

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052621\
 Data File : BN014782.D
 Acq On : 27 May 2021 01:55
 Operator : CG/JU
 Sample : M2472-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-918-920

Quant Time: May 27 06:56:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 01:39:07 2021
 Response via : Initial Calibration

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

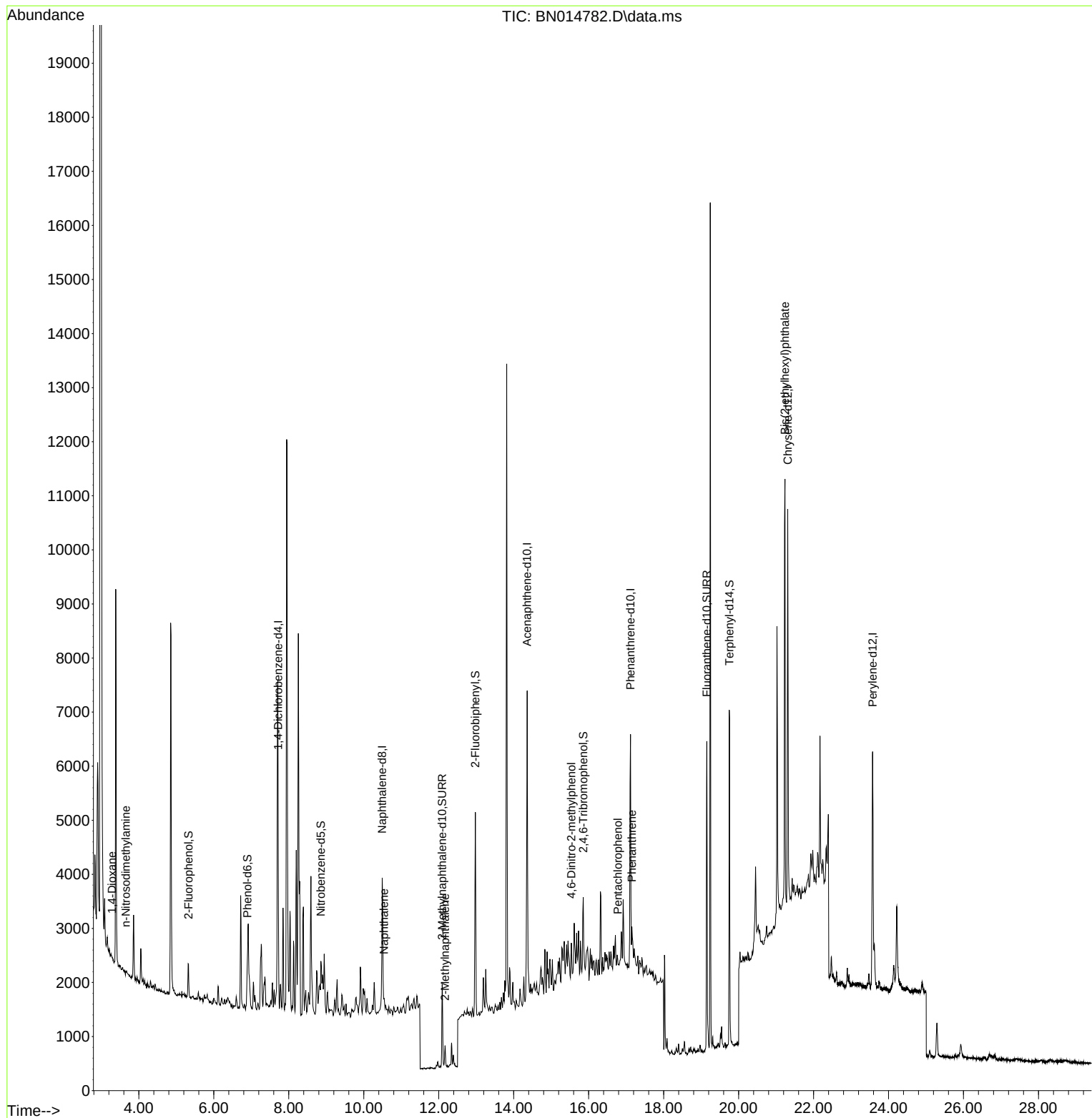
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	972	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	3648	0.40	ng	#-0.01
13) Acenaphthene-d10	14.359	164	2915	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	6558	0.40	ng	0.00
29) Chrysene-d12	21.311	240	6964	0.40	ng	#-0.01
35) Perylene-d12	23.575	264	6171	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	536	0.21	ng	0.00
5) Phenol-d6	6.895	99	538	0.15	ng	0.00
8) Nitrobenzene-d5	8.857	82	1181	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.093	152	2073	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	602	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.976	172	3230	0.30	ng	-0.01
27) Fluoranthene-d10	19.151	212	6884	0.26	ng	0.00
31) Terphenyl-d14	19.751	244	6602	0.40	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	35	0.03	ng	# 31
3) n-Nitrosodimethylamine	3.649	42	24	0.25	ng	# 1
9) Naphthalene	10.543	128	248	0.02	ng	# 46
12) 2-Methylnaphthalene	12.169	142	255	0.03	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.539	198	8	0.03	ng	# 1
24) Pentachlorophenol	16.775	266	37	0.03	ng	# 81
25) Phenanthrene	17.152	178	816	0.04	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.237	149	7387	1.23	ng	94

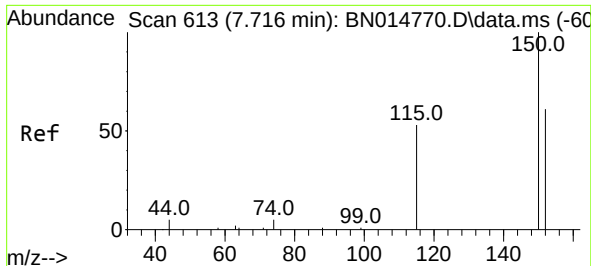
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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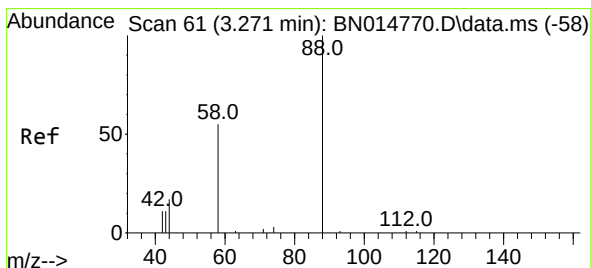
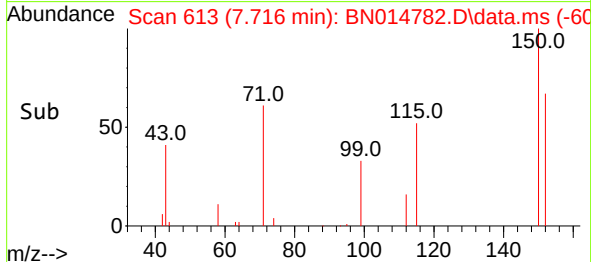
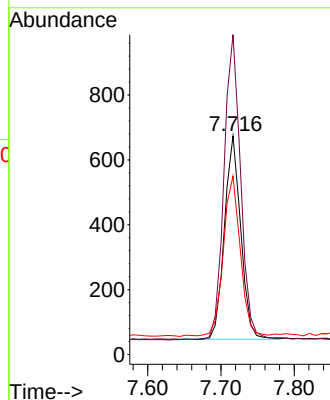
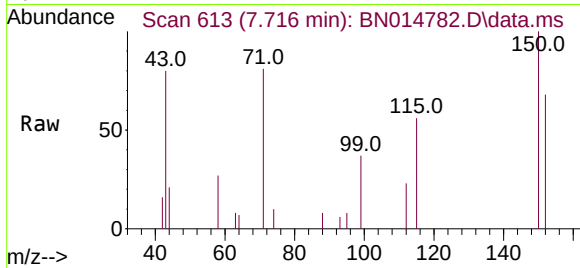




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.716 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: BN014782.D
 Acq: 27 May 2021 01:55

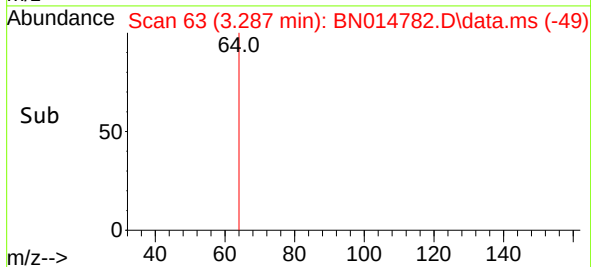
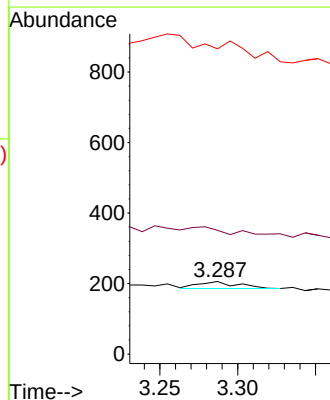
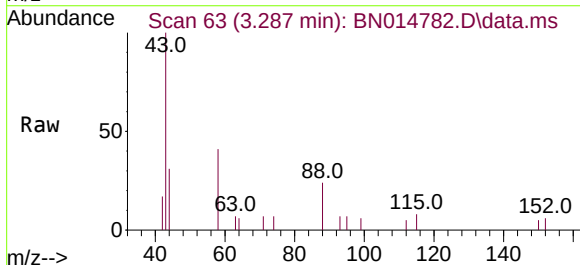
Instrument :
 BNA_N
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 BP-VPB-RW8-GW-918-920

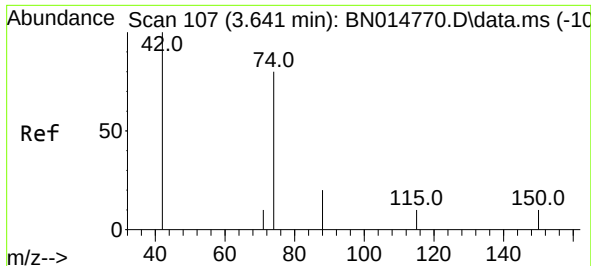
Tgt Ion:152 Resp: 972
 Ion Ratio Lower Upper
 152 100
 150 146.3 123.4 185.2
 115 81.6 73.2 109.8



#2
 1,4-Dioxane
 Concen: 0.03 ng
 RT: 3.287 min Scan# 63
 Delta R.T. 0.016 min
 Lab File: BN014782.D
 Acq: 27 May 2021 01:55

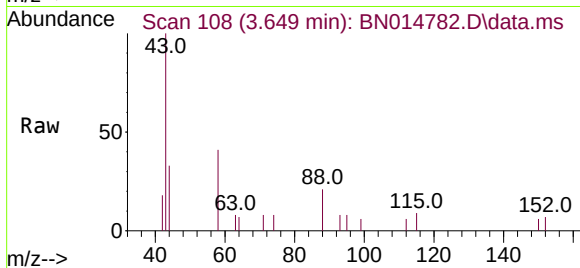
Tgt Ion: 88 Resp: 35
 Ion Ratio Lower Upper
 88 100
 58 0.0 44.7 67.1#
 43 0.0 21.0 31.6#



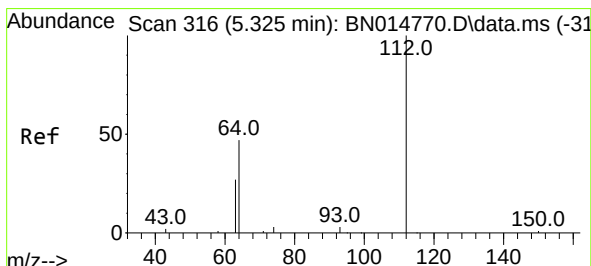
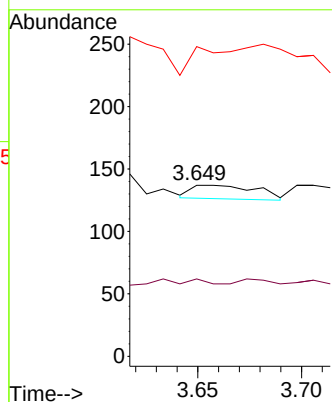
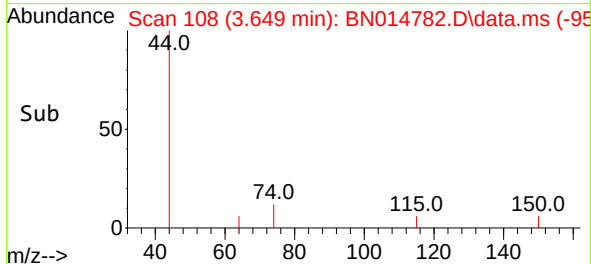


#3
n-Nitrosodimethylamine
Concen: 0.25 ng
RT: 3.649 min Scan# 108
Delta R.T. 0.008 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

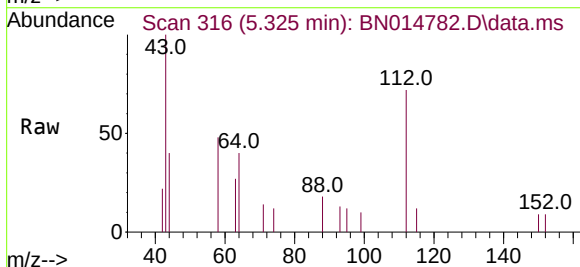
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920



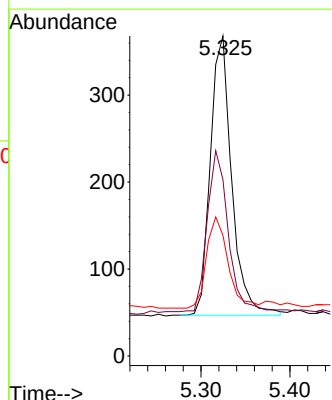
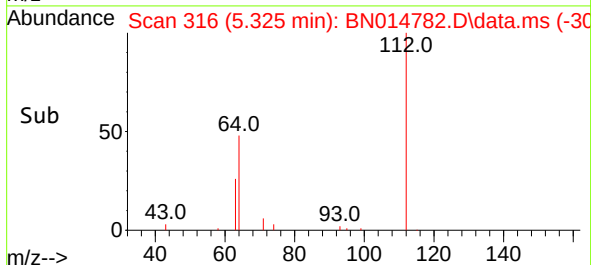
Tgt Ion: 42 Resp: 24
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 80.0 120.0#

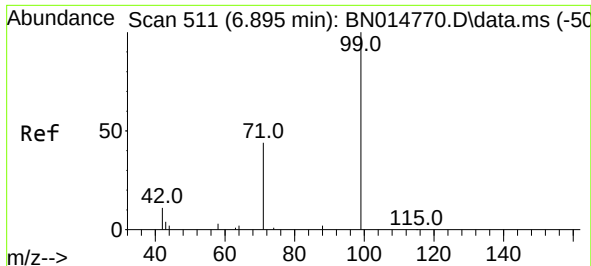


#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.325 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55



Tgt Ion: 112 Resp: 536
Ion Ratio Lower Upper
112 100
64 56.3 43.6 65.4
63 32.8 25.0 37.6

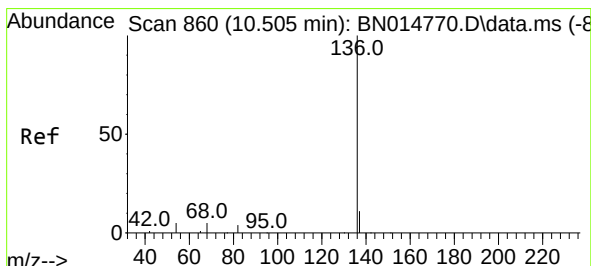
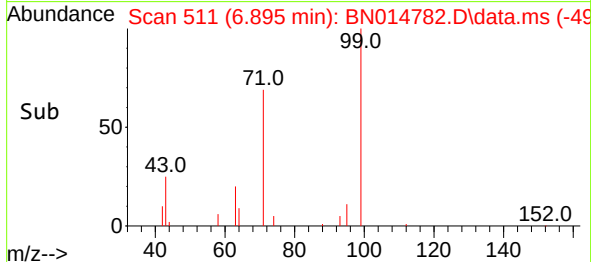
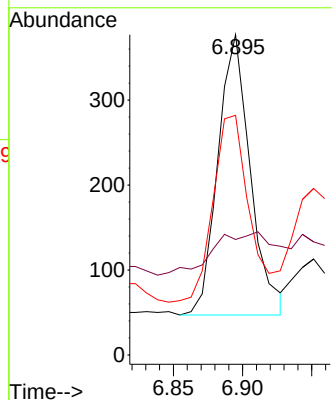
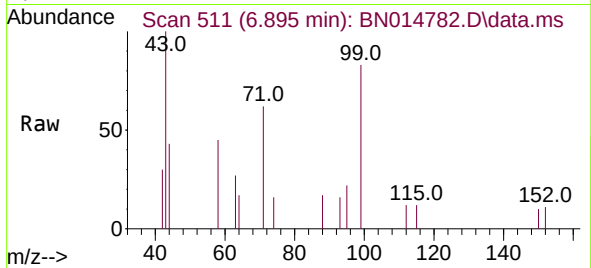




#5
Phenol-d6
Concen: 0.15 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

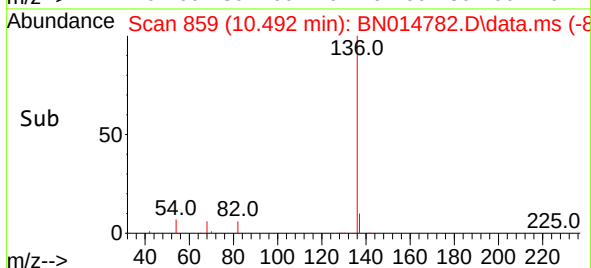
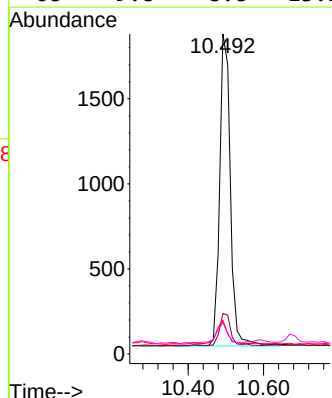
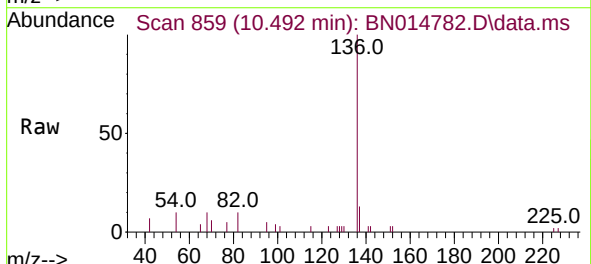
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

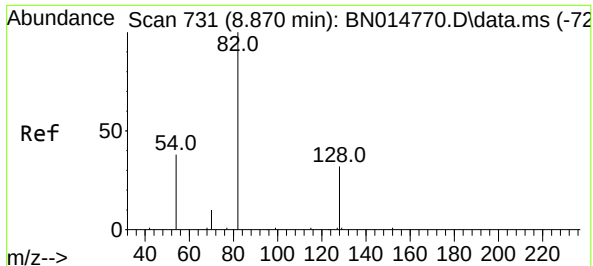
Tgt Ion: 99 Resp: 538
Ion Ratio Lower Upper
99 100
42 31.4 10.2 15.2#
71 73.2 32.4 48.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

Tgt Ion: 136 Resp: 3648
Ion Ratio Lower Upper
136 100
137 12.7 13.2 19.8#
54 10.5 9.0 13.4
68 9.8 8.8 13.2

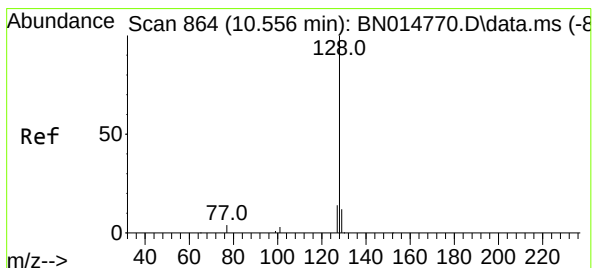
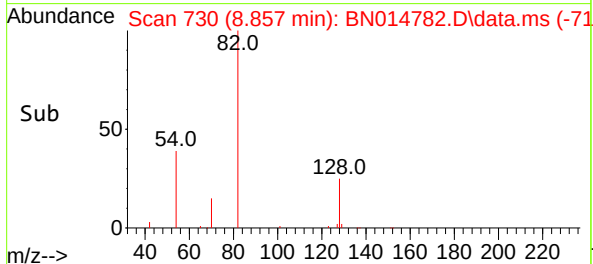
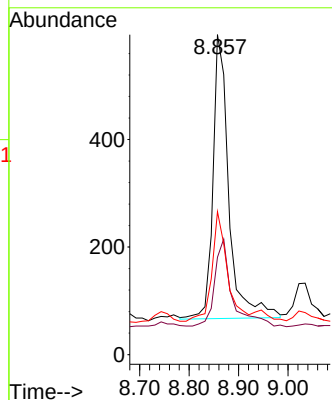
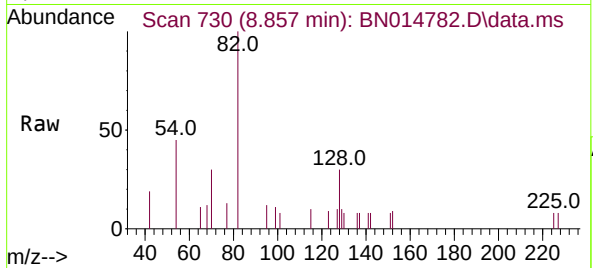




#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.013 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

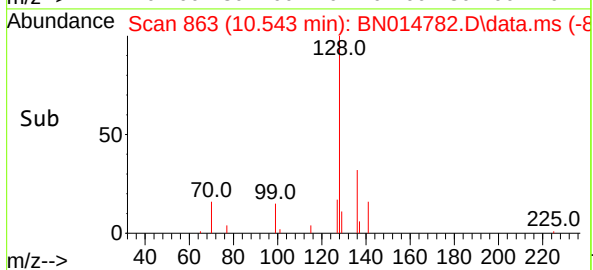
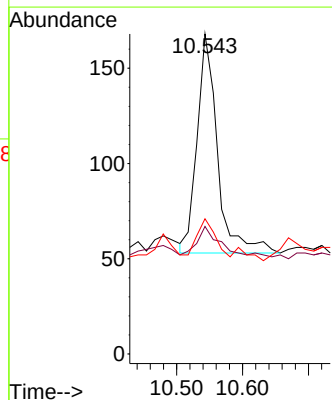
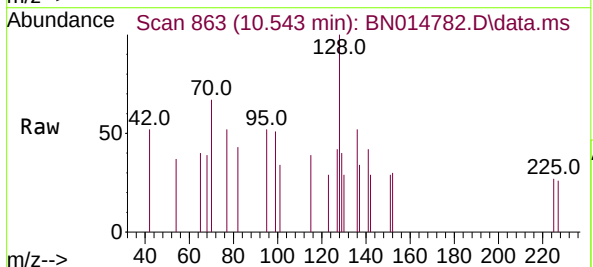
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

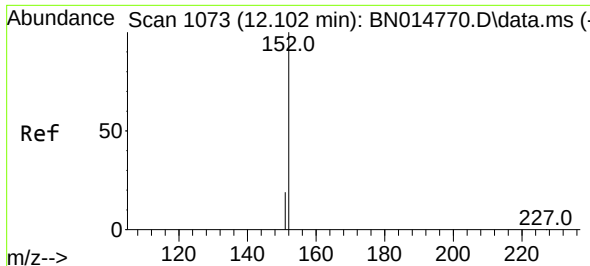
Tgt Ion: 82 Resp: 1181
Ion Ratio Lower Upper
82 100
128 30.4 34.2 51.2#
54 44.7 38.4 57.6



#9
Naphthalene
Concen: 0.02 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

Tgt Ion: 128 Resp: 248
Ion Ratio Lower Upper
128 100
129 39.9 13.0 19.4#
127 42.3 15.0 22.6#

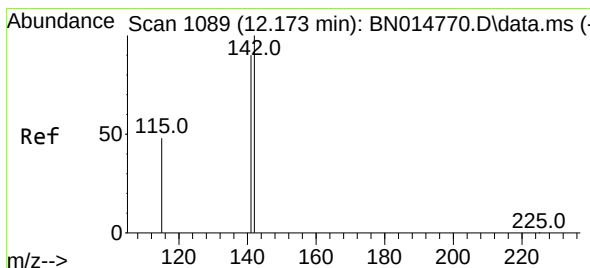
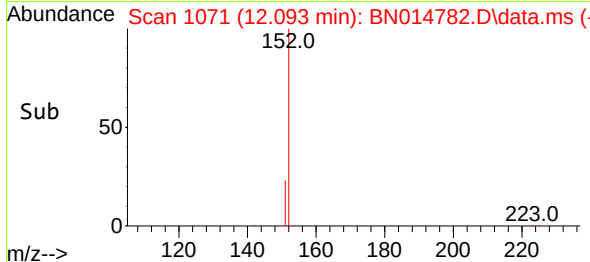
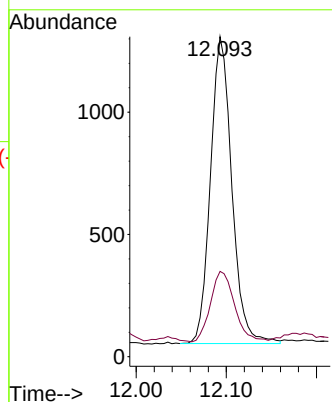
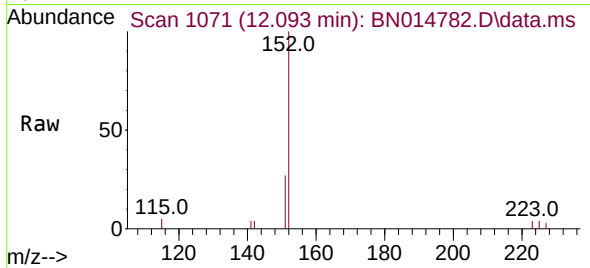




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.093 min Scan# 1071
Delta R.T. -0.009 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

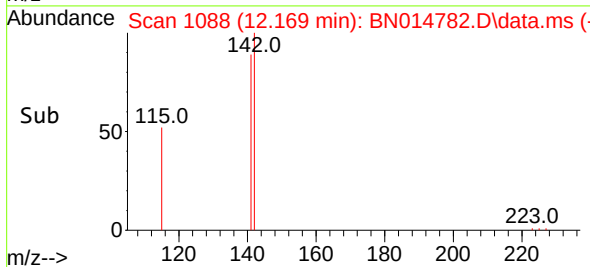
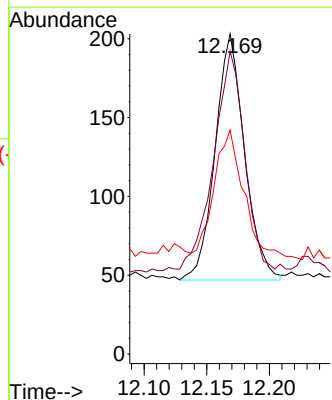
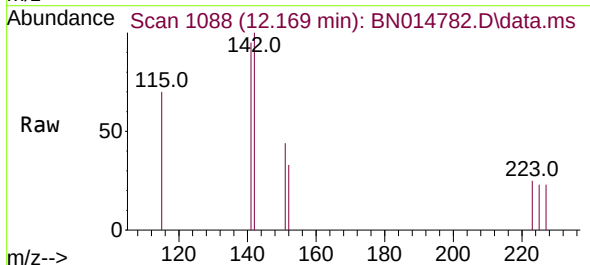
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ClientSampleId :
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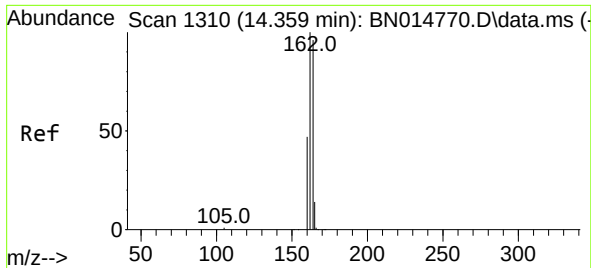
Tgt Ion:152 Resp: 2073
Ion Ratio Lower Upper
152 100
151 25.8 16.8 25.2#



#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.169 min Scan# 1088
Delta R.T. -0.004 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

Tgt Ion:142 Resp: 255
Ion Ratio Lower Upper
142 100
141 94.6 72.9 109.3
115 70.0 41.8 62.6#

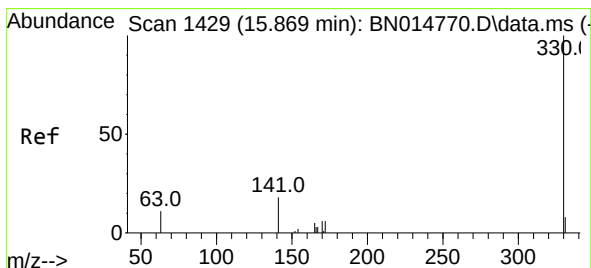
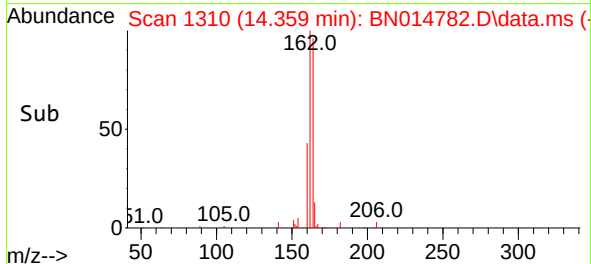
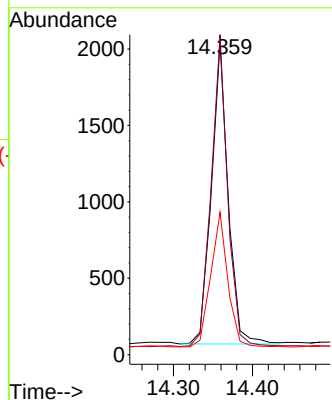
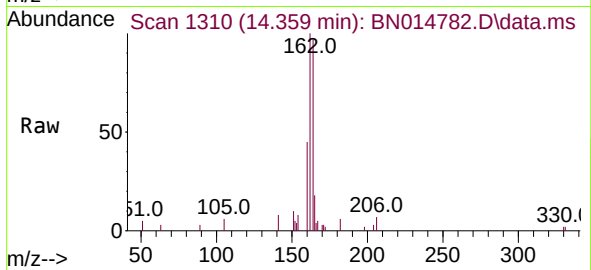




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

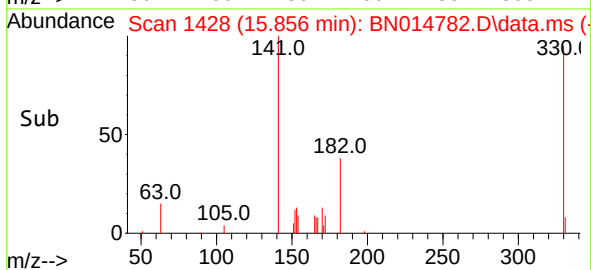
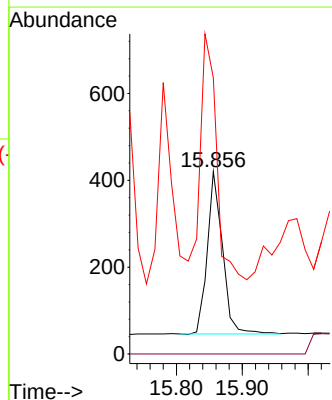
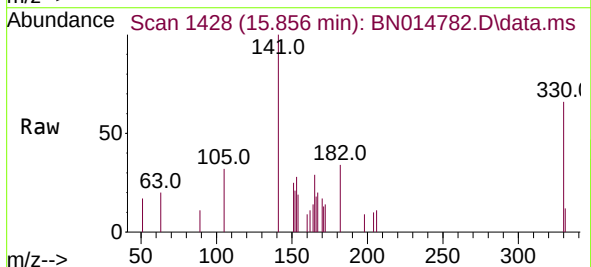
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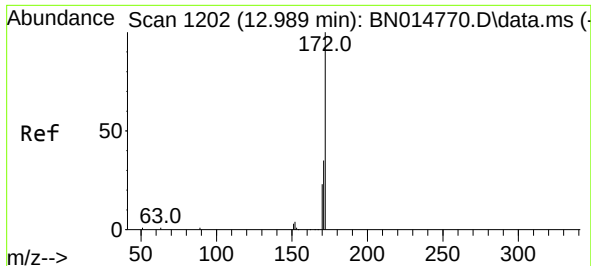
Tgt Ion:	164	Resp:	2915
Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.2	124.8
160	45.7	41.8	62.6



#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

Tgt Ion:	330	Resp:	602
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	156.0	21.8	32.6#

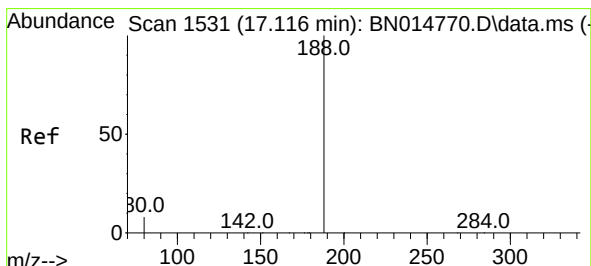
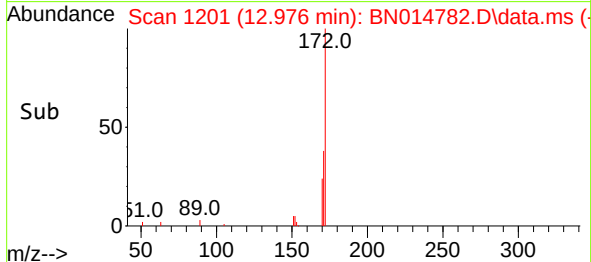
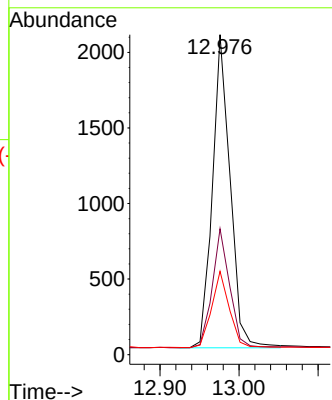
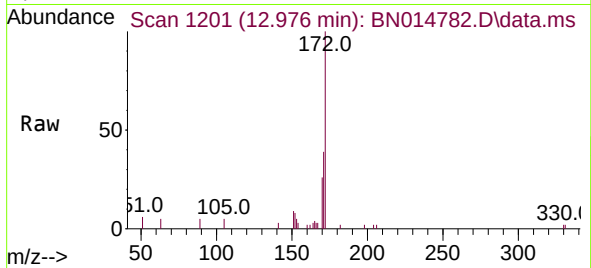




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

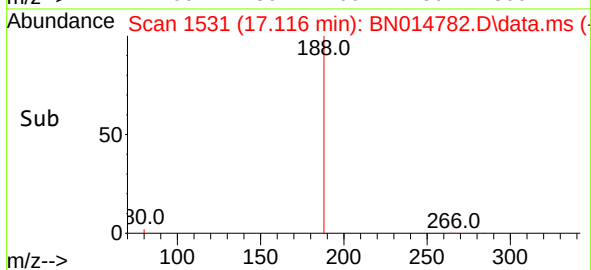
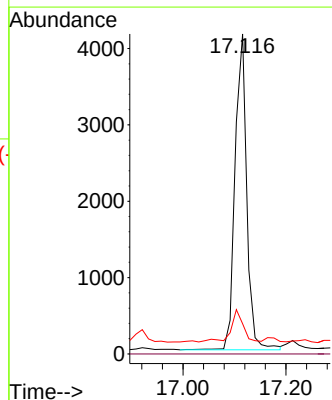
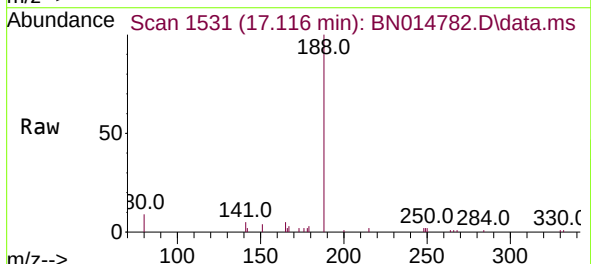
Instrument :
BNA_N
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BP-VPB-RW8-GW-918-920

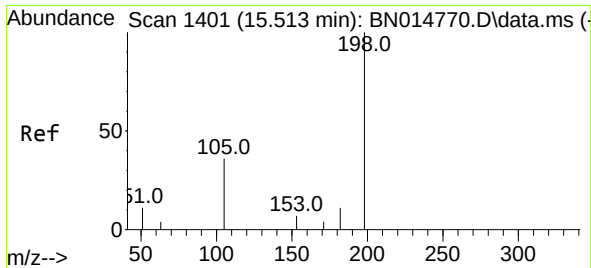
Tgt Ion:	172	Resp:	3230
Ion Ratio	Lower	Upper	
172	100		
171	39.3	30.9	46.3
170	26.0	21.4	32.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

Tgt Ion:	188	Resp:	6558
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.4	8.2	12.4

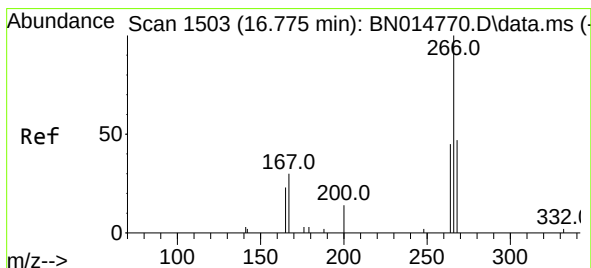
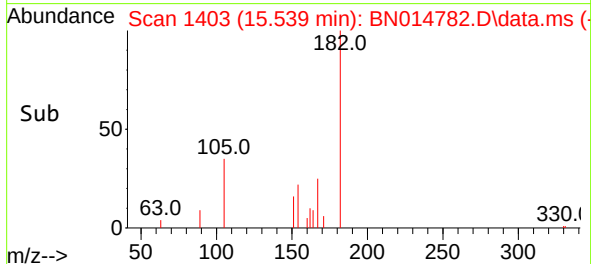
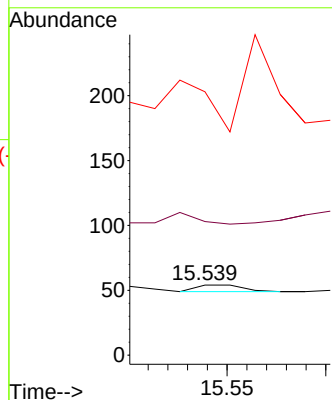
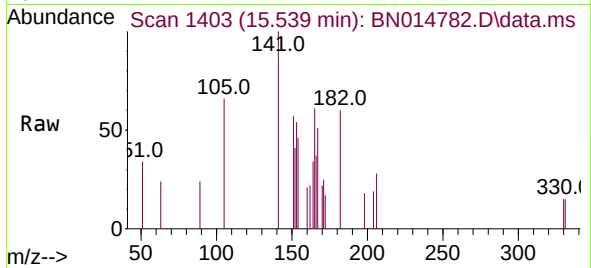




#20
4,6-Dinitro-2-methylphenol
Concen: 0.03 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.026 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

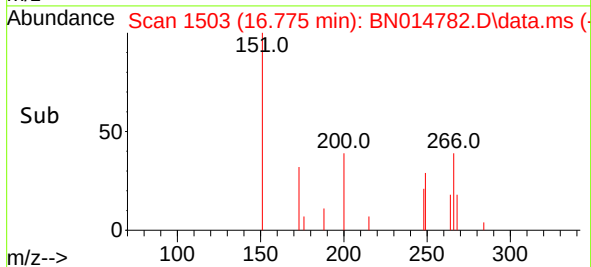
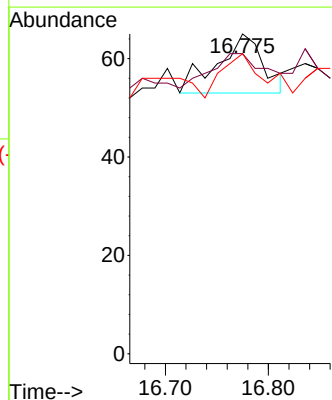
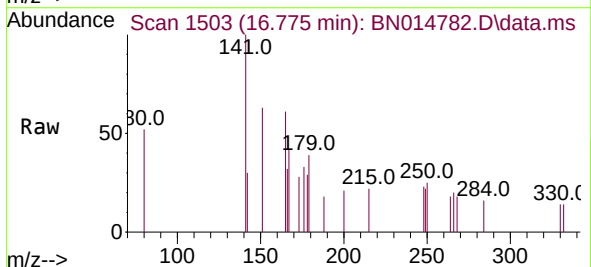
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

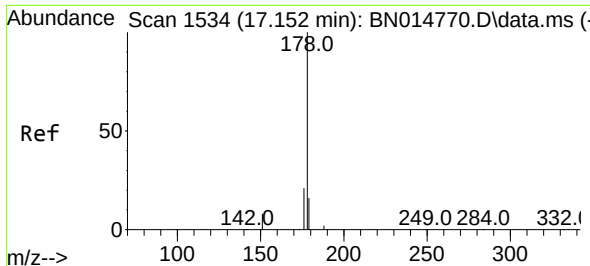
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 190.7 96.4 144.6#
105 375.9 72.3 108.5#



#24
Pentachlorophenol
Concen: 0.03 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

Tgt Ion:266 Resp: 37
Ion Ratio Lower Upper
266 100
264 67.6 44.2 66.2#
268 70.3 44.2 66.2#

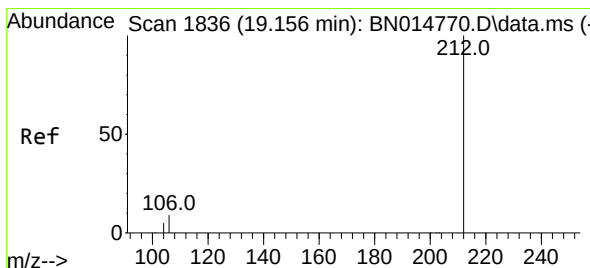
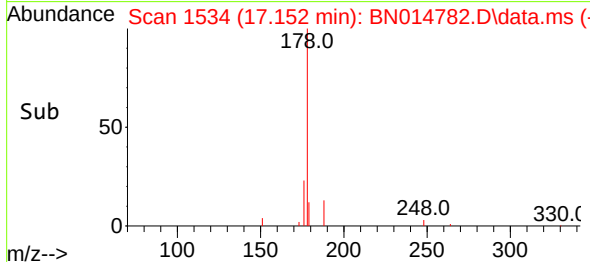
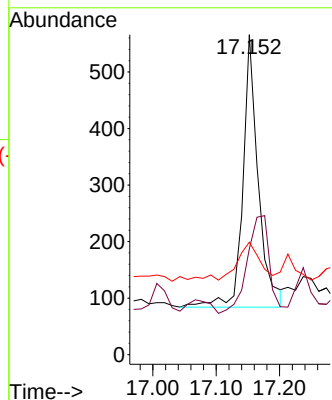
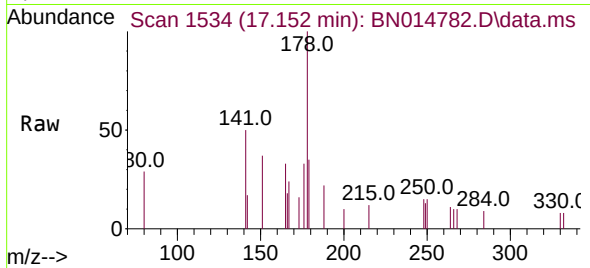




#25
Phenanthrene
Concen: 0.04 ng
RT: 17.152 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

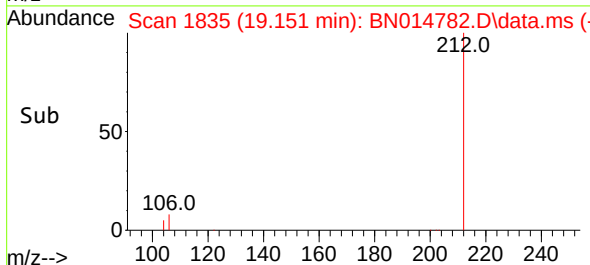
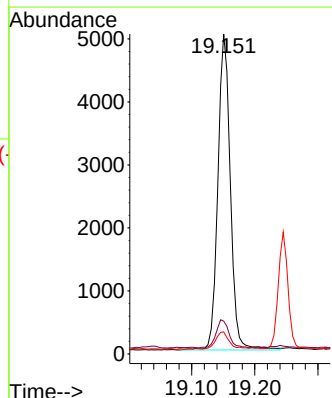
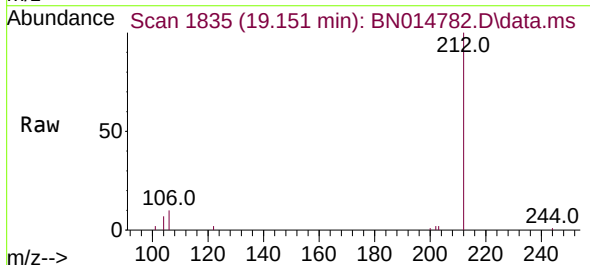
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

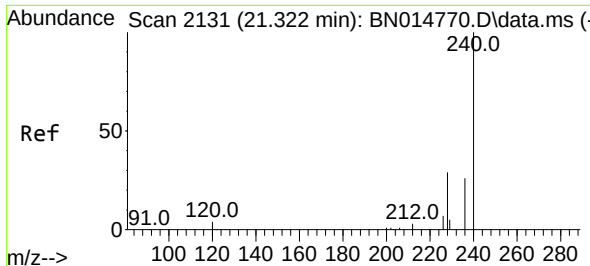
Tgt Ion:178 Resp: 816
Ion Ratio Lower Upper
178 100
176 0.0 16.0 24.0#
179 23.7 12.6 19.0#



#27
Fluoranthene-d10
Concen: 0.26 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

Tgt Ion:212 Resp: 6884
Ion Ratio Lower Upper
212 100
106 9.3 7.4 11.2
104 5.8 4.1 6.1

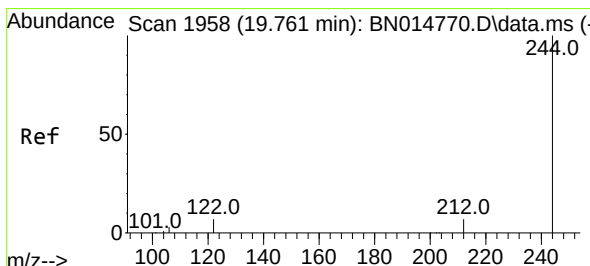
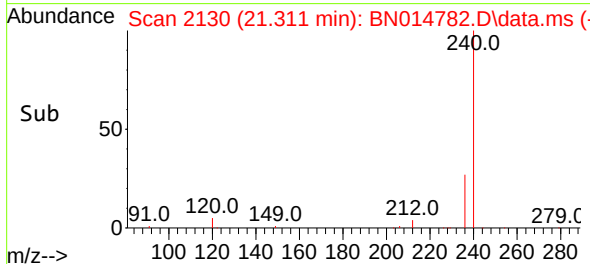
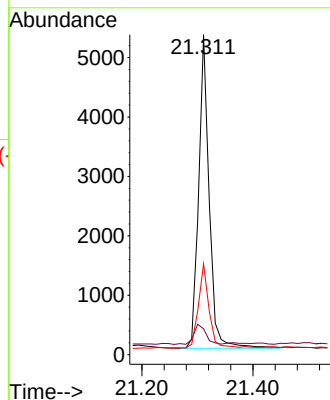
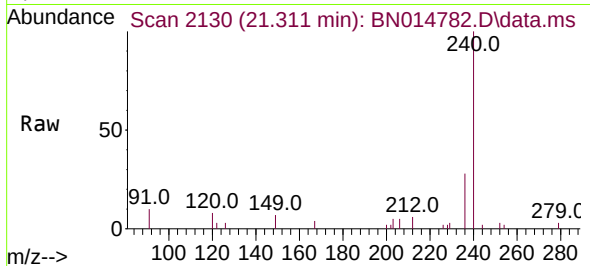




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.311 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

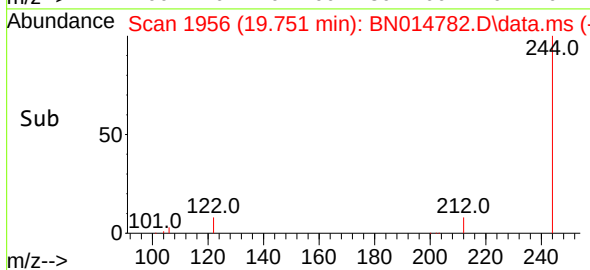
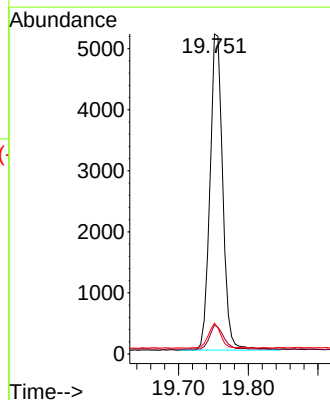
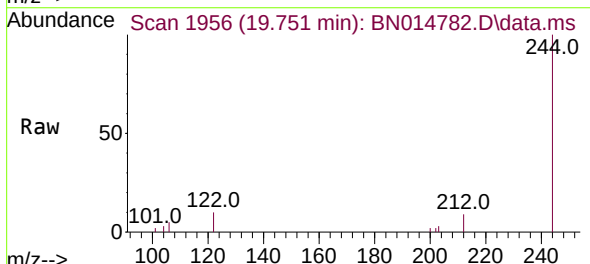
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

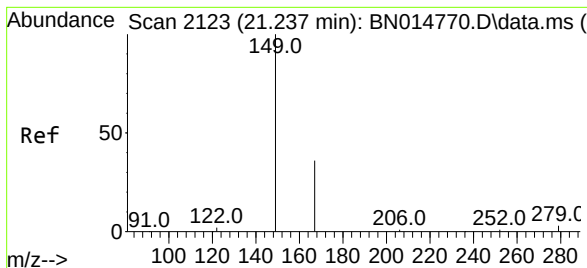
Tgt Ion:240 Resp: 6964
Ion Ratio Lower Upper
240 100
120 8.1 5.2 7.8#
236 28.4 21.6 32.4



#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.751 min Scan# 1956
Delta R.T. -0.010 min
Lab File: BN014782.D
Acq: 27 May 2021 01:55

Tgt Ion:244 Resp: 6602
Ion Ratio Lower Upper
244 100
212 9.1 6.8 10.2
122 9.7 6.6 9.8

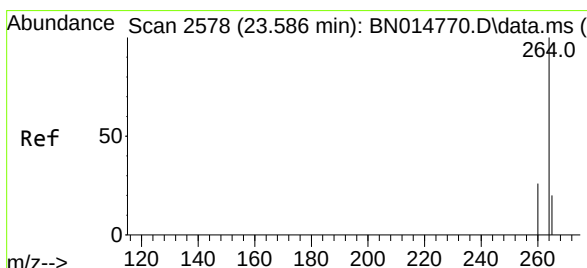
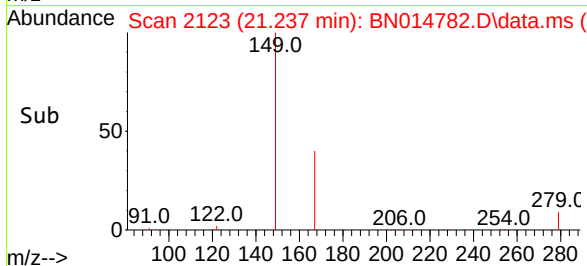
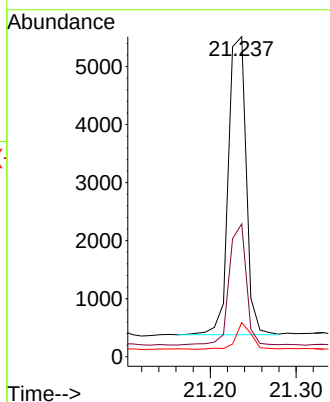
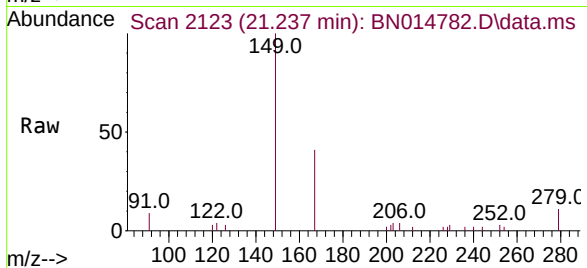




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.23 ng
 RT: 21.237 min Scan# 2123
 Delta R.T. -0.000 min
 Lab File: BN014782.D
 Acq: 27 May 2021 01:55

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-918-920

Tgt Ion:	149	Resp:	7387
Ion Ratio	Lower	Upper	
149	100		
167	39.1	28.3	42.5
279	7.9	5.5	8.3



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.575 min Scan# 2575
 Delta R.T. -0.010 min
 Lab File: BN014782.D
 Acq: 27 May 2021 01:55

Tgt Ion:	264	Resp:	6171
Ion Ratio	Lower	Upper	
264	100		
260	26.7	21.4	32.2
265	46.9	40.9	61.3

