

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
 Data File : BN025894.D
 Acq On : 17 Jun 2023 01:11
 Operator : MA/JU
 Sample : 03310-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-898-900

Quant Time: Jun 17 02:37:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:10:48 2023
 Response via : Initial Calibration

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

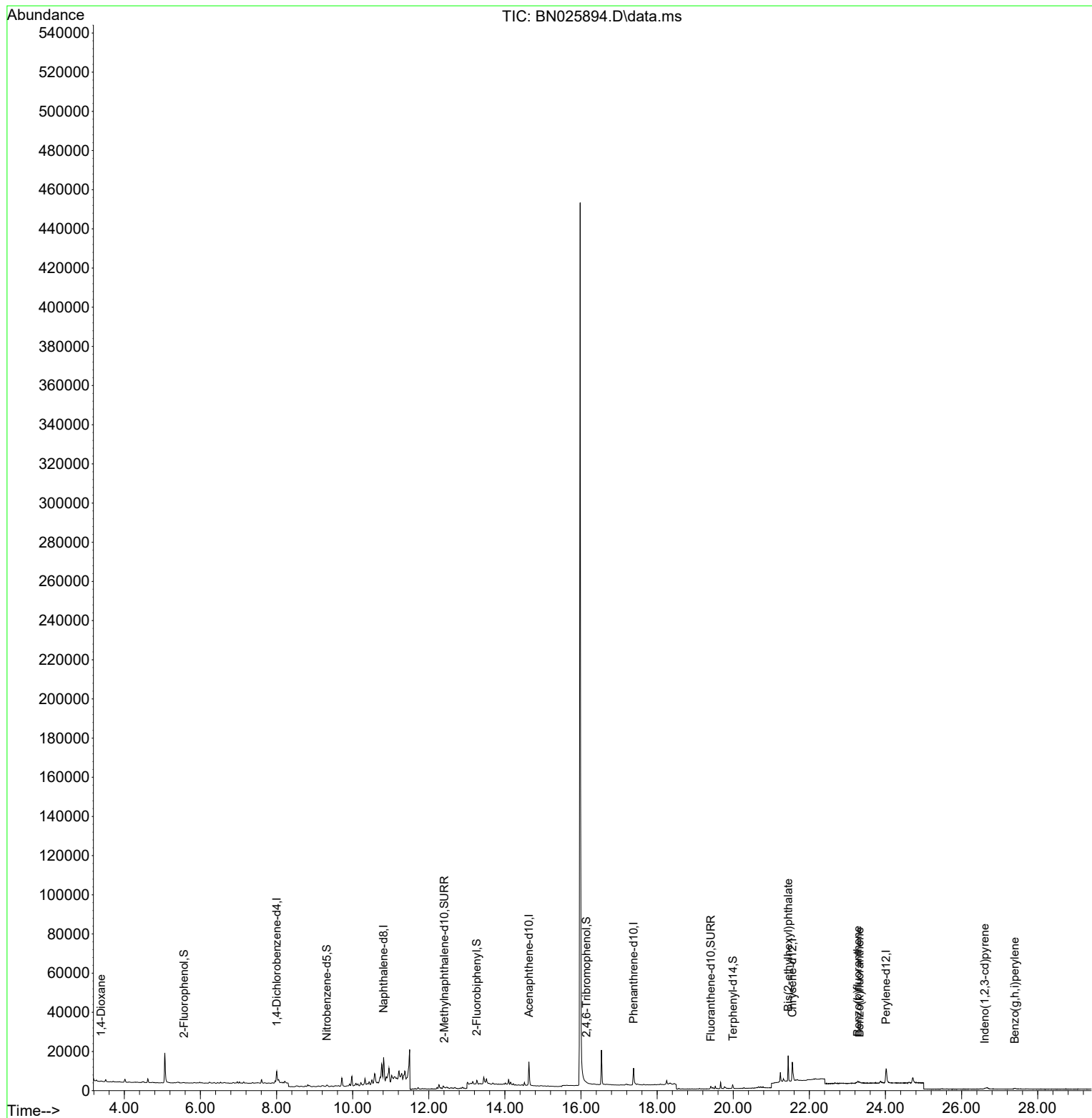
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	4390	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	12179	0.400	ng	# 0.00
13) Acenaphthene-d10	14.630	164	7166	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	14050	0.400	ng	# 0.00
29) Chrysene-d12	21.551	240	11318	0.400	ng	# 0.00
35) Perylene-d12	24.016	264	12006	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.571	112	251	0.020	ng	0.03
5) Phenol-d6	7.196	99	221	0.015	ng	0.04
8) Nitrobenzene-d5	9.319	82	240	0.021	ng	0.15
11) 2-Methylnaphthalene-d10	12.408	152	1734	0.099	ng	0.01
14) 2,4,6-Tribromophenol	16.139	330	100	0.045	ng	0.01
15) 2-Fluorobiphenyl	13.261	172	2182	0.072	ng	0.00
27) Fluoranthene-d10	19.411	212	1431	0.050	ng	0.00
31) Terphenyl-d14	19.992	244	1004	0.037	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	205	0.040	ng	# 13
34) Bis(2-ethylhexyl)phtha...	21.444	149	10997	0.423	ng	99
36) Indeno(1,2,3-cd)pyrene	26.609	276	1039	0.020	ng	# 62
37) Benzo(b)fluoranthene	23.271	252	1405	0.030	ng	# 1
38) Benzo(k)fluoranthene	23.320	252	1031	0.021	ng	# 1
41) Benzo(g,h,i)perylene	27.396	276	1037	0.022	ng	# 53

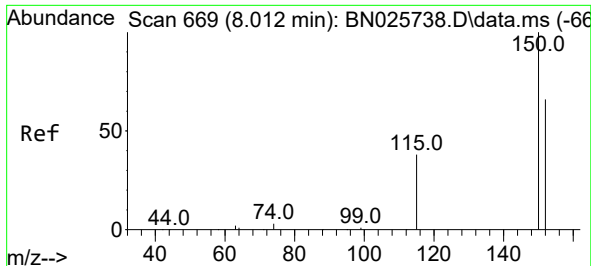
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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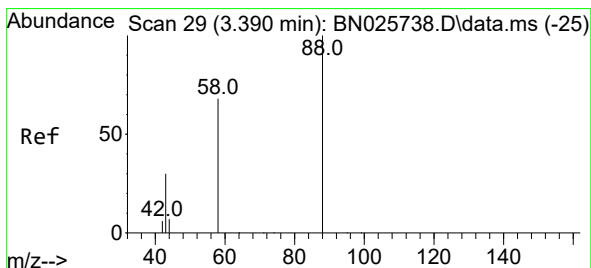
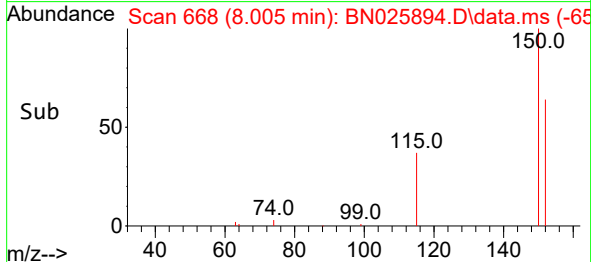
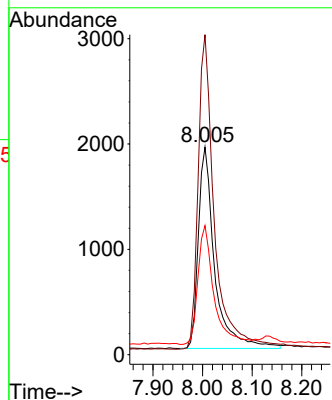
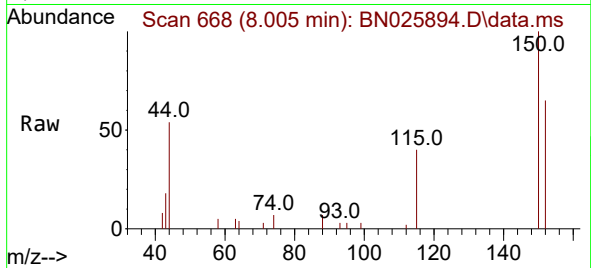




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 669
Delta R.T. 0.007 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

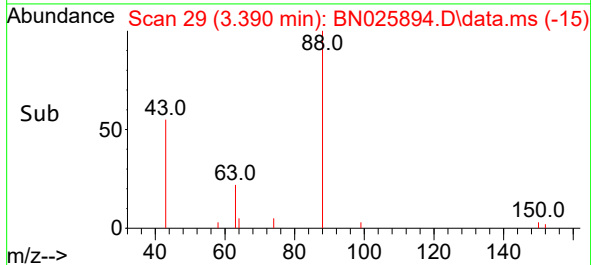
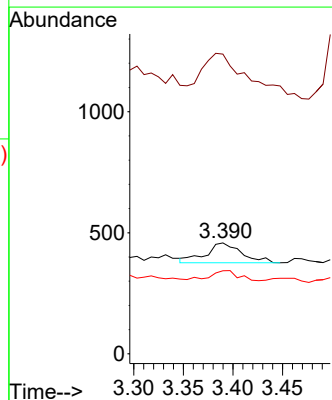
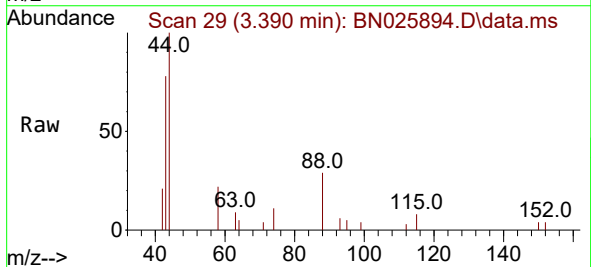
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-898-900

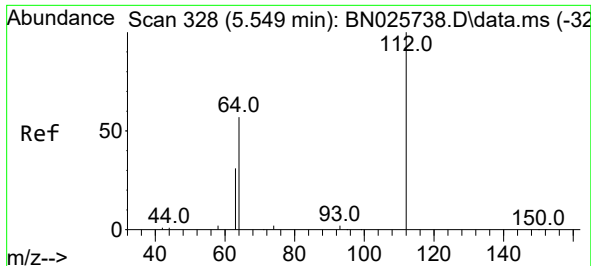
Tgt Ion:152 Resp: 4390
Ion Ratio Lower Upper
152 100
150 154.2 121.5 182.3
115 62.2 47.7 71.5



#2
1,4-Dioxane
Concen: 0.040 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

Tgt Ion: 88 Resp: 205
Ion Ratio Lower Upper
88 100
43 144.9 31.0 46.4#
58 39.0 57.3 85.9#

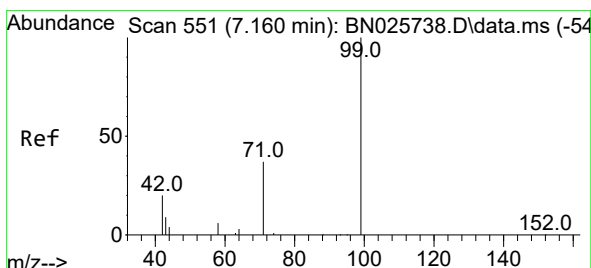
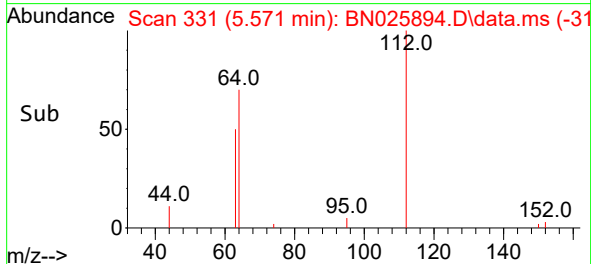
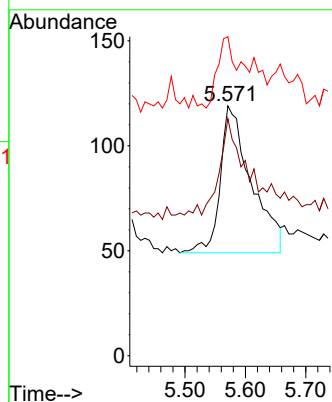
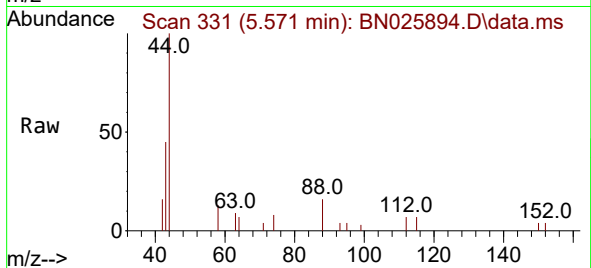




#4
2-Fluorophenol
Concen: 0.020 ng
RT: 5.571 min Scan# 311
Delta R.T. 0.029 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

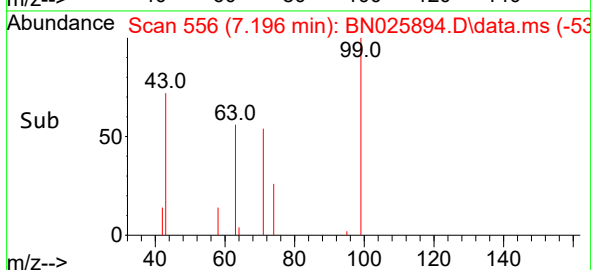
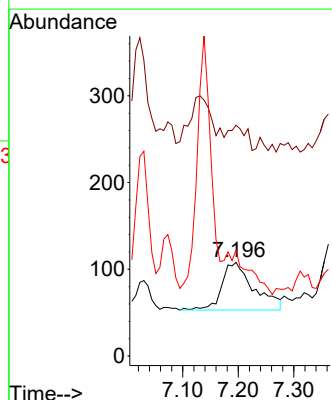
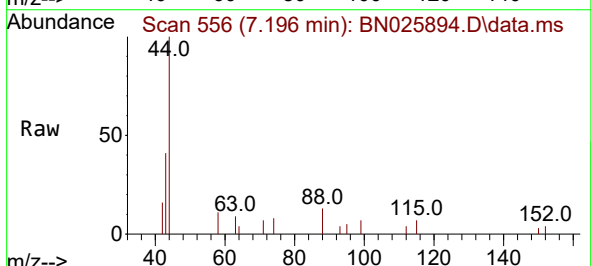
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-898-900

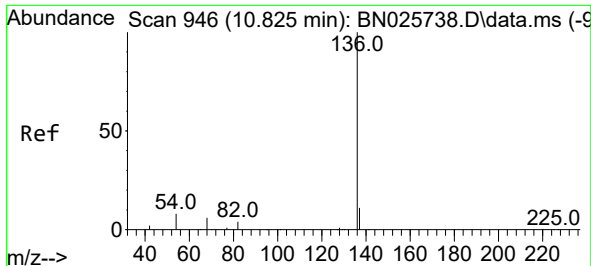
Tgt Ion:112 Resp: 251
Ion Ratio Lower Upper
112 100
64 55.4 47.5 71.3
63 25.5 26.2 39.4#



#5
Phenol-d6
Concen: 0.015 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.043 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

Tgt Ion: 99 Resp: 221
Ion Ratio Lower Upper
99 100
42 25.8 18.6 28.0
71 0.0 30.5 45.7#

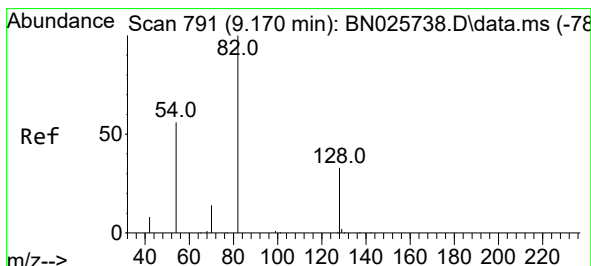
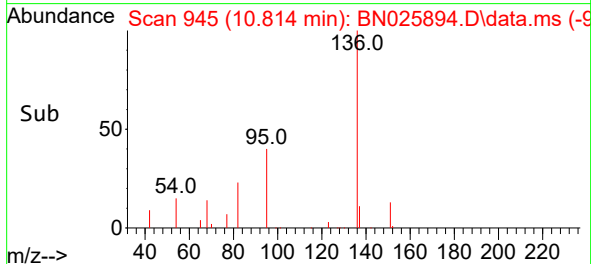
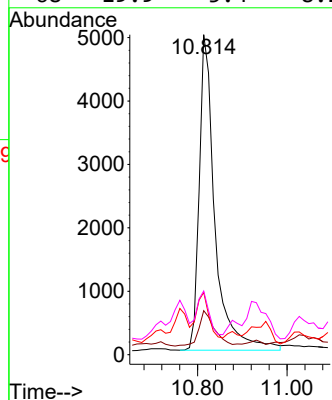
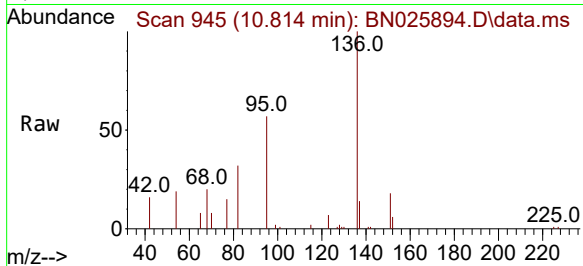




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

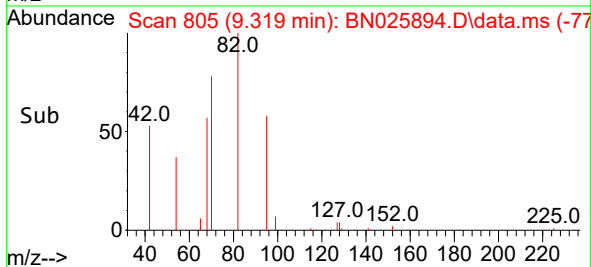
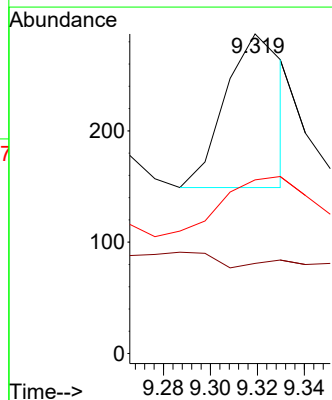
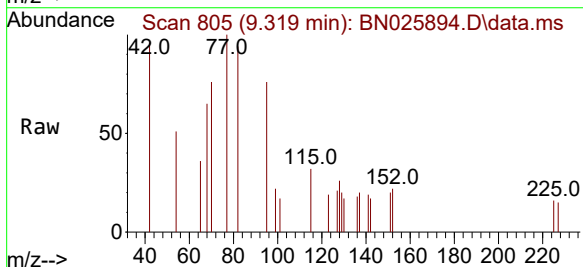
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-898-900

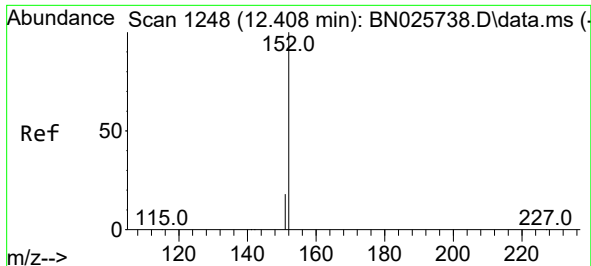
Tgt Ion:	136	Resp:	12179
Ion	Ratio	Lower	Upper
136	100		
137	13.8	9.3	13.9
54	19.5	7.2	10.8#
68	19.9	5.4	8.2#



#8
Nitrobenzene-d5
Concen: 0.021 ng
RT: 9.319 min Scan# 805
Delta R.T. 0.149 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

Tgt Ion:	82	Resp:	240
Ion	Ratio	Lower	Upper
82	100		
128	28.2	27.6	41.4
54	54.4	45.7	68.5





#11

2-Methylnaphthalene-d10

Concen: 0.099 ng

RT: 12.408 min Scan# 11

Delta R.T. 0.011 min

Lab File: BN025894.D

Acq: 17 Jun 2023 01:11

Instrument :

BNA_N

ClientSampleId :

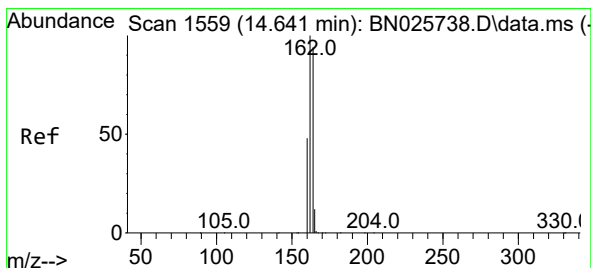
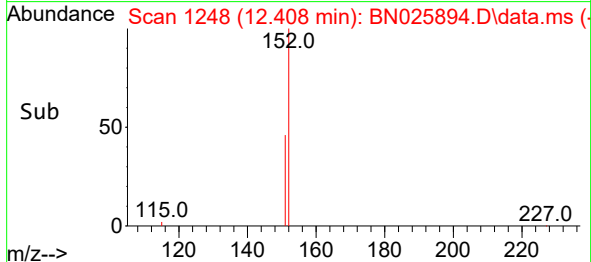
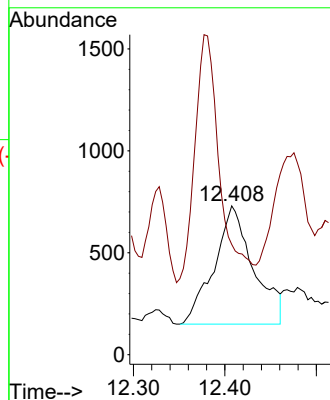
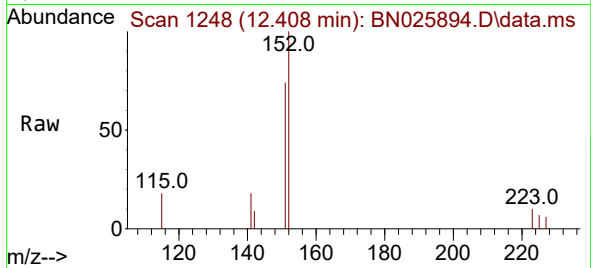
BP-VPB-RW11-GW-898-900

Tgt Ion:152 Resp: 1734

Ion Ratio Lower Upper

152 100

151 0.0 16.4 24.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.630 min Scan# 1558

Delta R.T. -0.000 min

Lab File: BN025894.D

Acq: 17 Jun 2023 01:11

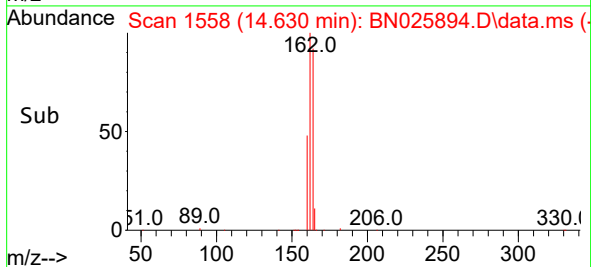
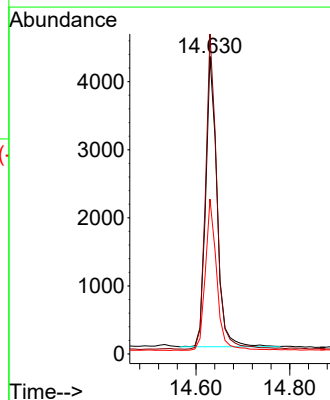
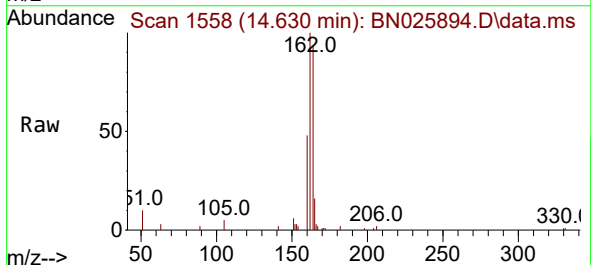
Tgt Ion:164 Resp: 7166

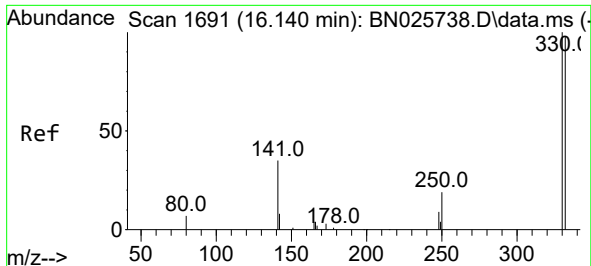
Ion Ratio Lower Upper

164 100

162 107.5 85.0 127.6

160 52.0 41.1 61.7

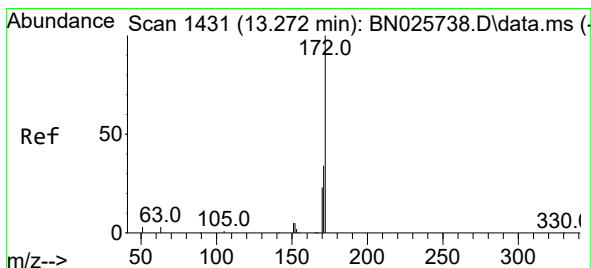
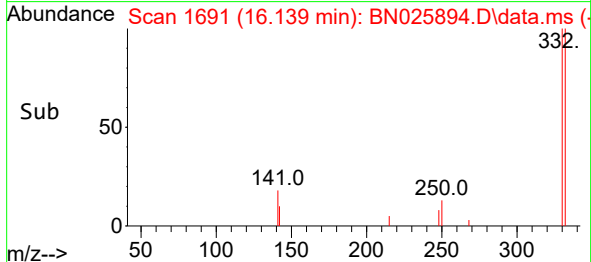
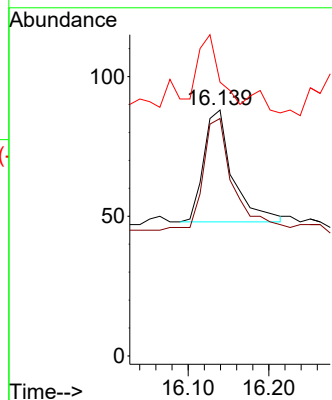
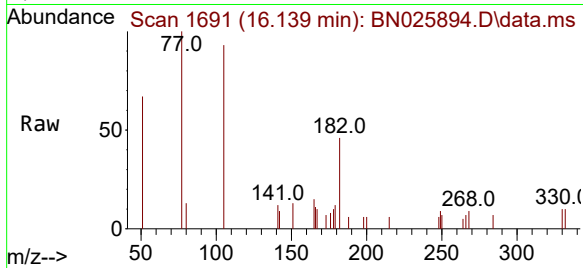




#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 16.139 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

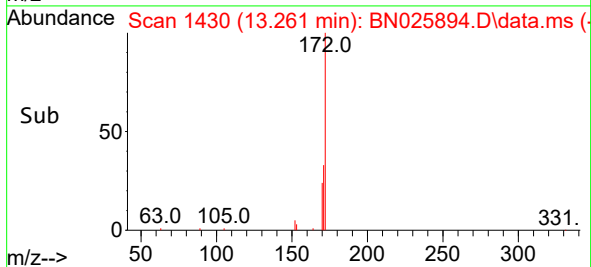
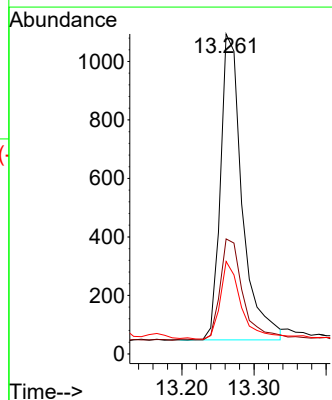
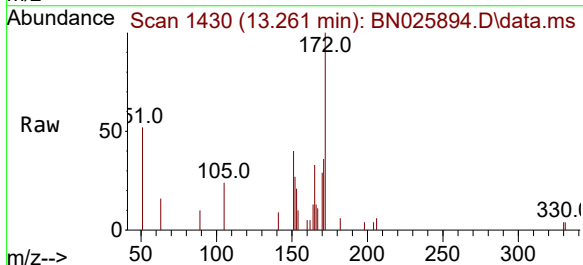
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-898-900

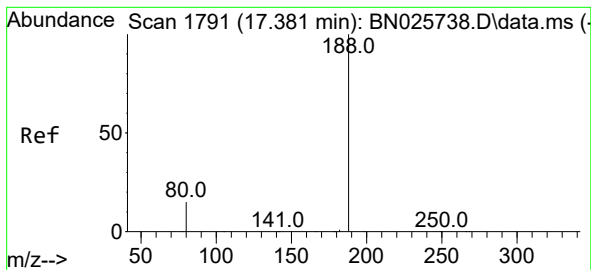
Tgt Ion:330 Resp: 100
Ion Ratio Lower Upper
330 100
332 104.0 77.3 115.9
141 59.0 55.0 82.6



#15
2-Fluorobiphenyl
Concen: 0.072 ng
RT: 13.261 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

Tgt Ion:172 Resp: 2182
Ion Ratio Lower Upper
172 100
171 35.9 27.3 40.9
170 28.9 18.6 28.0#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.381 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BN025894.D

Acq: 17 Jun 2023 01:11

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-898-900

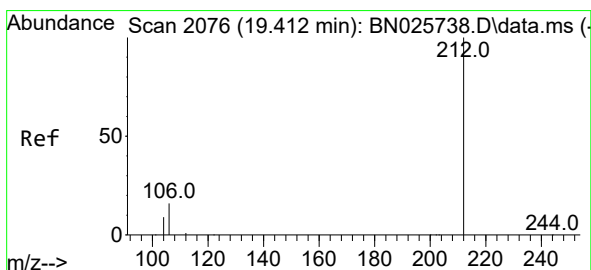
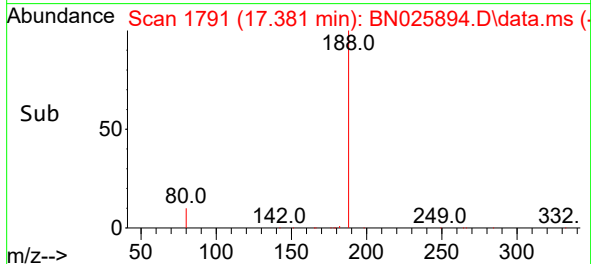
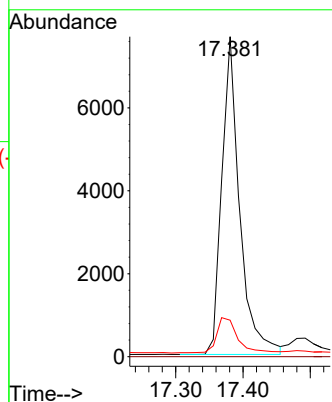
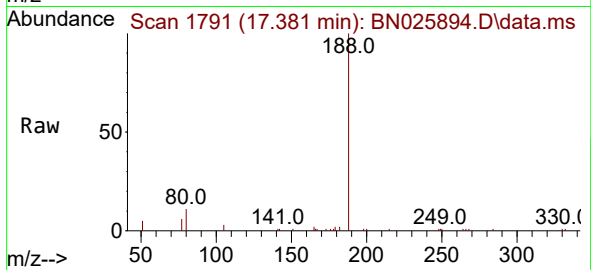
Tgt Ion:188 Resp: 14050

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 12.1 18.1#



#27

Fluoranthene-d10

Concen: 0.050 ng

RT: 19.411 min Scan# 2076

Delta R.T. 0.004 min

Lab File: BN025894.D

Acq: 17 Jun 2023 01:11

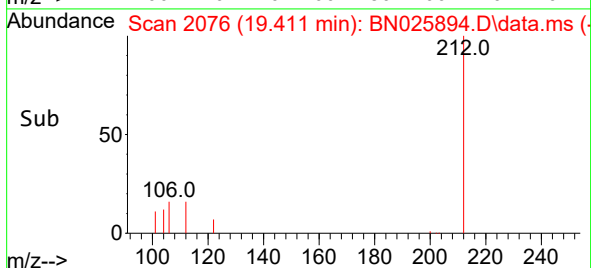
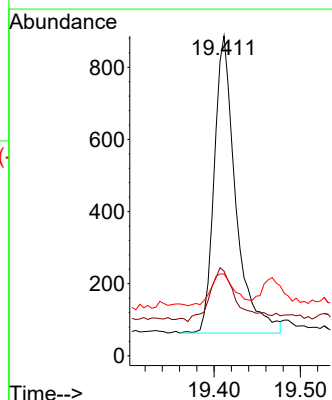
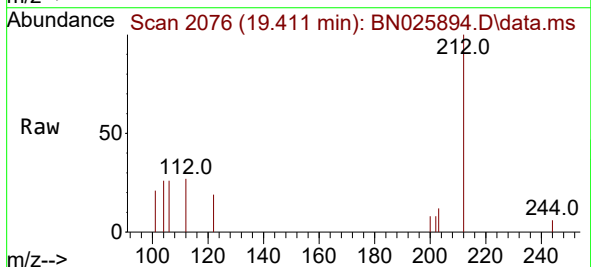
Tgt Ion:212 Resp: 1431

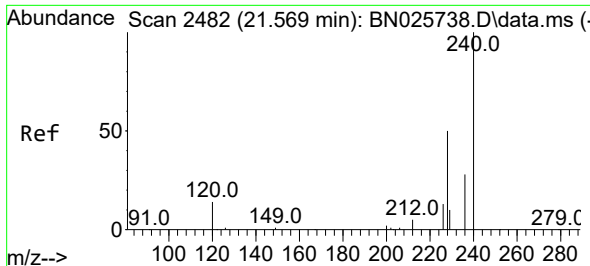
Ion Ratio Lower Upper

212 100

106 22.4 13.0 19.6#

104 12.0 7.7 11.5#

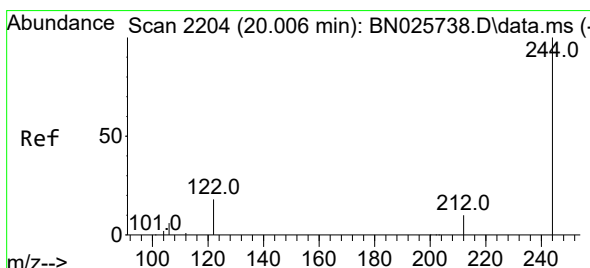
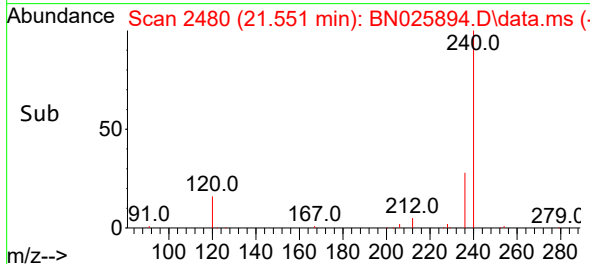
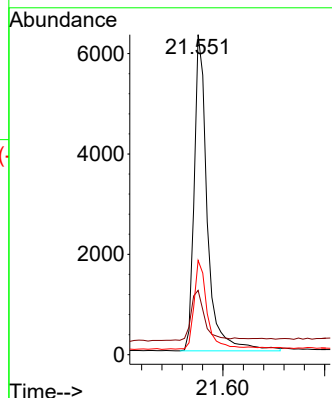
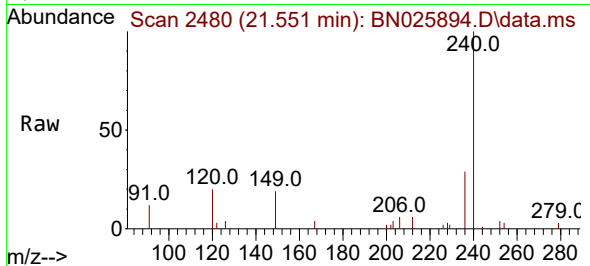




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.551 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

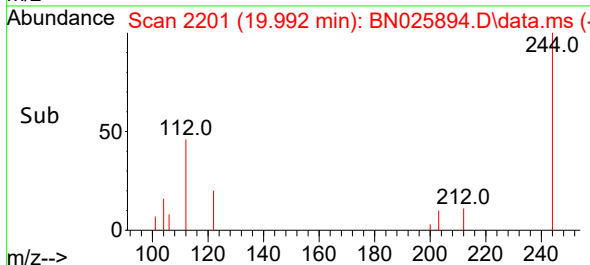
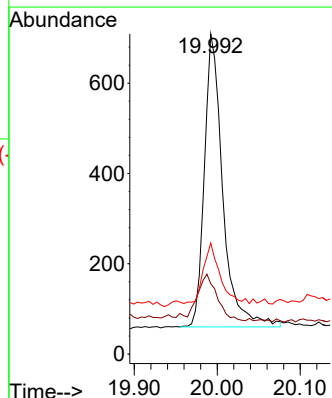
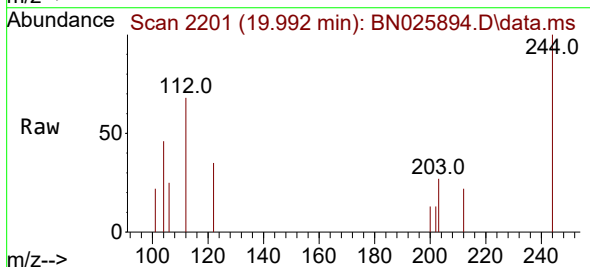
Instrument :
BNA_N
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BP-VPB-RW11-GW-898-900

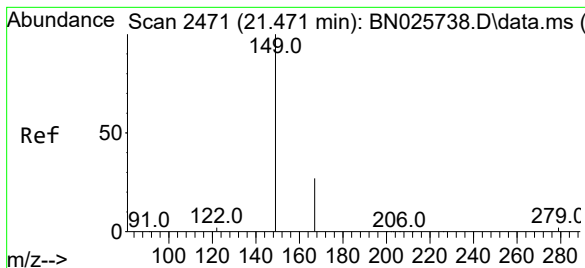
Tgt Ion:240 Resp: 11318
Ion Ratio Lower Upper
240 100
120 20.1 13.2 19.8#
236 29.4 23.1 34.7



#31
Terphenyl-d14
Concen: 0.037 ng
RT: 19.992 min Scan# 2201
Delta R.T. -0.005 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

Tgt Ion:244 Resp: 1004
Ion Ratio Lower Upper
244 100
212 22.0 8.6 12.8#
122 34.7 15.2 22.8#

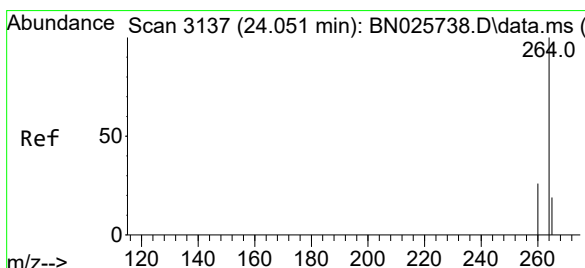
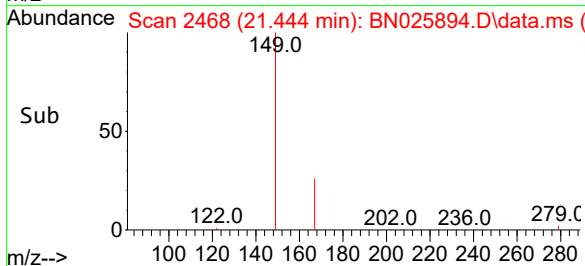
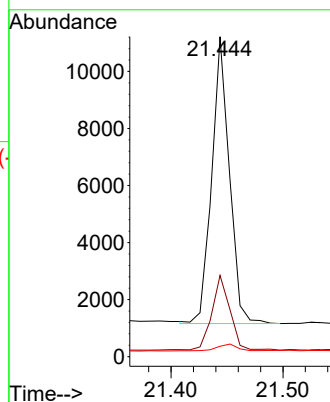
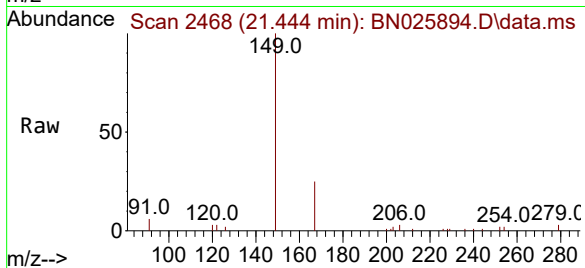




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.423 ng
RT: 21.444 min Scan# 2468
Delta R.T. -0.009 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

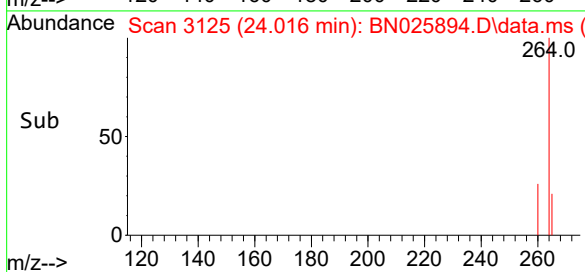
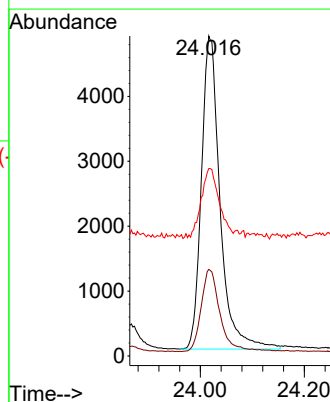
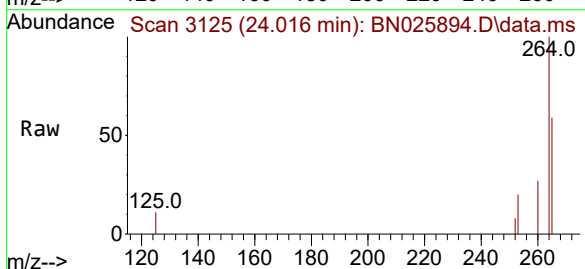
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ClientSampleId :
BP-VPB-RW11-GW-898-900

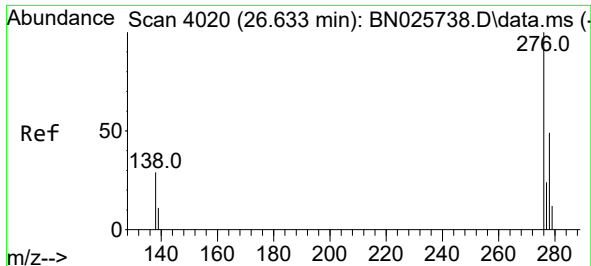
Tgt Ion:149 Resp: 10997
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.6
279 2.9 2.2 3.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.016 min Scan# 3125
Delta R.T. -0.024 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

Tgt Ion:264 Resp: 12006
Ion Ratio Lower Upper
264 100
260 27.0 21.4 32.2
265 58.6 44.7 67.1

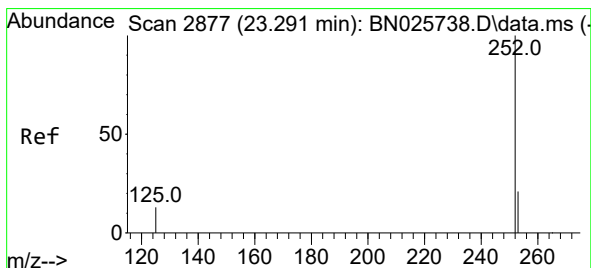
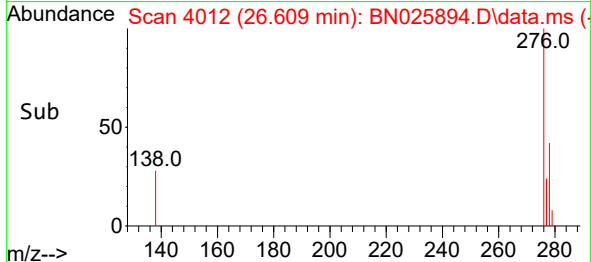
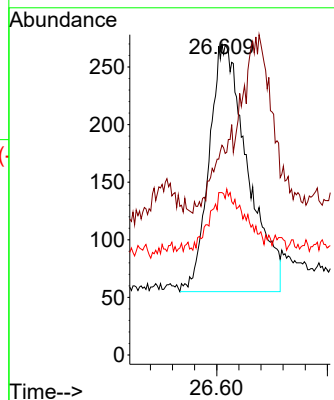
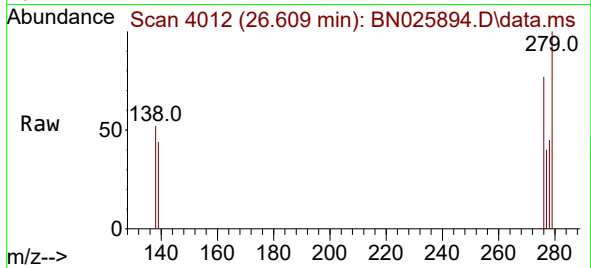




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 26.609 min Scan# 4012
Delta R.T. -0.029 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

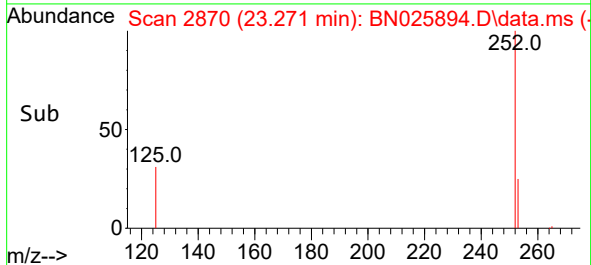
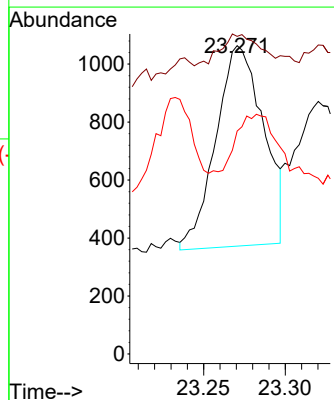
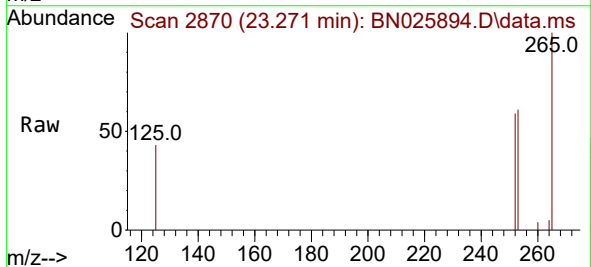
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-898-900

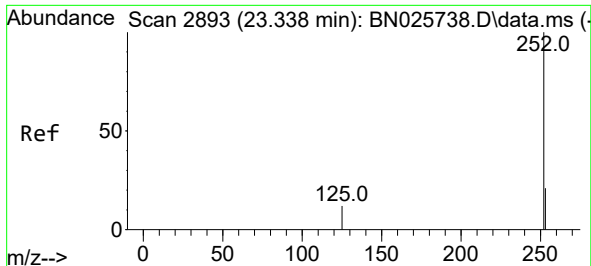
Tgt Ion:276 Resp: 1039
Ion Ratio Lower Upper
276 100
138 8.0 26.1 39.1#
277 9.5 19.4 29.2#



#37
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 23.271 min Scan# 2870
Delta R.T. -0.012 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

Tgt Ion:252 Resp: 1405
Ion Ratio Lower Upper
252 100
253 103.0 23.4 35.0#
125 72.3 12.3 18.5#

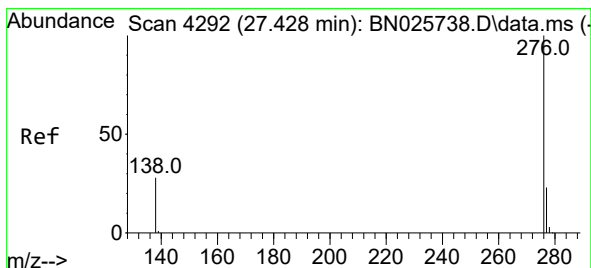
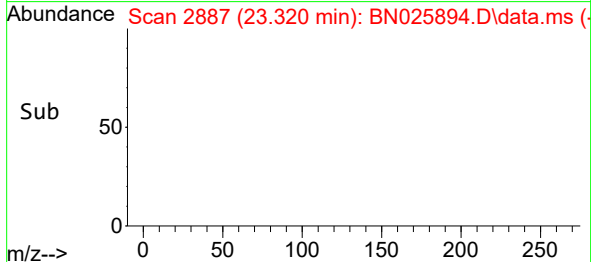
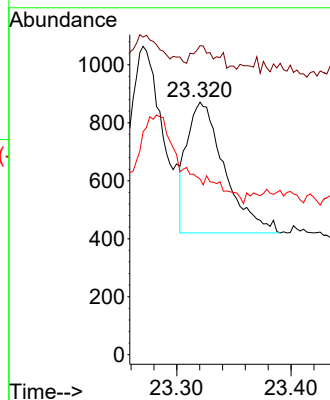
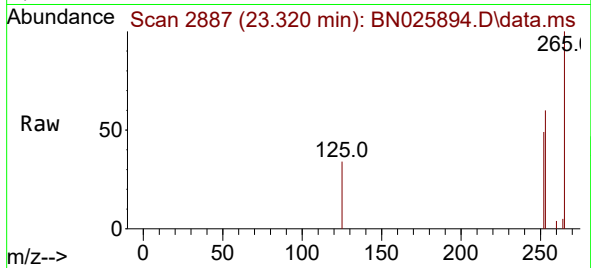




#38
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 23.320 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-898-900

Tgt Ion:252 Resp: 1031
Ion Ratio Lower Upper
252 100
253 122.4 24.2 36.4#
125 69.6 12.2 18.2#



#41
Benzo(g,h,i)perylene
Concen: 0.022 ng
RT: 27.396 min Scan# 4281
Delta R.T. -0.041 min
Lab File: BN025894.D
Acq: 17 Jun 2023 01:11

Tgt Ion:276 Resp: 1037
Ion Ratio Lower Upper
276 100
277 46.7 20.2 30.2#
138 58.0 24.2 36.4#

