

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101322\
 Data File : BN022081.D
 Acq On : 13 Oct 2022 10:35
 Operator : CG/JU
 Sample : N5100-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Oct 14 08:47:14 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)

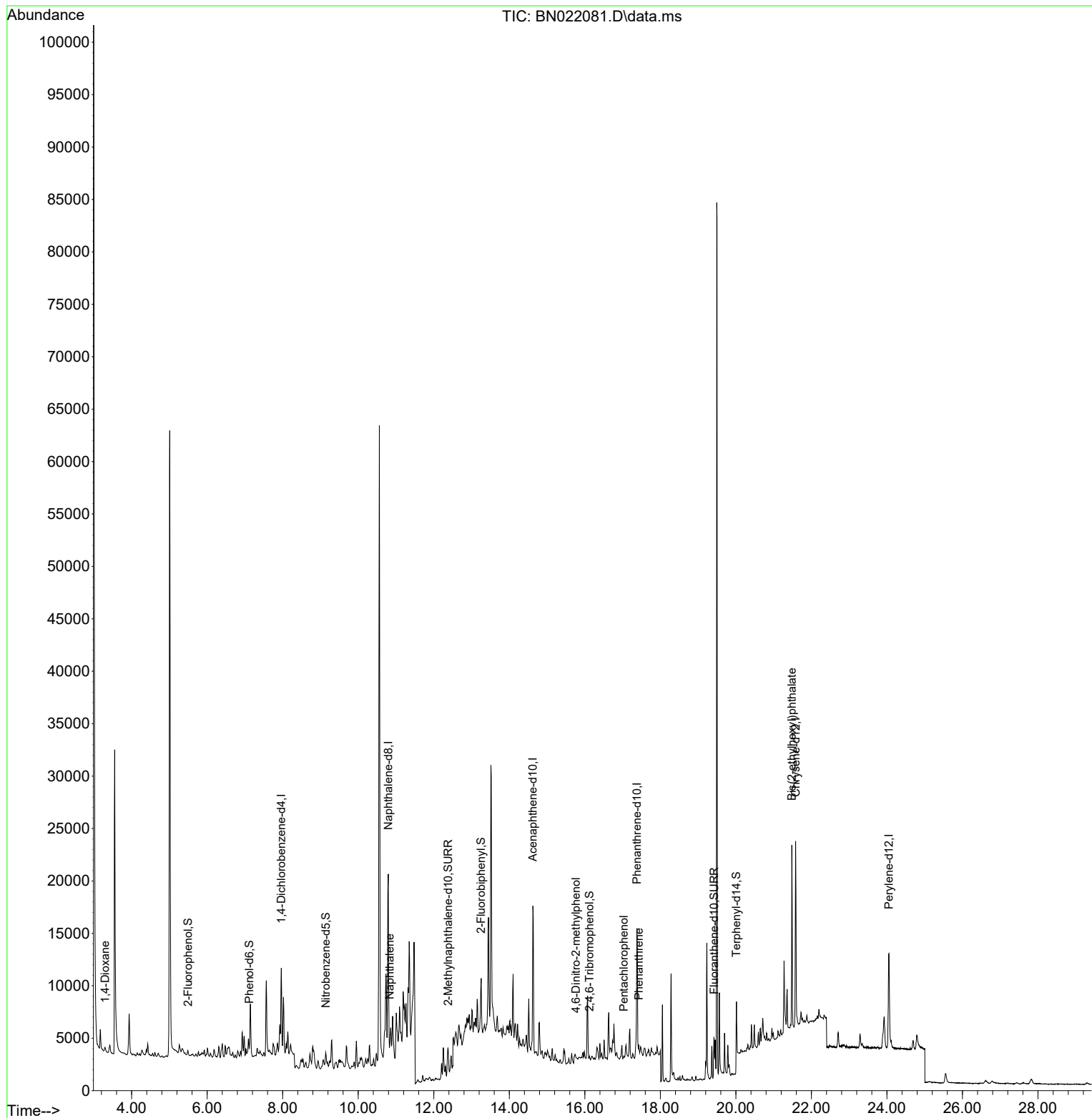
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	4071	0.400	ng	0.00
7) Naphthalene-d8	10.795	136	13797	0.400	ng	# 0.00
13) Acenaphthene-d10	14.625	164	8258	0.400	ng	0.00
19) Phenanthrene-d10	17.378	188	17037	0.400	ng	# 0.00
29) Chrysene-d12	21.582	240	15472	0.400	ng	# 0.00
35) Perylene-d12	24.052	264	13434	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.494	112	289	0.031	ng	0.00
5) Phenol-d6	7.119	99	453	0.037	ng	0.00
8) Nitrobenzene-d5	9.140	82	1675	0.151	ng	0.00
11) 2-Methylnaphthalene-d10	12.383	152	2932	0.116	ng	0.00
14) 2,4,6-Tribromophenol	16.125	330	127	0.040	ng	0.00
15) 2-Fluorobiphenyl	13.256	172	3978	0.110	ng	0.00
27) Fluoranthene-d10	19.424	212	3892	0.086	ng	0.00
31) Terphenyl-d14	20.014	244	3256	0.105	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.298	88	177	0.034	ng	# 1
9) Naphthalene	10.837	128	1828	0.044	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.765	198	16	0.197	ng	# 1
24) Pentachlorophenol	17.031	266	166	0.042	ng	96
25) Phenanthrene	17.428	178	1568	0.027	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.483	149	15838	0.567	ng	98

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

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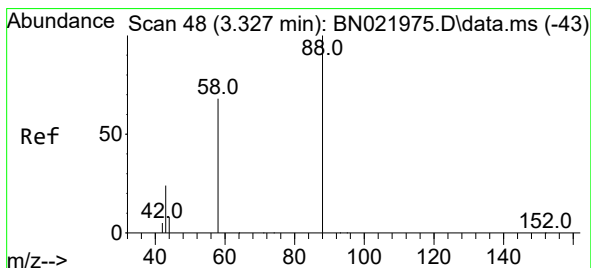
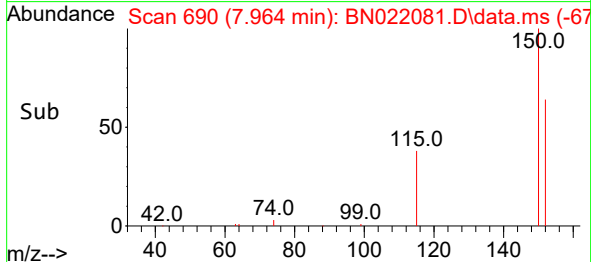
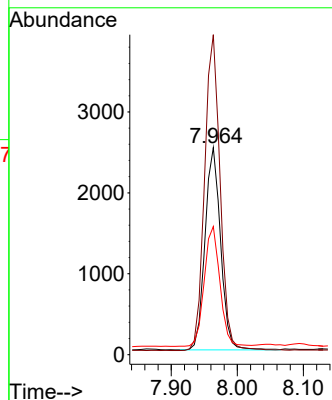
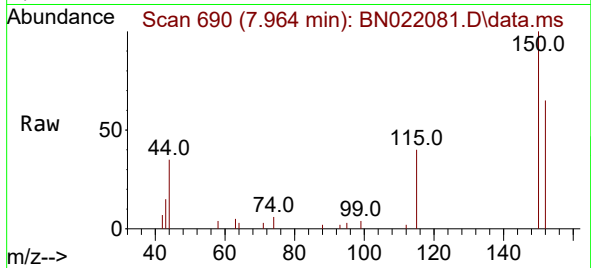




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.964 min Scan# 693
Delta R.T. -0.007 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

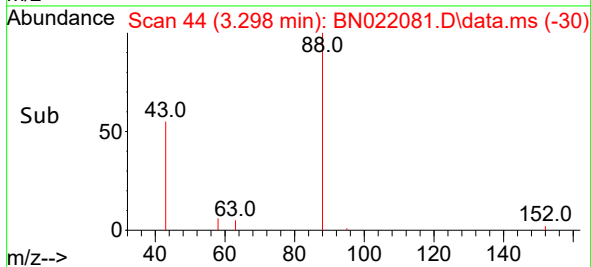
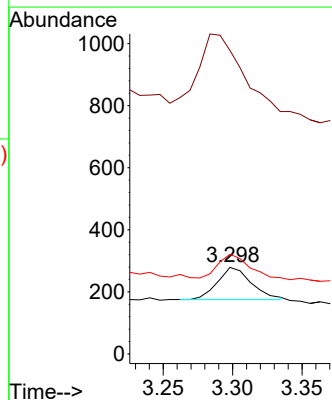
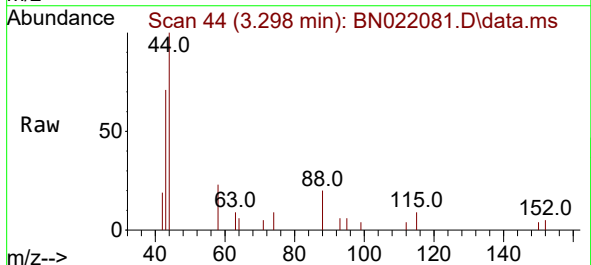
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-883-885RE

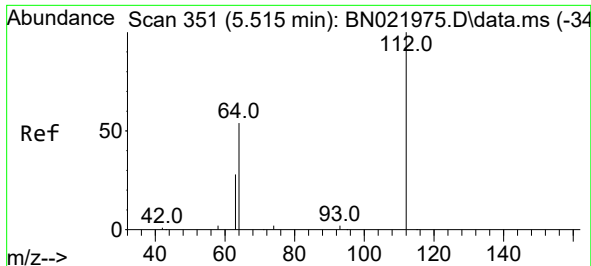
Tgt Ion:152 Resp: 4071
Ion Ratio Lower Upper
152 100
150 154.6 127.2 190.8
115 61.9 51.4 77.0



#2
1,4-Dioxane
Concen: 0.034 ng
RT: 3.298 min Scan# 44
Delta R.T. -0.000 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

Tgt Ion: 88 Resp: 177
Ion Ratio Lower Upper
88 100
43 309.0 22.6 34.0#
58 63.3 58.6 88.0

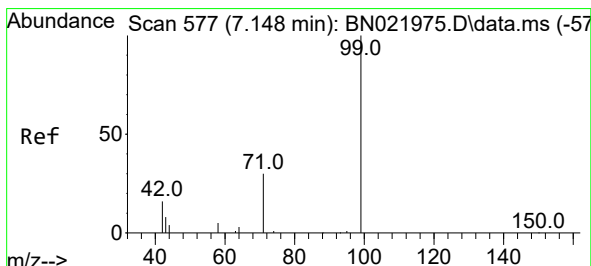
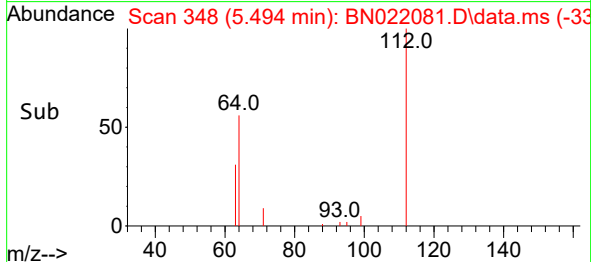
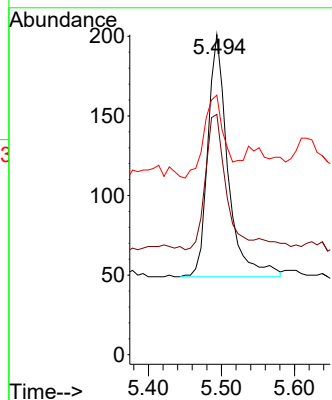
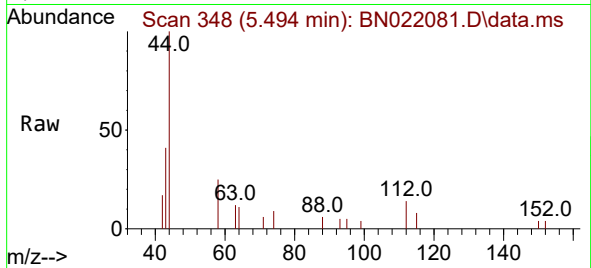




#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.494 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

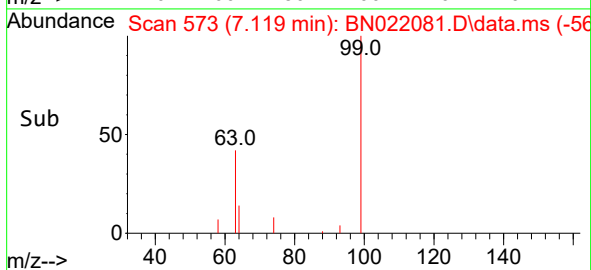
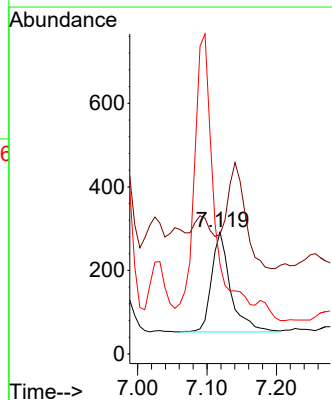
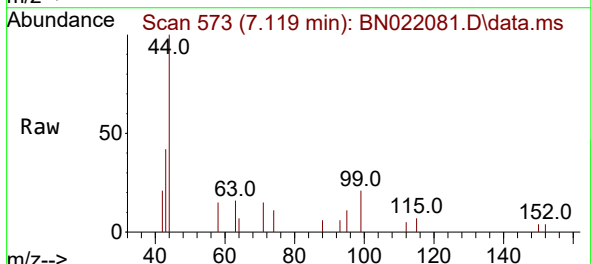
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-883-885RE

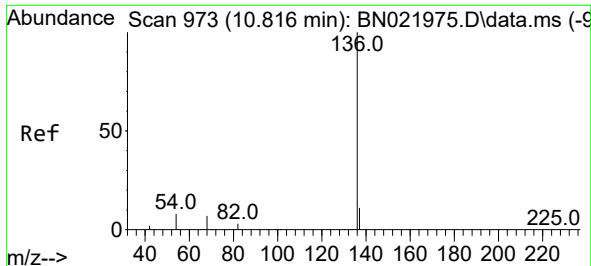
Tgt Ion:112 Resp: 289
Ion Ratio Lower Upper
112 100
64 57.1 46.9 70.3
63 35.3 24.6 37.0



#5
Phenol-d6
Concen: 0.037 ng
RT: 7.119 min Scan# 573
Delta R.T. -0.007 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

Tgt Ion: 99 Resp: 453
Ion Ratio Lower Upper
99 100
42 0.0 15.9 23.9#
71 0.0 25.6 38.4#

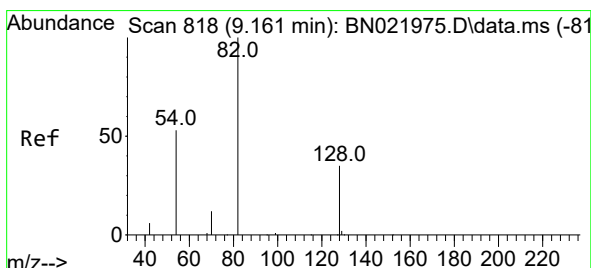
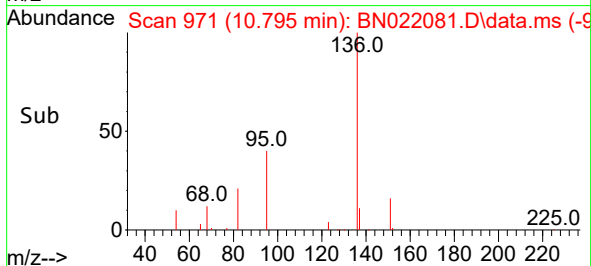
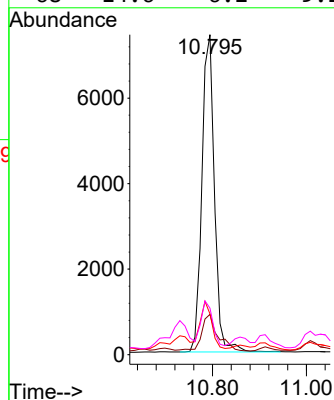
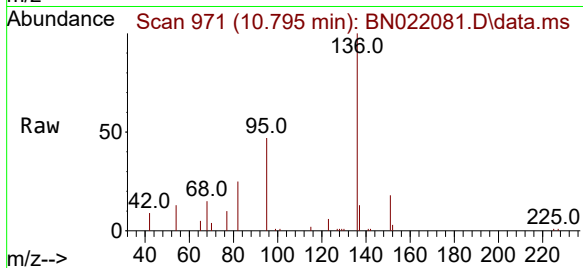




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

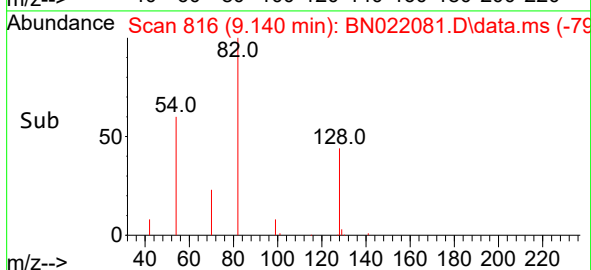
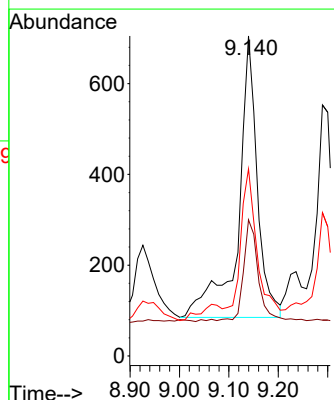
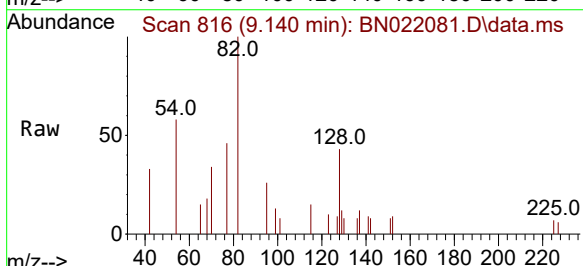
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-883-885RE

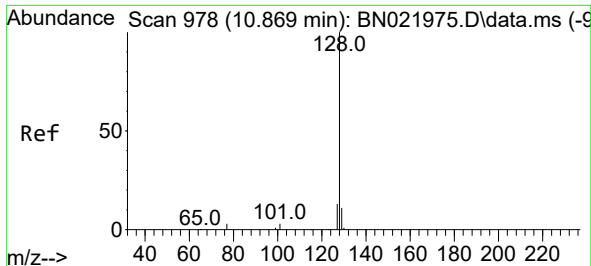
Tgt Ion:	136	Resp:	13797
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.2	13.8
54	12.7	7.1	10.7#
68	14.6	6.2	9.2#



#8
Nitrobenzene-d5
Concen: 0.151 ng
RT: 9.140 min Scan# 816
Delta R.T. -0.000 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

Tgt Ion:	82	Resp:	1675
Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.9	44.9
54	58.4	43.5	65.3

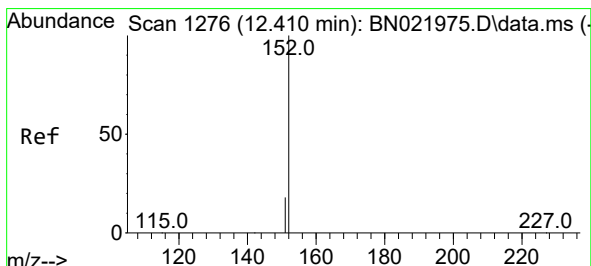
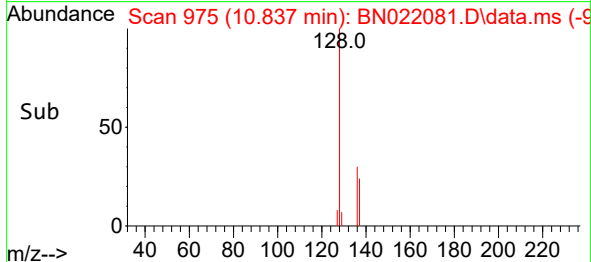
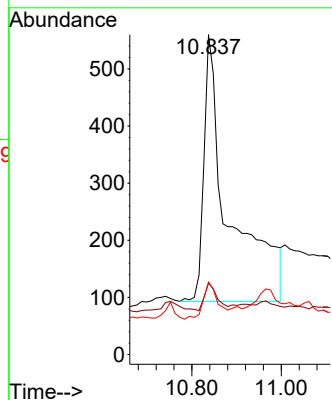
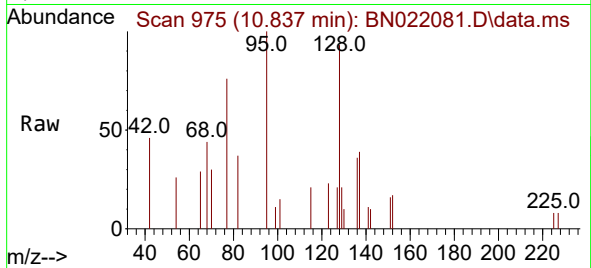




#9
Naphthalene
Concen: 0.044 ng
RT: 10.837 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

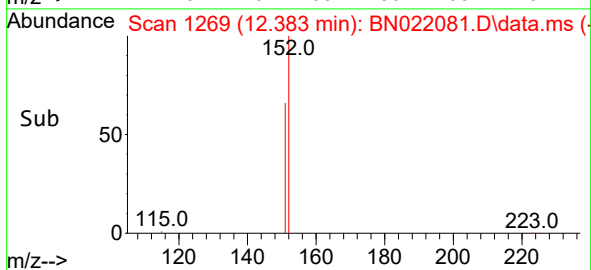
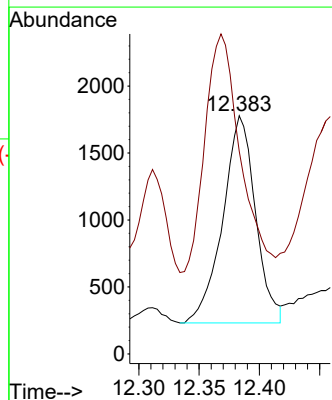
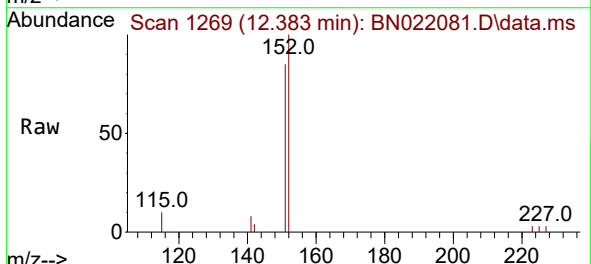
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-883-885RE

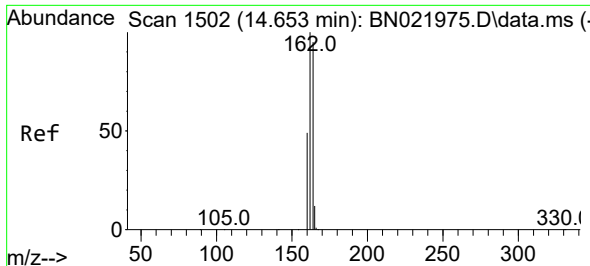
Tgt Ion:128 Resp: 1828
Ion Ratio Lower Upper
128 100
129 22.3 9.3 13.9#
127 22.7 10.6 16.0#



#11
2-Methylnaphthalene-d10
Concen: 0.116 ng
RT: 12.383 min Scan# 1269
Delta R.T. -0.008 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

Tgt Ion:152 Resp: 2932
Ion Ratio Lower Upper
152 100
151 122.5 13.8 20.6#

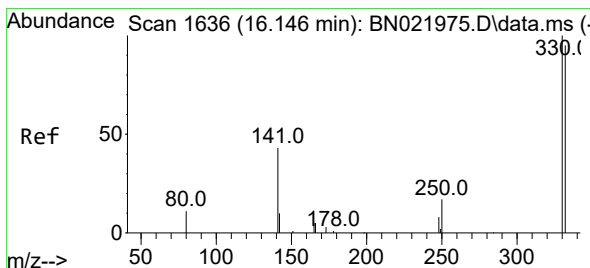
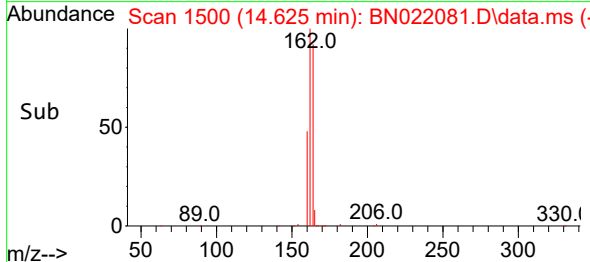
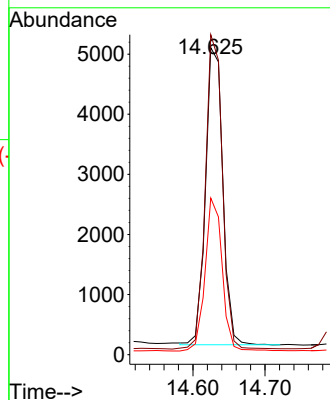
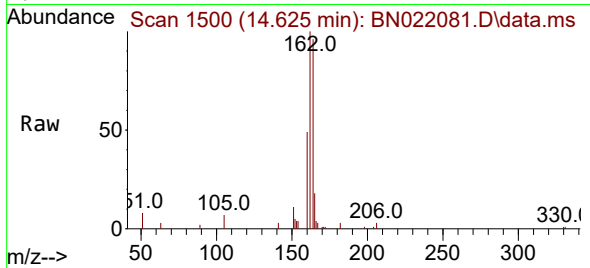




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.625 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

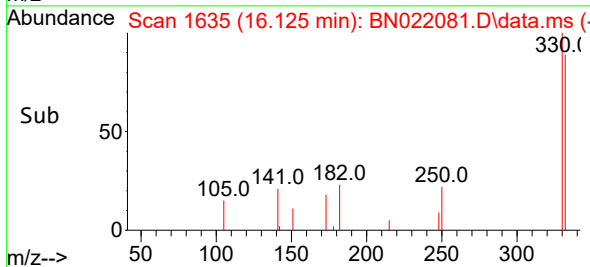
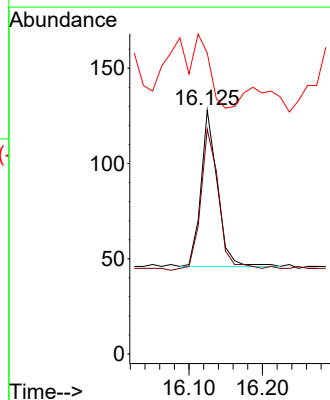
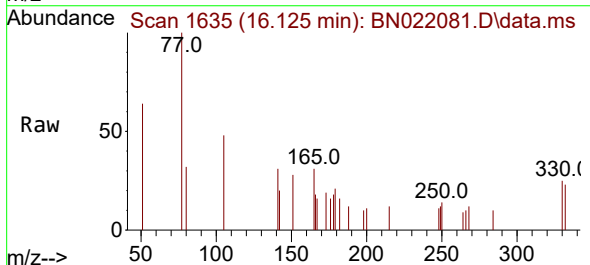
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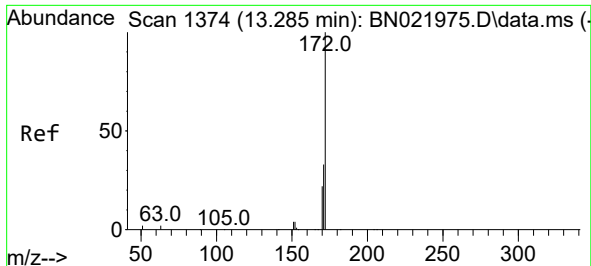
Tgt Ion:164 Resp: 8258
Ion Ratio Lower Upper
164 100
162 104.2 84.3 126.5
160 51.0 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.040 ng
RT: 16.125 min Scan# 1635
Delta R.T. -0.009 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

Tgt Ion:330 Resp: 127
Ion Ratio Lower Upper
330 100
332 102.4 77.0 115.4
141 0.0 35.3 52.9#

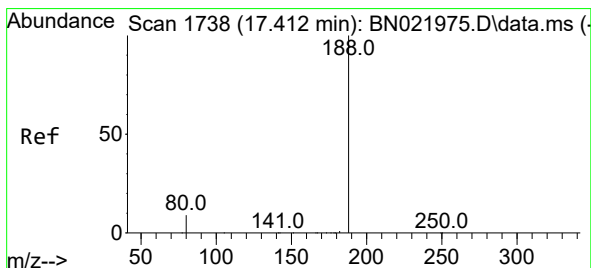
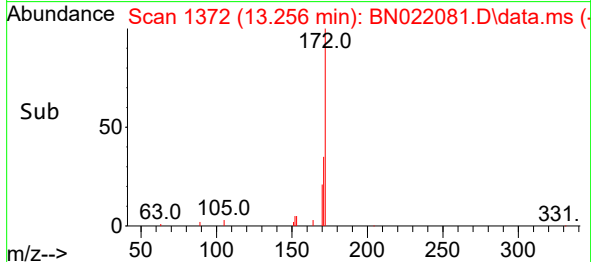
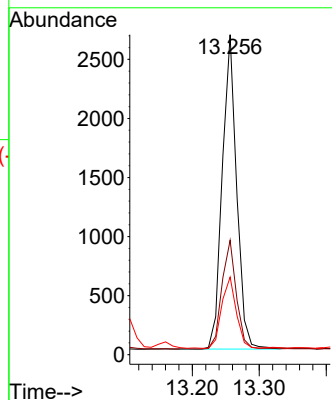
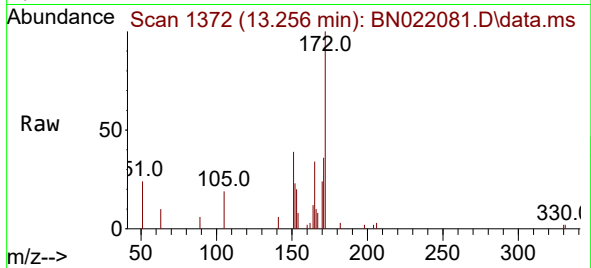




#15
2-Fluorobiphenyl
Concen: 0.110 ng
RT: 13.256 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

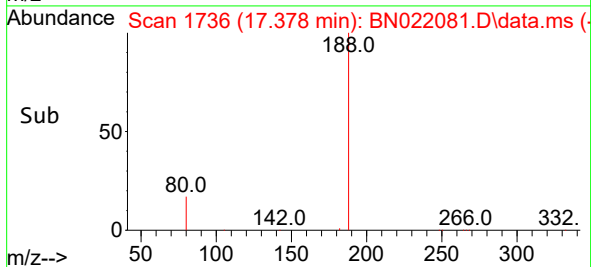
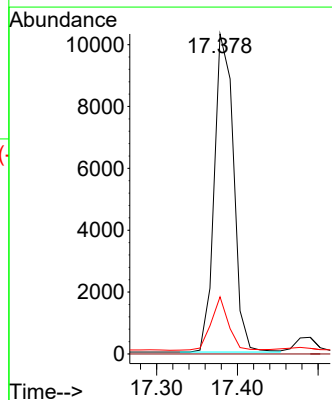
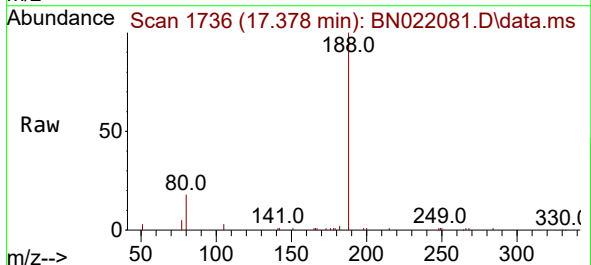
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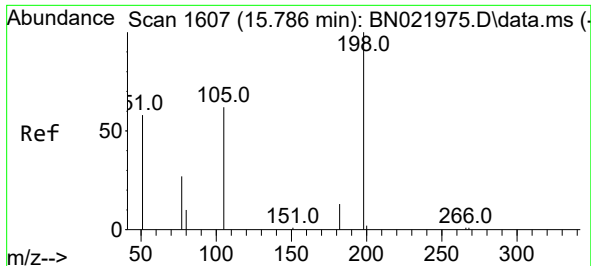
Tgt Ion:172 Resp: 3978
Ion Ratio Lower Upper
172 100
171 35.8 27.2 40.8
170 24.3 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.378 min Scan# 1736
Delta R.T. -0.009 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

Tgt Ion:188 Resp: 17037
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.8 7.5 11.3#

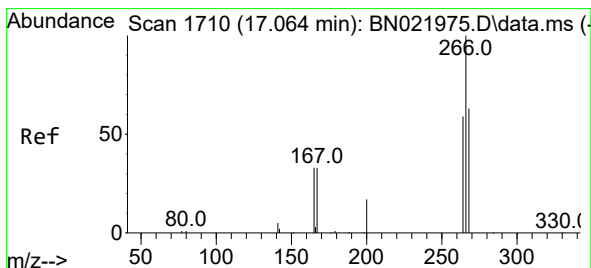
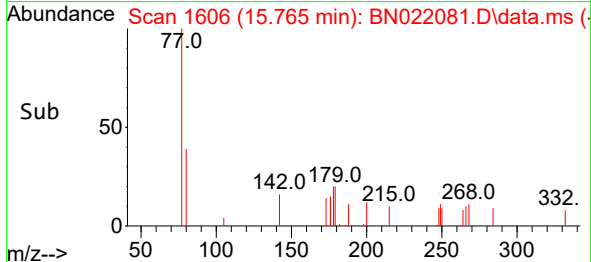
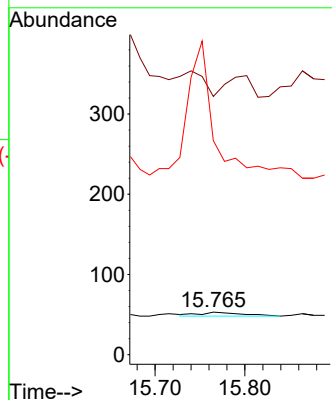
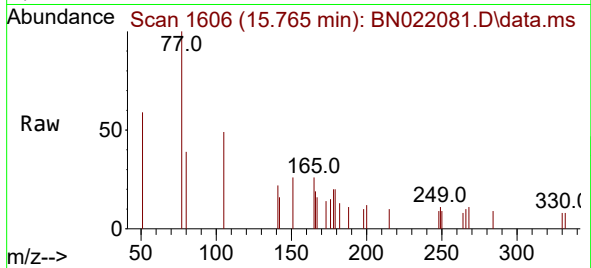




#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.765 min Scan# 1606
Delta R.T. -0.009 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

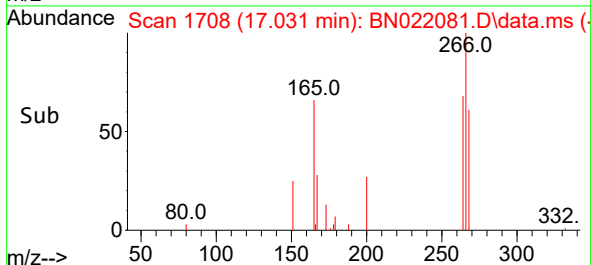
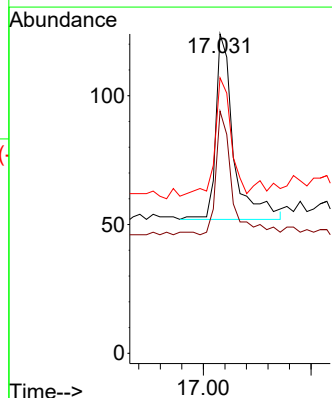
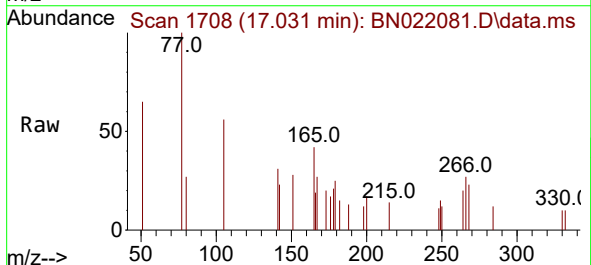
Instrument :
BNA_N
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BP-VPB-RW5-GW-883-885RE

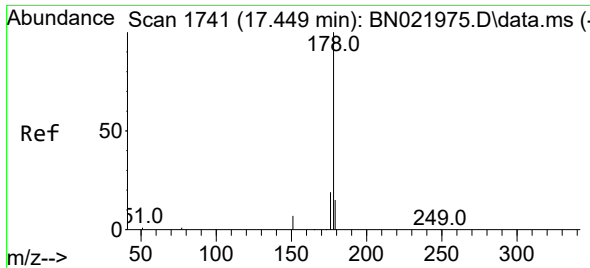
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 607.5 96.6 144.8#
105 503.8 64.4 96.6#



#24
Pentachlorophenol
Concen: 0.042 ng
RT: 17.031 min Scan# 1708
Delta R.T. -0.009 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

Tgt Ion:266 Resp: 166
Ion Ratio Lower Upper
266 100
264 59.6 49.8 74.6
268 57.8 49.6 74.4

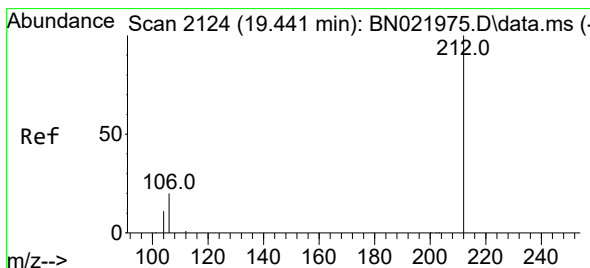
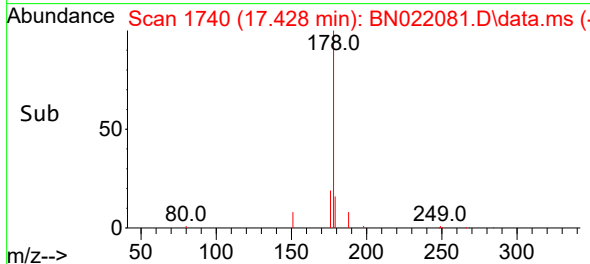
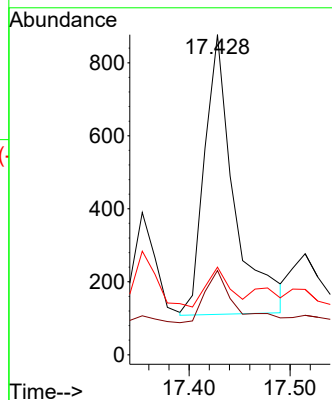
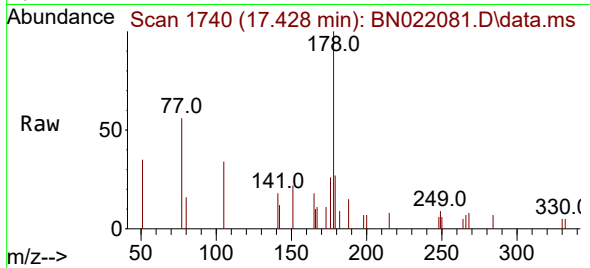




#25
Phenanthrene
Concen: 0.027 ng
RT: 17.428 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

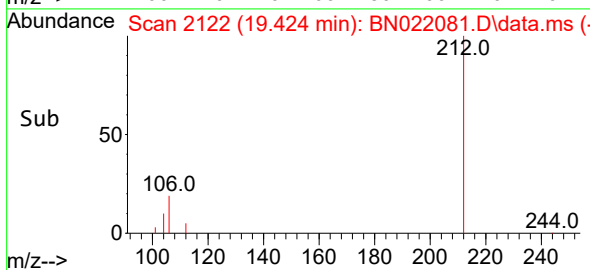
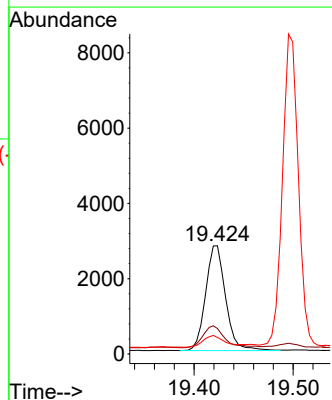
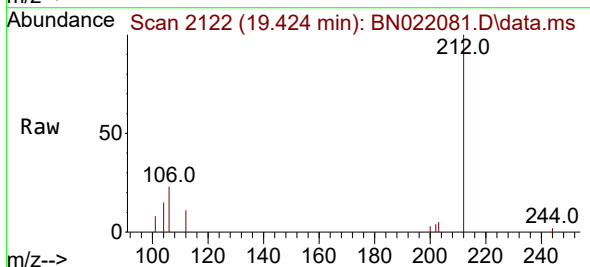
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-883-885RE

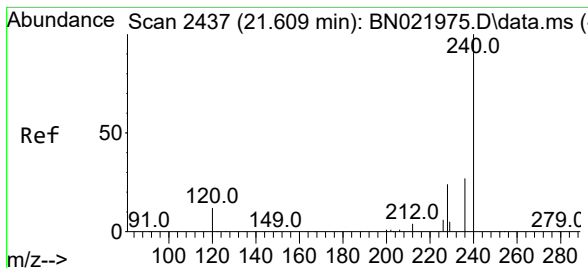
Tgt Ion:178 Resp: 1568
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 11.3 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.086 ng
RT: 19.424 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

Tgt Ion:212 Resp: 3892
Ion Ratio Lower Upper
212 100
106 23.0 15.2 22.8#
104 12.5 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.582 min Scan# 2436

Delta R.T. -0.009 min

Lab File: BN022081.D

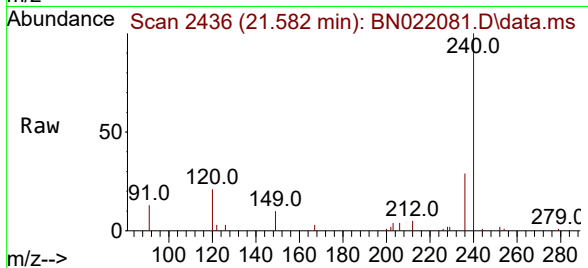
Acq: 13 Oct 2022 10:35

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-883-885RE



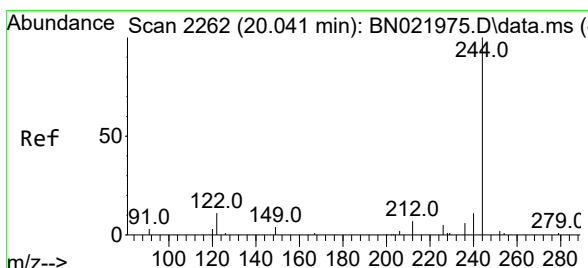
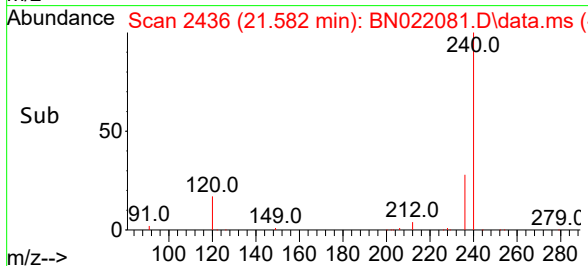
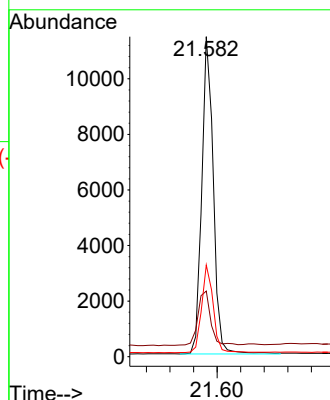
Tgt Ion:240 Resp: 15472

Ion Ratio Lower Upper

240 100

120 20.5 11.8 17.6#

236 28.7 22.4 33.6



#31

Terphenyl-d14

Concen: 0.105 ng

RT: 20.014 min Scan# 2261

Delta R.T. -0.009 min

Lab File: BN022081.D

Acq: 13 Oct 2022 10:35

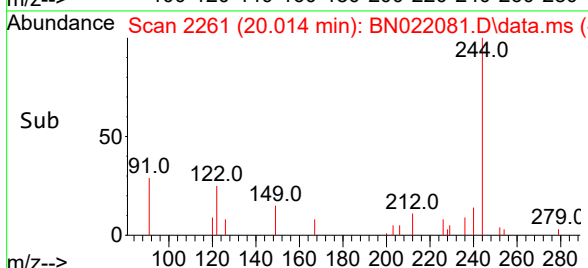
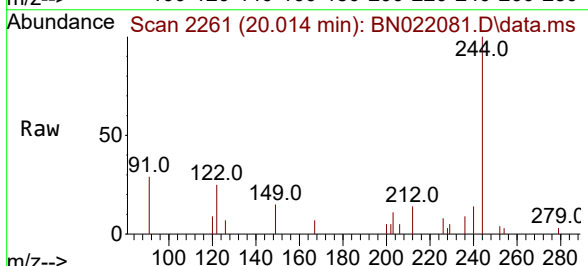
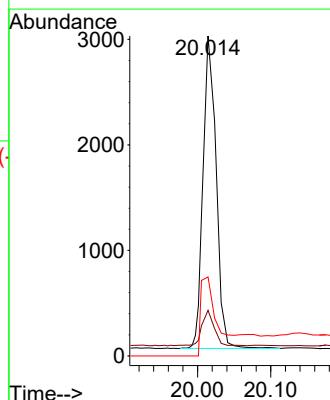
Tgt Ion:244 Resp: 3256

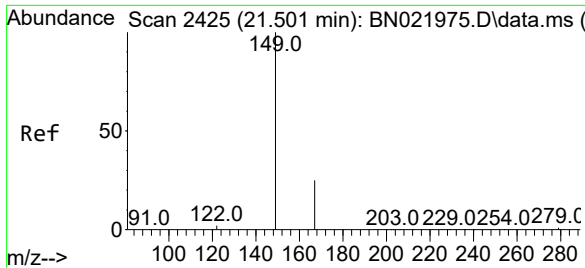
Ion Ratio Lower Upper

244 100

212 14.2 6.5 9.7#

122 24.7 9.1 13.7#

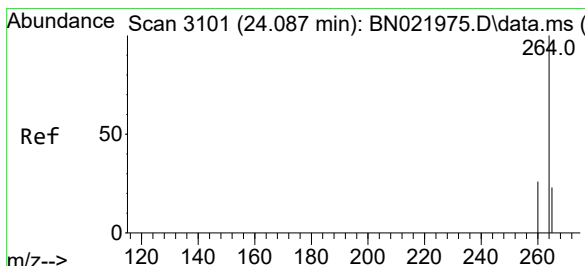
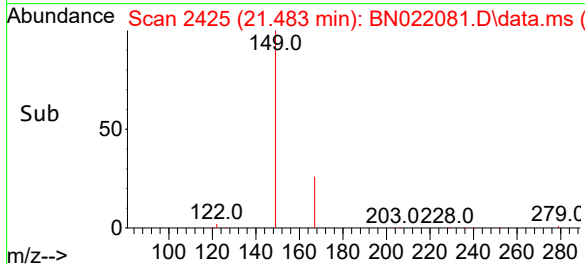
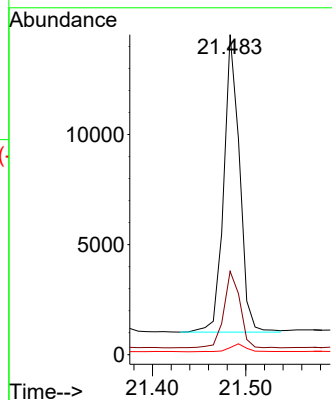
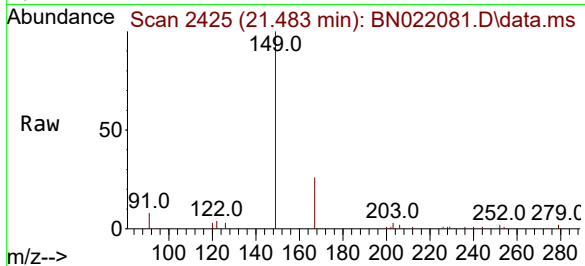




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.567 ng
RT: 21.483 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

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

Tgt Ion:149 Resp: 15838
Ion Ratio Lower Upper
149 100
167 26.1 20.2 30.4
279 2.8 2.3 3.5



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.052 min Scan# 3091
Delta R.T. -0.009 min
Lab File: BN022081.D
Acq: 13 Oct 2022 10:35

Tgt Ion:264 Resp: 13434
Ion Ratio Lower Upper
264 100
260 26.7 21.3 31.9
265 54.1 63.0 94.4#

