

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101322\
 Data File : BN022074.D
 Acq On : 12 Oct 2022 22:20
 Operator : CG/JU
 Sample : N5100-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-883-885

Quant Time: Oct 13 07:24:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 01:51:34 2022
 Response via : Initial Calibration

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

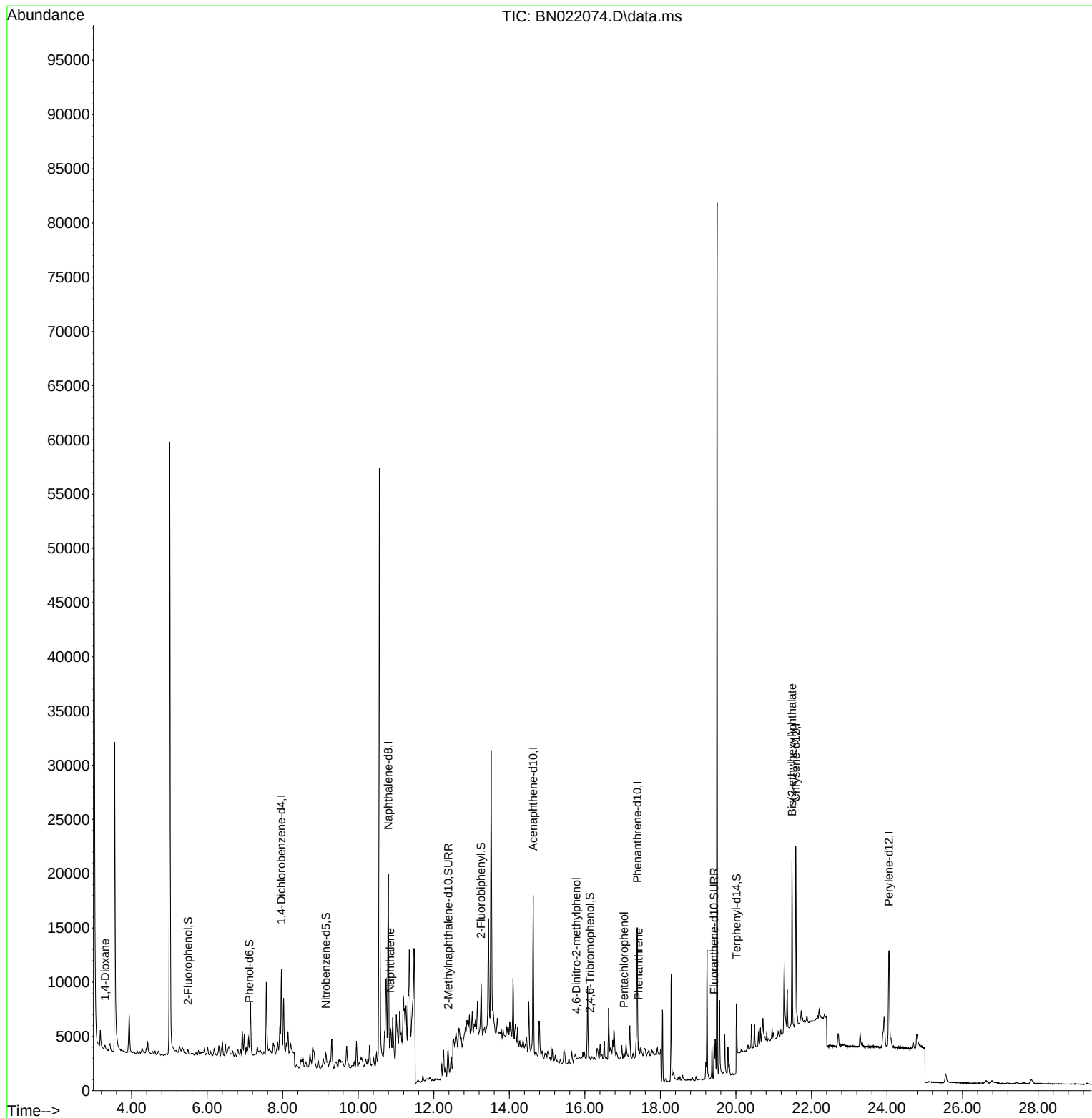
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	3798	0.400	ng	0.00
7) Naphthalene-d8	10.795	136	12804	0.400	ng	# 0.00
13) Acenaphthene-d10	14.632	164	7685	0.400	ng	0.00
19) Phenanthrene-d10	17.387	188	15783	0.400	ng	# 0.00
29) Chrysene-d12	21.582	240	14357	0.400	ng	# 0.00
35) Perylene-d12	24.052	264	13166	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.494	112	286	0.033	ng	0.00
5) Phenol-d6	7.119	99	441	0.039	ng	0.00
8) Nitrobenzene-d5	9.140	82	1503	0.146	ng	0.00
11) 2-Methylnaphthalene-d10	12.387	152	2668	0.113	ng	0.00
14) 2,4,6-Tribromophenol	16.134	330	111	0.038	ng	0.00
15) 2-Fluorobiphenyl	13.253	172	3643	0.108	ng	-0.01
27) Fluoranthene-d10	19.424	212	3610	0.086	ng	0.00
31) Terphenyl-d14	20.015	244	2761	0.096	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.298	88	179	0.036	ng	# 1
9) Naphthalene	10.848	128	1475	0.038	ng	# 70
20) 4,6-Dinitro-2-methylph...	15.774	198	51	0.208	ng	# 1
24) Pentachlorophenol	17.040	266	339	0.092	ng	97
25) Phenanthrene	17.425	178	1379	0.025	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.483	149	14342	0.554	ng	98

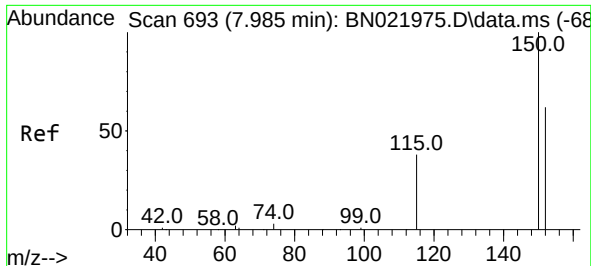
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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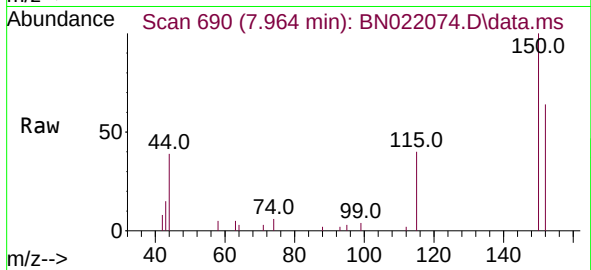
Quant Time: Oct 13 07:24:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
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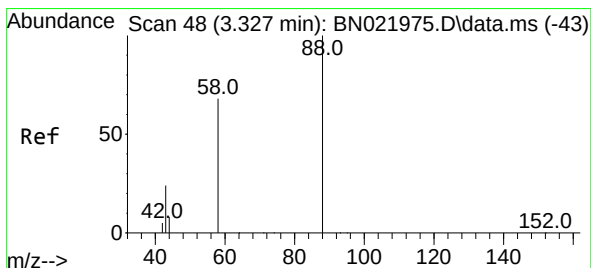
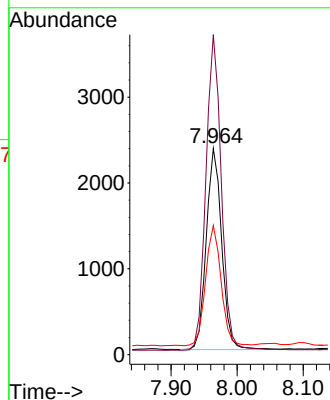
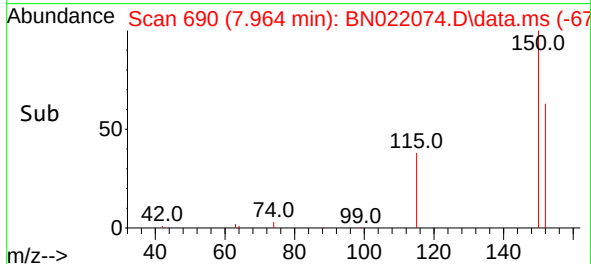


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.964 min Scan# 693
 Delta R.T. -0.007 min
 Lab File: BN022074.D
 Acq: 12 Oct 2022 22:20

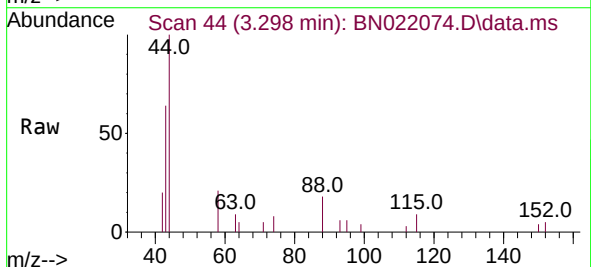
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-883-885



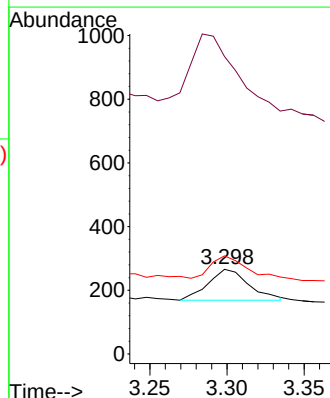
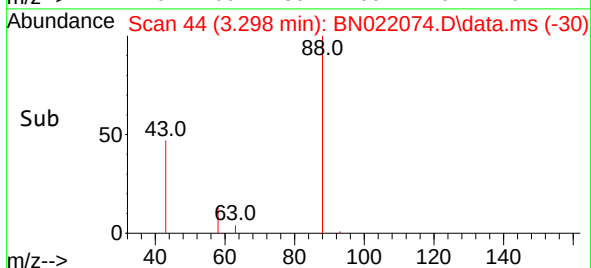
Tgt Ion:152 Resp: 3798
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.2 190.8
 115 62.6 51.4 77.0

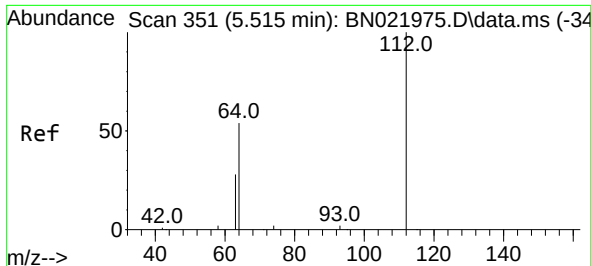


#2
 1,4-Dioxane
 Concen: 0.036 ng
 RT: 3.298 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: BN022074.D
 Acq: 12 Oct 2022 22:20



Tgt Ion: 88 Resp: 179
 Ion Ratio Lower Upper
 88 100
 43 282.7 22.6 34.0#
 58 59.8 58.6 88.0

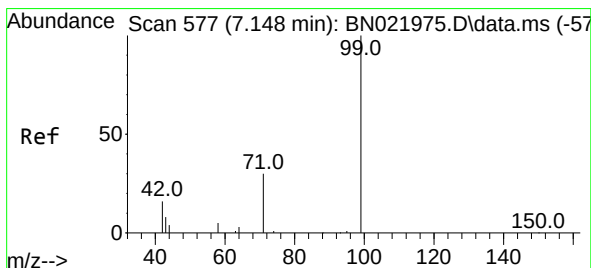
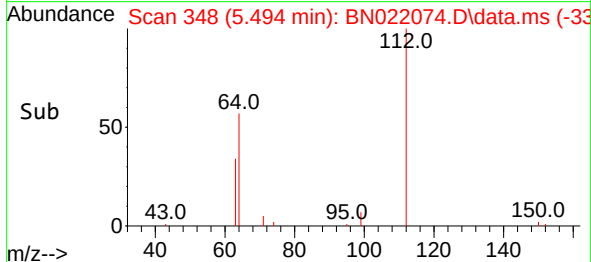
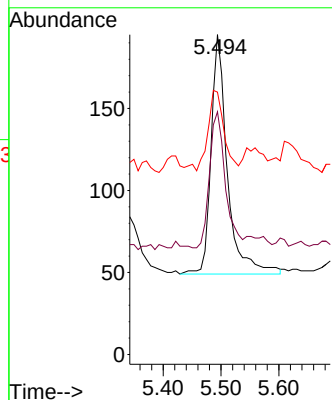
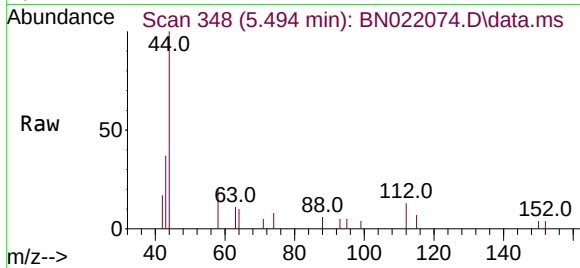




#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.494 min Scan# 348
Delta R.T. 0.000 min
Lab File: BN022074.D
Acq: 12 Oct 2022 22:20

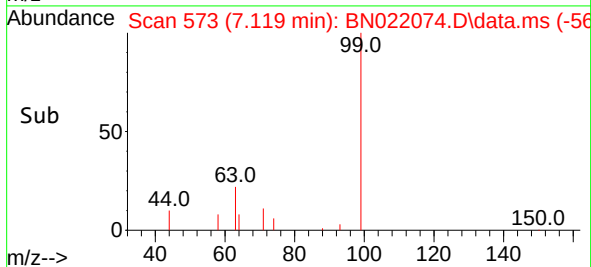
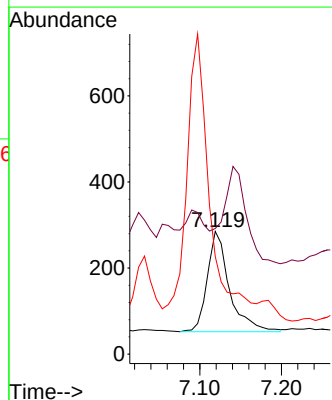
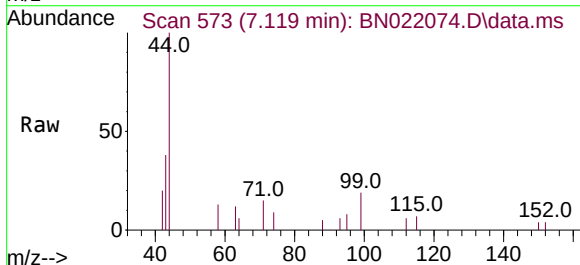
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-883-885

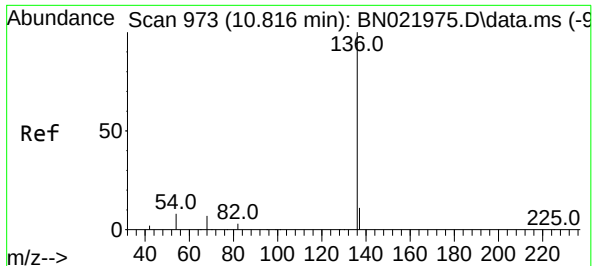
Tgt Ion:112 Resp: 286
Ion Ratio Lower Upper
112 100
64 55.2 46.9 70.3
63 32.5 24.6 37.0



#5
Phenol-d6
Concen: 0.039 ng
RT: 7.119 min Scan# 573
Delta R.T. -0.007 min
Lab File: BN022074.D
Acq: 12 Oct 2022 22:20

Tgt Ion: 99 Resp: 441
Ion Ratio Lower Upper
99 100
42 0.0 15.9 23.9#
71 0.0 25.6 38.4#

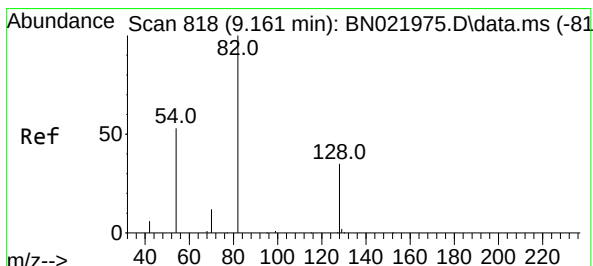
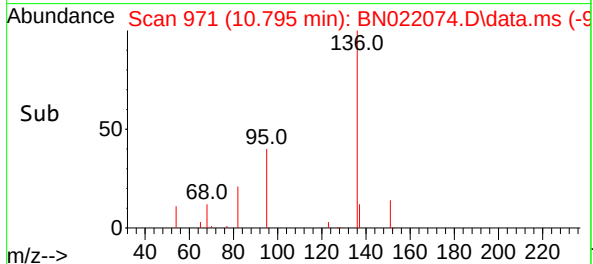
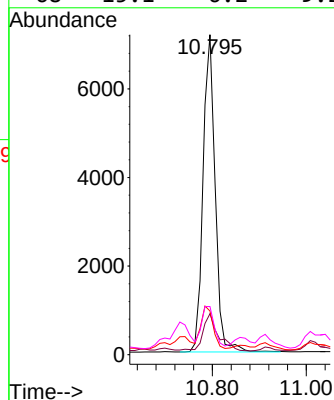
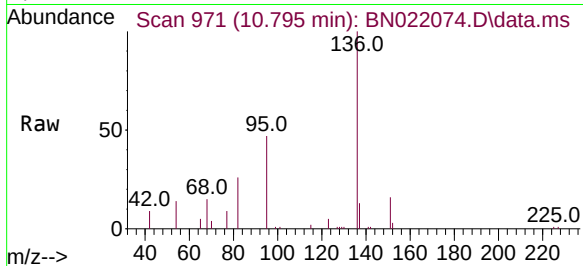




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN022074.D
Acq: 12 Oct 2022 22:20

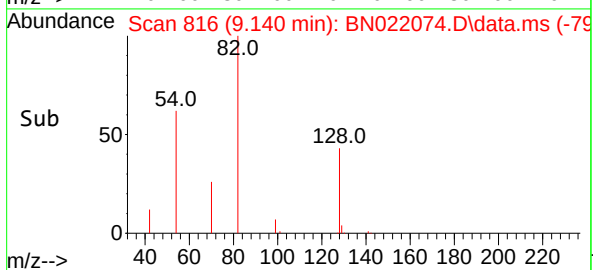
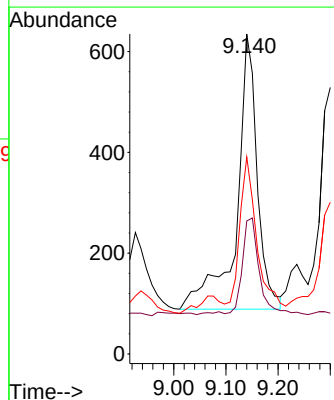
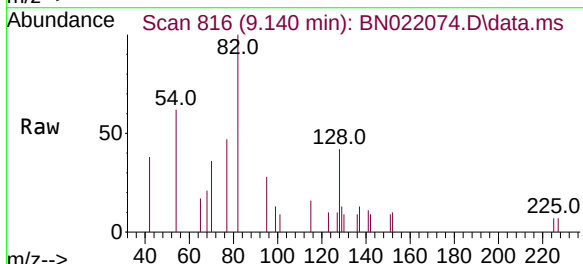
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-883-885

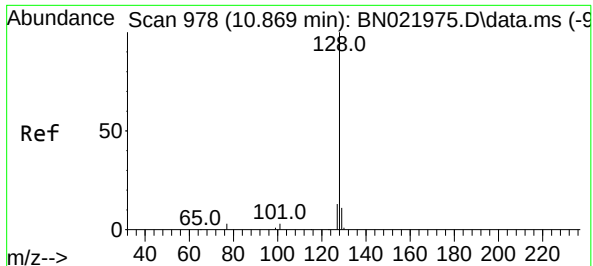
Tgt Ion:	136	Resp:	12804
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	13.6	7.1	10.7#
68	15.1	6.2	9.2#



#8
Nitrobenzene-d5
Concen: 0.146 ng
RT: 9.140 min Scan# 816
Delta R.T. 0.000 min
Lab File: BN022074.D
Acq: 12 Oct 2022 22:20

Tgt Ion:	82	Resp:	1503
Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.9	44.9
54	61.6	43.5	65.3

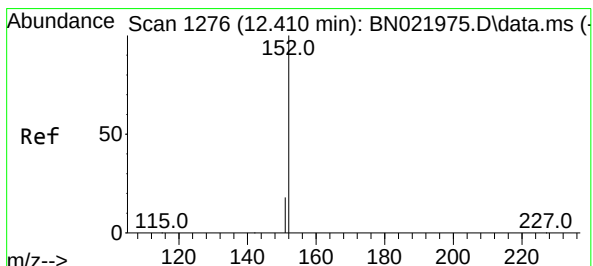
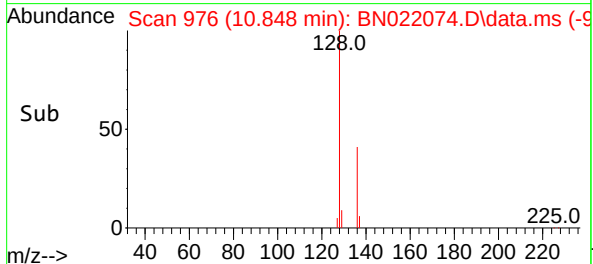
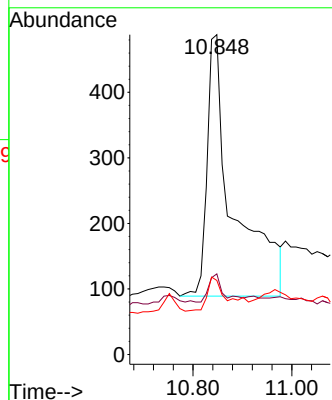
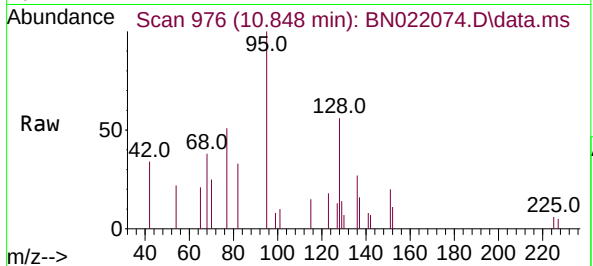




#9
Naphthalene
Concen: 0.038 ng
RT: 10.848 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN022074.D
Acq: 12 Oct 2022 22:20

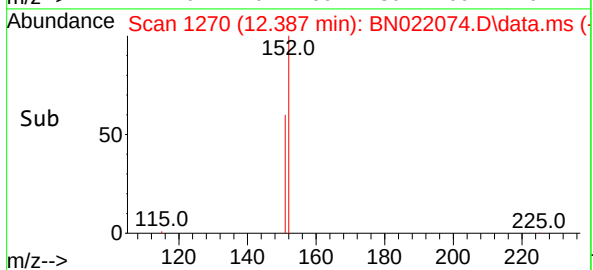
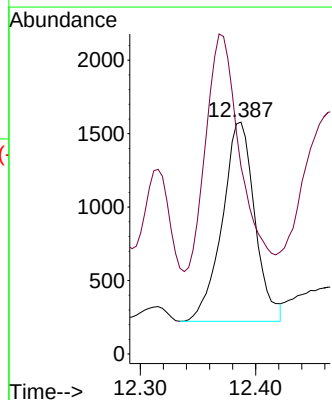
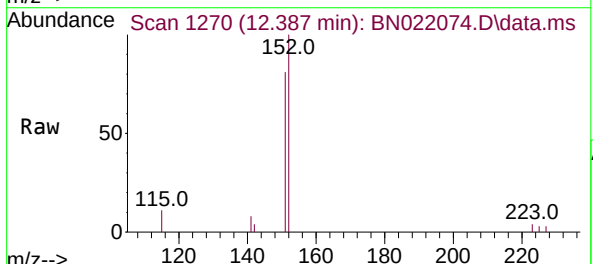
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-883-885

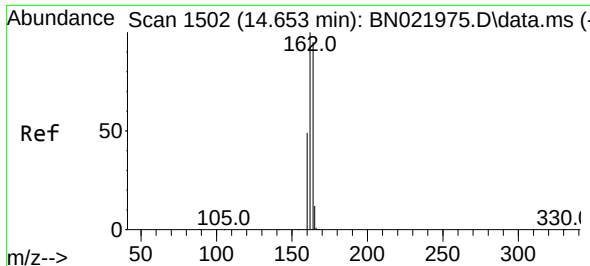
Tgt Ion:128 Resp: 1475
Ion Ratio Lower Upper
128 100
129 25.2 9.3 13.9#
127 23.2 10.6 16.0#



#11
2-Methylnaphthalene-d10
Concen: 0.113 ng
RT: 12.387 min Scan# 1270
Delta R.T. -0.004 min
Lab File: BN022074.D
Acq: 12 Oct 2022 22:20

Tgt Ion:152 Resp: 2668
Ion Ratio Lower Upper
152 100
151 123.4 13.8 20.6#

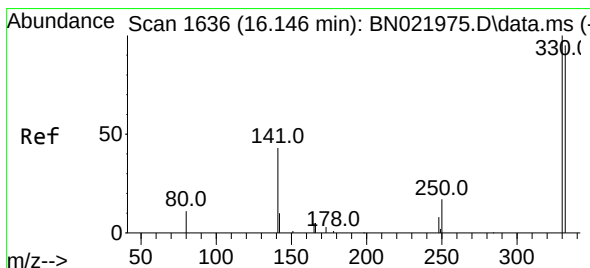
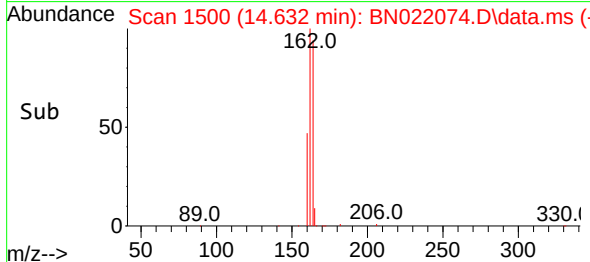
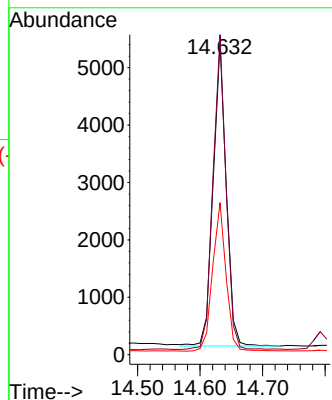
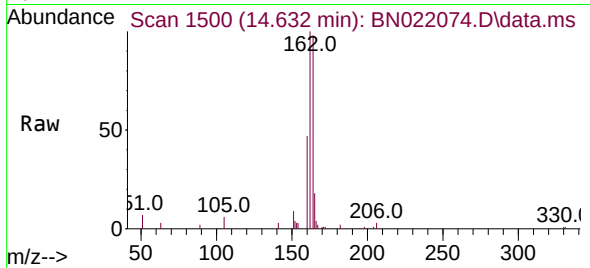




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.632 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BN022074.D
Acq: 12 Oct 2022 22:20

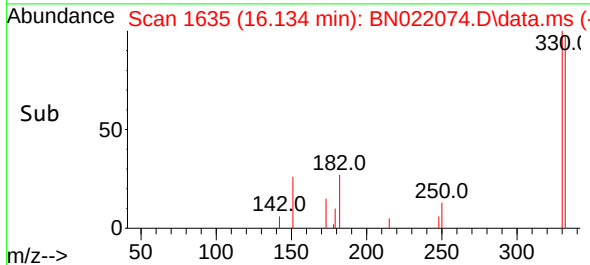
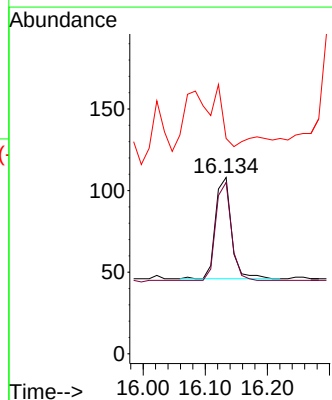
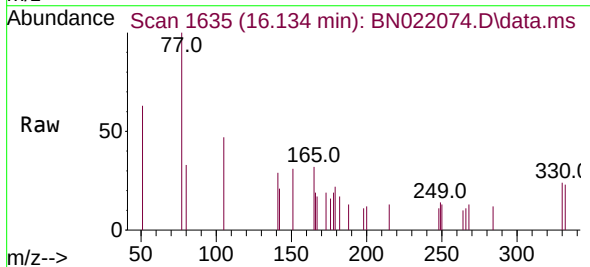
Instrument :
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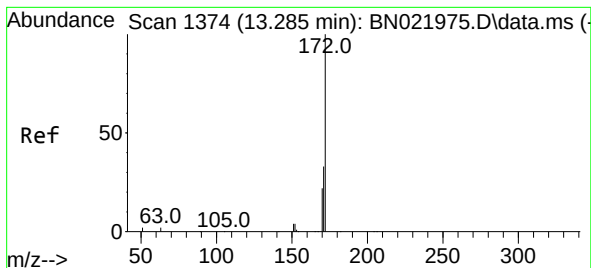
Tgt Ion:164 Resp: 7685
Ion Ratio Lower Upper
164 100
162 102.5 84.3 126.5
160 48.6 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.038 ng
RT: 16.134 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BN022074.D
Acq: 12 Oct 2022 22:20

Tgt Ion:330 Resp: 111
Ion Ratio Lower Upper
330 100
332 93.7 77.0 115.4
141 102.7 35.3 52.9#





#15

2-Fluorobiphenyl

Concen: 0.108 ng

RT: 13.253 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN022074.D

Acq: 12 Oct 2022 22:20

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-883-885

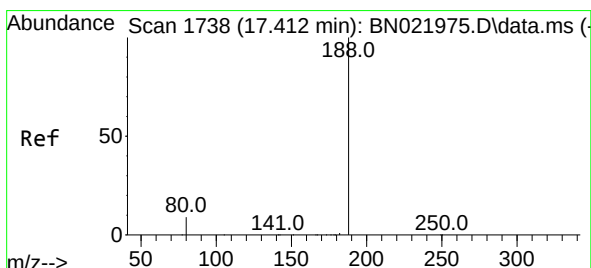
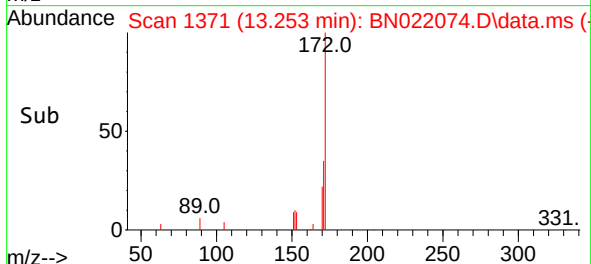
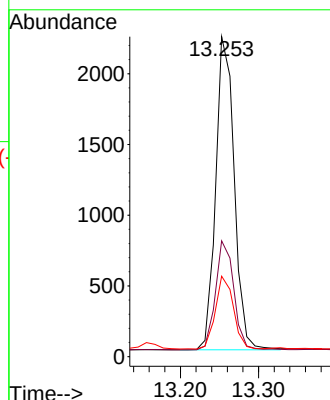
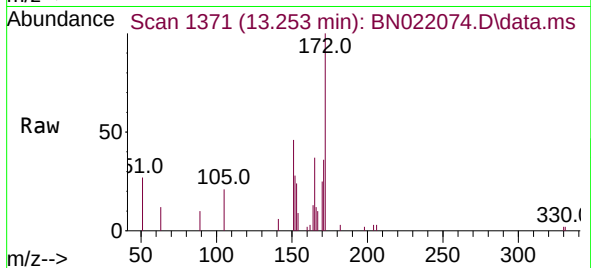
Tgt Ion:172 Resp: 3643

Ion Ratio Lower Upper

172 100

171 36.2 27.2 40.8

170 25.2 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.387 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BN022074.D

Acq: 12 Oct 2022 22:20

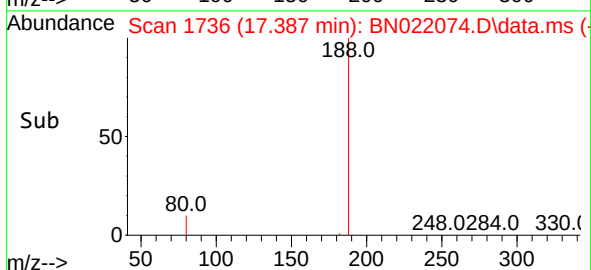
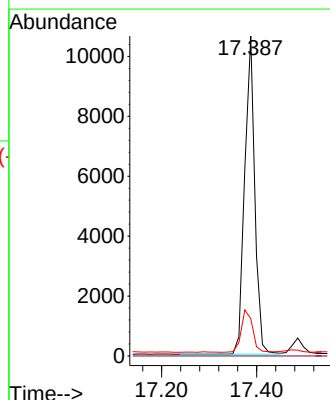
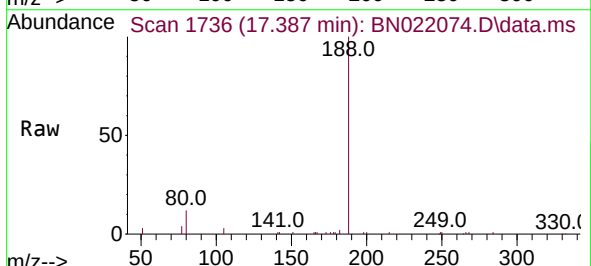
Tgt Ion:188 Resp: 15783

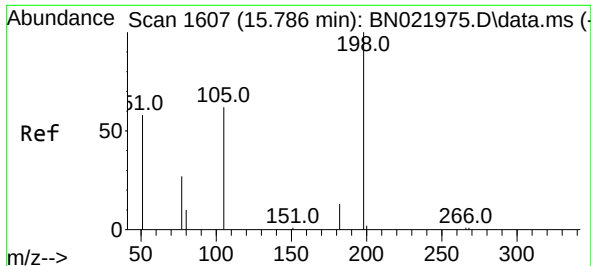
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 7.5 11.3#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.208 ng

RT: 15.774 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN022074.D

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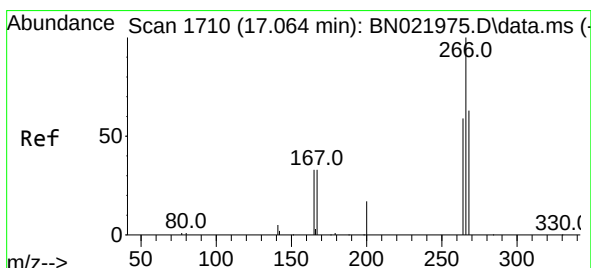
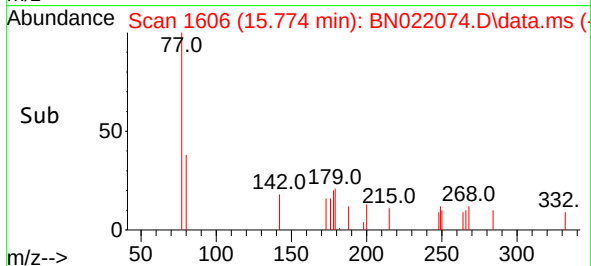
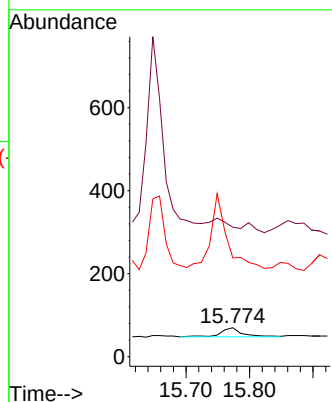
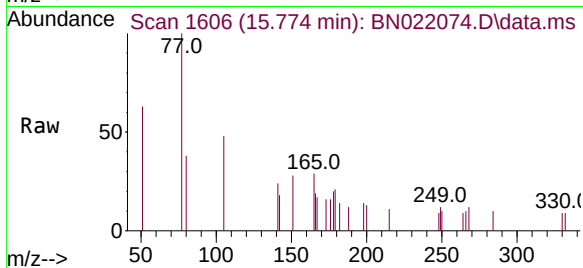
Tgt Ion:198 Resp: 51

Ion Ratio Lower Upper

198 100

51 445.7 96.6 144.8#

105 340.0 64.4 96.6#



#24

Pentachlorophenol

Concen: 0.092 ng

RT: 17.040 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BN022074.D

Acq: 12 Oct 2022 22:20

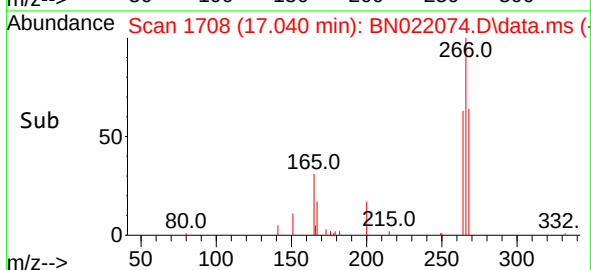
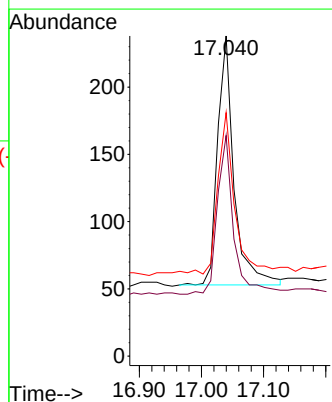
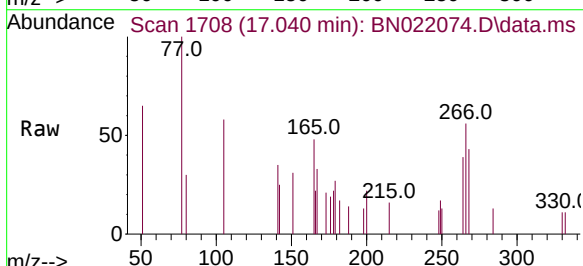
Tgt Ion:266 Resp: 339

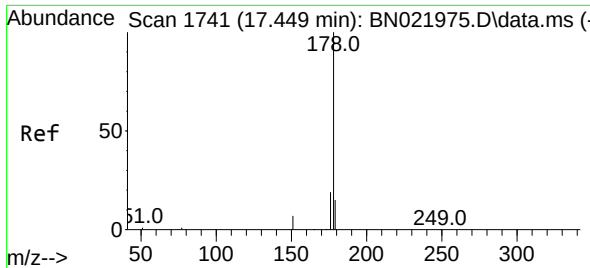
Ion Ratio Lower Upper

266 100

264 63.4 49.8 74.6

268 65.5 49.6 74.4

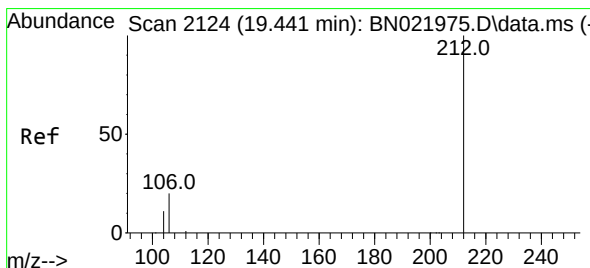
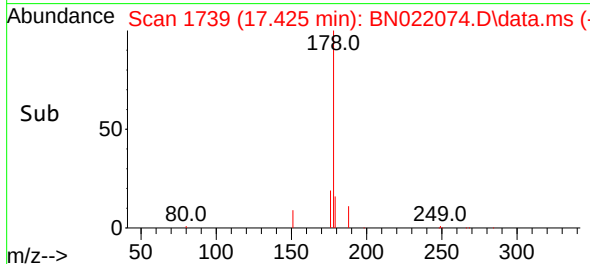
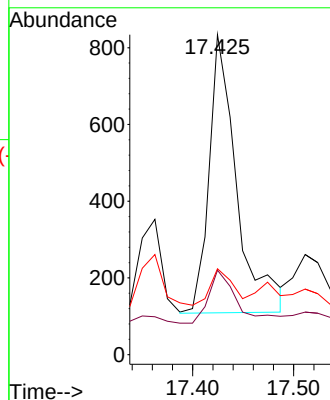
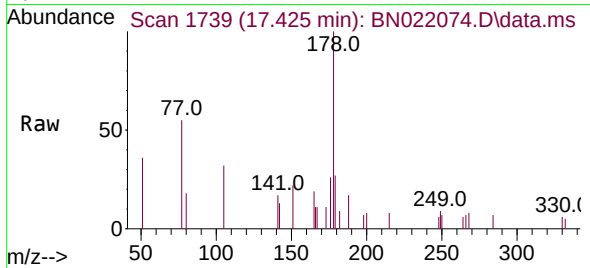




#25
Phenanthrene
Concen: 0.025 ng
RT: 17.425 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022074.D
Acq: 12 Oct 2022 22:20

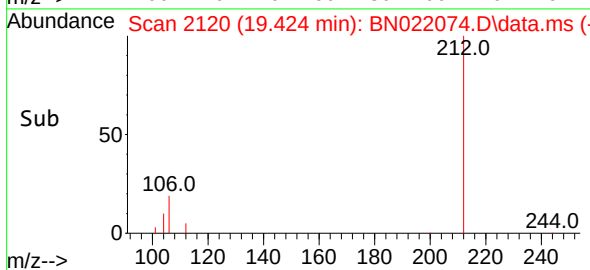
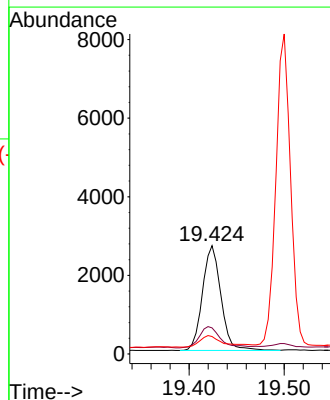
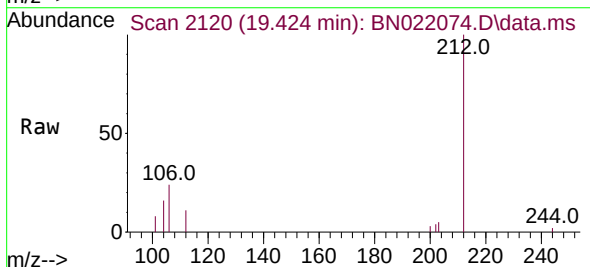
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-883-885

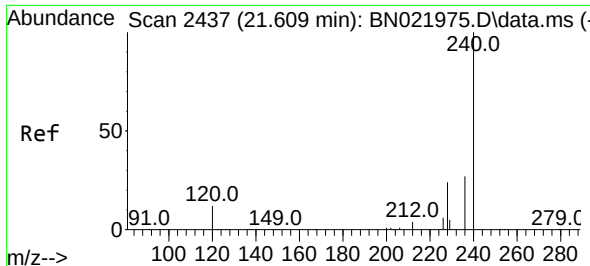
Tgt Ion:178 Resp: 1379
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 10.4 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.086 ng
RT: 19.424 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BN022074.D
Acq: 12 Oct 2022 22:20

Tgt Ion:212 Resp: 3610
Ion Ratio Lower Upper
212 100
106 23.0 15.2 22.8#
104 14.1 8.6 13.0#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.582 min Scan# 2437

Delta R.T. -0.009 min

Lab File: BN022074.D

Acq: 12 Oct 2022 22:20

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-883-885

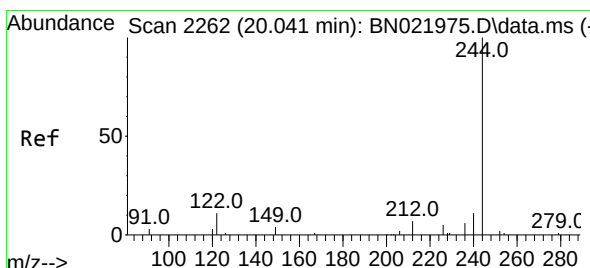
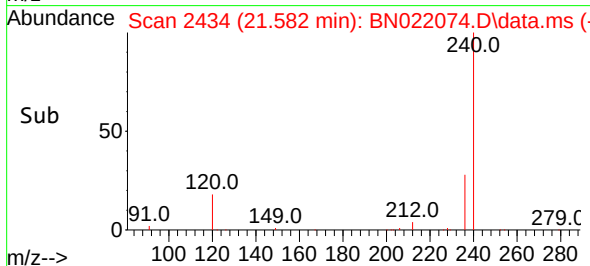
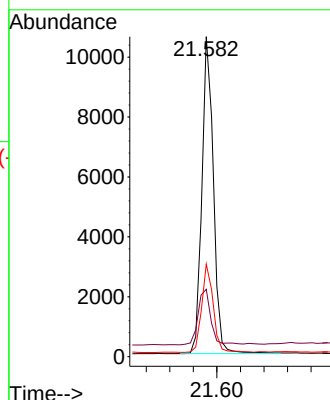
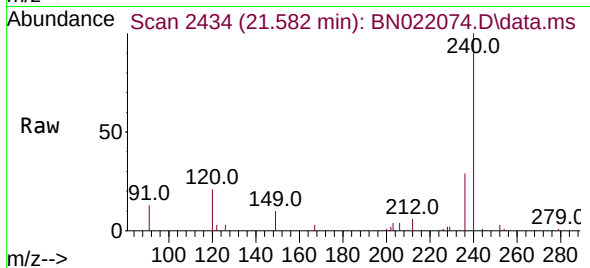
Tgt Ion:240 Resp: 14357

Ion Ratio Lower Upper

240 100

120 21.0 11.8 17.6#

236 29.0 22.4 33.6



#31

Terphenyl-d14

Concen: 0.096 ng

RT: 20.015 min Scan# 2259

Delta R.T. -0.009 min

Lab File: BN022074.D

Acq: 12 Oct 2022 22:20

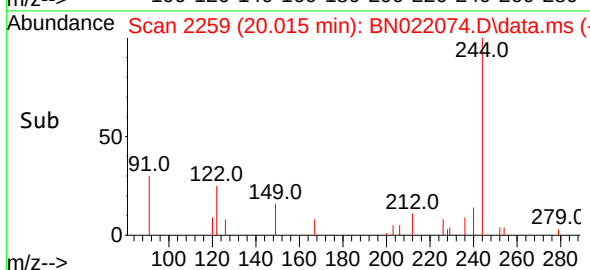
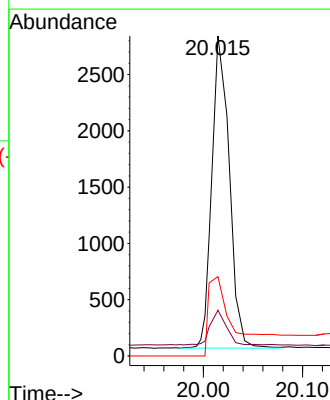
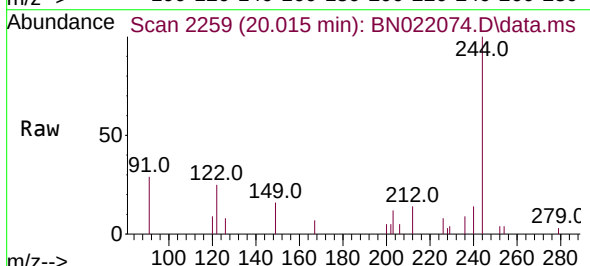
Tgt Ion:244 Resp: 2761

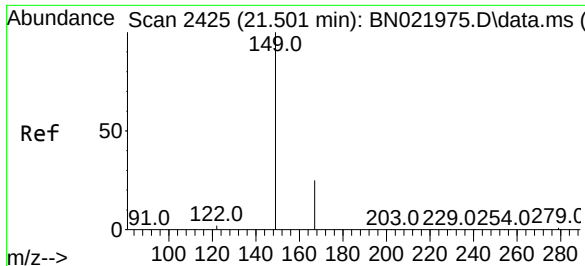
Ion Ratio Lower Upper

244 100

212 14.3 6.5 9.7#

122 24.8 9.1 13.7#

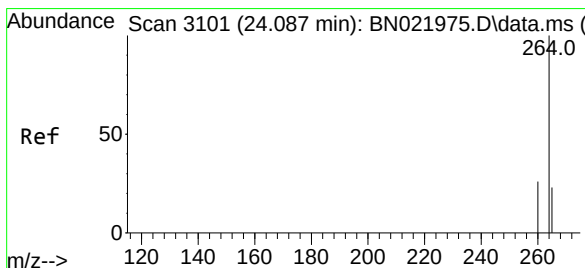
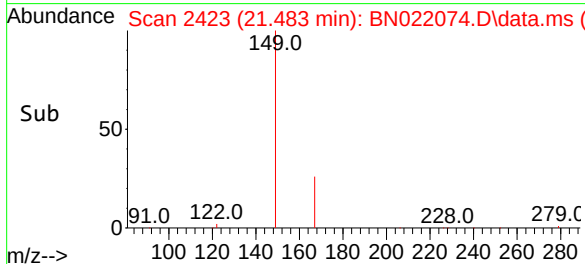
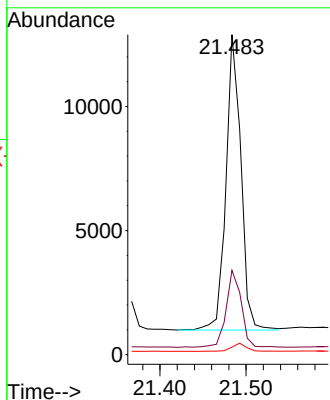
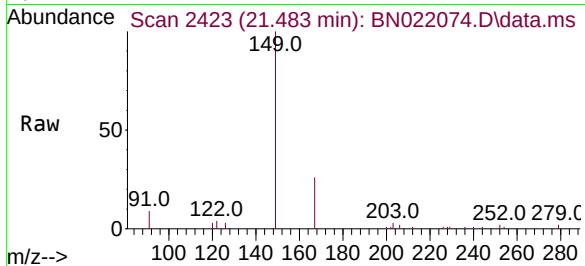




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.554 ng
 RT: 21.483 min Scan# 2423
 Delta R.T. -0.009 min
 Lab File: BN022074.D
 Acq: 12 Oct 2022 22:20

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-883-885

Tgt Ion:149 Resp: 14342
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.2 30.4
 279 2.8 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.052 min Scan# 3089
 Delta R.T. -0.009 min
 Lab File: BN022074.D
 Acq: 12 Oct 2022 22:20

Tgt Ion:264 Resp: 13166
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.3 31.9
 265 53.2 63.0 94.4#

