

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
 Data File : BN014708.D
 Acq On : 22 May 2021 01:45
 Operator : CG/JU
 Sample : M2472-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

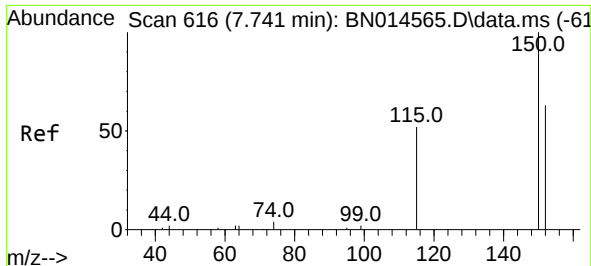
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-888-890

Quant Time: May 22 04:03:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 21 11:30:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1017	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3901	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	3060	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	6280	0.40	ng	# 0.00
29) Chrysene-d12	21.314	240	7118	0.40	ng	# 0.00
35) Perylene-d12	23.585	264	6474	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	426	0.16	ng	0.00
5) Phenol-d6	6.903	99	700	0.20	ng	0.00
8) Nitrobenzene-d5	8.870	82	719	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	1663	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	324	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	2550	0.23	ng	0.00
27) Fluoranthene-d10	19.158	212	4327	0.15	ng	0.00
31) Terphenyl-d14	19.759	244	4648	0.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.279	88	101	Below Cal	#	32
3) n-Nitrosodimethylamine	3.625	42	46	0.09	ng	# 1
9) Naphthalene	10.555	128	736	0.07	ng	# 66
12) 2-Methylnaphthalene	12.177	142	354	0.05	ng	# 72
17) Acenaphthene	14.486	154	433	0.05	ng	# 10
20) 4,6-Dinitro-2-methylph...	15.488	198	181	0.32	ng	# 1
21) 4-Bromophenyl-phenylether	16.301	248	107	0.03	ng	# 1
23) Atrazine	16.568	200	77	0.03	ng	# 1
24) Pentachlorophenol	16.800	266	43	0.03	ng	# 67
25) Phenanthrene	17.165	178	939	0.05	ng	# 71
28) Fluoranthene	19.188	202	598	0.03	ng	# 74
30) Pyrene	19.551	202	800	0.04	ng	# 91
32) Benzo(a)anthracene	21.303	228	537	0.03	ng	# 30
34) Bis(2-ethylhexyl)phtha...	21.239	149	8714	1.52	ng	# 75
37) Benzo(b)fluoranthene	22.904	252	1197	0.05	ng	# 1
39) Benzo(a)pyrene	23.633	252	9548	0.51	ng	97

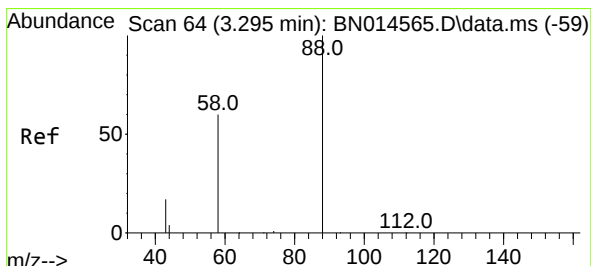
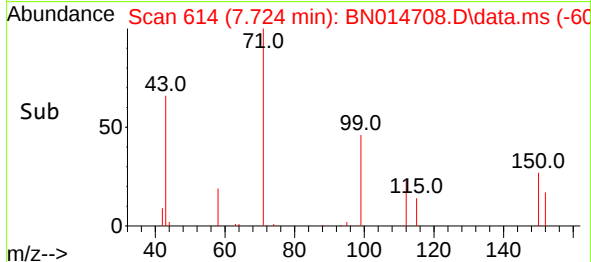
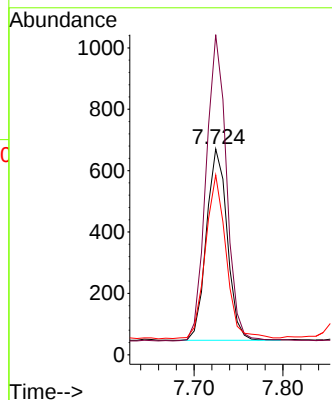
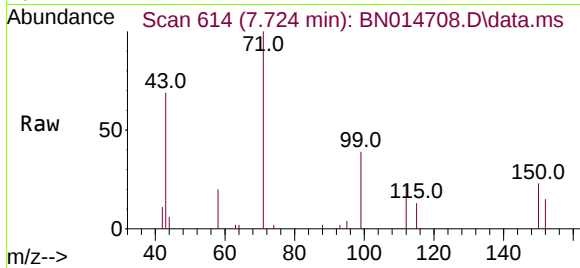
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.724 min Scan# 614
 Delta R.T. -0.001 min
 Lab File: BN014708.D
 Acq: 22 May 2021 01:45

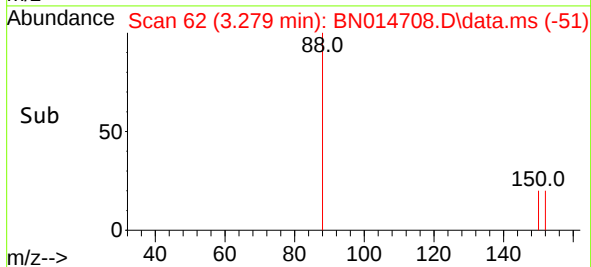
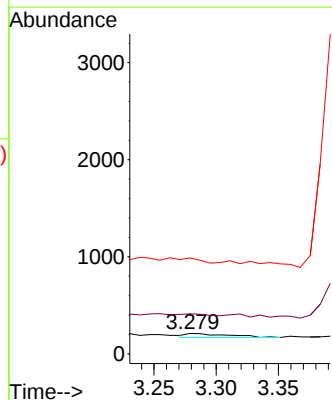
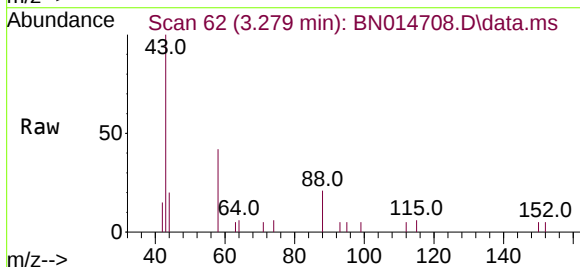
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-888-890

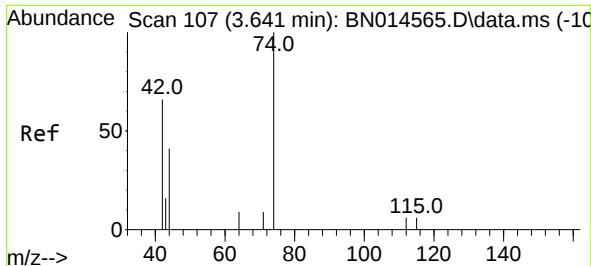
Tgt Ion:152 Resp: 1017
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.8 185.8
 115 87.3 47.0 70.4#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.279 min Scan# 62
 Delta R.T. -0.008 min
 Lab File: BN014708.D
 Acq: 22 May 2021 01:45

Tgt Ion: 88 Resp: 101
 Ion Ratio Lower Upper
 88 100
 58 0.0 44.4 66.6#
 43 0.0 15.9 23.9#

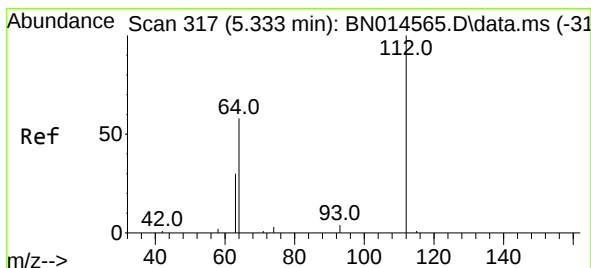
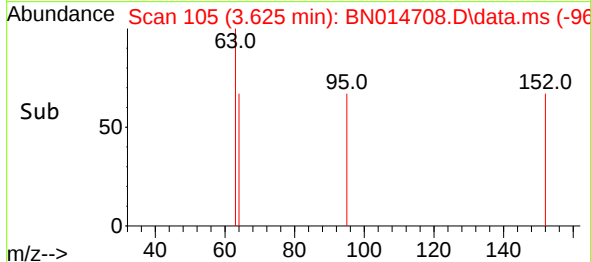
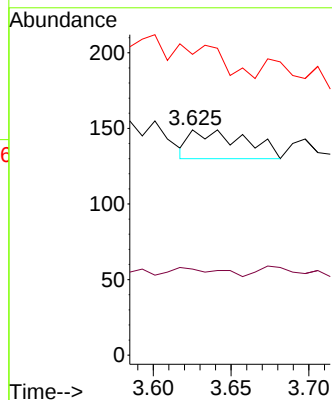
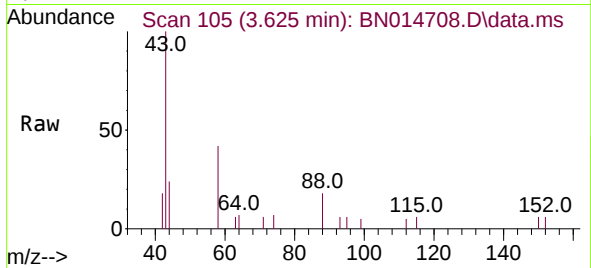




#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.625 min Scan# 105
Delta R.T. -0.024 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

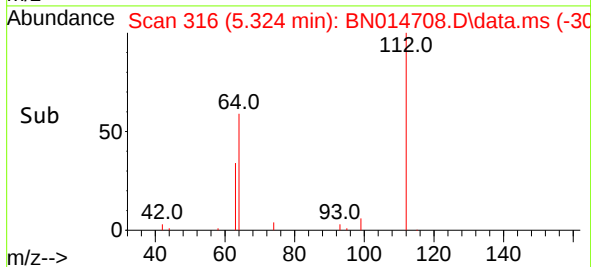
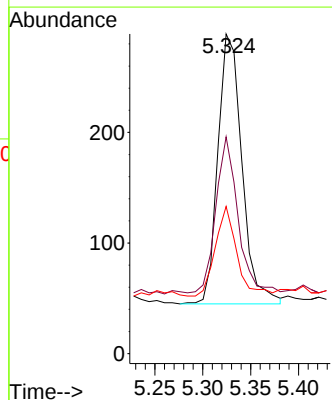
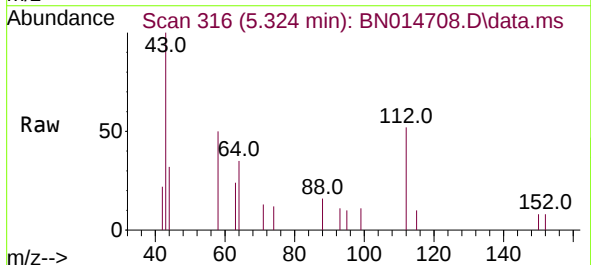
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

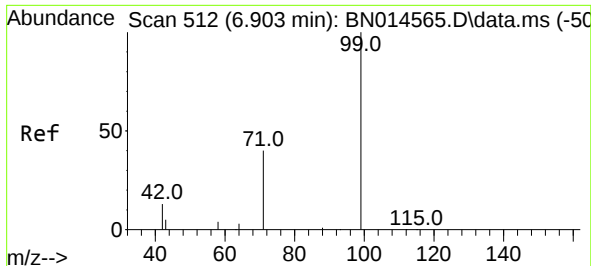
Tgt Ion: 42 Resp: 46
Ion Ratio Lower Upper
42 100
74 26.1 175.1 262.7#
44 0.0 7.5 11.3#



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Tgt Ion: 112 Resp: 426
Ion Ratio Lower Upper
112 100
64 52.3 41.8 62.6
63 29.8 22.0 33.0

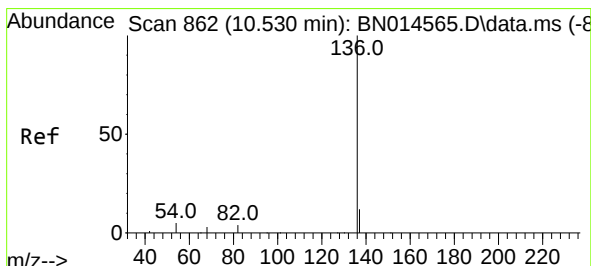
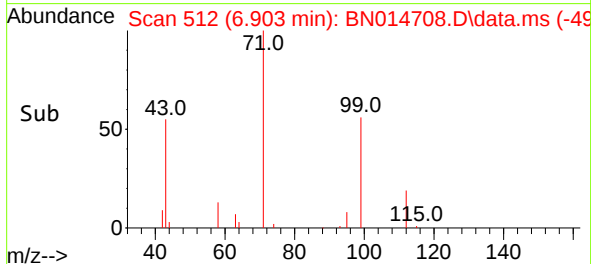
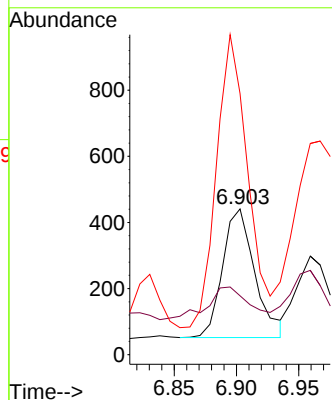
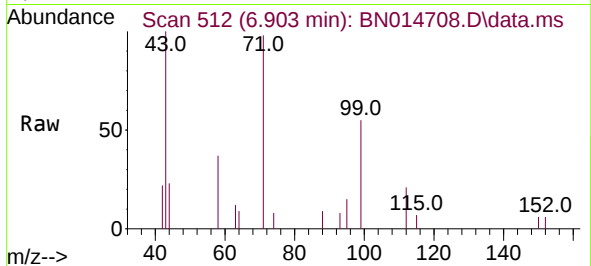




#5
Phenol-d6
Concen: 0.20 ng
RT: 6.903 min Scan# 512
Delta R.T. 0.008 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

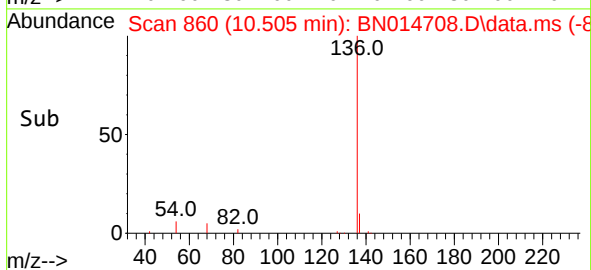
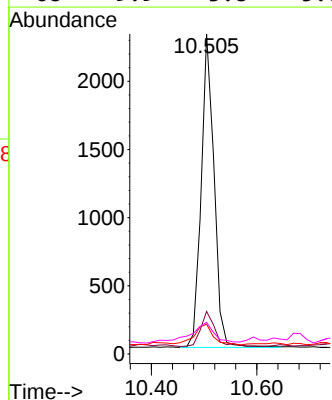
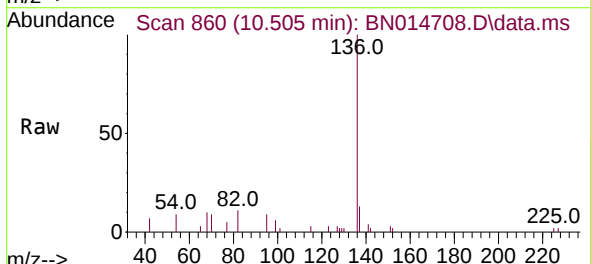
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

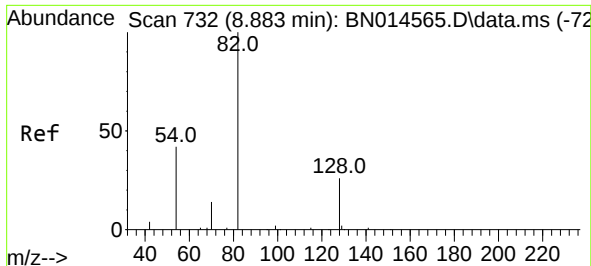
Tgt Ion: 99 Resp: 700
Ion Ratio Lower Upper
99 100
42 32.6 13.2 19.8#
71 220.6 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Tgt Ion: 136 Resp: 3901
Ion Ratio Lower Upper
136 100
137 13.3 8.9 13.3
54 9.3 3.8 5.8#
68 9.9 3.8 5.6#

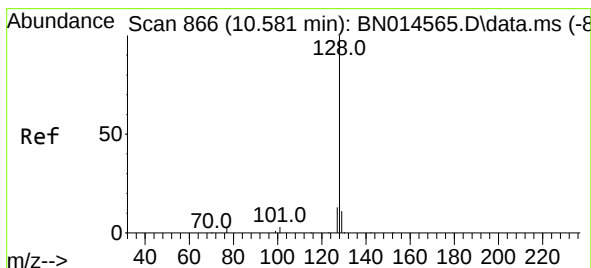
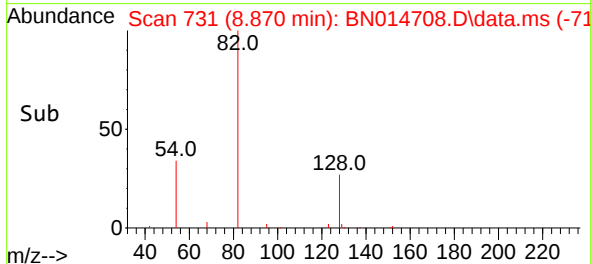
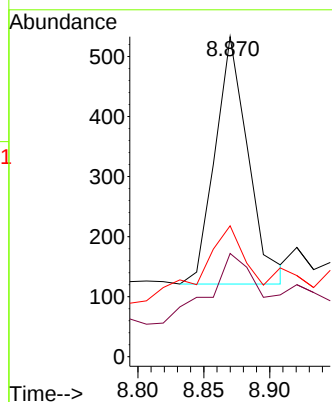
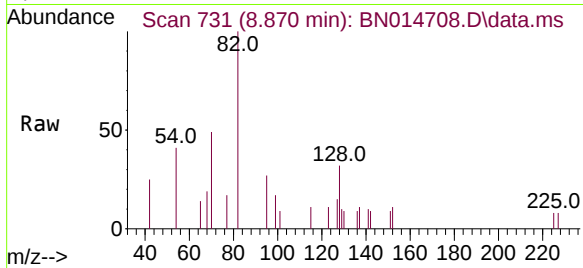




#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

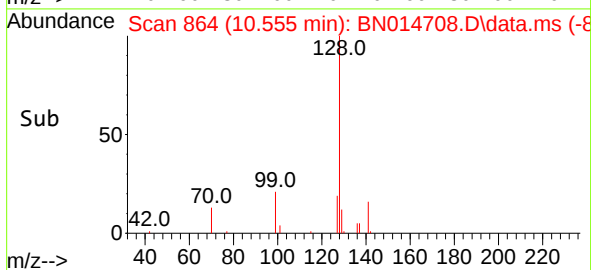
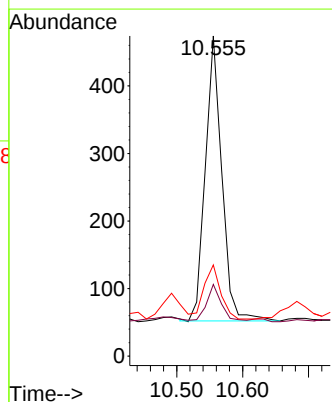
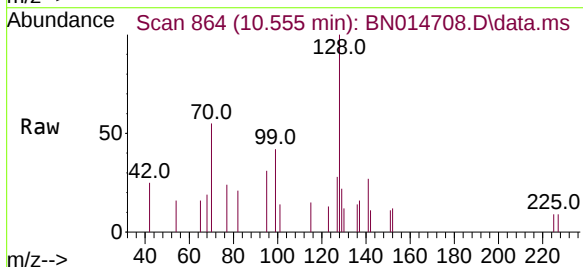
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

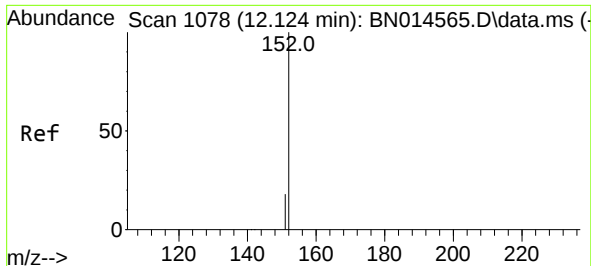
Tgt Ion: 82 Resp: 719
Ion Ratio Lower Upper
82 100
128 32.3 29.5 44.3
54 40.9 36.9 55.3



#9
Naphthalene
Concen: 0.07 ng
RT: 10.555 min Scan# 864
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Tgt Ion: 128 Resp: 736
Ion Ratio Lower Upper
128 100
129 22.4 9.0 13.4#
127 28.5 10.4 15.6#

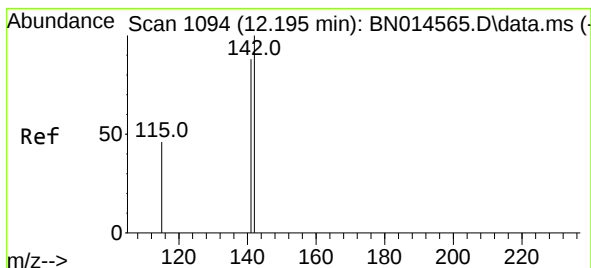
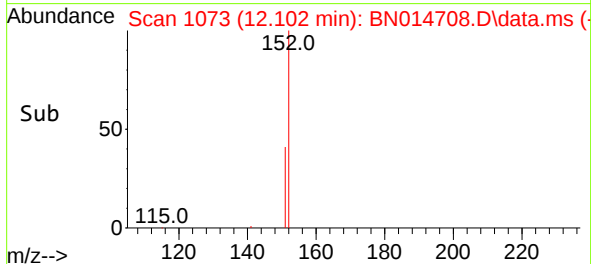
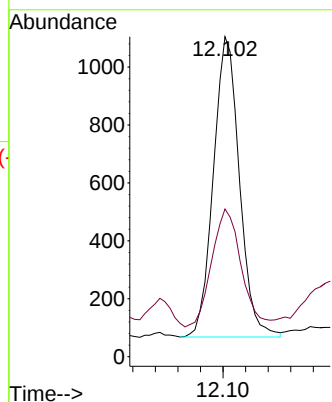
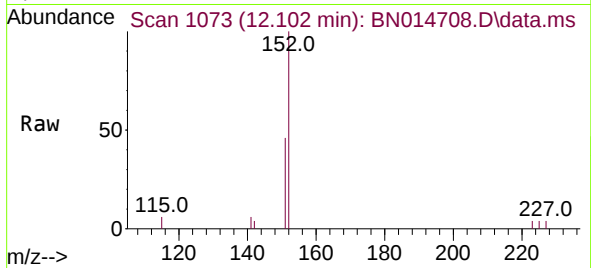




#11
2-Methylnaphthalene-d10
Concen: 0.18 ng
RT: 12.102 min Scan# 1073
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

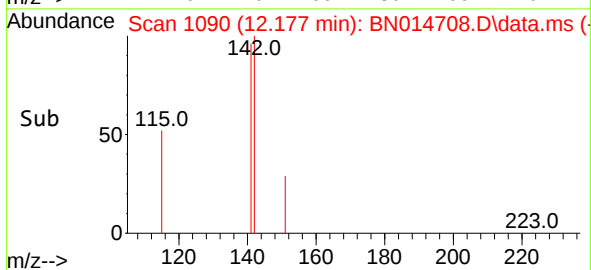
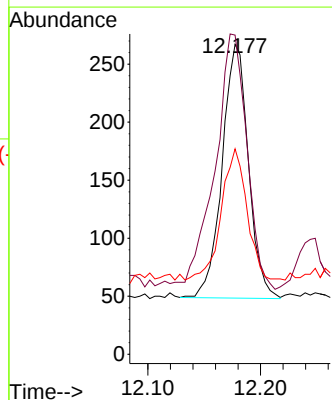
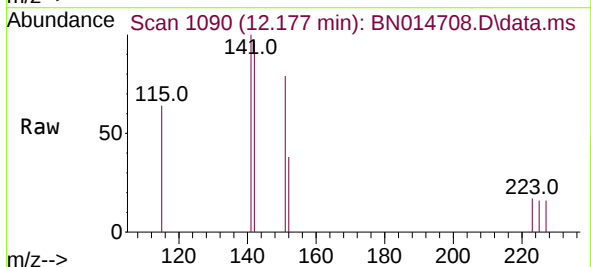
Instrument :
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ClientSampleId :
BP-VPB-RW8-GW-888-890

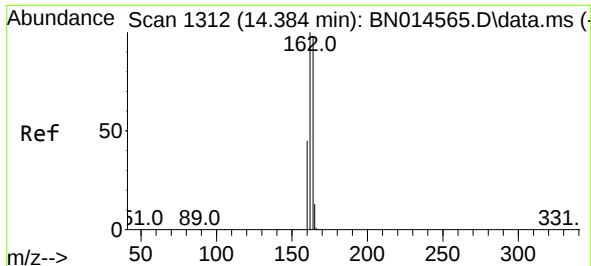
Tgt Ion:152 Resp: 1663
Ion Ratio Lower Upper
152 100
151 44.1 16.2 24.2#



#12
2-Methylnaphthalene
Concen: 0.05 ng
RT: 12.177 min Scan# 1090
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Tgt Ion:142 Resp: 354
Ion Ratio Lower Upper
142 100
141 103.0 70.2 105.4
115 66.3 26.7 40.1#

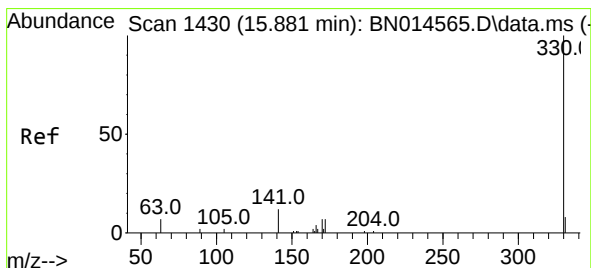
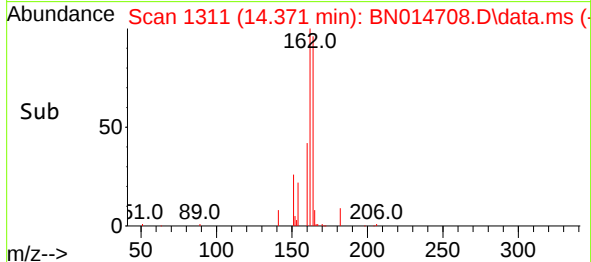
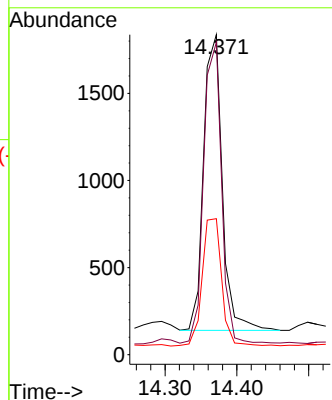
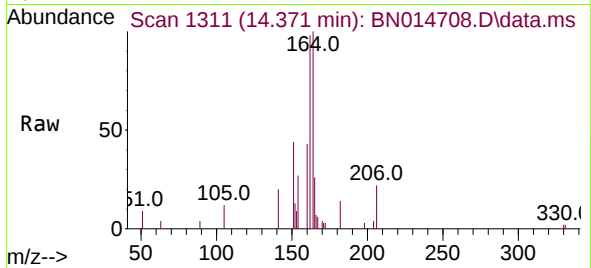




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

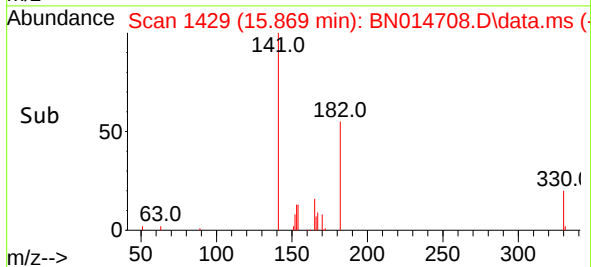
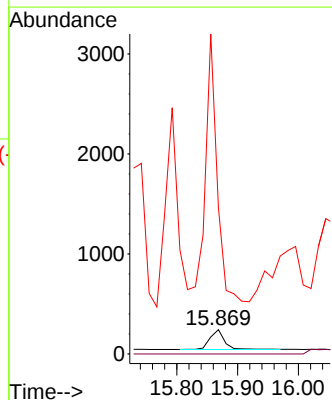
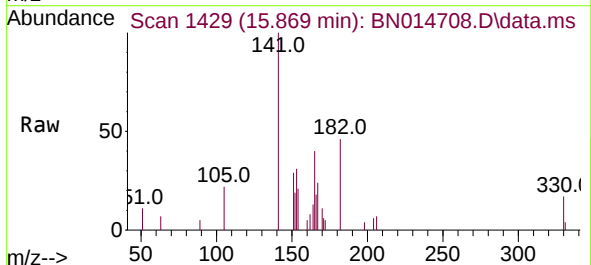
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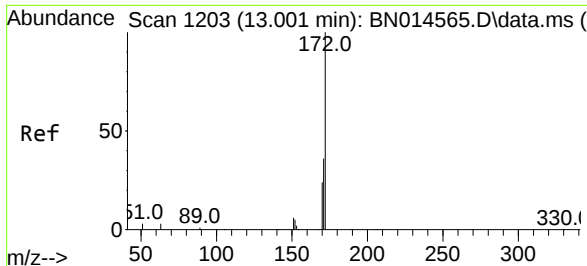
Tgt Ion:164 Resp: 3060
Ion Ratio Lower Upper
164 100
162 97.6 78.6 118.0
160 42.5 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Tgt Ion:330 Resp: 324
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 1089.8 27.0 40.4#

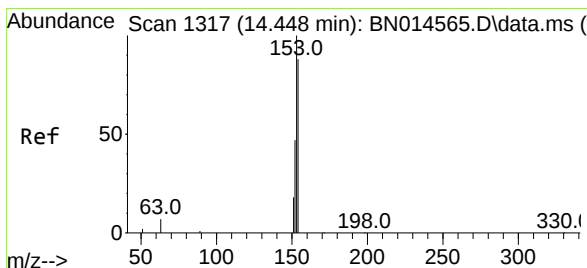
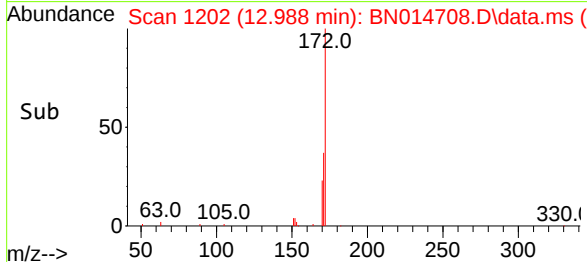
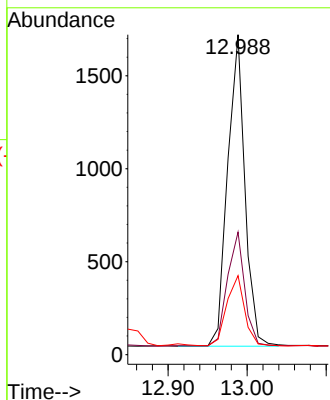
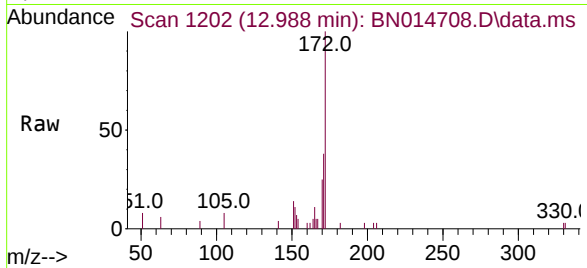




#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.988 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

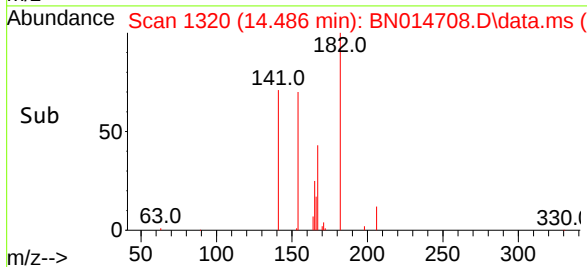
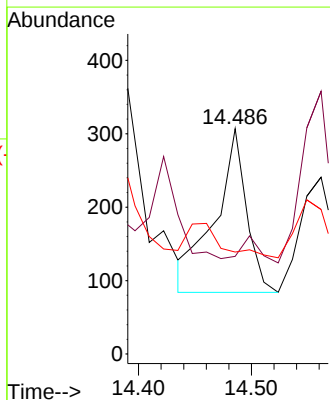
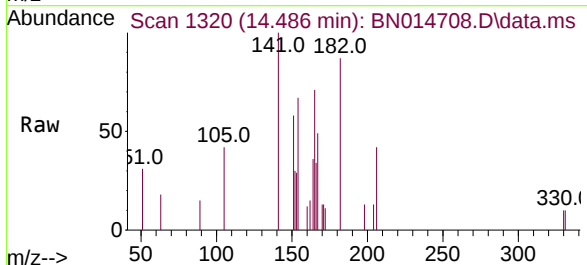
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

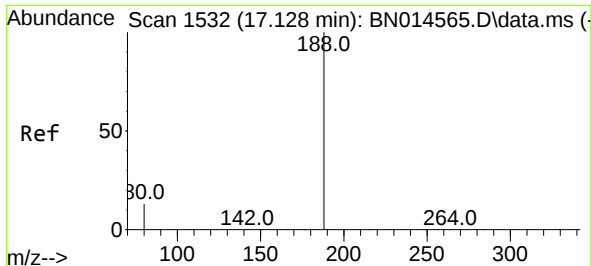
Tgt Ion:	172	Resp:	2550
Ion Ratio	Lower	Upper	
172	100		
171	38.3	27.1	40.7
170	24.7	18.3	27.5



#17
Acenaphthene
Concen: 0.05 ng
RT: 14.486 min Scan# 1320
Delta R.T. 0.051 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Tgt Ion:	154	Resp:	433
Ion Ratio	Lower	Upper	
154	100		
153	9.9	90.2	135.4#
152	0.0	46.2	69.2#

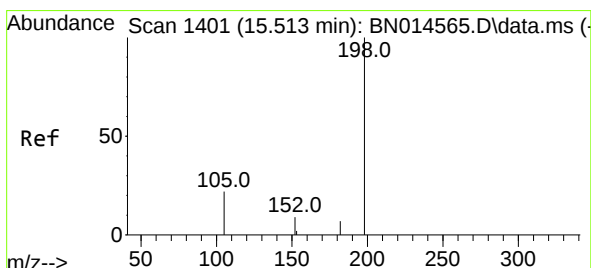
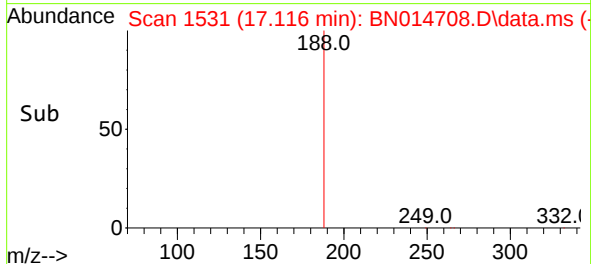
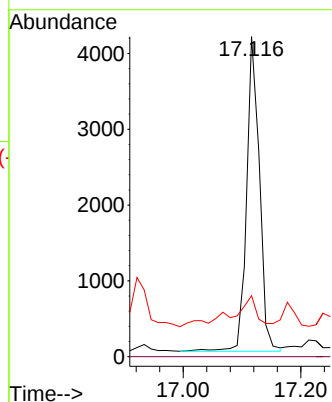
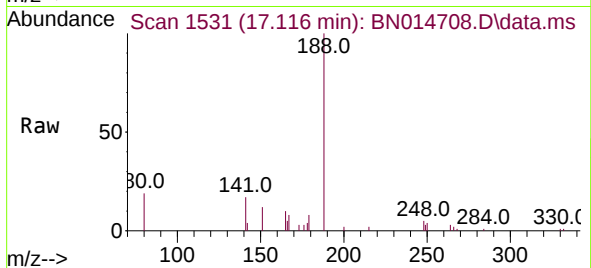




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

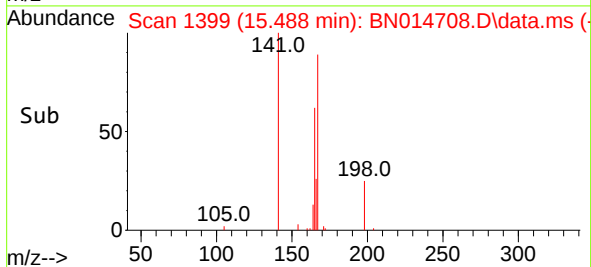
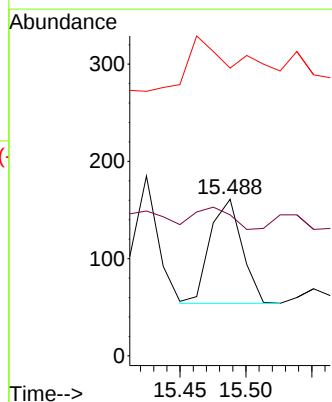
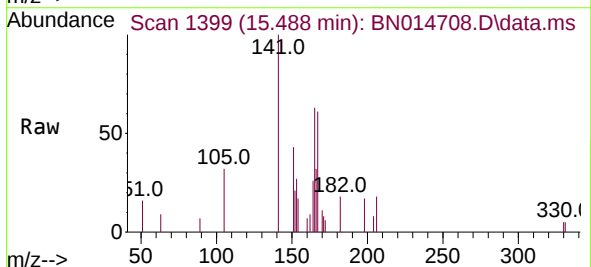
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

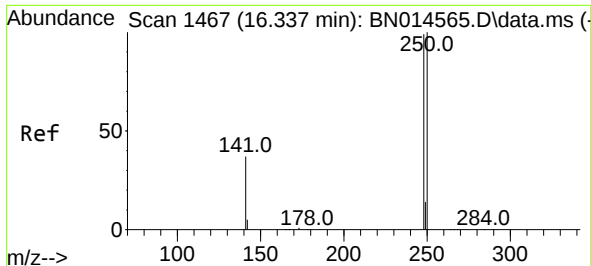
Tgt Ion:188 Resp: 6280
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 19.0 5.2 7.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.32 ng
RT: 15.488 min Scan# 1399
Delta R.T. -0.013 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Tgt Ion:198 Resp: 181
Ion Ratio Lower Upper
198 100
51 90.1 865.3 1297.9#
105 183.9 93.6 140.4#

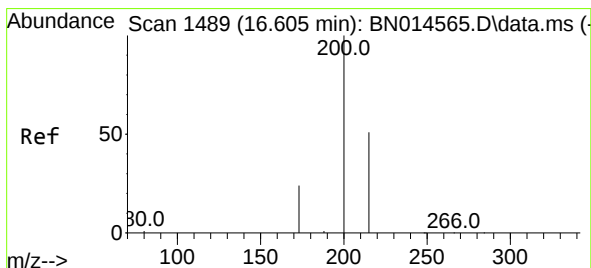
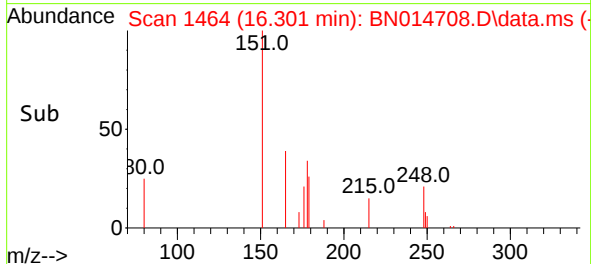
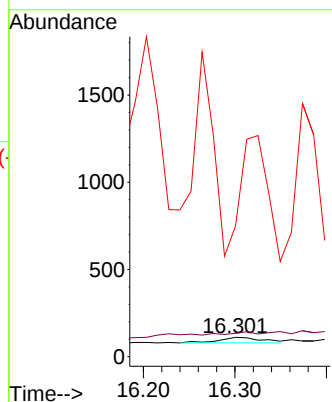
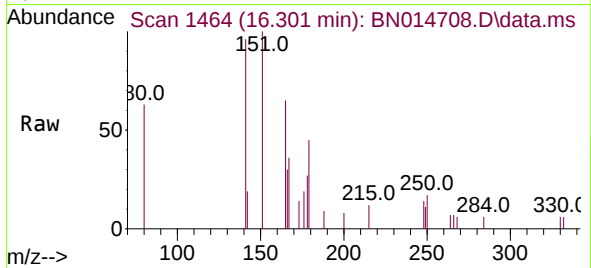




#21
4-Bromophenyl-phenylether
Concen: 0.03 ng
RT: 16.301 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

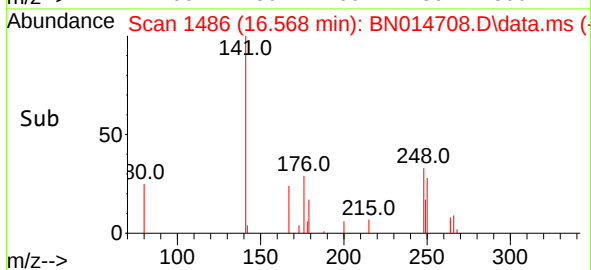
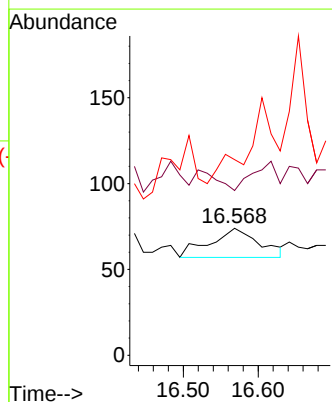
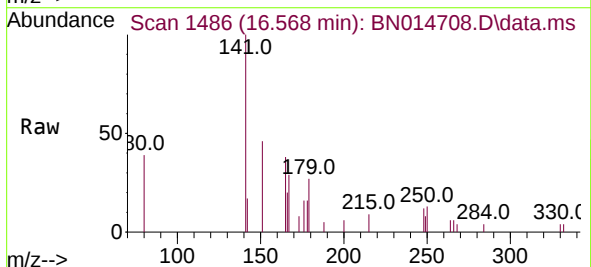
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

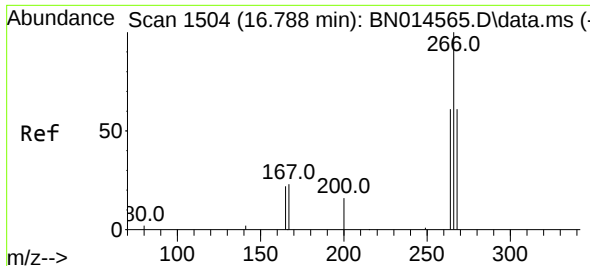
Tgt Ion:248 Resp: 107
Ion Ratio Lower Upper
248 100
250 120.7 80.5 120.7#
141 676.6 37.2 55.8#



#23
Atrazine
Concen: 0.03 ng
RT: 16.568 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Tgt Ion:200 Resp: 77
Ion Ratio Lower Upper
200 100
173 129.7 23.0 34.6#
215 154.1 38.6 57.8#

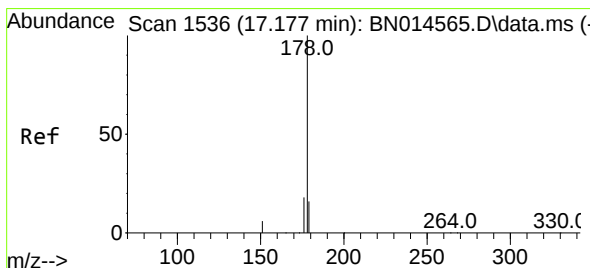
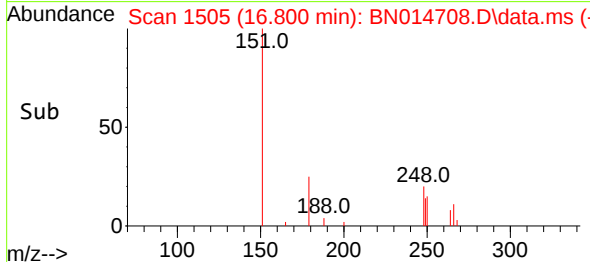
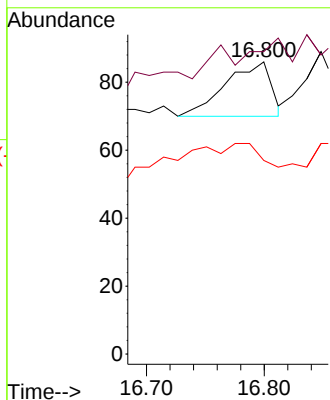
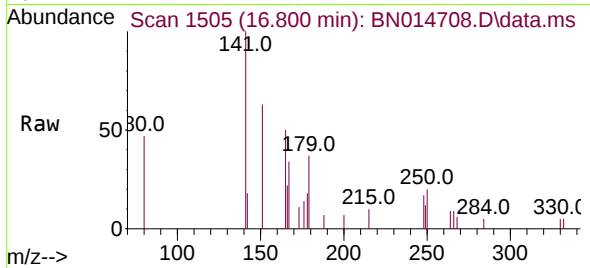




#24
Pentachlorophenol
Concen: 0.03 ng
RT: 16.800 min Scan# 1505
Delta R.T. 0.024 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

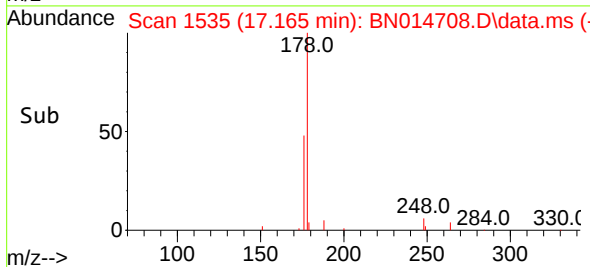
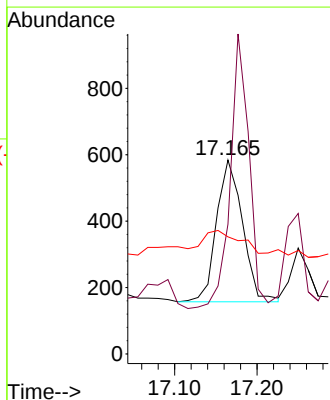
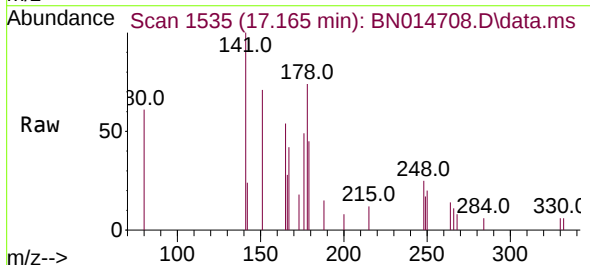
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

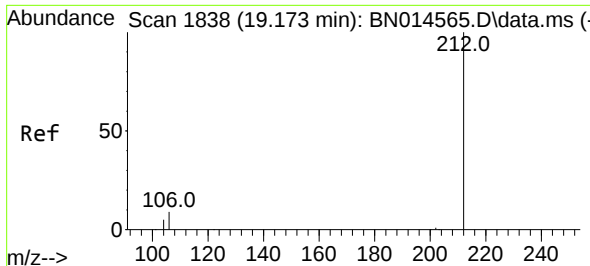
Tgt Ion:266 Resp: 43
Ion Ratio Lower Upper
266 100
264 34.9 24.2 36.4
268 0.0 25.2 37.8#



#25
Phenanthrene
Concen: 0.05 ng
RT: 17.165 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Tgt Ion:178 Resp: 939
Ion Ratio Lower Upper
178 100
176 0.0 15.2 22.8#
179 21.2 12.4 18.6#

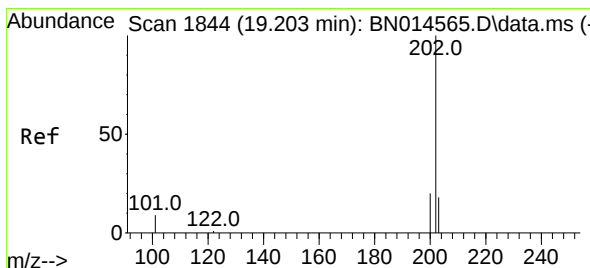
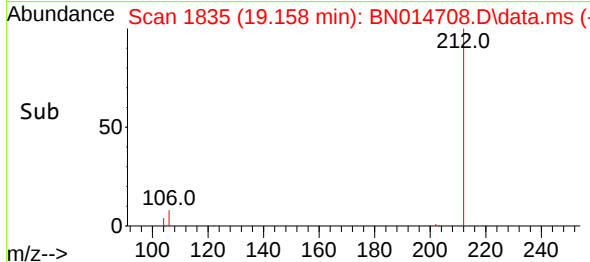
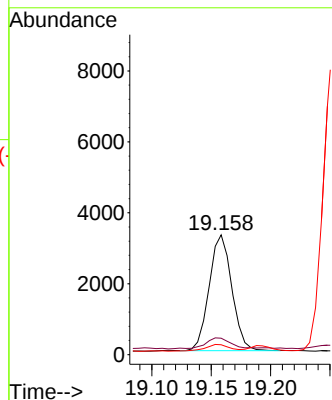
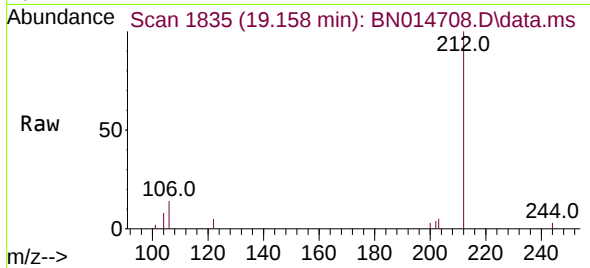




#27
Fluoranthene-d10
Concen: 0.15 ng
RT: 19.158 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

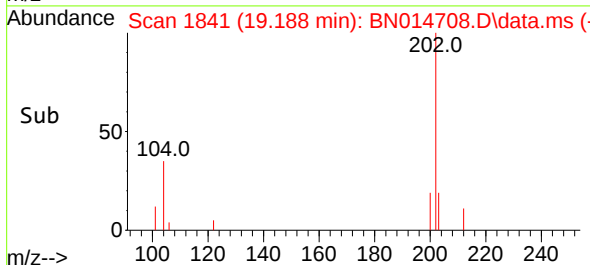
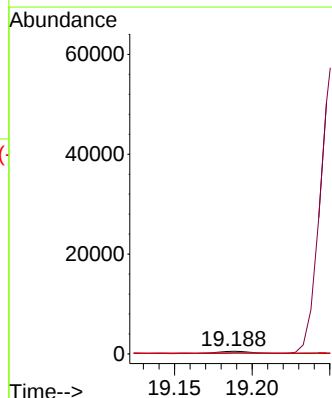
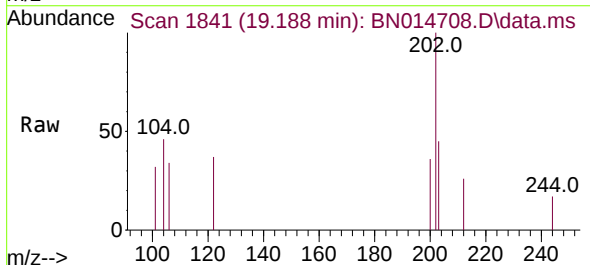
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

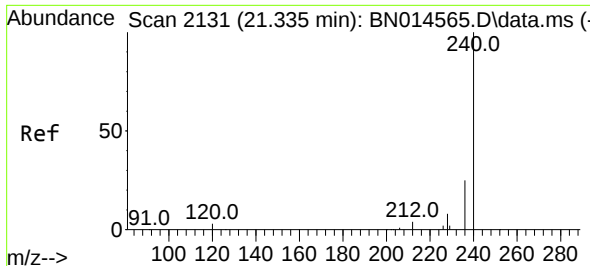
Tgt Ion:212 Resp: 4327
Ion Ratio Lower Upper
212 100
106 11.9 10.1 15.1
104 0.0 5.4 8.2#



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.188 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Tgt Ion:202 Resp: 598
Ion Ratio Lower Upper
202 100
101 0.0 8.4 12.6#
203 27.9 13.5 20.3#

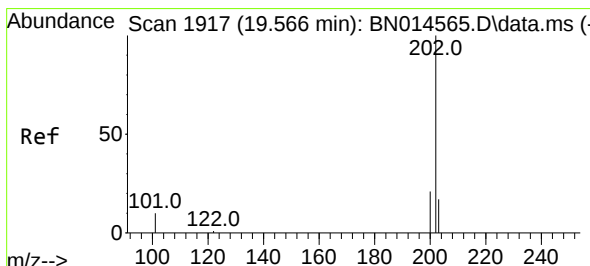
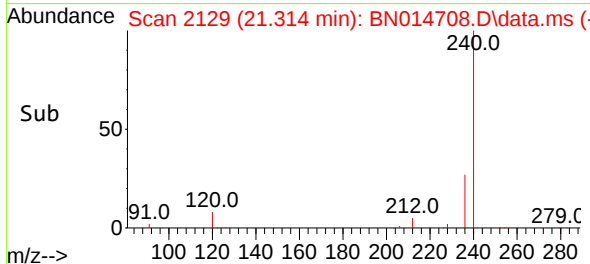
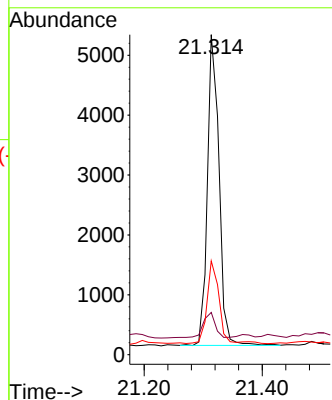
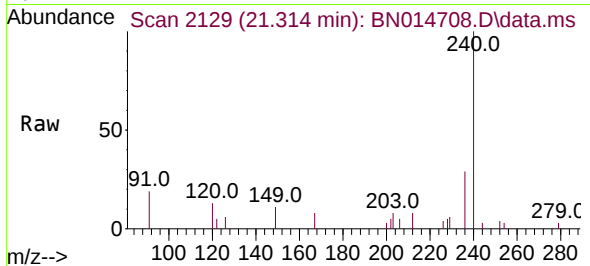




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

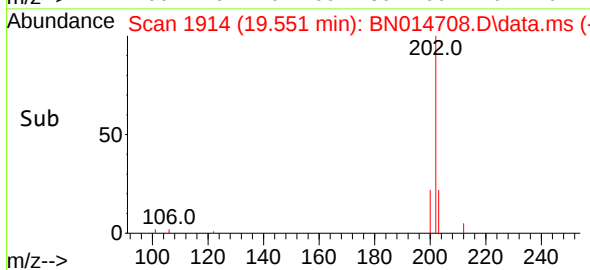
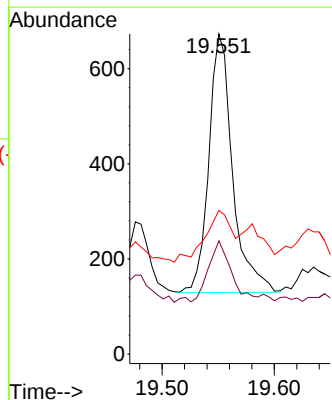
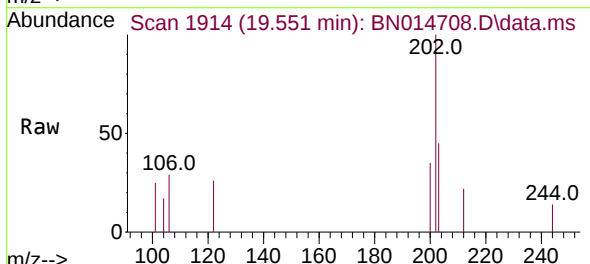
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

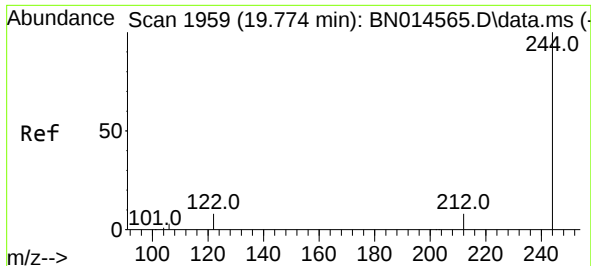
Tgt Ion:240 Resp: 7118
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 29.3 20.6 30.8



#30
Pyrene
Concen: 0.04 ng
RT: 19.551 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

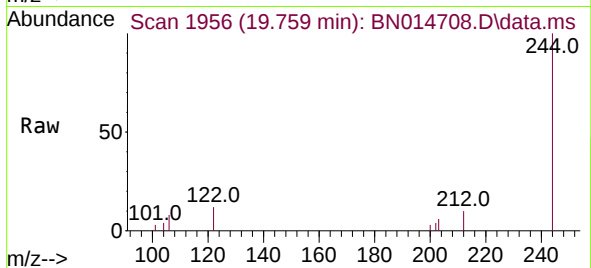
Tgt Ion:202 Resp: 800
Ion Ratio Lower Upper
202 100
200 23.5 16.3 24.5
203 22.3 14.0 21.0#



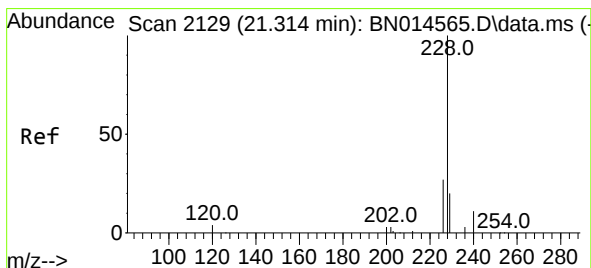
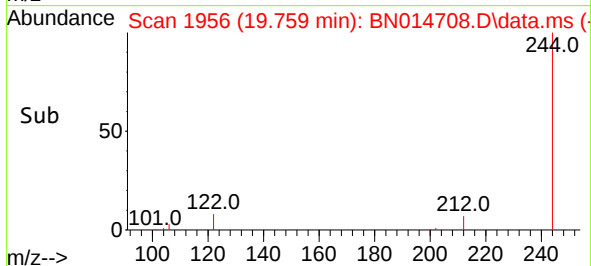
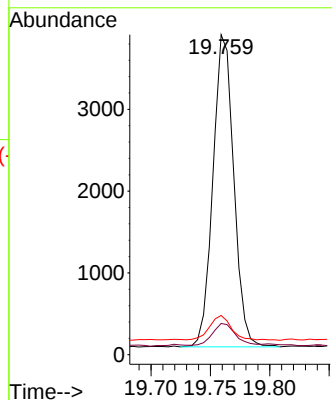


#31
 Terphenyl-d14
 Concen: 0.28 ng
 RT: 19.759 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: BN014708.D
 Acq: 22 May 2021 01:45

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-888-890

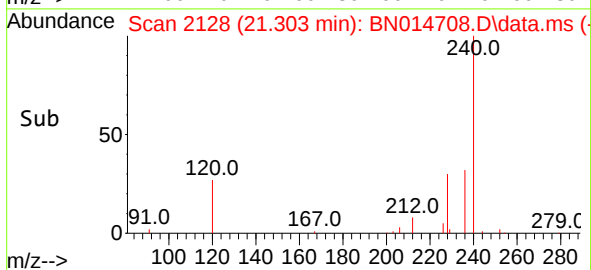
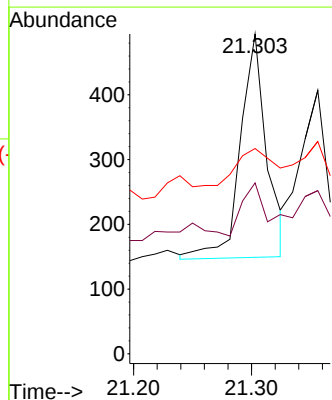
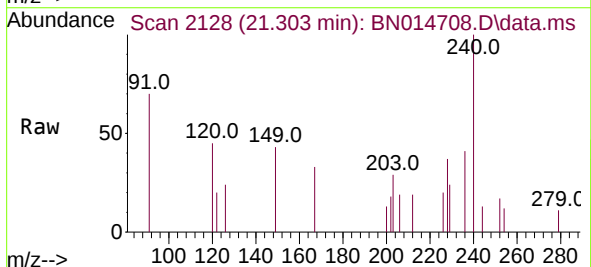


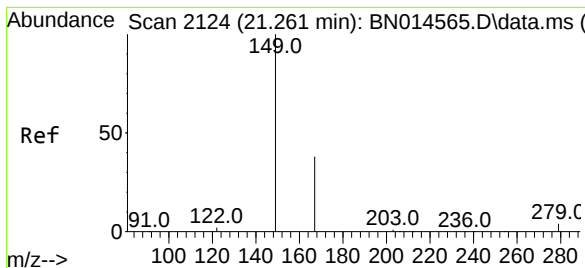
Tgt Ion:244 Resp: 4648
 Ion Ratio Lower Upper
 244 100
 212 9.7 6.0 9.0#
 122 12.2 9.3 13.9



#32
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.303 min Scan# 2128
 Delta R.T. -0.000 min
 Lab File: BN014708.D
 Acq: 22 May 2021 01:45

Tgt Ion:228 Resp: 537
 Ion Ratio Lower Upper
 228 100
 226 53.4 21.7 32.5#
 229 64.2 15.7 23.5#

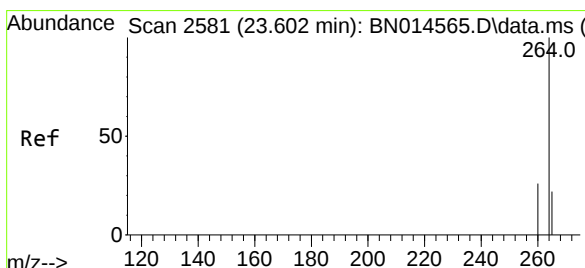
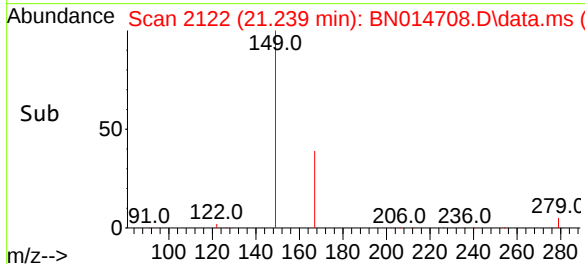
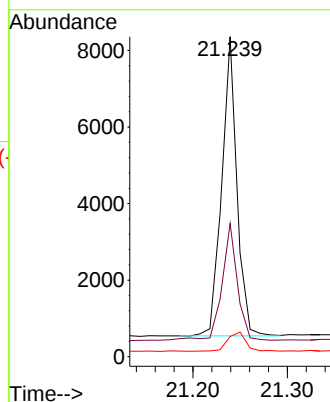
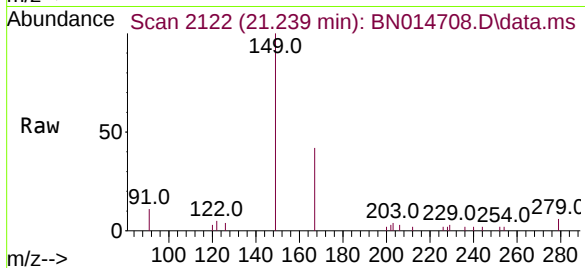




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.52 ng
 RT: 21.239 min Scan# 2122
 Delta R.T. -0.000 min
 Lab File: BN014708.D
 Acq: 22 May 2021 01:45

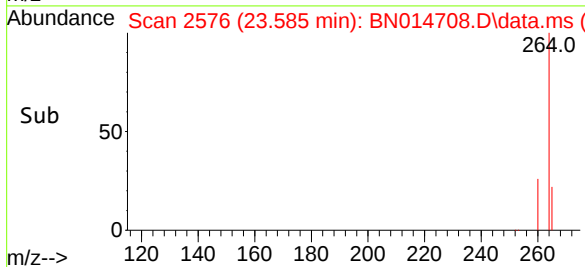
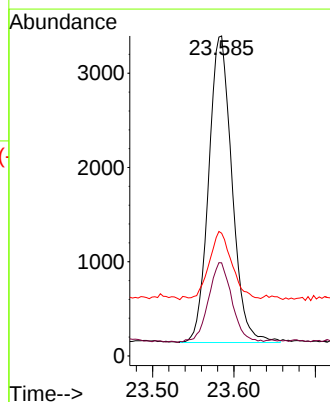
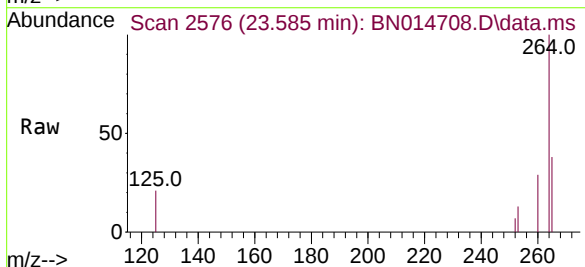
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-888-890

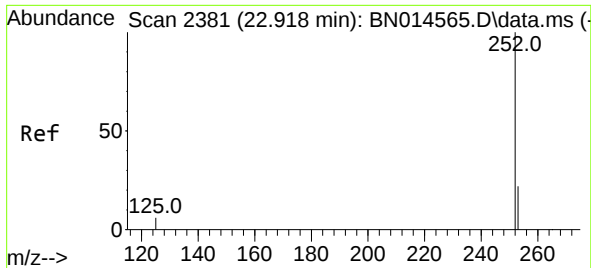
Tgt Ion:149 Resp: 8714
 Ion Ratio Lower Upper
 149 100
 167 39.3 20.5 30.7#
 279 7.7 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.585 min Scan# 2576
 Delta R.T. -0.000 min
 Lab File: BN014708.D
 Acq: 22 May 2021 01:45

Tgt Ion:264 Resp: 6474
 Ion Ratio Lower Upper
 264 100
 260 29.1 19.5 29.3
 265 38.4 35.4 53.0

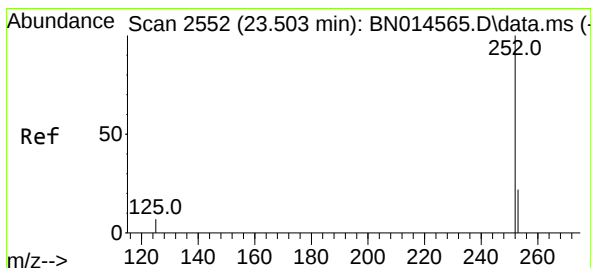
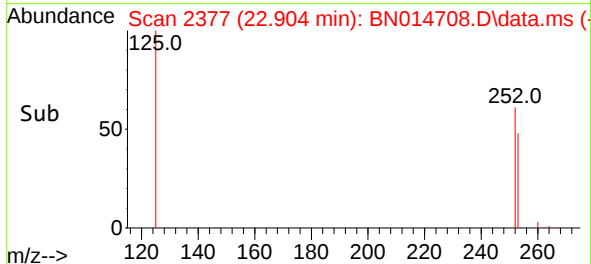
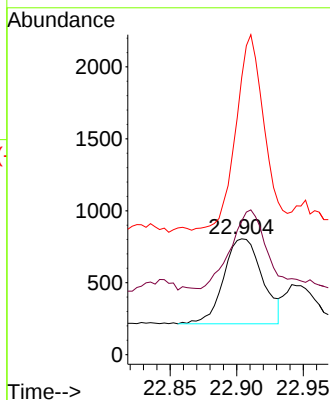
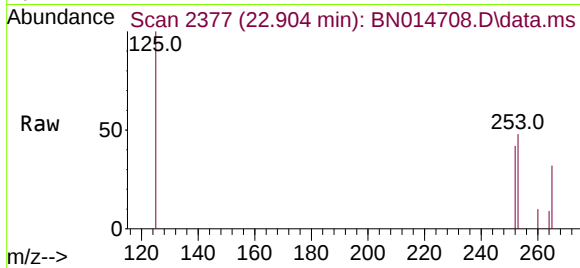




#37
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.904 min Scan# 2377
Delta R.T. 0.003 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

Tgt Ion:252 Resp: 1197
Ion Ratio Lower Upper
252 100
253 115.4 19.6 29.4#
125 239.4 10.3 15.5#



#39
Benzo(a)pyrene
Concen: 0.51 ng
RT: 23.633 min Scan# 2590
Delta R.T. 0.150 min
Lab File: BN014708.D
Acq: 22 May 2021 01:45

Tgt Ion:252 Resp: 9548
Ion Ratio Lower Upper
252 100
253 28.1 21.8 32.6
125 20.2 14.9 22.3

