

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042221\
 Data File : BN014370.D
 Acq On : 22 Apr 2021 01:13
 Operator : CG/JU
 Sample : M2122-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-198-200

Quant Time: Apr 22 01:55:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 13:57:02 2021
 Response via : Initial Calibration

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

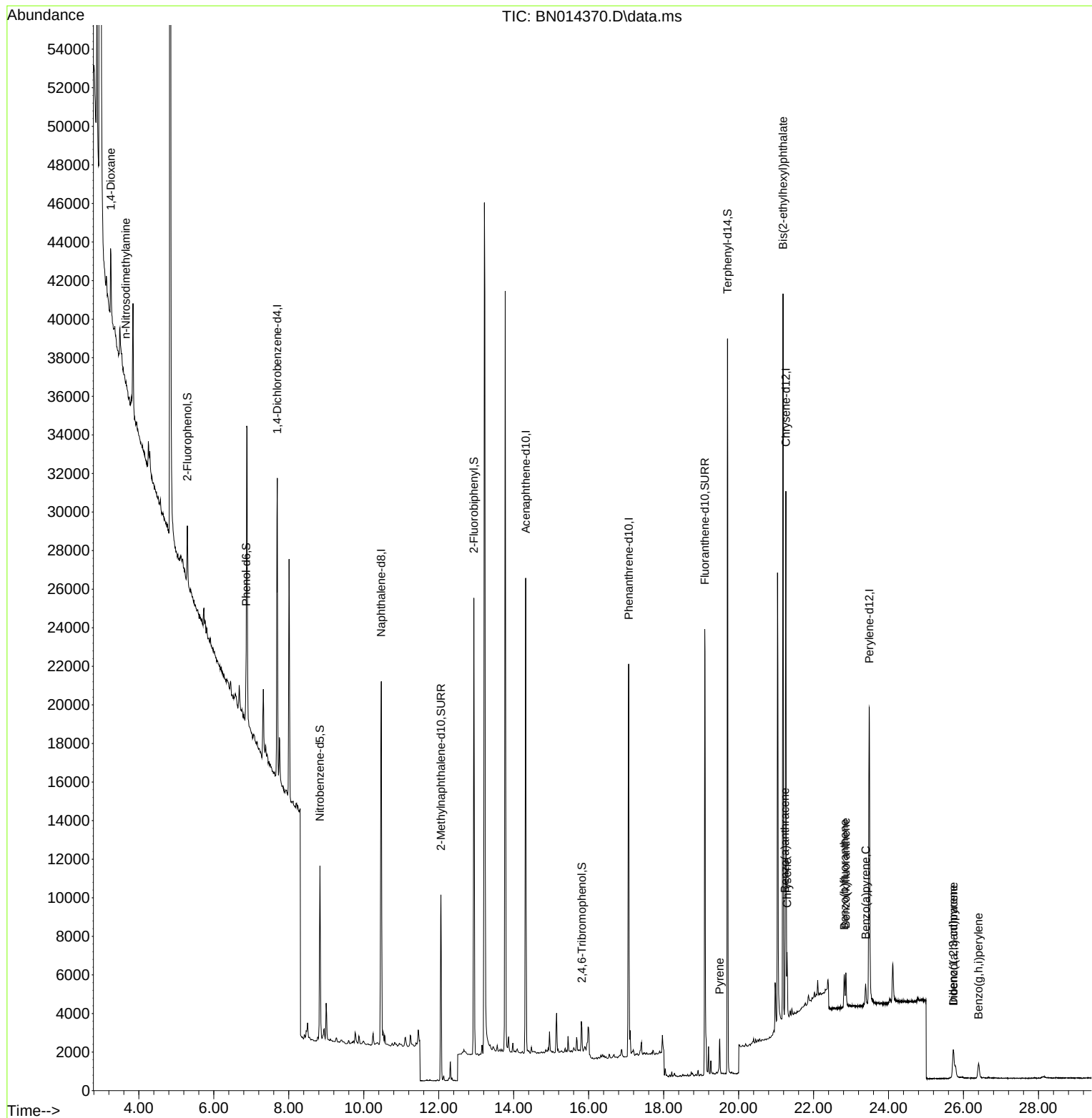
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	7350	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	26274	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	13368	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	27683	0.40	ng	0.00
29) Chrysene-d12	21.261	240	25162	0.40	ng	# 0.00
36) Perylene-d12	23.486	264	21762	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	2473	0.16	ng	0.00
5) Phenol-d6	6.863	99	1841	0.10	ng	0.00
8) Nitrobenzene-d5	8.832	82	7730	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	12581	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1300	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	19503	0.37	ng	0.00
27) Fluoranthene-d10	19.099	212	26168	0.36	ng	0.00
31) Terphenyl-d14	19.705	244	36857	0.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.255	88	2689	0.30	ng	# 66
3) n-Nitrosodimethylamine	3.649	42	33	0.14	ng	# 58
30) Pyrene	19.496	202	1766	0.02	ng	98
32) Benzo(a)anthracene	21.239	228	2263	0.03	ng	93
33) Chrysene	21.292	228	2596	0.03	ng	93
34) Bis(2-ethylhexyl)phtha...	21.186	149	33107	1.41	ng	99
35) Indeno(1,2,3-cd)pyrene	25.724	276	1853	0.02	ng	96
37) Benzo(b)fluoranthene	22.818	252	2073	0.03	ng	# 18
38) Benzo(k)fluoranthene	22.859	252	2144	0.03	ng	# 19
39) Benzo(a)pyrene	23.390	252	1534	0.02	ng	# 1
40) Dibenzo(a,h)anthracene	25.735	278	1675	0.02	ng	# 40
41) Benzo(g,h,i)perylene	26.402	276	1680	0.02	ng	# 72

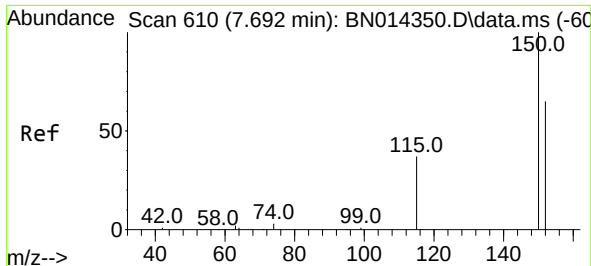
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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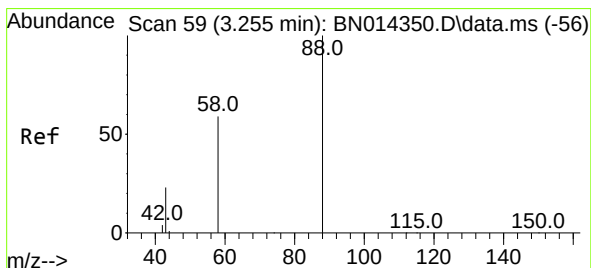
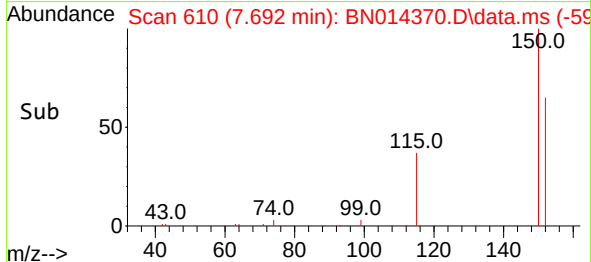
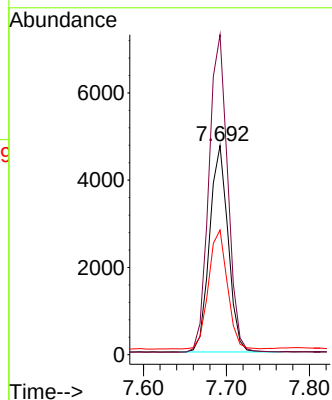
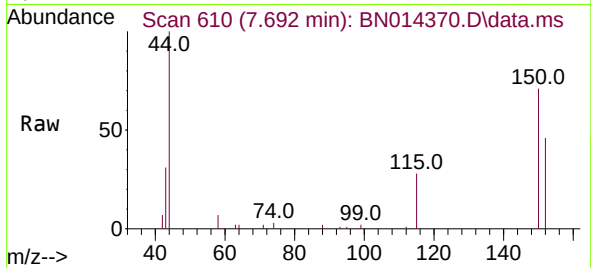




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: BN014370.D
 Acq: 22 Apr 2021 01:13

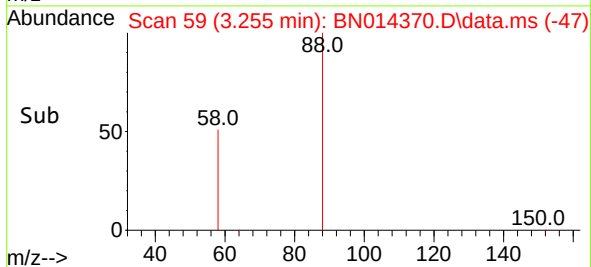
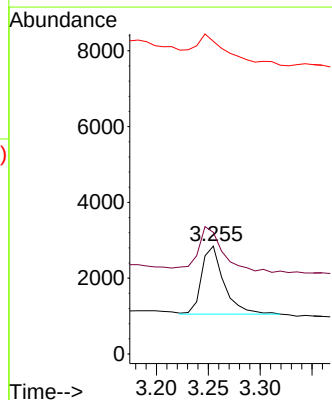
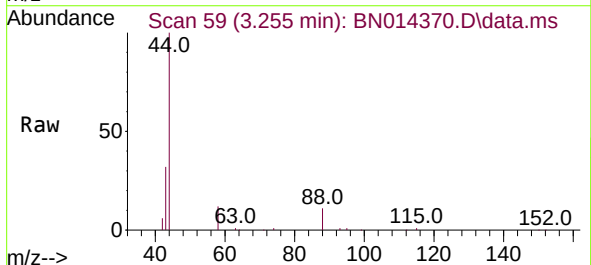
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-198-200

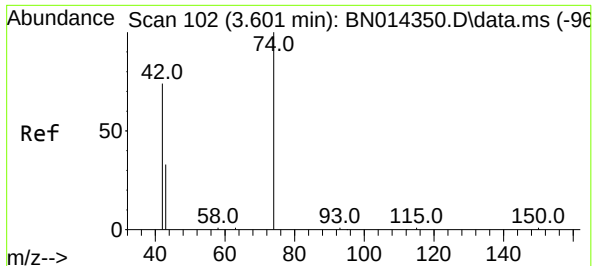
Tgt Ion:152 Resp: 7350
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.4 185.2
 115 59.6 47.5 71.3



#2
 1,4-Dioxane
 Concen: 0.30 ng
 RT: 3.255 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: BN014370.D
 Acq: 22 Apr 2021 01:13

Tgt Ion: 88 Resp: 2689
 Ion Ratio Lower Upper
 88 100
 58 76.4 52.2 78.2
 43 67.9 20.6 30.8

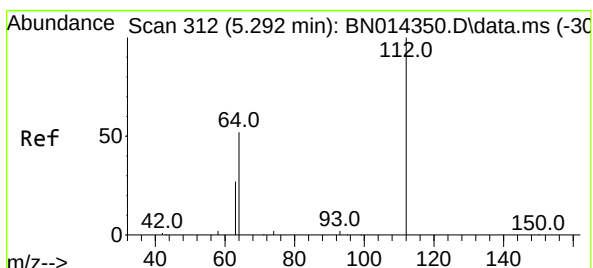
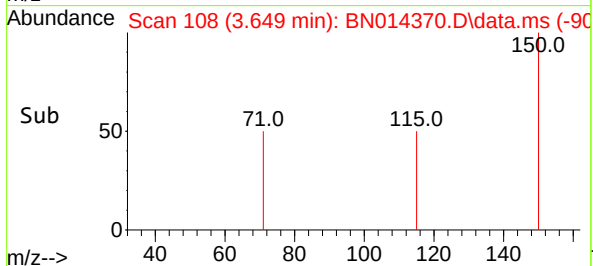
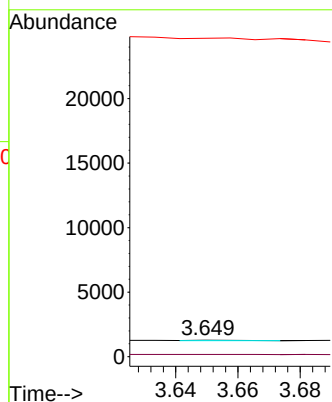
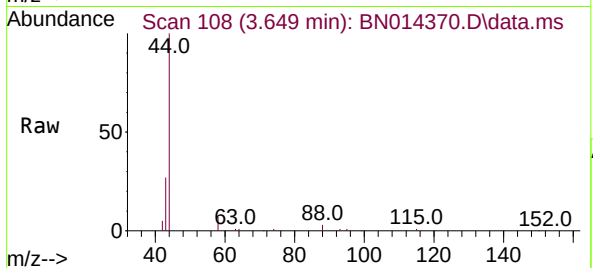




#3
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 3.649 min Scan# 108
Delta R.T. 0.048 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

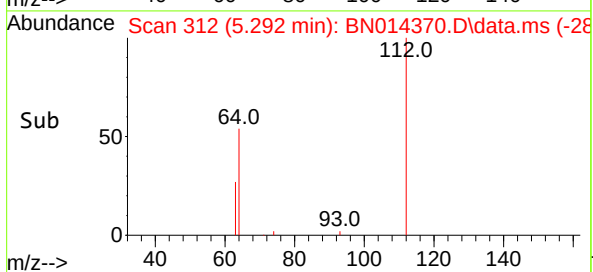
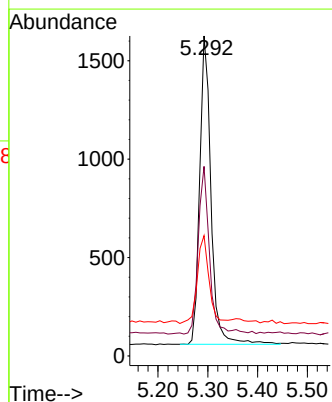
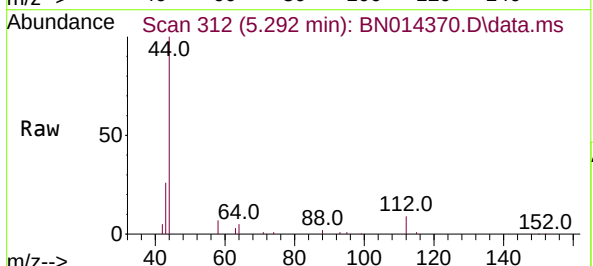
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-198-200

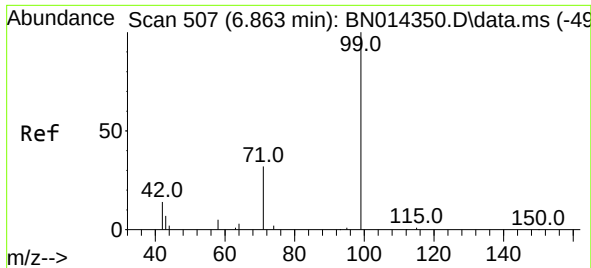
Tgt Ion: 42 Resp: 33
Ion Ratio Lower Upper
42 100
74 84.8 108.0 162.0#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

Tgt Ion: 112 Resp: 2473
Ion Ratio Lower Upper
112 100
64 54.8 43.0 64.6
63 29.6 23.4 35.0

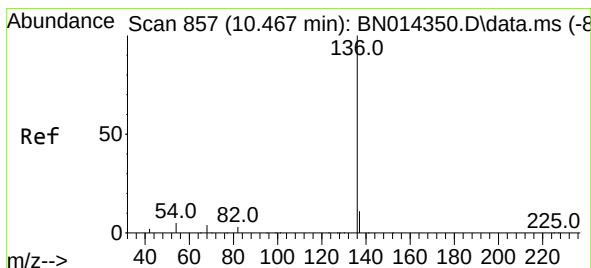
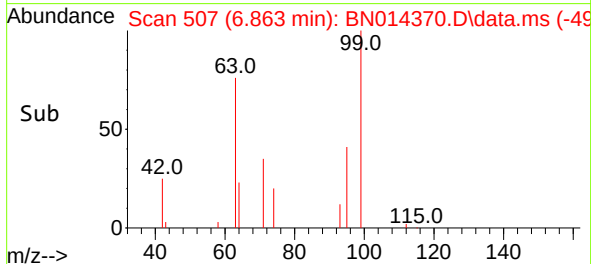
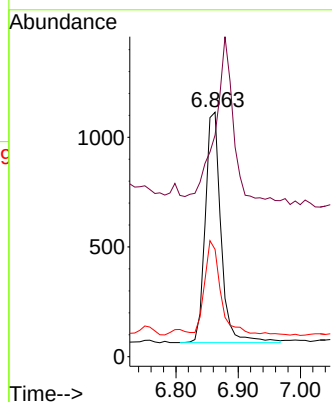
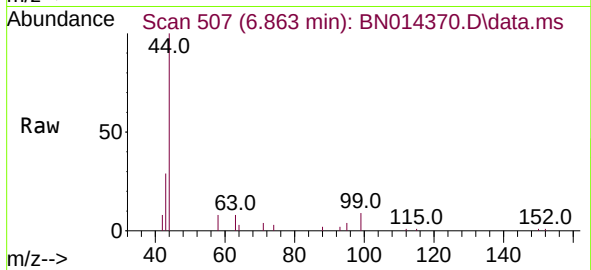




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.863 min Scan# 507
Delta R.T. -0.000 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

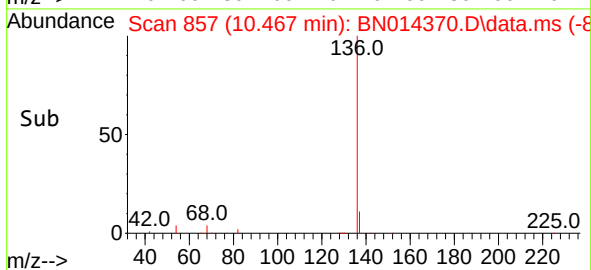
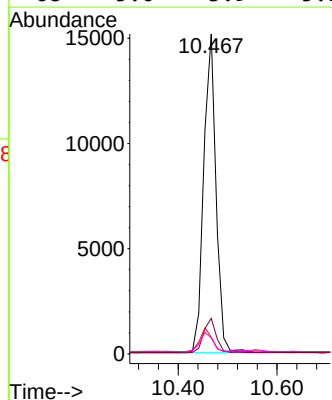
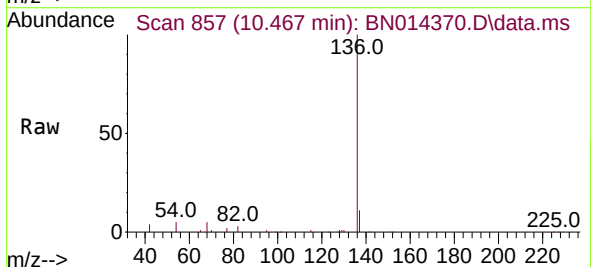
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-198-200

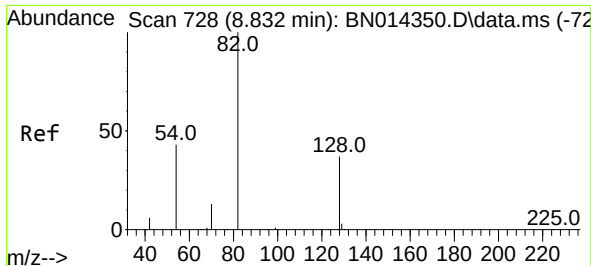
Tgt Ion: 99 Resp: 1841
Ion Ratio Lower Upper
99 100
42 0.0 16.0 24.0#
71 44.0 27.8 41.8#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

Tgt Ion:136 Resp: 26274
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 5.2 4.4 6.6
68 5.0 3.9 5.9

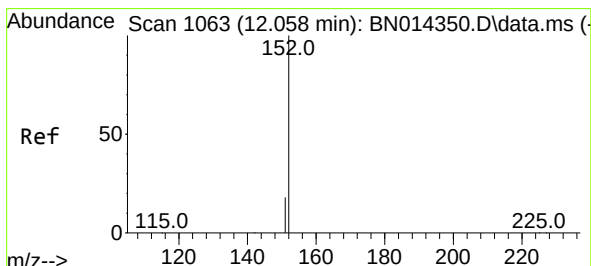
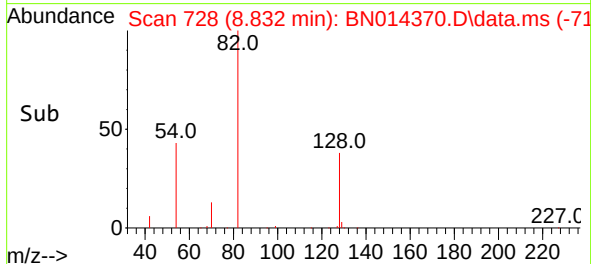
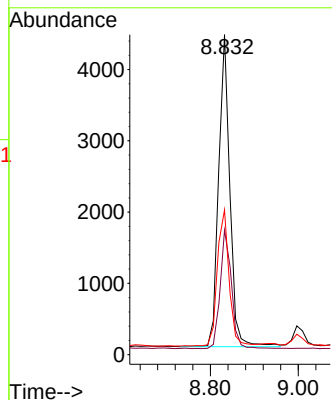
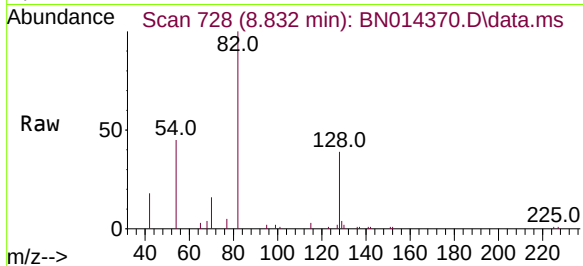




#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

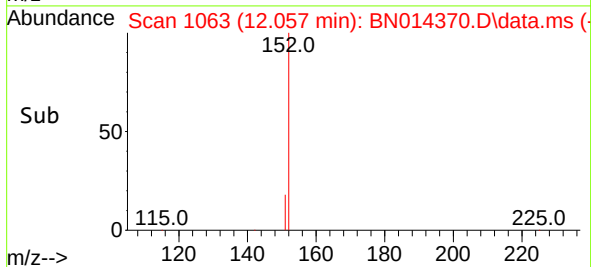
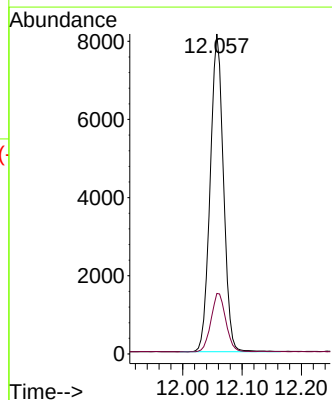
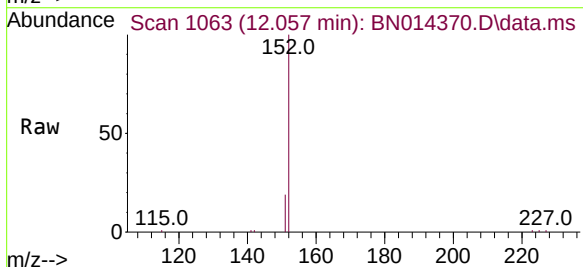
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-198-200

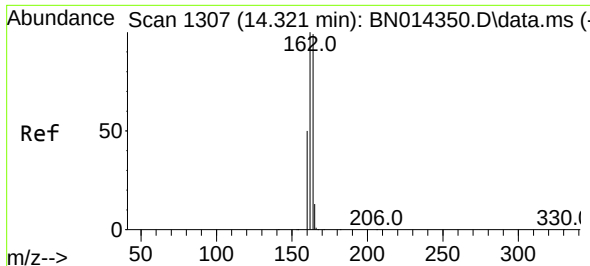
Tgt Ion: 82 Resp: 7730
Ion Ratio Lower Upper
82 100
128 38.9 30.3 45.5
54 45.2 35.8 53.8



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.000 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

Tgt Ion: 152 Resp: 12581
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5

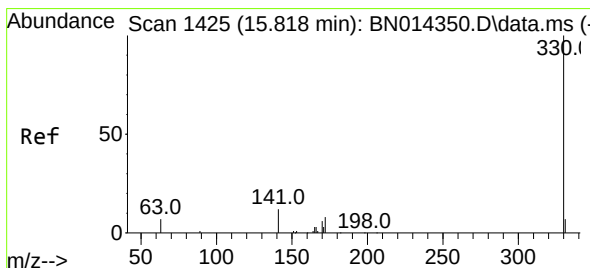
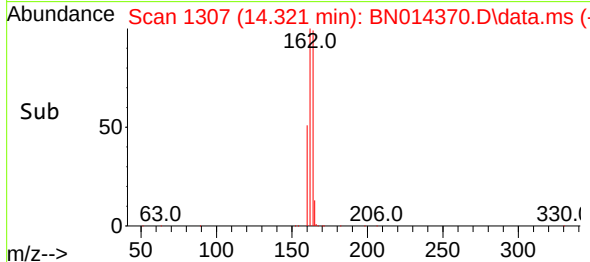
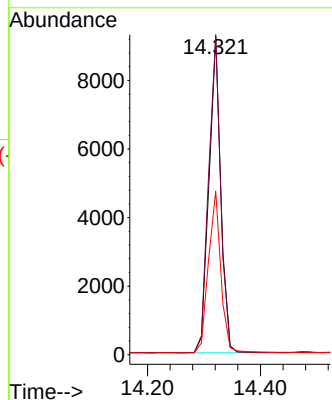
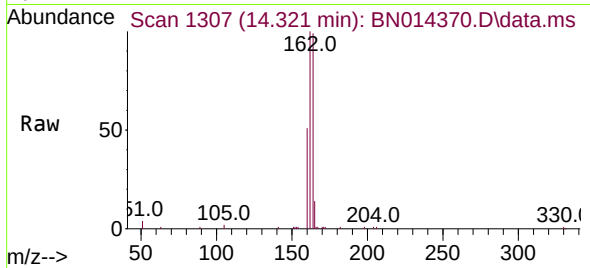




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

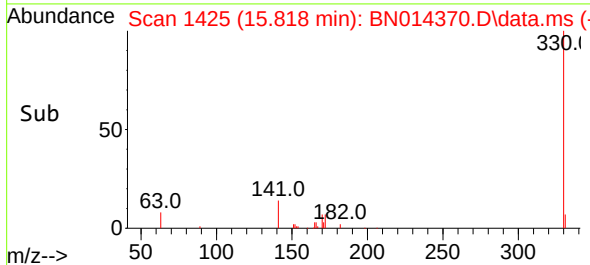
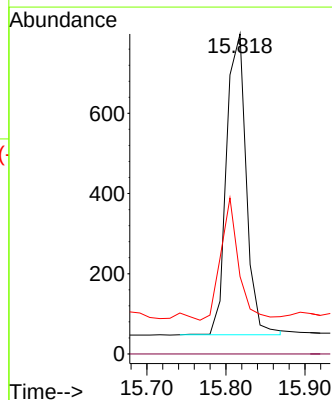
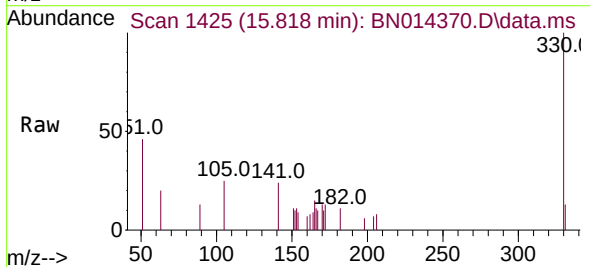
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ClientSampleId :
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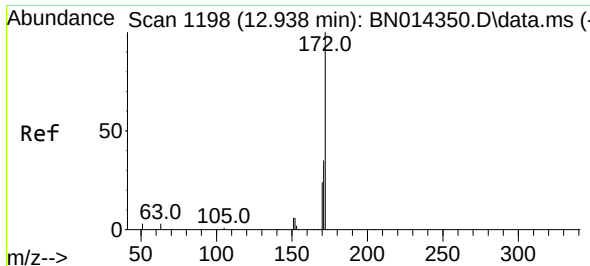
Tgt Ion:164 Resp: 13368
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.6
160 51.4 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

Tgt Ion:330 Resp: 1300
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.1 26.2 39.2

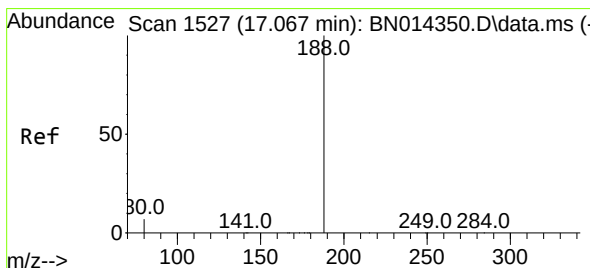
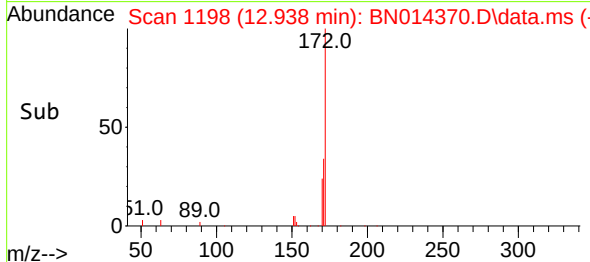
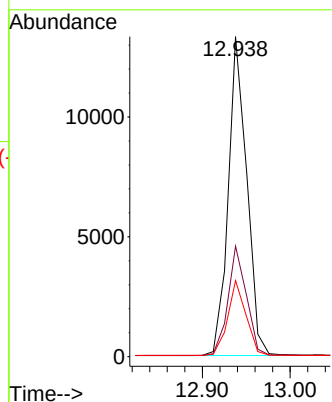
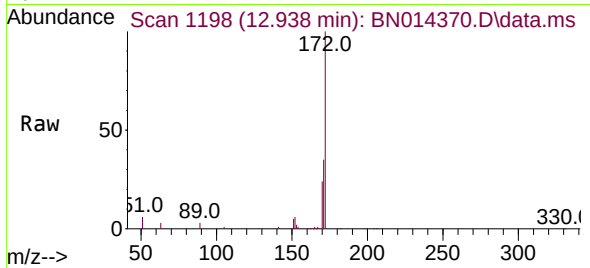




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

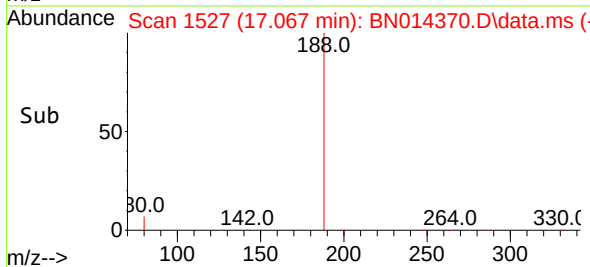
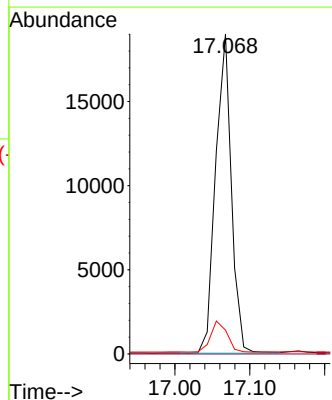
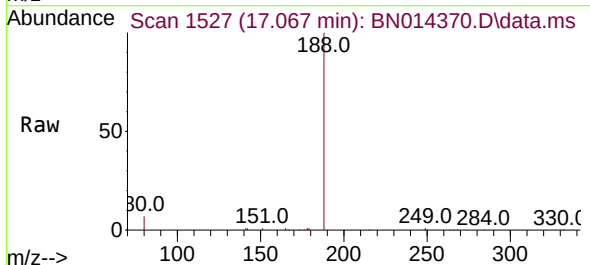
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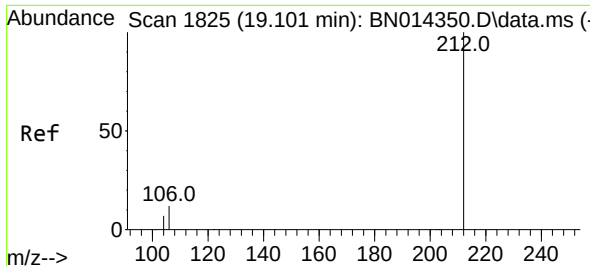
Tgt Ion:	172	Resp:	19503
Ion Ratio	Lower	Upper	
172	100		
171	34.6	28.2	42.2
170	23.8	19.6	29.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

Tgt Ion:	188	Resp:	27683
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.5	6.2	9.4

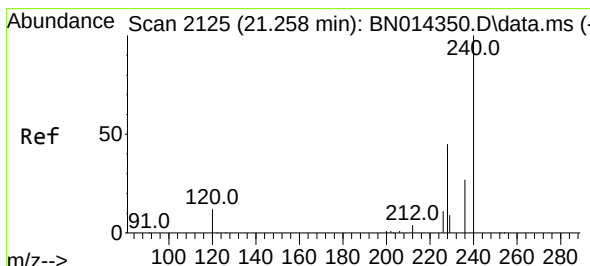
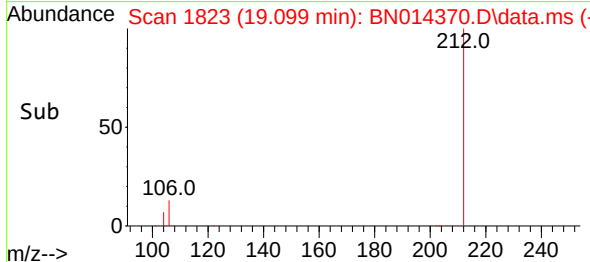
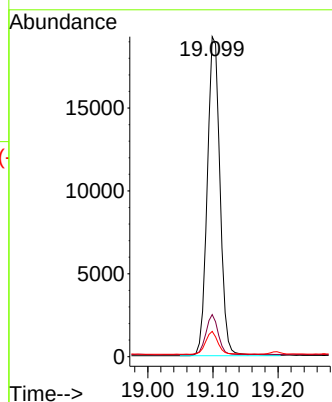
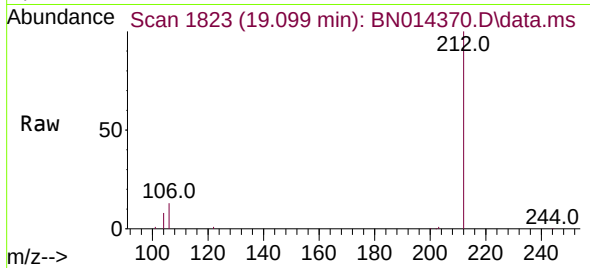




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.099 min Scan# 1823
Delta R.T. -0.002 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

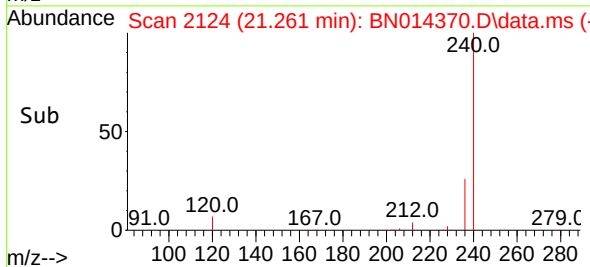
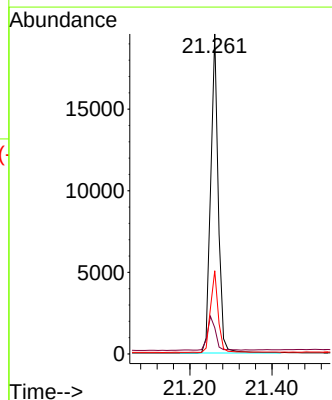
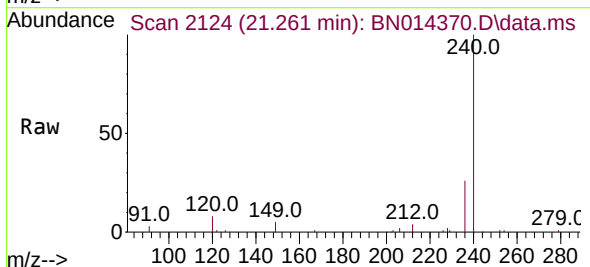
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-198-200

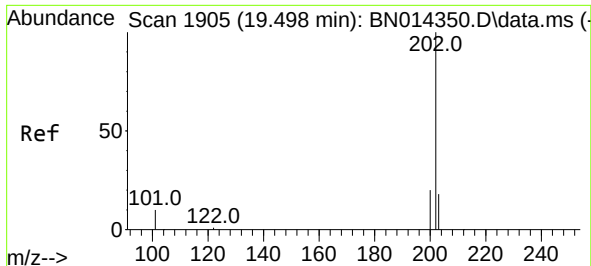
Tgt Ion:212 Resp: 26168
Ion Ratio Lower Upper
212 100
106 12.0 9.7 14.5
104 7.0 5.4 8.0



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

Tgt Ion:240 Resp: 25162
Ion Ratio Lower Upper
240 100
120 8.2 10.7 16.1#
236 26.0 21.5 32.3

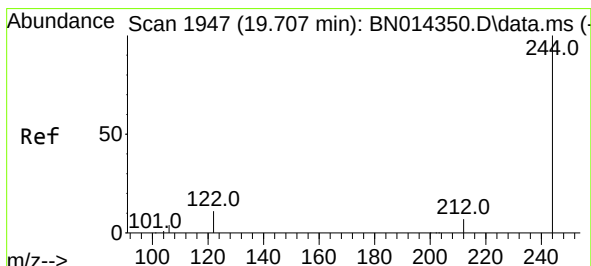
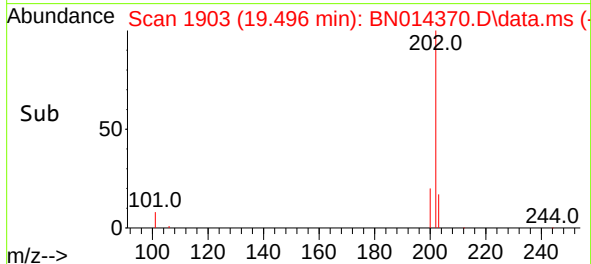
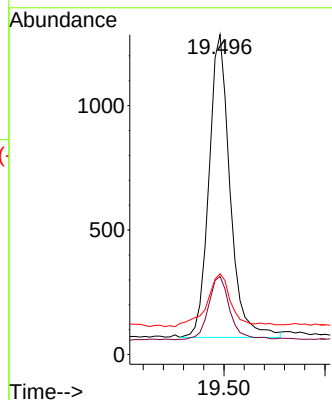
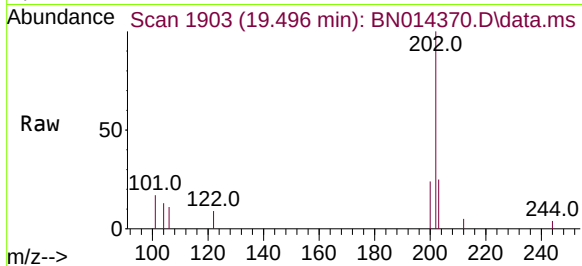




#30
Pyrene
Concen: 0.02 ng
RT: 19.496 min Scan# 1903
Delta R.T. -0.002 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

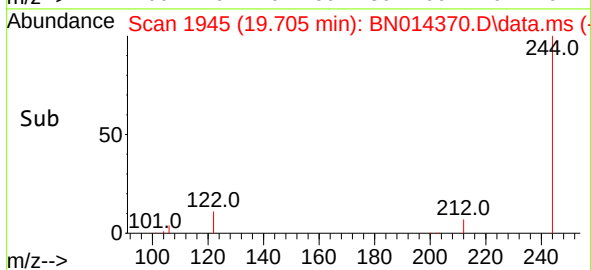
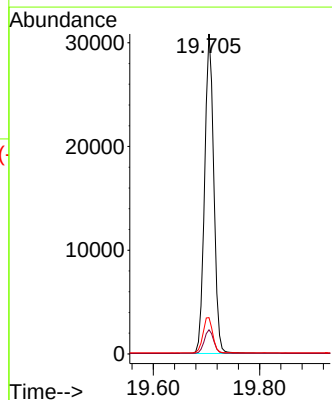
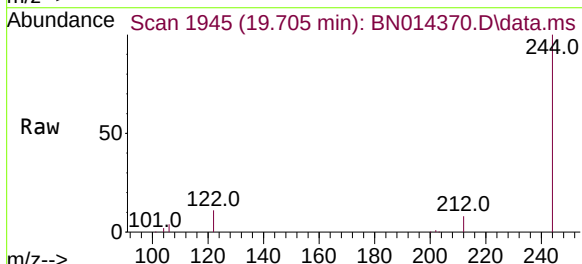
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-198-200

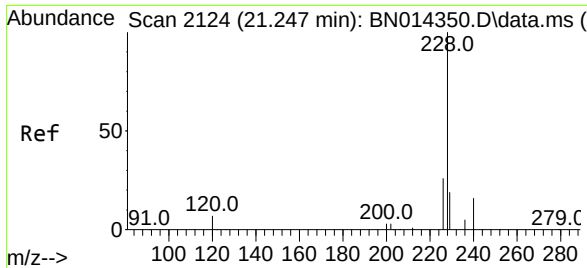
Tgt Ion:202	Resp:	1766
Ion Ratio	Lower	Upper
202	100	
200	21.1	16.6 24.8
203	19.4	14.1 21.1



#31
Terphenyl-d14
Concen: 0.69 ng
RT: 19.705 min Scan# 1945
Delta R.T. -0.002 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

Tgt Ion:244	Resp:	36857
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.2 9.4
122	11.4	9.3 13.9

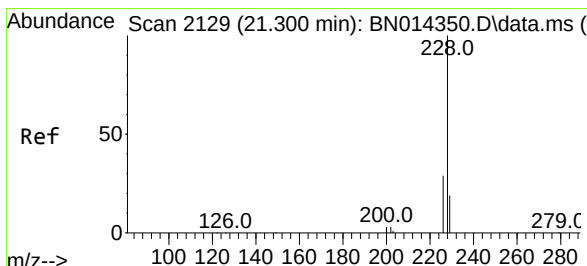
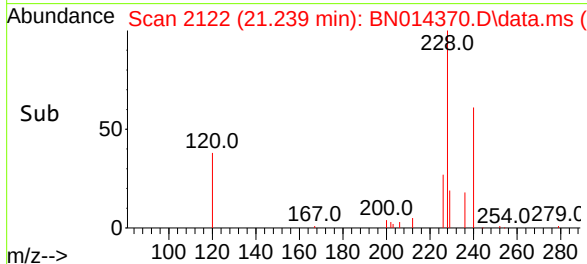
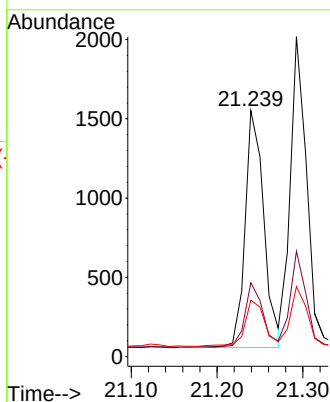
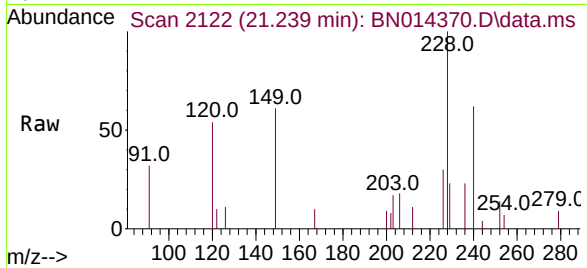




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.008 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

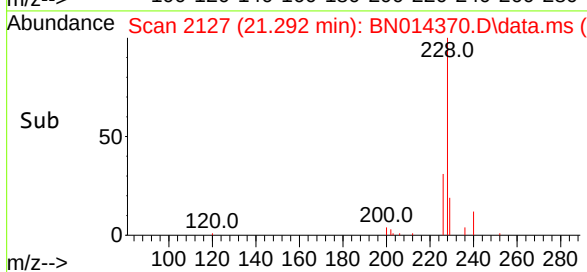
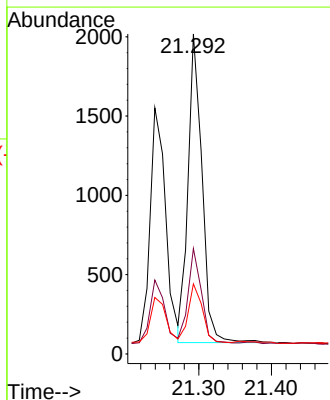
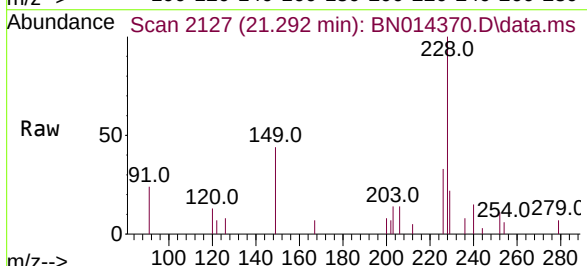
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-198-200

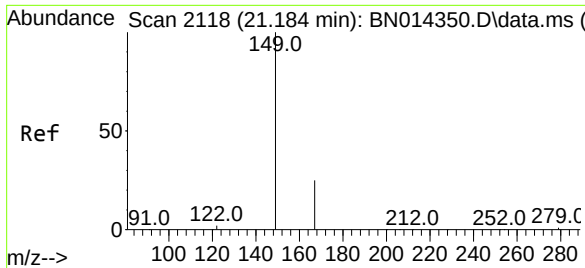
Tgt Ion:228	Resp:	2263
Ion Ratio	Lower	Upper
228	100	
226	30.0	21.3 31.9
229	22.9	15.7 23.5



#33
Chrysene
Concen: 0.03 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

Tgt Ion:228	Resp:	2596
Ion Ratio	Lower	Upper
228	100	
226	33.0	23.1 34.7
229	21.9	15.7 23.5

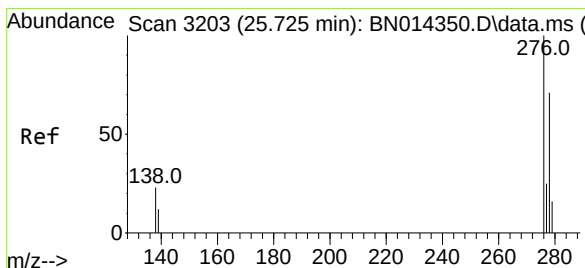
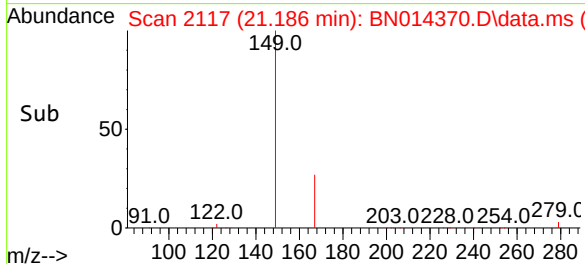
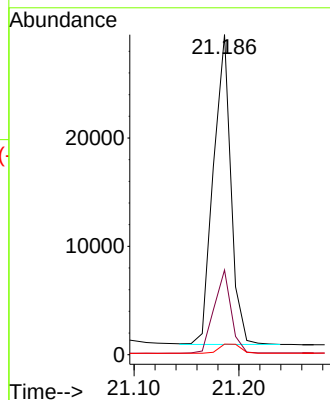
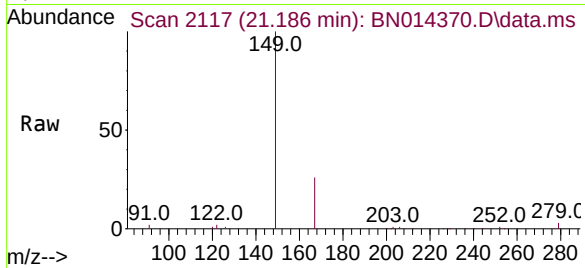




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.41 ng
 RT: 21.186 min Scan# 2117
 Delta R.T. 0.003 min
 Lab File: BN014370.D
 Acq: 22 Apr 2021 01:13

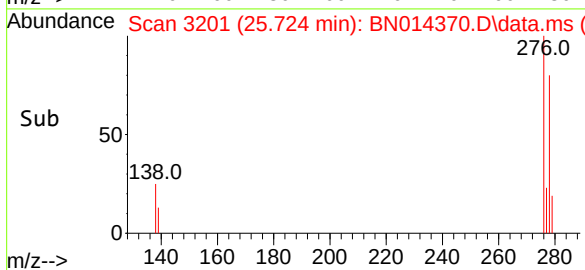
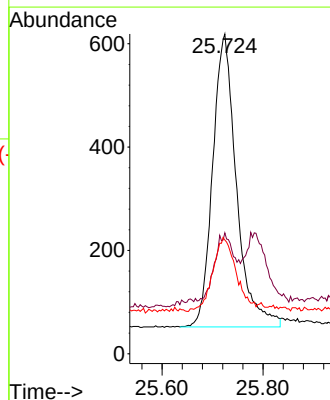
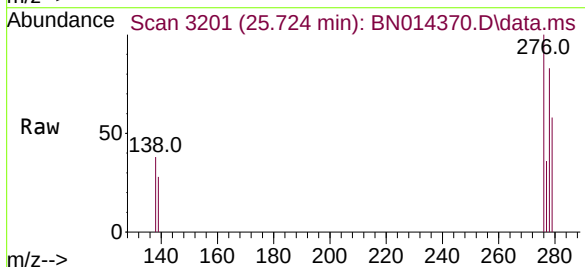
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-198-200

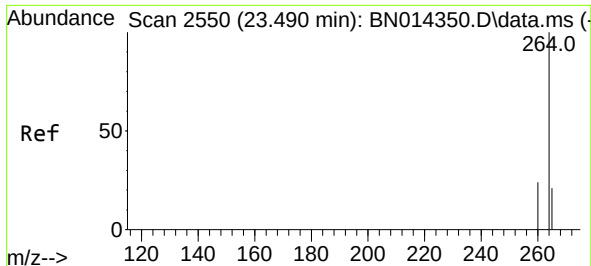
Tgt Ion:	149	Resp:	33107
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	3.7	3.1	4.7



#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng
 RT: 25.724 min Scan# 3201
 Delta R.T. -0.001 min
 Lab File: BN014370.D
 Acq: 22 Apr 2021 01:13

Tgt Ion:	276	Resp:	1853
Ion Ratio	Lower	Upper	
276	100		
138	19.8	18.9	28.3
277	25.0	19.8	29.8

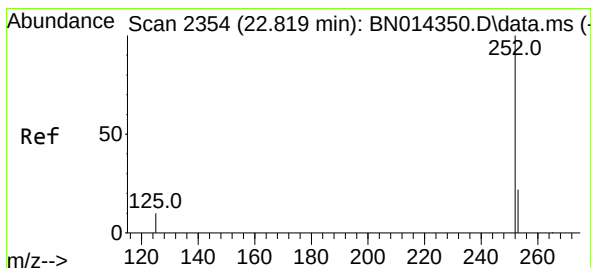
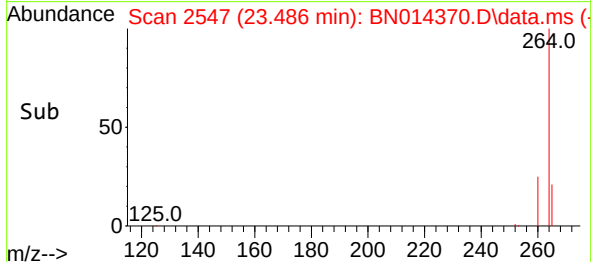
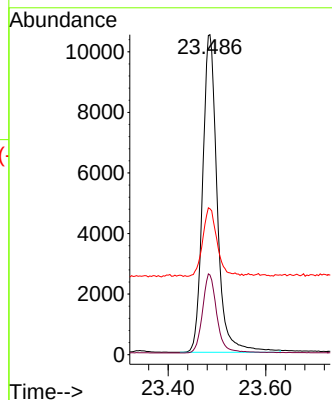
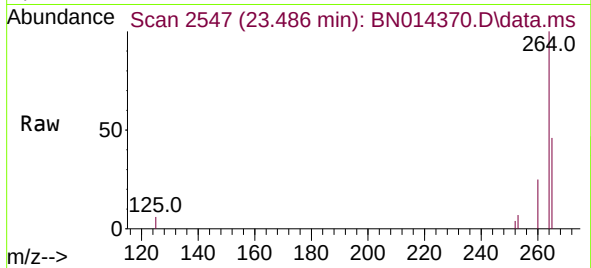




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.486 min Scan# 2547
 Delta R.T. -0.004 min
 Lab File: BN014370.D
 Acq: 22 Apr 2021 01:13

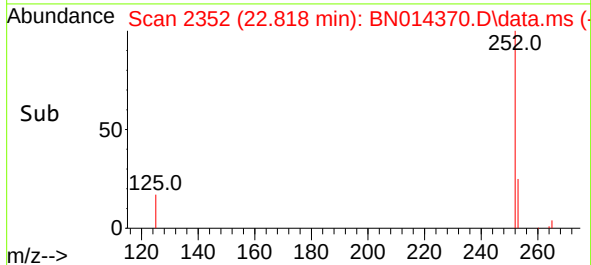
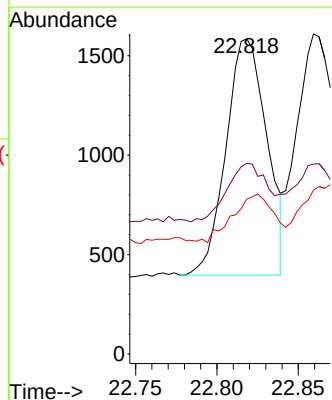
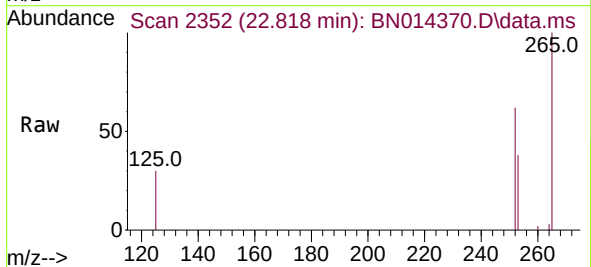
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-198-200

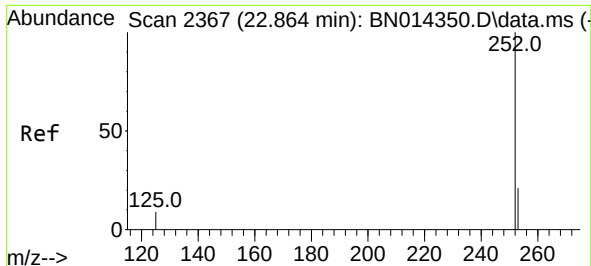
Tgt Ion:264	Resp:	21762
Ion Ratio	Lower	Upper
264	100	
260	24.9	19.8 29.6
265	45.6	34.4 51.6



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.818 min Scan# 2352
 Delta R.T. -0.001 min
 Lab File: BN014370.D
 Acq: 22 Apr 2021 01:13

Tgt Ion:252	Resp:	2073
Ion Ratio	Lower	Upper
252	100	
253	60.5	19.0 28.6#
125	49.1	9.7 14.5#

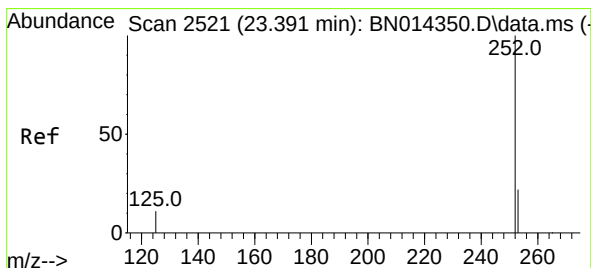
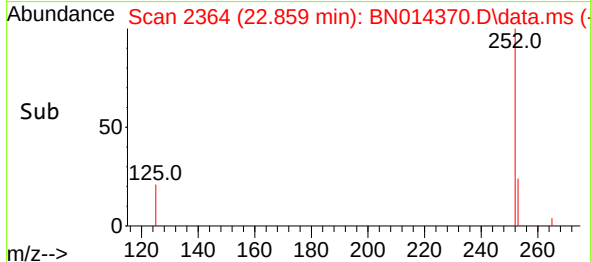
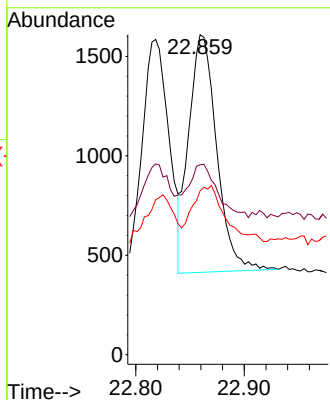
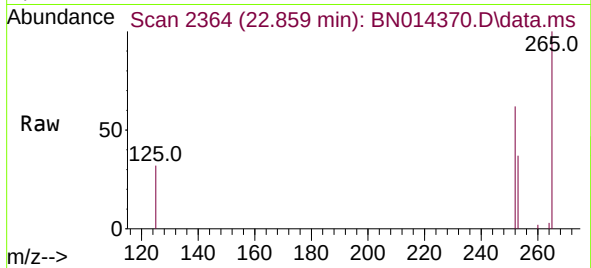




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.859 min Scan# 2364
Delta R.T. -0.004 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

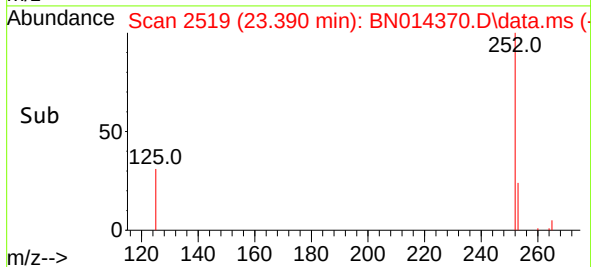
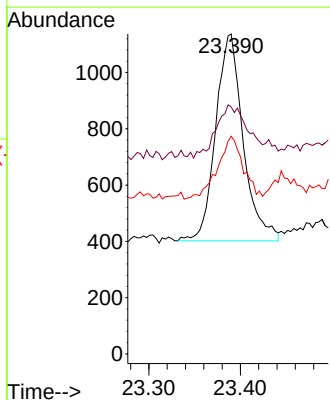
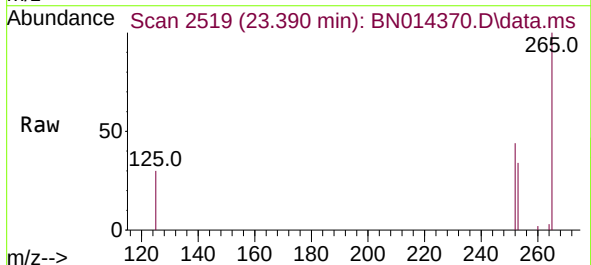
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-198-200

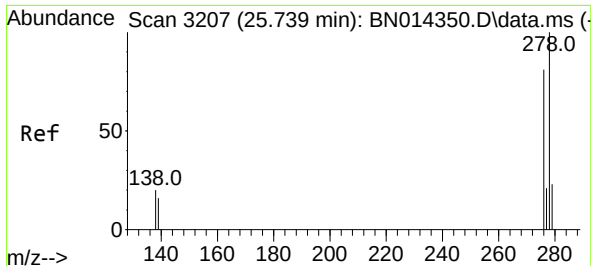
Tgt Ion:252 Resp: 2144
Ion Ratio Lower Upper
252 100
253 59.4 19.3 28.9#
125 51.2 9.4 14.2#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.390 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

Tgt Ion:252 Resp: 1534
Ion Ratio Lower Upper
252 100
253 77.2 20.7 31.1#
125 68.0 11.8 17.6#

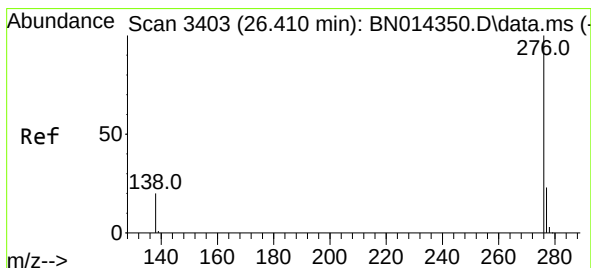
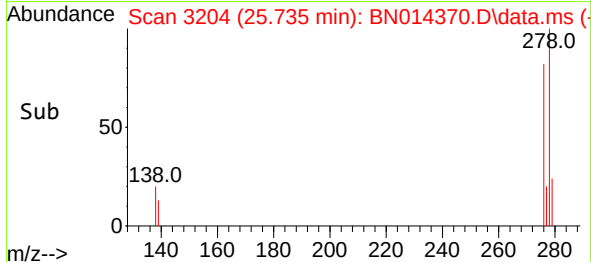
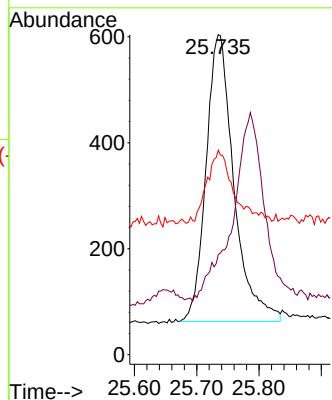
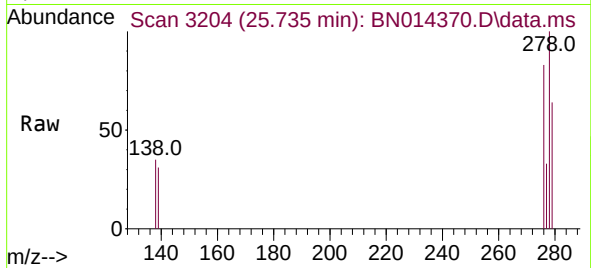




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.735 min Scan# 3204
Delta R.T. -0.004 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-198-200

Tgt Ion:278 Resp: 1675
Ion Ratio Lower Upper
278 100
139 31.3 13.3 19.9#
279 63.9 20.2 30.2#



#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.402 min Scan# 3399
Delta R.T. -0.008 min
Lab File: BN014370.D
Acq: 22 Apr 2021 01:13

Tgt Ion:276 Resp: 1680
Ion Ratio Lower Upper
276 100
277 35.5 19.1 28.7#
138 36.6 16.7 25.1#

