perylene-d12	24.033	264	13889	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.541	112	4135	0.205	ng	0.00
5) Phenol-d6	7.152	99	3339	0.132	ng	0.00
8) Nitrobenzene-d5	9.158	82	8082	0.406	ng	0.00
11) 2-Methylnaphthalene-d10	12.388	152	13590	0.416	ng	0.00
14) 2,4,6-Tribromophenol	16.122	330	2721	0.471	ng	0.00
15) 2-Fluorobiphenyl	13.254	172	21208	0.405	ng	0.00
27) Fluoranthene-d10	19.404	212	28497	0.473	ng	0.00
31) Terphenyl-d14	19.994	244	30374	0.569	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	647	0.071	ng	# 25
20) 4,6-Dinitro-2-methylph...	15.750	198	7	0.255	ng	# 1
25) Phenanthrene	17.413	178	4148	0.050	ng	97
28) Fluoranthene	19.433	202	3343	0.038	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.458	149	12220	0.461	ng	100

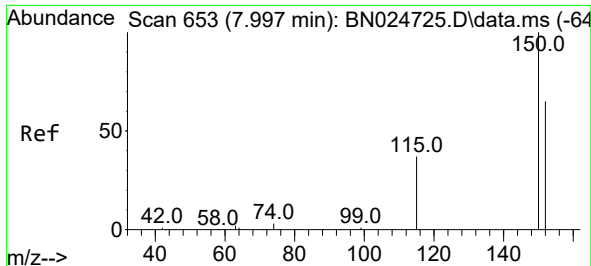
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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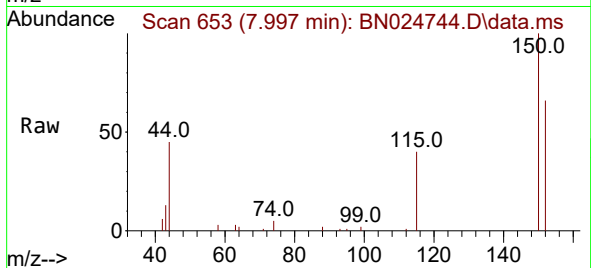
Quant Time: Apr 04 03:59:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
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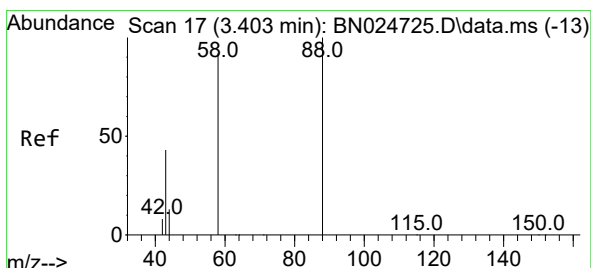
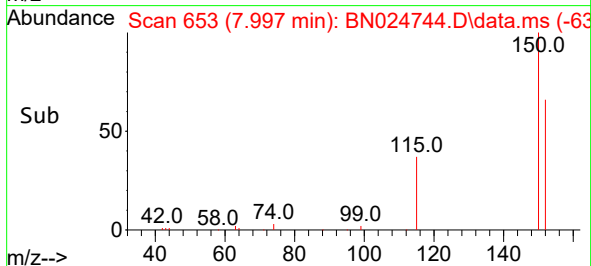
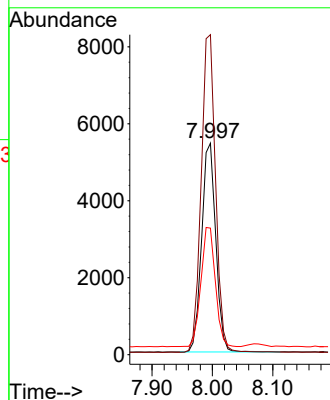


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.997 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024744.D
 Acq: 04 Apr 2023 01:16

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-85-90-032423

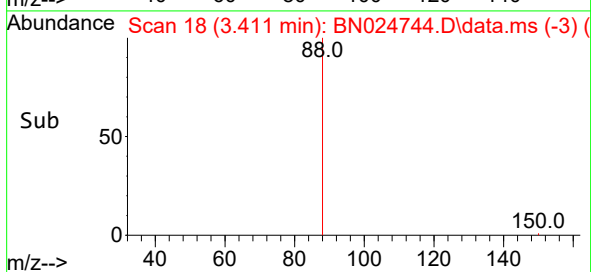
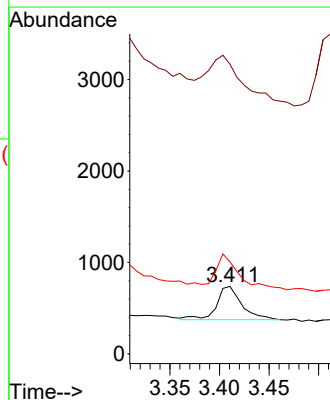
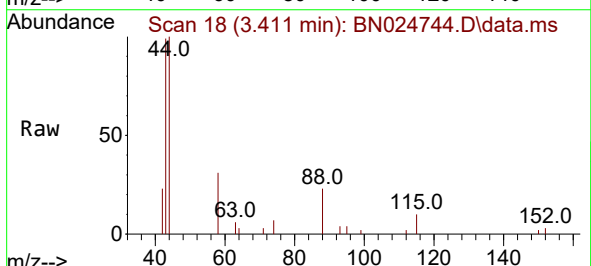


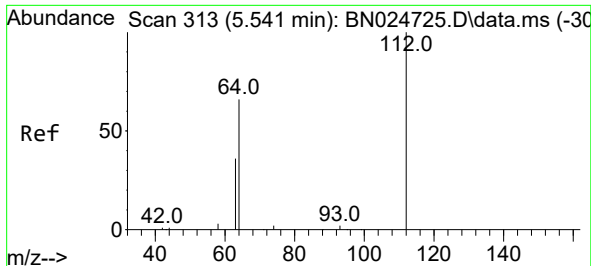
Tgt Ion:152 Resp: 8849
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.0 184.4
 115 59.9 48.7 73.1



#2
 1,4-Dioxane
 Concen: 0.071 ng
 RT: 3.411 min Scan# 18
 Delta R.T. 0.007 min
 Lab File: BN024744.D
 Acq: 04 Apr 2023 01:16

Tgt Ion: 88 Resp: 647
 Ion Ratio Lower Upper
 88 100
 43 179.4 32.8 49.2#
 58 83.0 73.0 109.6

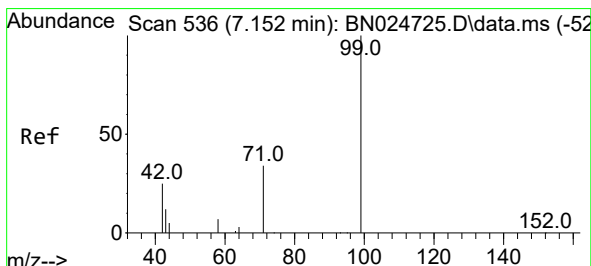
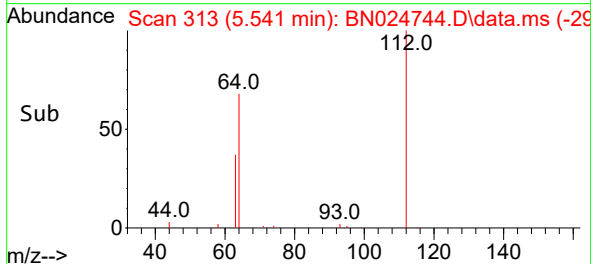
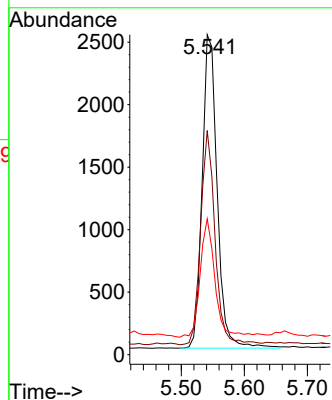
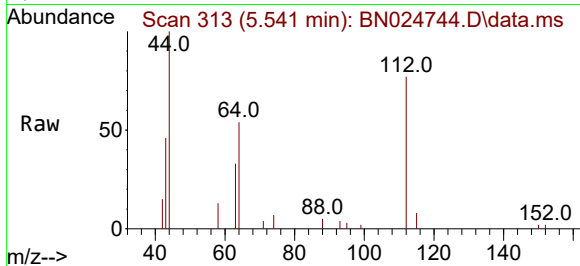




#4
2-Fluorophenol
Concen: 0.205 ng
RT: 5.541 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

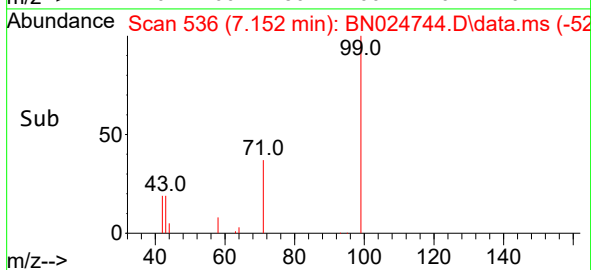
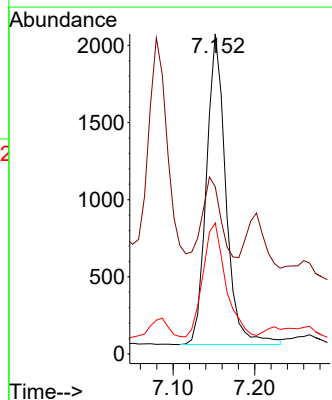
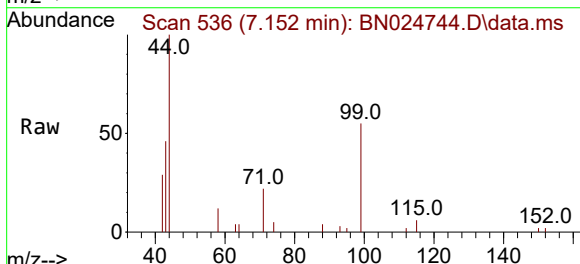
Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423

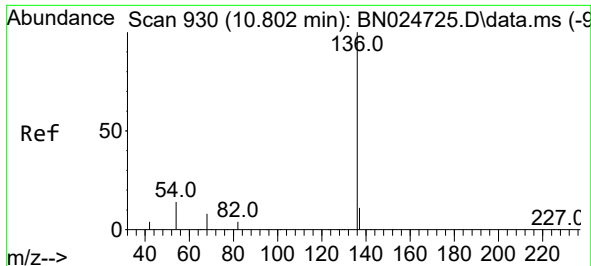
Tgt Ion:112 Resp: 4135
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 37.8 28.7 43.1



#5
Phenol-d6
Concen: 0.132 ng
RT: 7.152 min Scan# 536
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

Tgt Ion: 99 Resp: 3339
Ion Ratio Lower Upper
99 100
42 26.1 23.7 35.5
71 42.6 28.2 42.4#

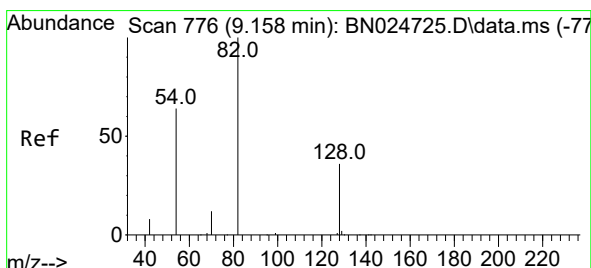
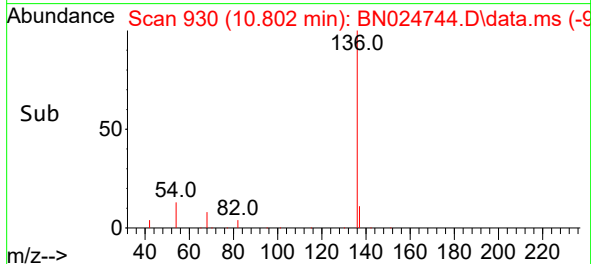
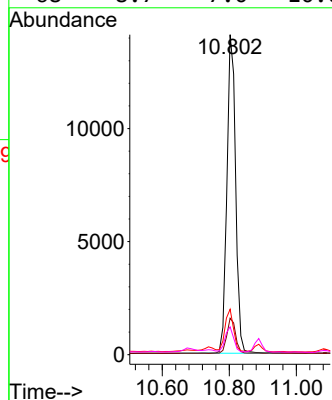
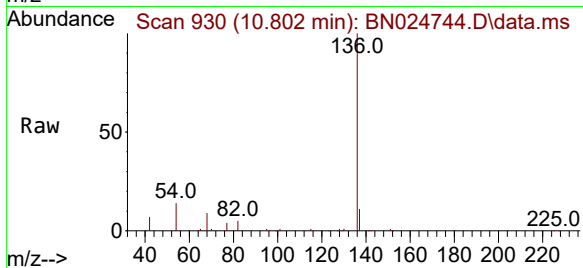




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.802 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

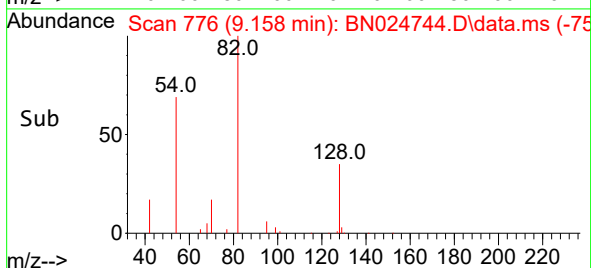
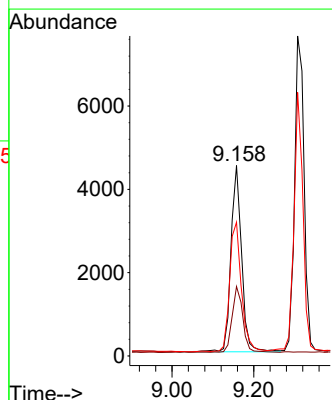
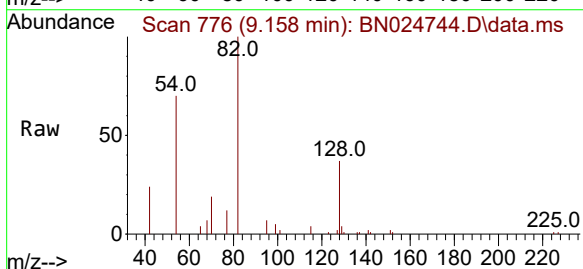
Instrument :
BNA_N
ClientSampleId :
GWCB-05-85-90-032423

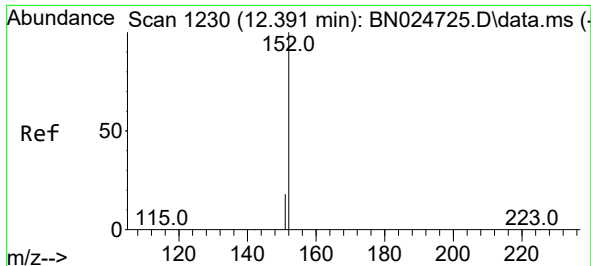
Tgt Ion:	136	Resp:	25508
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	14.2	11.4	17.0
68	8.7	7.0	10.6



#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 9.158 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

Tgt Ion:	82	Resp:	8082
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.4	44.2
54	70.3	51.3	76.9





#11

2-Methylnaphthalene-d10

Concen: 0.416 ng

RT: 12.388 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN024744.D

Acq: 04 Apr 2023 01:16

Instrument :

BNA_N

ClientSampleId :

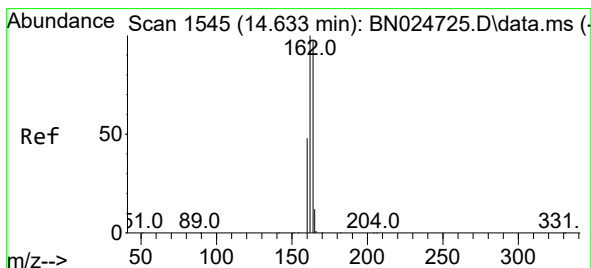
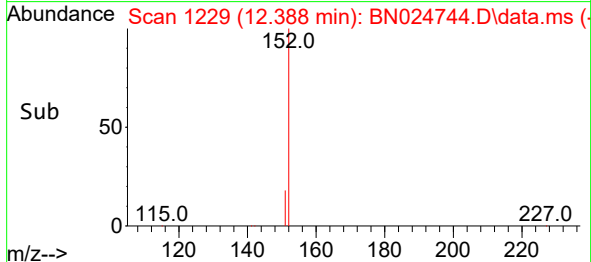
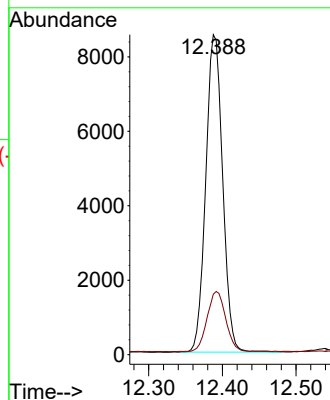
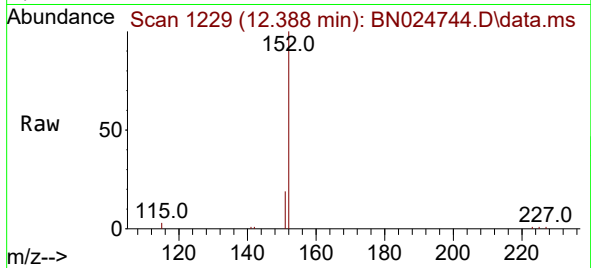
GWCB-05-85-90-032423

Tgt Ion:152 Resp: 13590

Ion Ratio Lower Upper

152 100

151 21.0 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.622 min Scan# 1544

Delta R.T. -0.011 min

Lab File: BN024744.D

Acq: 04 Apr 2023 01:16

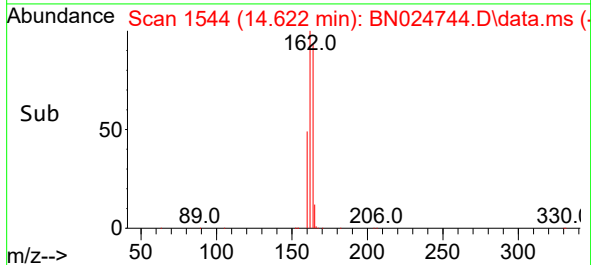
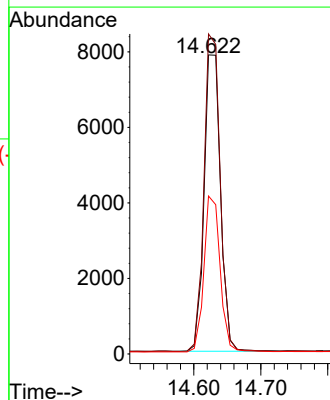
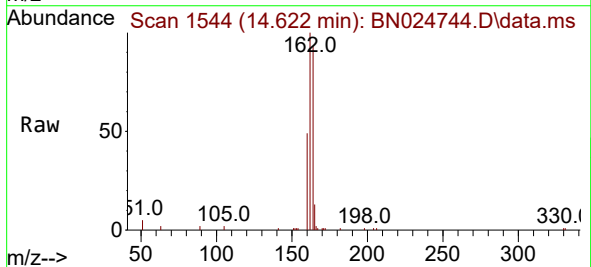
Tgt Ion:164 Resp: 13409

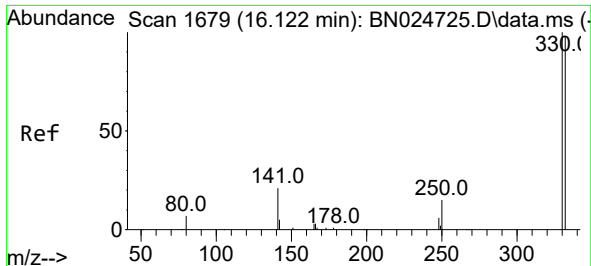
Ion Ratio Lower Upper

164 100

162 107.0 82.2 123.4

160 52.8 39.4 59.0

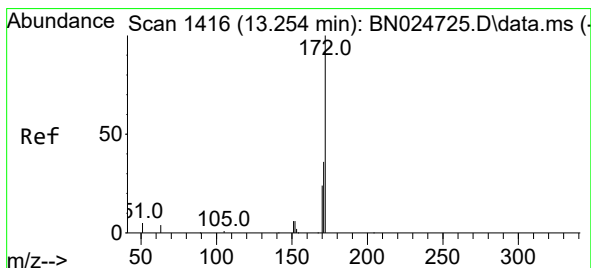
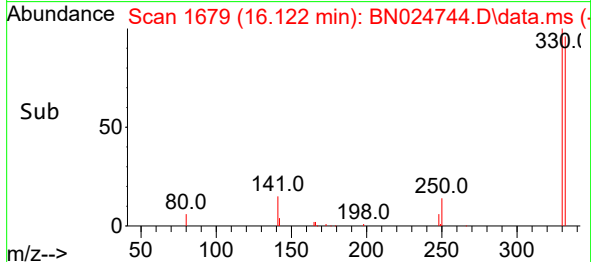
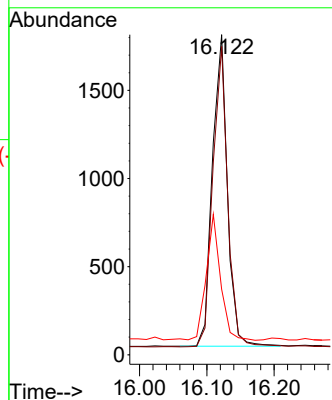
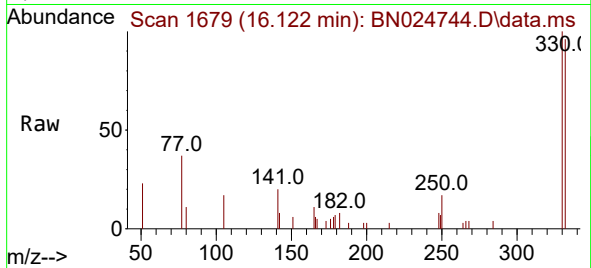




#14
2,4,6-Tribromophenol
Concen: 0.471 ng
RT: 16.122 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

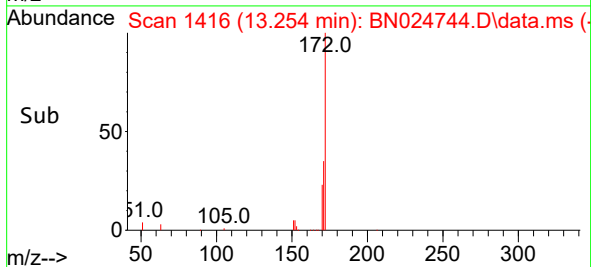
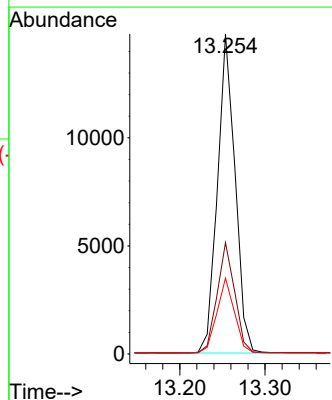
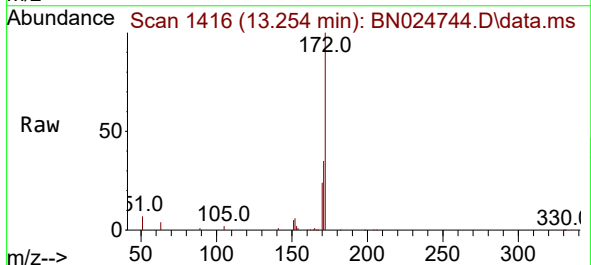
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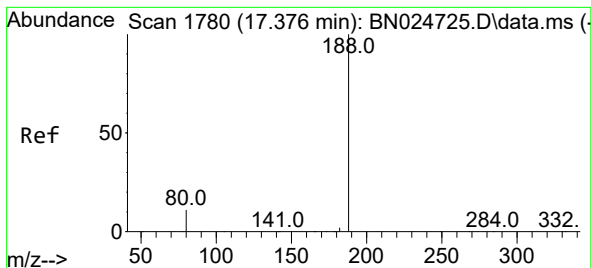
Tgt Ion:330 Resp: 2721
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 38.8 29.6 44.4



#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.254 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN024744.D
Acq: 04 Apr 2023 01:16

Tgt Ion:172 Resp: 21208
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.7 19.5 29.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.376 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024744.D

Acq: 04 Apr 2023 01:16

Instrument :

BNA_N

ClientSampleId :

GWCB-05-85-90-032423

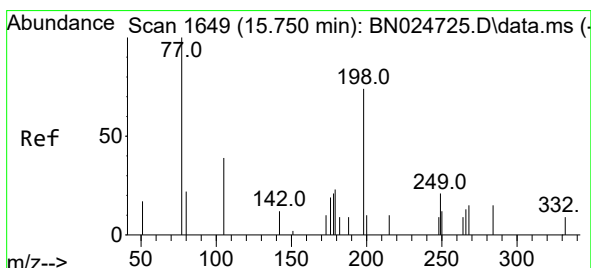
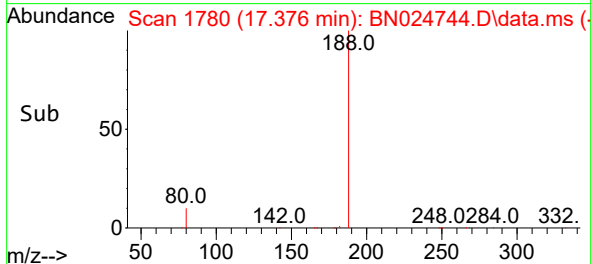
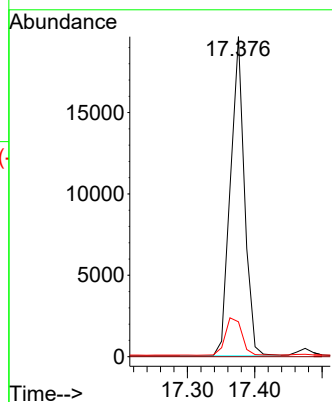
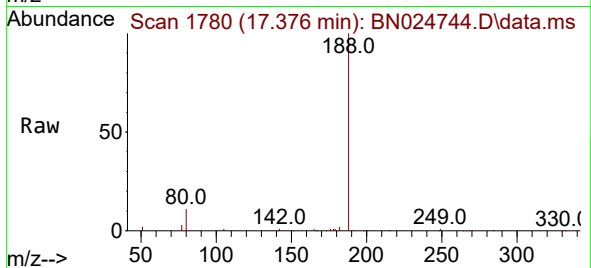
Tgt Ion:188 Resp: 28446

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 9.2 13.8



#20

4,6-Dinitro-2-methylphenol

Concen: 0.255 ng

RT: 15.750 min Scan# 1649

Delta R.T. -0.000 min

Lab File: BN024744.D

Acq: 04 Apr 2023 01:16

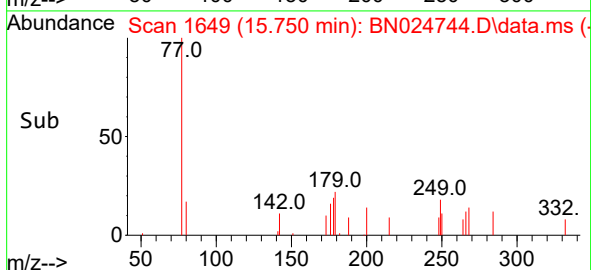
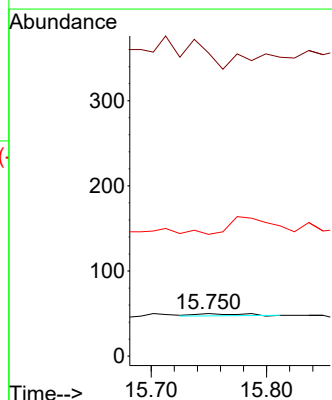
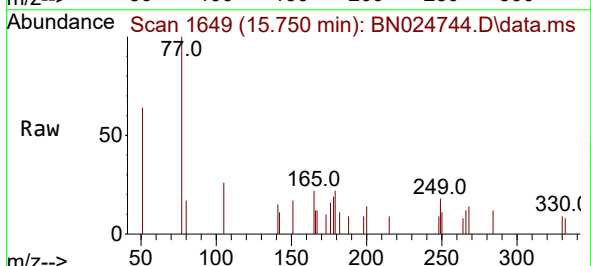
Tgt Ion:198 Resp: 7

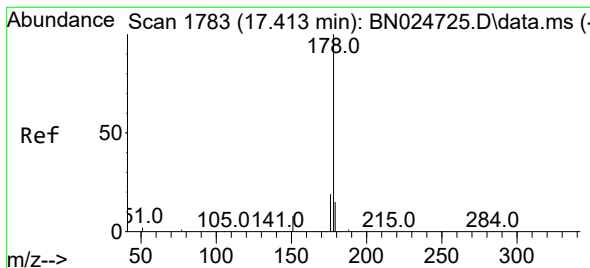
Ion Ratio Lower Upper

198 100

51 712.0 118.9 178.3#

105 286.0 64.6 97.0#





#25

Phenanthrene

Concen: 0.050 ng

RT: 17.413 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BN024744.D

Acq: 04 Apr 2023 01:16

Instrument :

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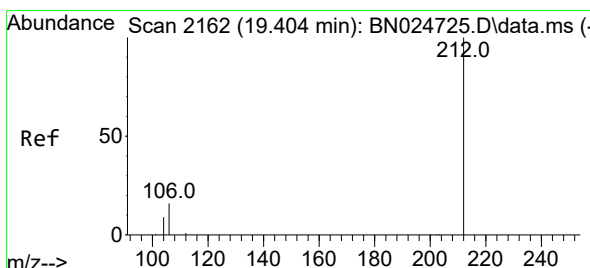
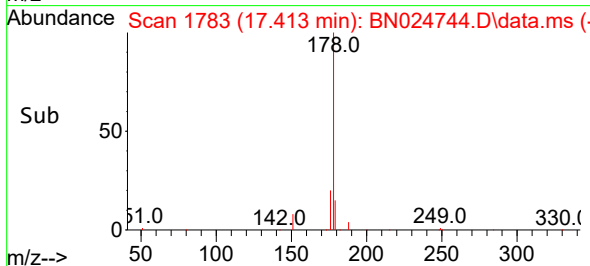
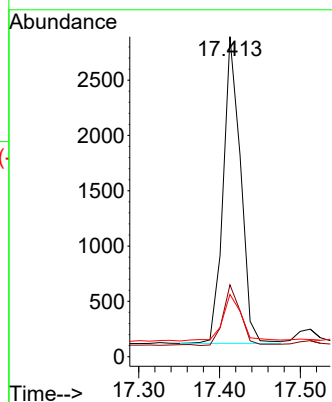
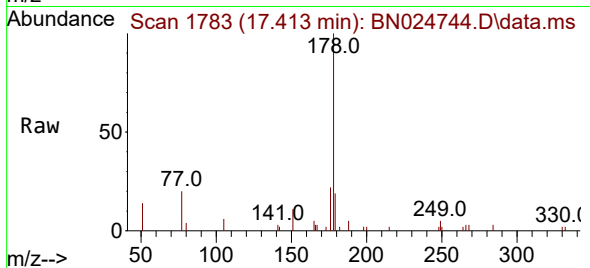
Tgt Ion:178 Resp: 4148

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 17.4 12.2 18.4



#27

Fluoranthene-d10

Concen: 0.473 ng

RT: 19.404 min Scan# 2162

Delta R.T. 0.000 min

Lab File: BN024744.D

Acq: 04 Apr 2023 01:16

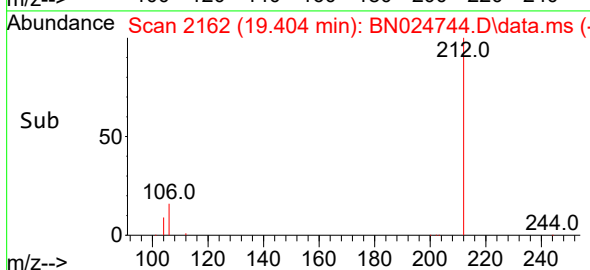
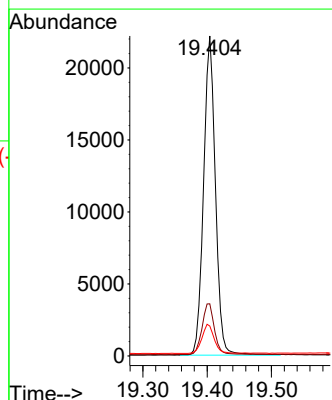
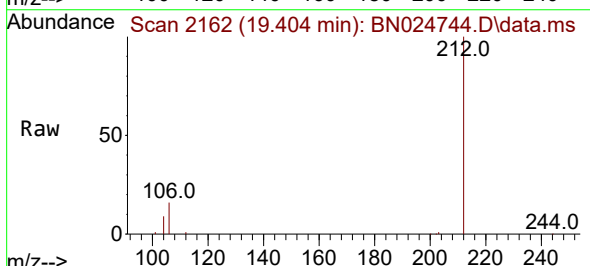
Tgt Ion:212 Resp: 28497

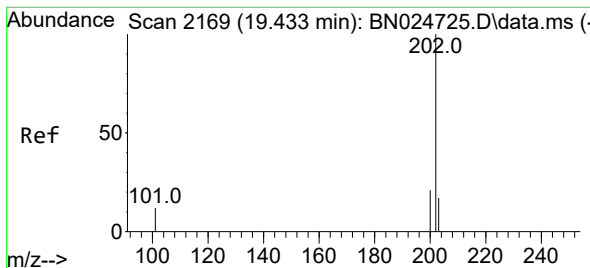
Ion Ratio Lower Upper

212 100

106 16.7 13.0 19.4

104 9.5 7.4 11.0





#28

Fluoranthene

Concen: 0.038 ng

RT: 19.433 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BN024744.D

Acq: 04 Apr 2023 01:16

Instrument :

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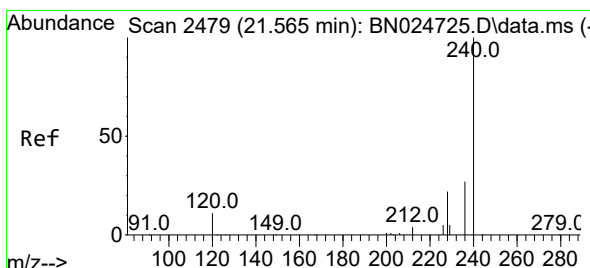
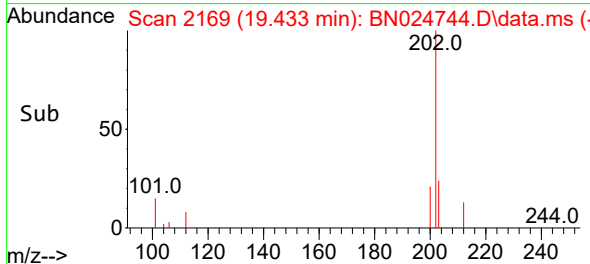
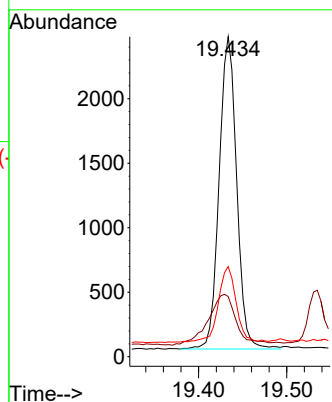
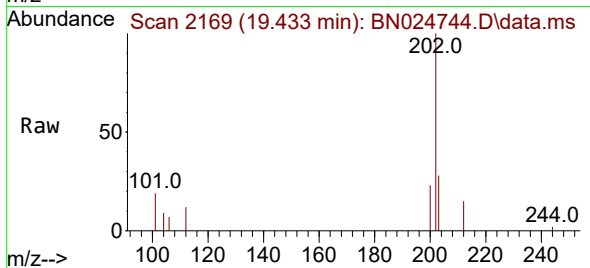
Tgt Ion:202 Resp: 3343

Ion Ratio Lower Upper

202 100

101 26.1 10.1 15.1#

203 24.5 13.6 20.4#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.565 min Scan# 2479

Delta R.T. 0.000 min

Lab File: BN024744.D

Acq: 04 Apr 2023 01:16

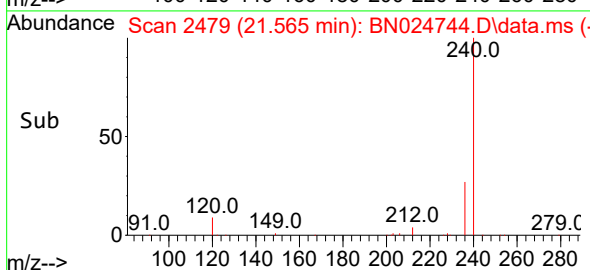
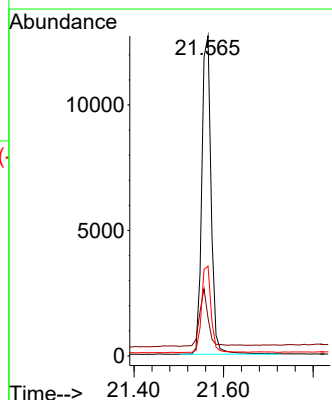
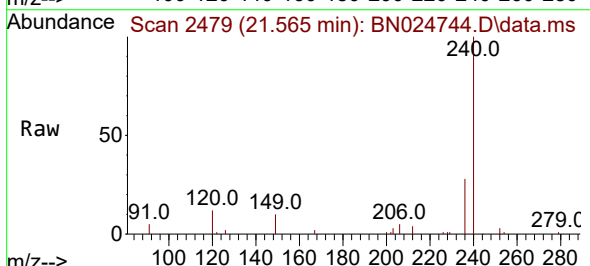
Tgt Ion:240 Resp: 18459

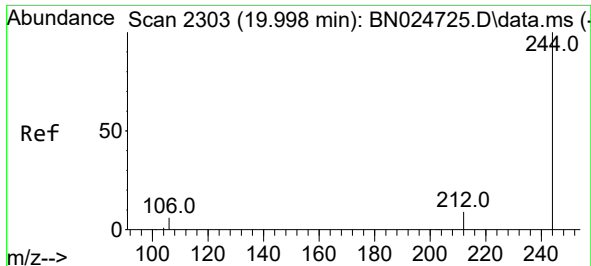
Ion Ratio Lower Upper

240 100

120 11.8 10.6 16.0

236 28.1 22.3 33.5

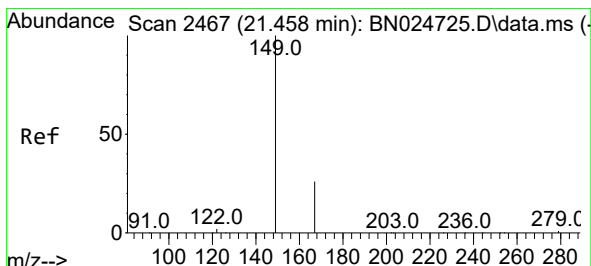
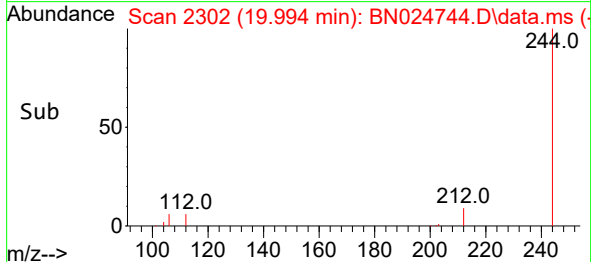
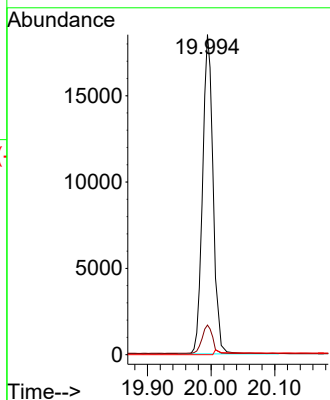
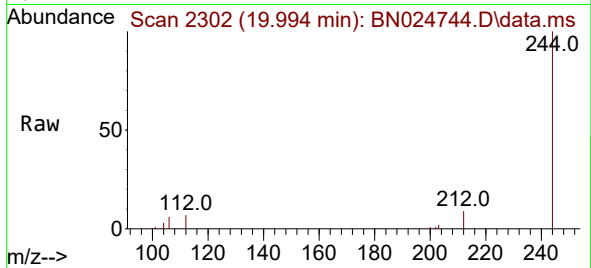




#31
 Terphenyl-d14
 Concen: 0.569 ng
 RT: 19.994 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN024744.D
 Acq: 04 Apr 2023 01:16

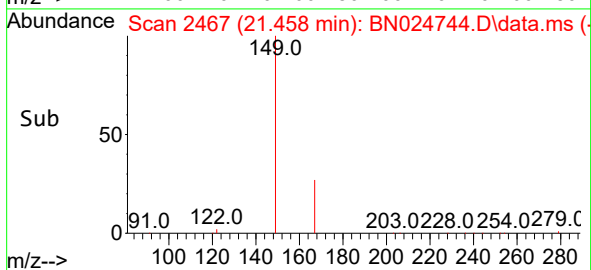
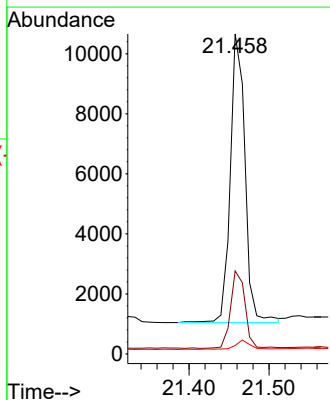
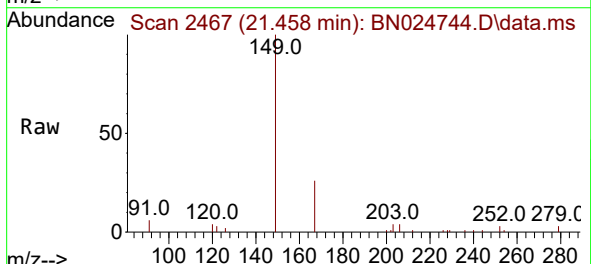
Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-85-90-032423

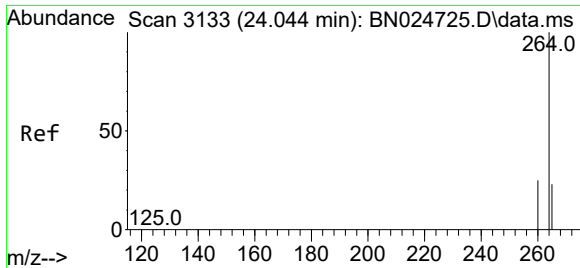
Tgt Ion:244 Resp: 30374
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.4 11.0
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.461 ng
 RT: 21.458 min Scan# 2467
 Delta R.T. 0.000 min
 Lab File: BN024744.D
 Acq: 04 Apr 2023 01:16

Tgt Ion:149 Resp: 12220
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.6
 279 3.4 2.8 4.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.033 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN024744.D

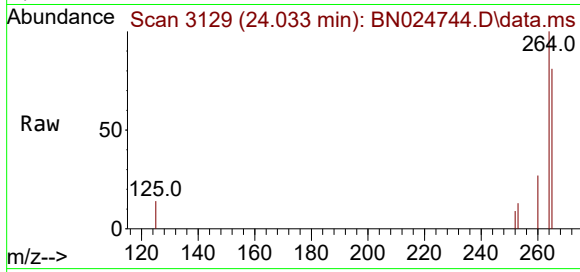
Acq: 04 Apr 2023 01:16

Instrument :

BNA_N

ClientSampleId :

GWCB-05-85-90-032423



Tgt Ion:264 Resp: 13889

Ion Ratio Lower Upper

264 100

260 26.6 20.6 31.0

265 80.9 62.5 93.7

