

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042221\
 Data File : BN014369.D
 Acq On : 22 Apr 2021 00:37
 Operator : CG/JU
 Sample : M2122-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-148-150

Quant Time: Apr 22 01:55:35 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)

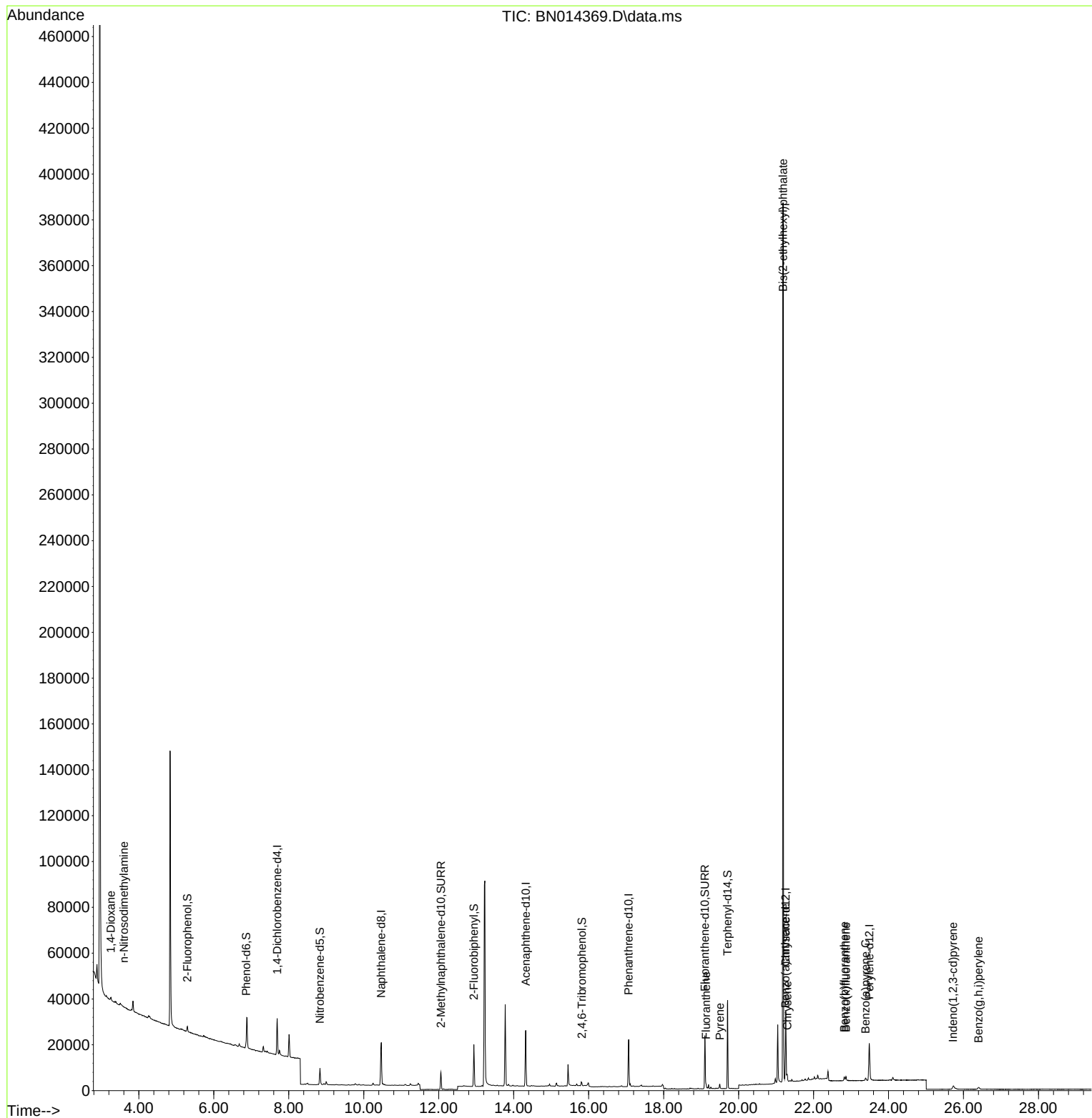
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	7397	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	26518	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	13556	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	27837	0.40	ng	0.00
29) Chrysene-d12	21.258	240	27281	0.40	ng	0.00
36) Perylene-d12	23.486	264	23072	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	2025	0.13	ng	0.00
5) Phenol-d6	6.863	99	1522	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	6140	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	10002	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1408	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	15325	0.29	ng	0.00
27) Fluoranthene-d10	19.101	212	26376	0.36	ng	0.00
31) Terphenyl-d14	19.707	244	37696	0.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.255	88	1108	0.12	ng	# 73
3) n-Nitrosodimethylamine	3.601	42	29	0.14	ng	# 57
28) Fluoranthene	19.131	202	1702	0.02	ng	# 88
30) Pyrene	19.498	202	1917	0.02	ng	# 95
32) Benzo(a)anthracene	21.247	228	2447	0.03	ng	95
33) Chrysene	21.300	228	2747	0.03	ng	94
34) Bis(2-ethylhexyl)phtha...	21.183	149	316592	12.41	ng	99
35) Indeno(1,2,3-cd)pyrene	25.718	276	1905	0.02	ng	97
37) Benzo(b)fluoranthene	22.819	252	2092	0.02	ng	# 23
38) Benzo(k)fluoranthene	22.863	252	2141	0.02	ng	# 21
39) Benzo(a)pyrene	23.387	252	1512	0.02	ng	# 1
41) Benzo(g,h,i)perylene	26.403	276	1736	0.02	ng	# 75

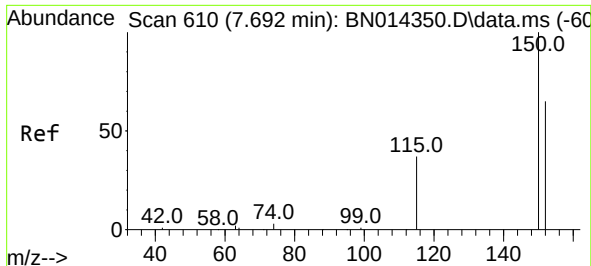
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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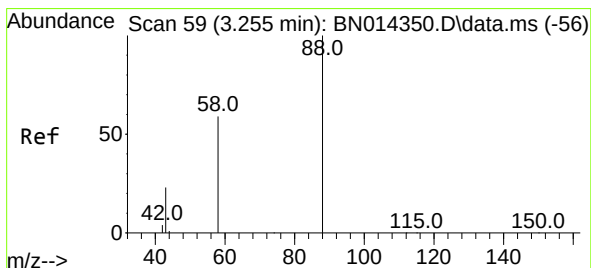
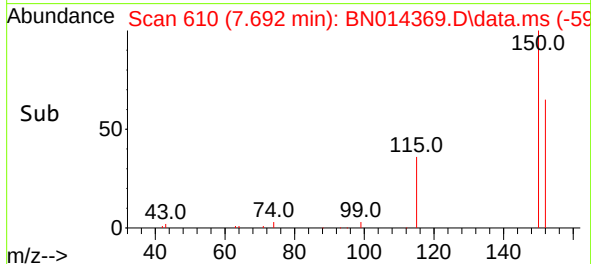
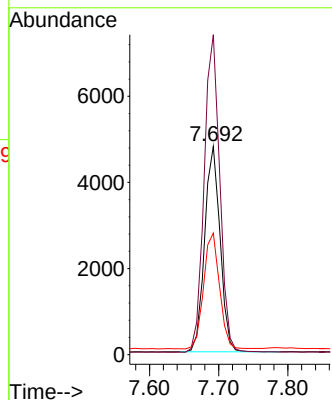
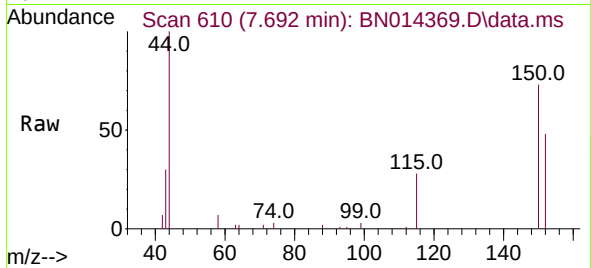




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

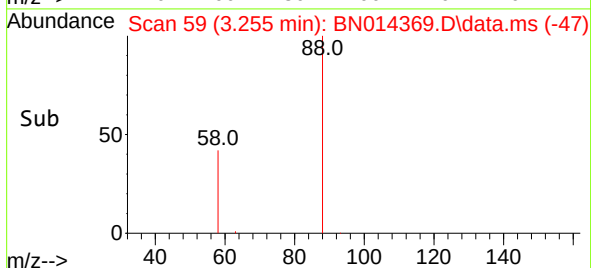
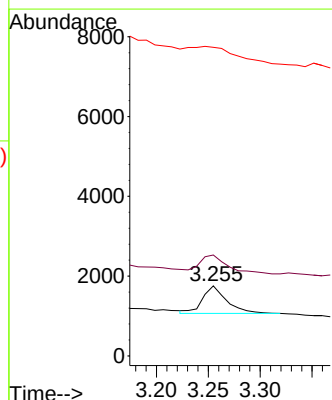
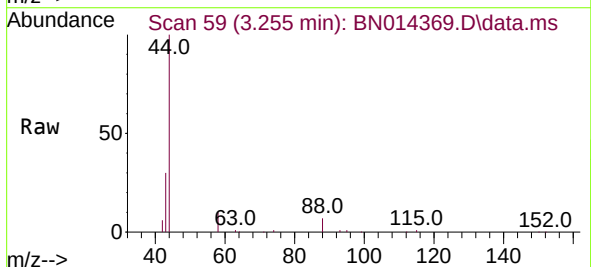
Instrument :
BNA_N
ClientSampleId :
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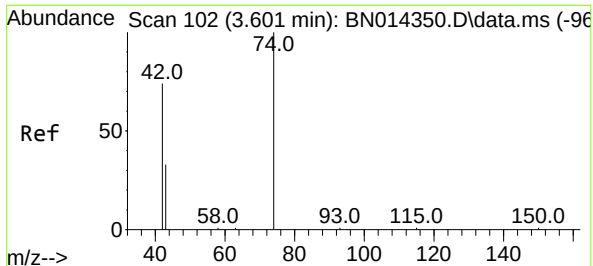
Tgt Ion:152 Resp: 7397
Ion Ratio Lower Upper
152 100
150 153.6 123.4 185.2
115 58.4 47.5 71.3



#2
1,4-Dioxane
Concen: 0.12 ng
RT: 3.255 min Scan# 59
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion: 88 Resp: 1108
Ion Ratio Lower Upper
88 100
58 79.1 52.2 78.2#
43 0.0 20.6 30.8#

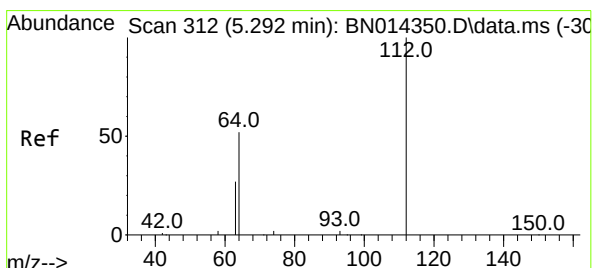
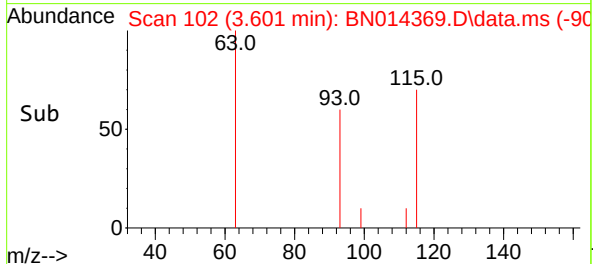
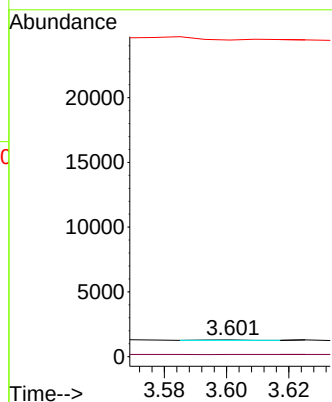
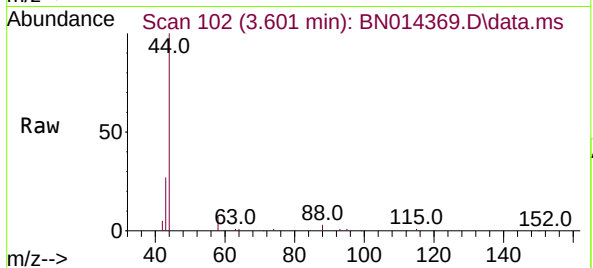




#3
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 3.601 min Scan# 102
Delta R.T. 0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

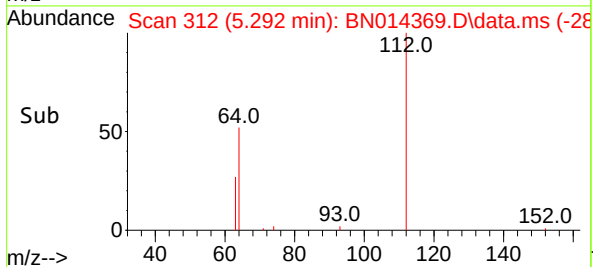
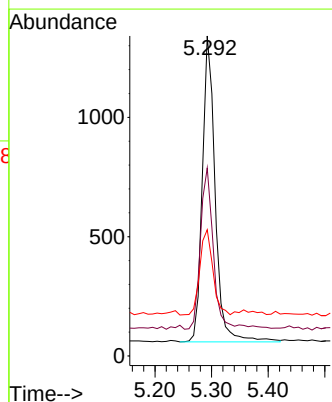
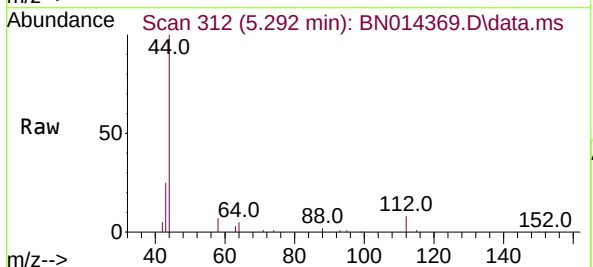
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

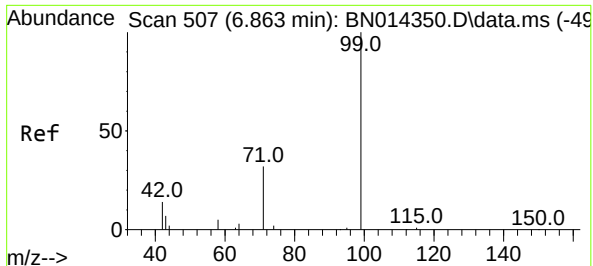
Tgt Ion: 42 Resp: 29
Ion Ratio Lower Upper
42 100
74 186.2 108.0 162.0#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion: 112 Resp: 2025
Ion Ratio Lower Upper
112 100
64 54.0 43.0 64.6
63 27.7 23.4 35.0

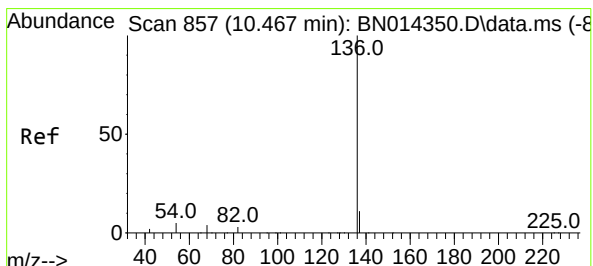
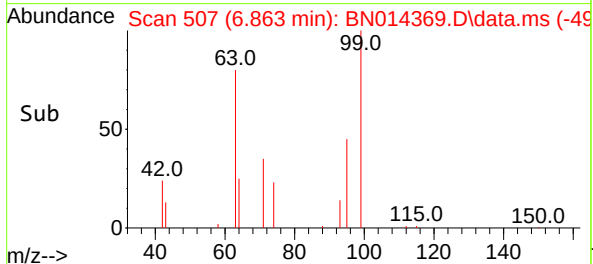
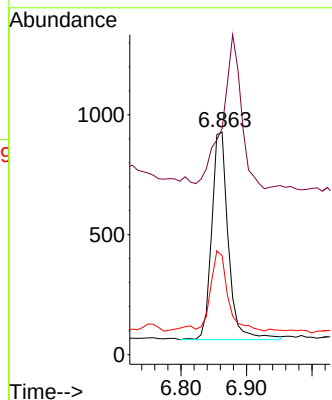
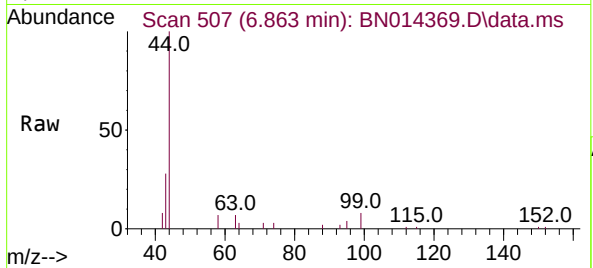




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

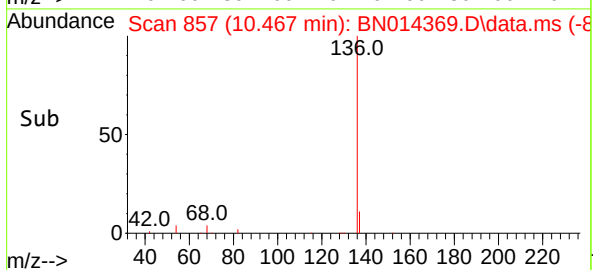
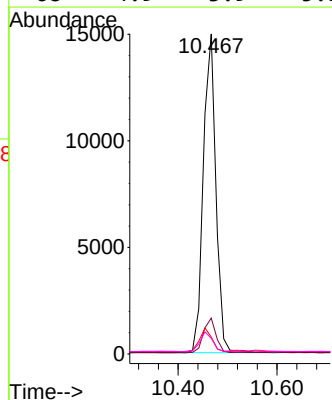
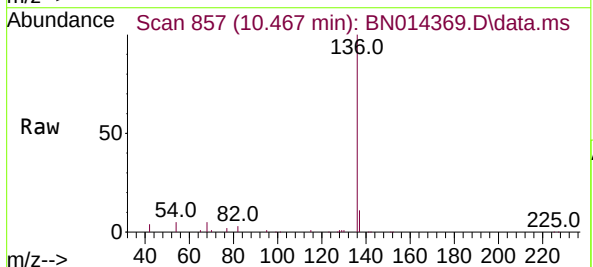
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

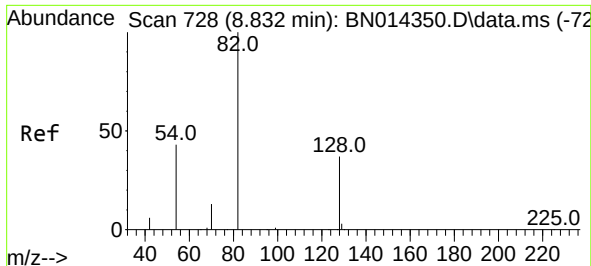
Tgt Ion: 99 Resp: 1522
Ion Ratio Lower Upper
99 100
42 0.0 16.0 24.0#
71 39.3 27.8 41.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion: 136 Resp: 26518
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 5.3 4.4 6.6
68 4.9 3.9 5.9

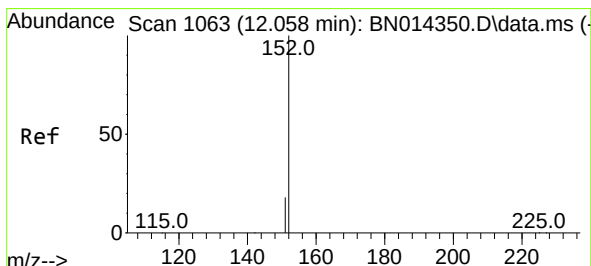
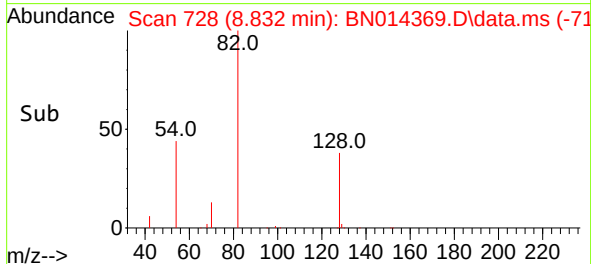
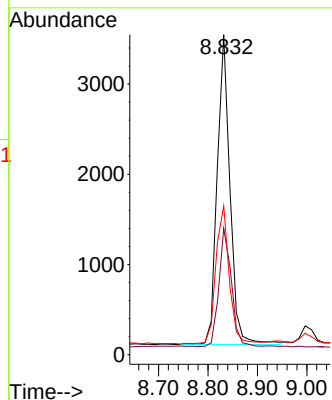
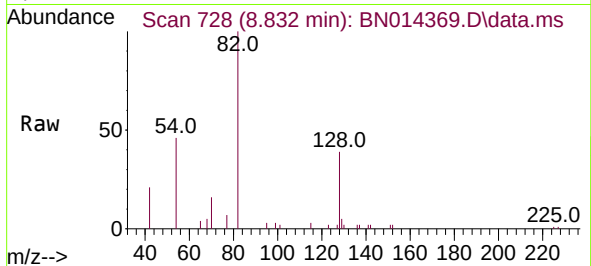




#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

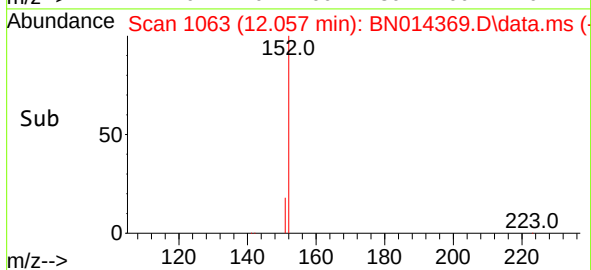
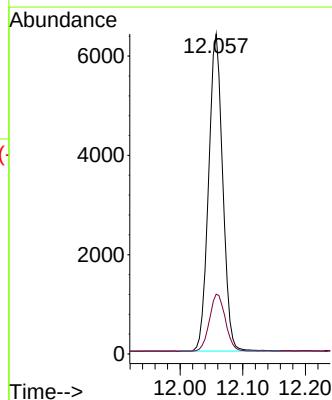
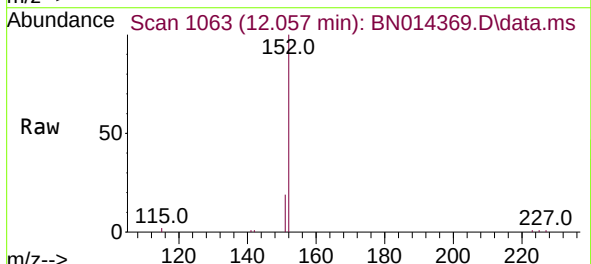
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

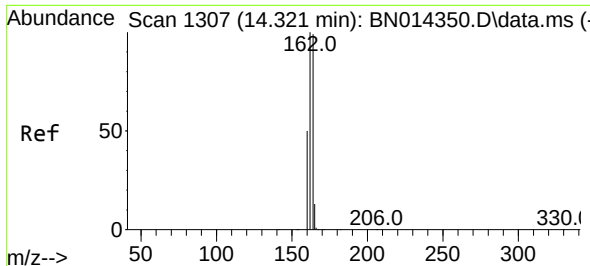
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.3	45.5
54	46.4	35.8	53.8



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5

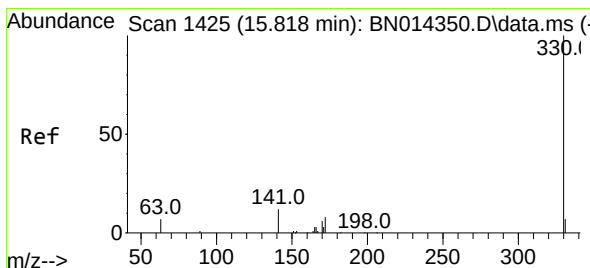
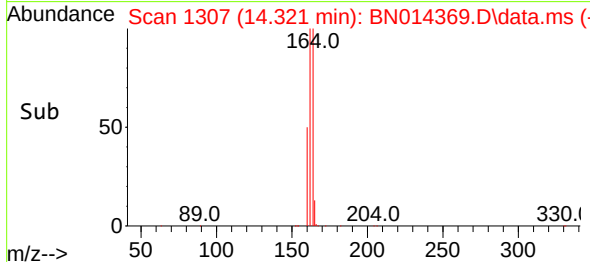
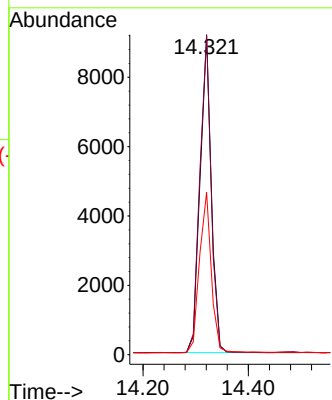
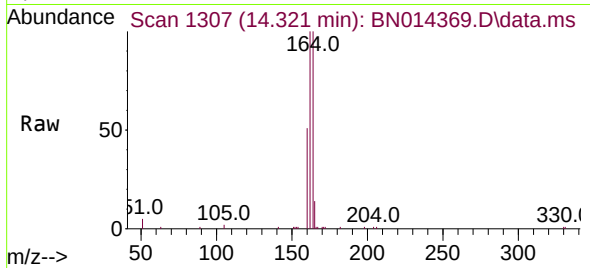




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

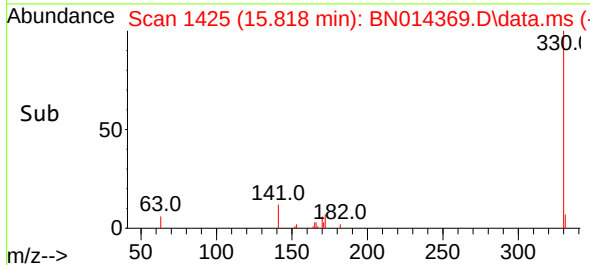
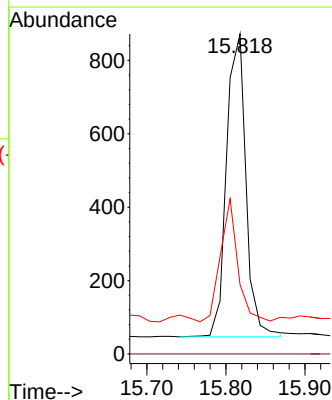
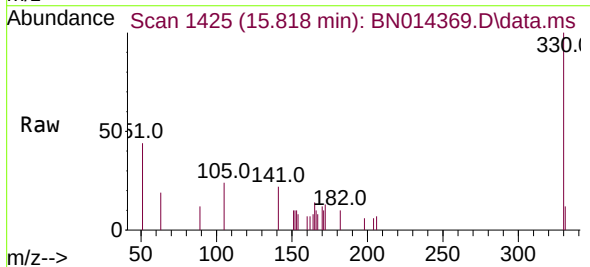
Instrument :
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ClientSampleId :
BP-VPB-RW8-GW-148-150

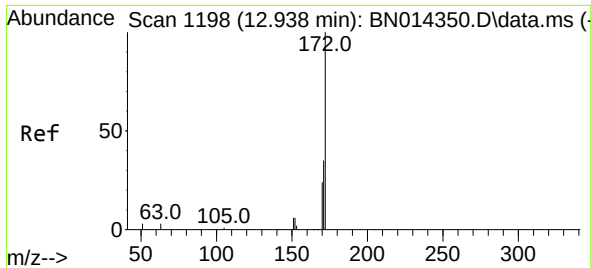
Tgt Ion:164 Resp: 13556
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.6
160 50.9 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion:330 Resp: 1408
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.2 26.2 39.2

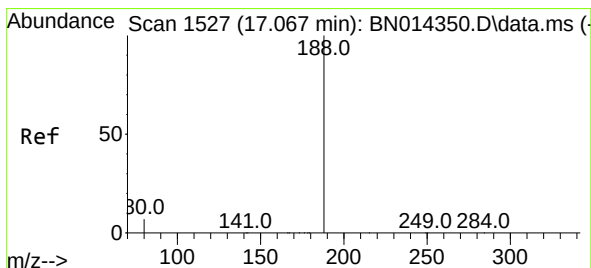
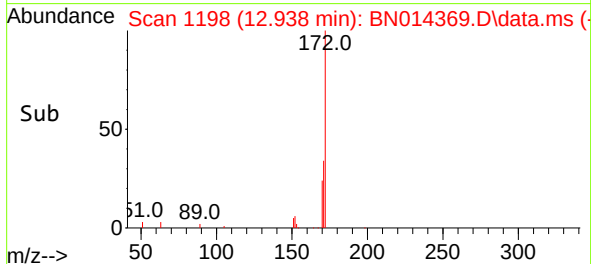
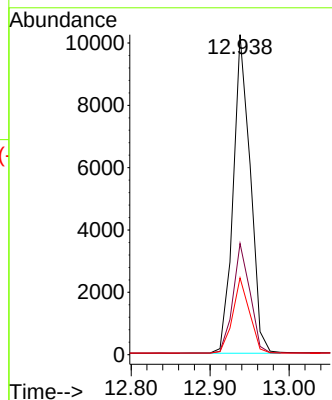
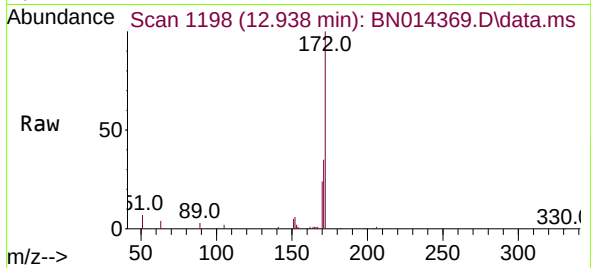




#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

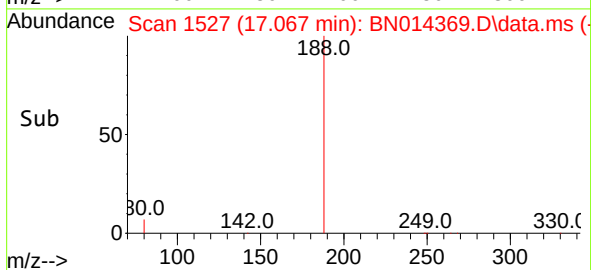
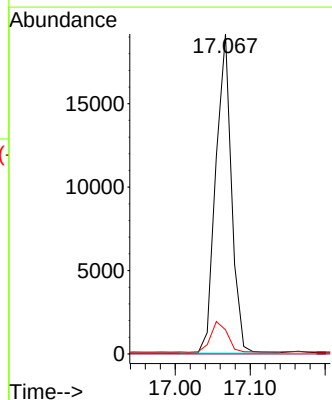
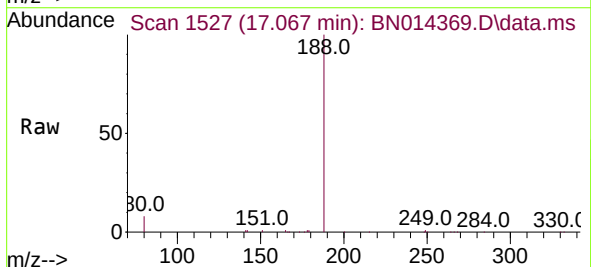
Instrument :
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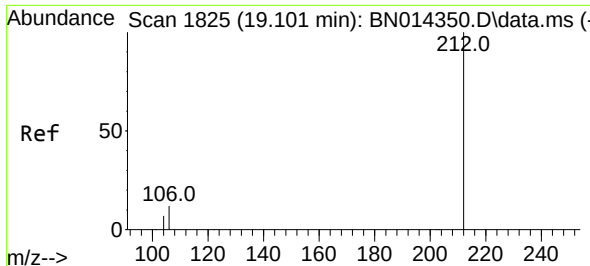
Tgt Ion:172	Resp:	15325
Ion Ratio	Lower	Upper
172	100	
171	34.8	28.2 42.2
170	24.0	19.6 29.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion:188	Resp:	27837
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.6	6.2 9.4

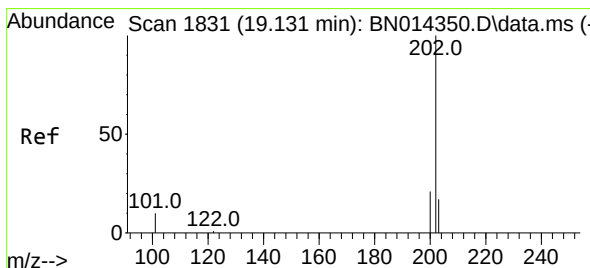
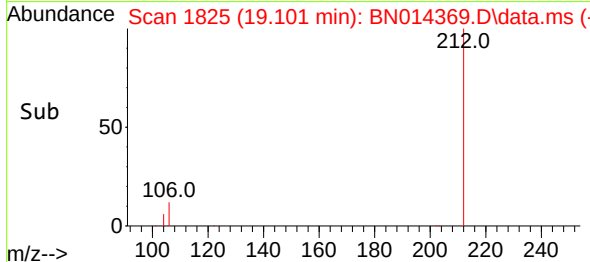
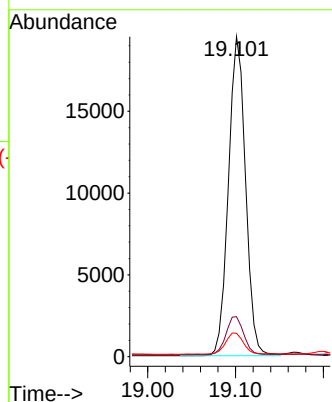
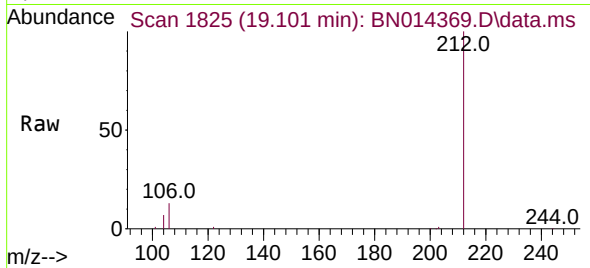




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.101 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

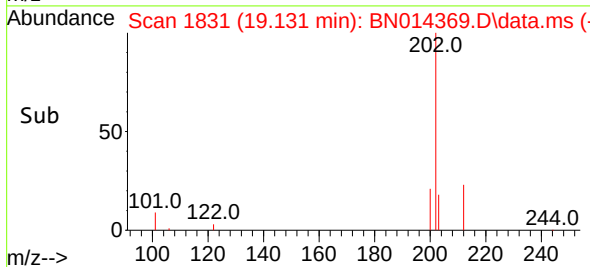
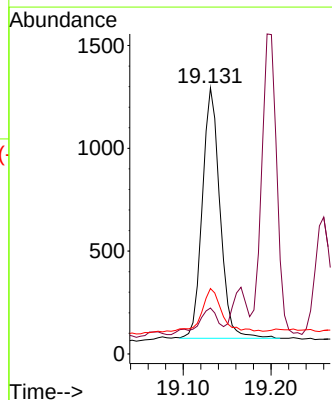
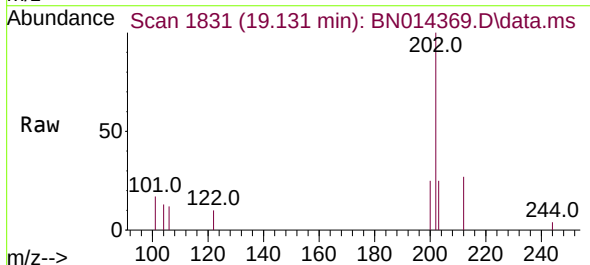
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

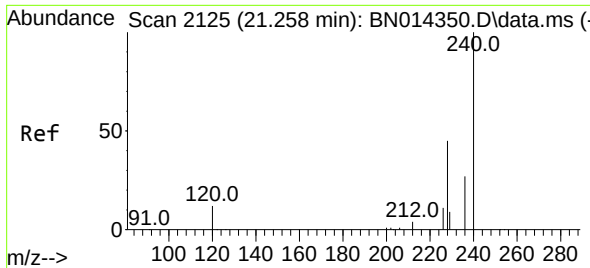
Tgt Ion:212 Resp: 26376
Ion Ratio Lower Upper
212 100
106 12.6 9.7 14.5
104 6.9 5.4 8.0



#28
Fluoranthene
Concen: 0.02 ng
RT: 19.131 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion:202 Resp: 1702
Ion Ratio Lower Upper
202 100
101 11.8 8.2 12.4
203 24.4 13.8 20.6#

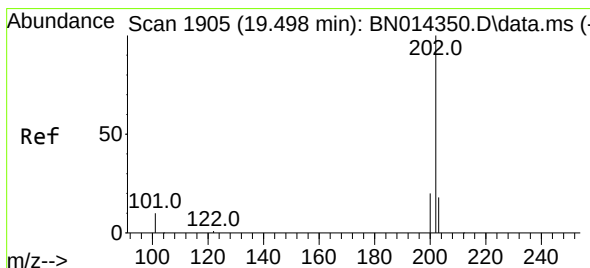
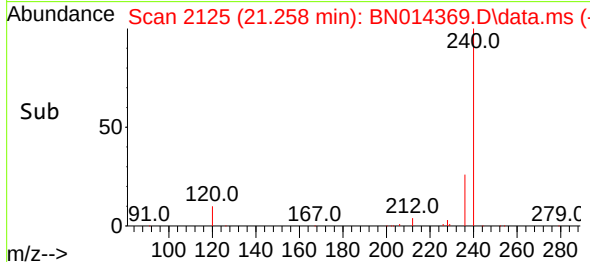
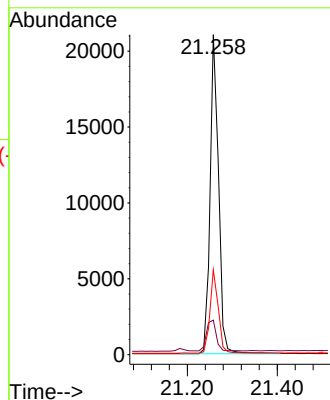
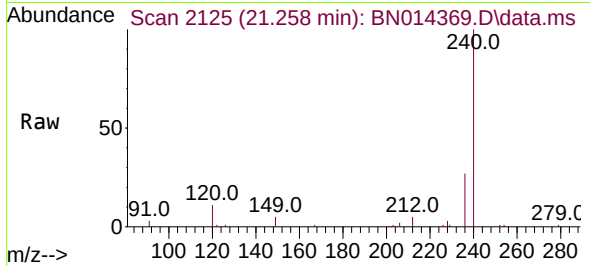




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.258 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

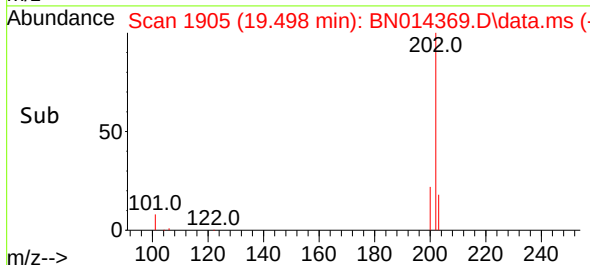
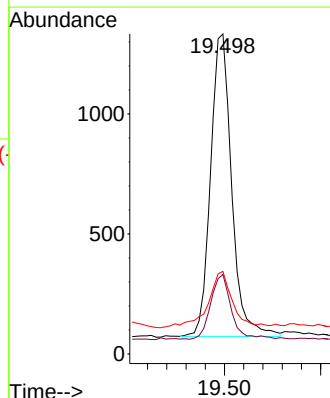
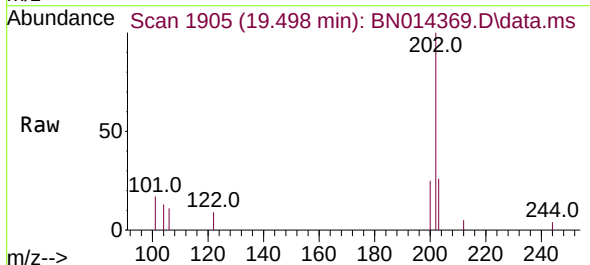
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

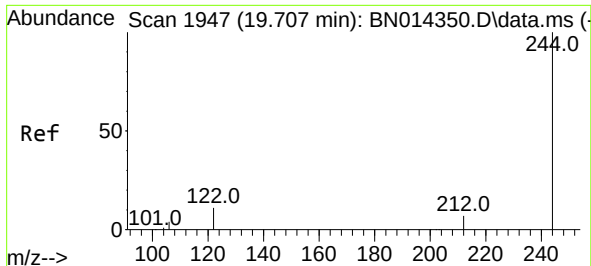
Tgt Ion:	240	Resp:	27281
Ion Ratio	Lower	Upper	
240	100		
120	10.8	10.7	16.1
236	26.5	21.5	32.3



#30
Pyrene
Concen: 0.02 ng
RT: 19.498 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion:	202	Resp:	1917
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.6	24.8
203	22.0	14.1	21.1#

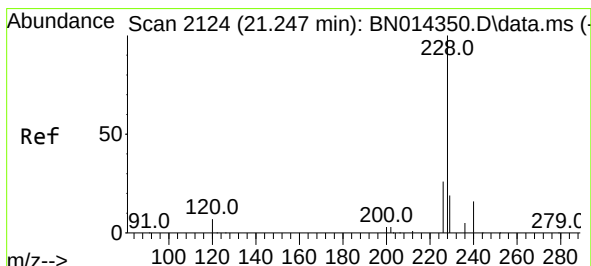
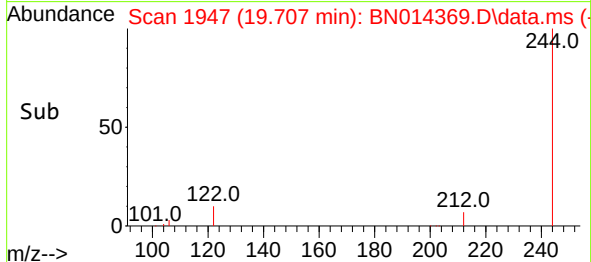
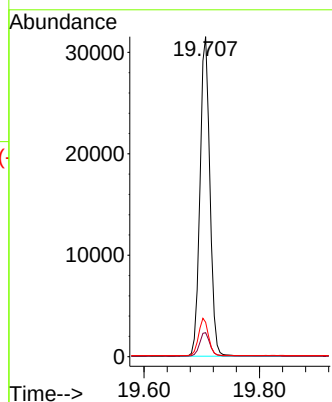
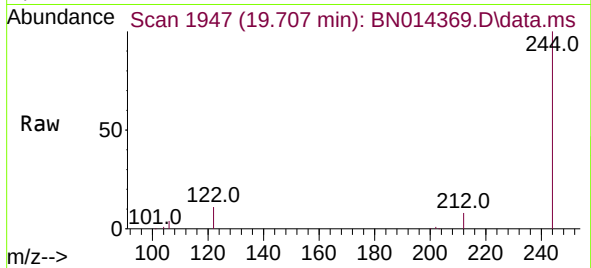




#31
Terphenyl-d14
Concen: 0.65 ng
RT: 19.707 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

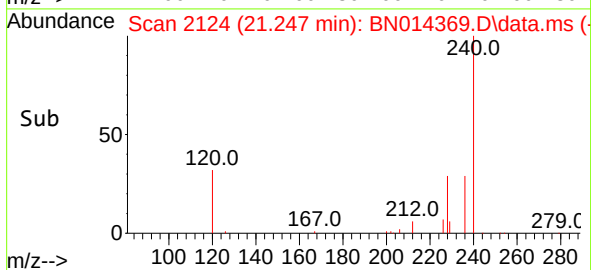
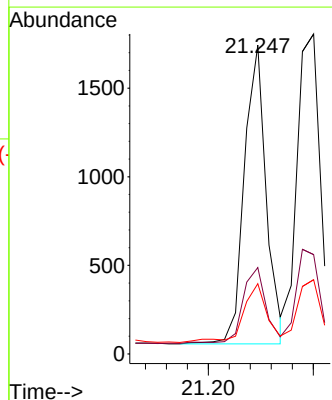
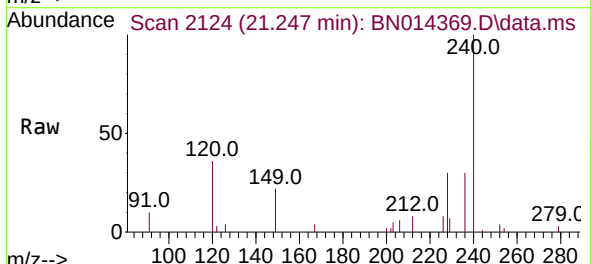
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

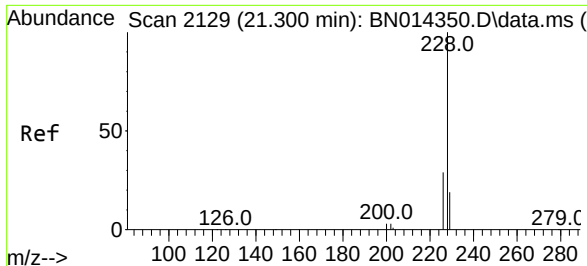
Tgt Ion:244 Resp: 37696
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 10.8 9.3 13.9



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion:228 Resp: 2447
Ion Ratio Lower Upper
228 100
226 28.0 21.3 31.9
229 22.8 15.7 23.5

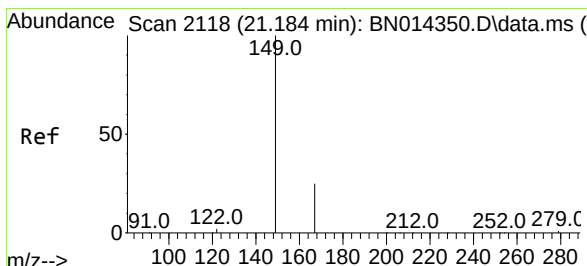
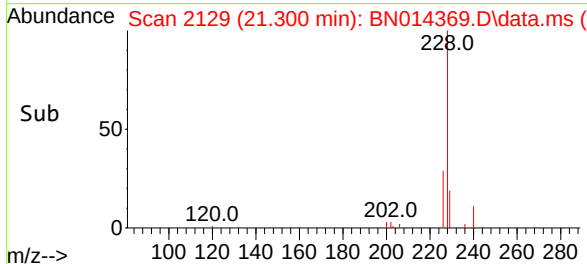
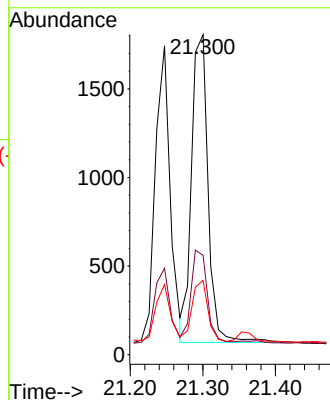
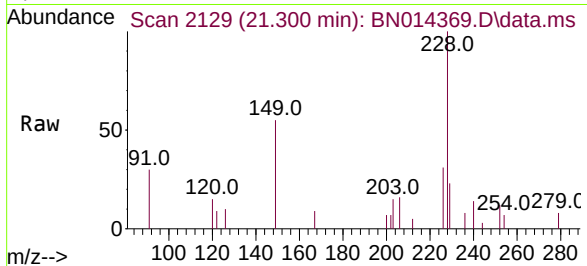




#33
Chrysene
Concen: 0.03 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

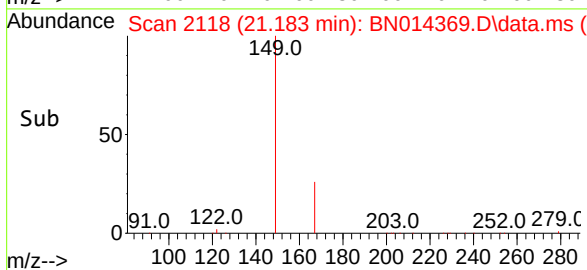
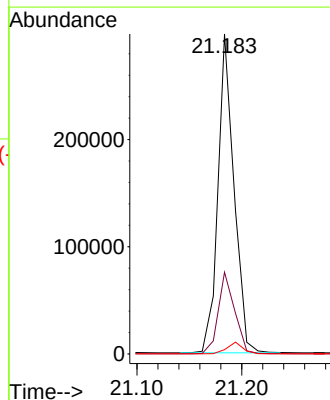
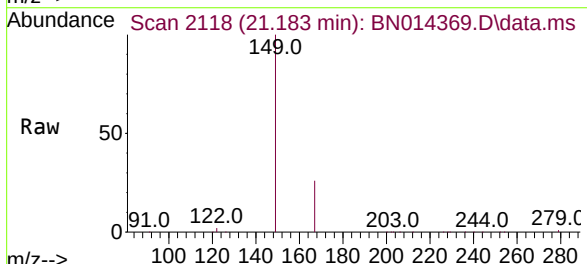
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

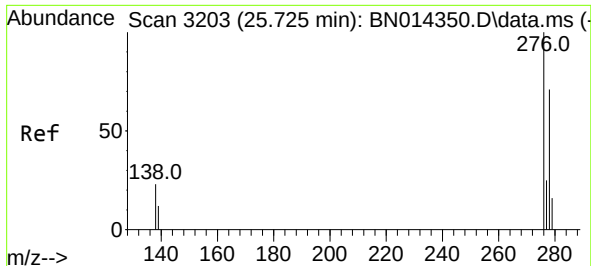
Tgt Ion:	228	Resp:	2747
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.1	34.7
229	23.2	15.7	23.5



#34
Bis(2-ethylhexyl)phthalate
Concen: 12.41 ng
RT: 21.183 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion:	149	Resp:	316592
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	3.6	3.1	4.7

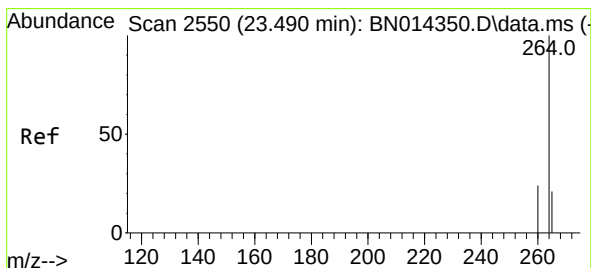
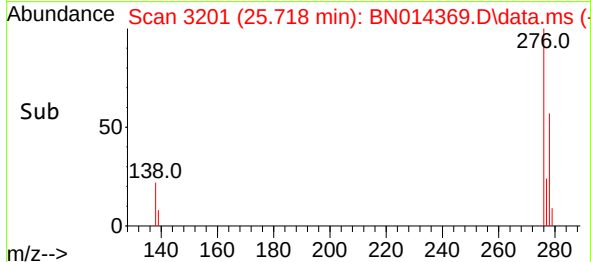
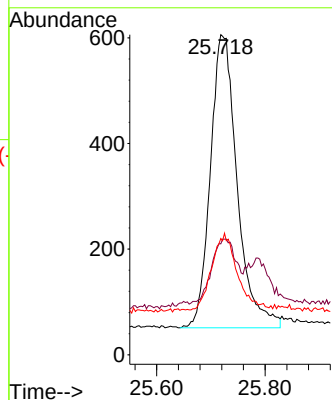
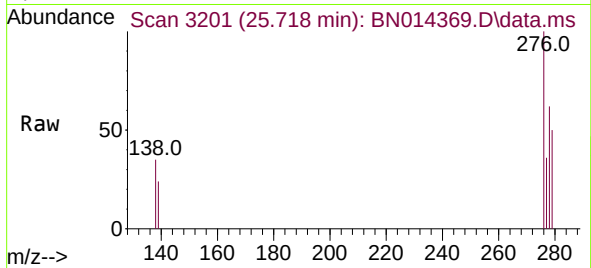




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.718 min Scan# 3201
Delta R.T. -0.007 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

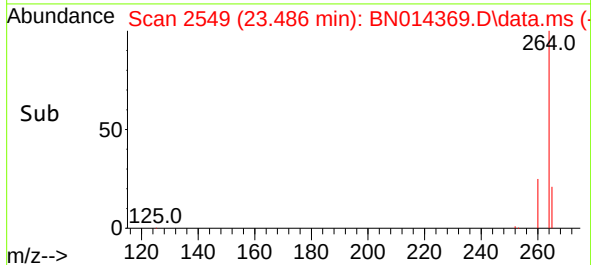
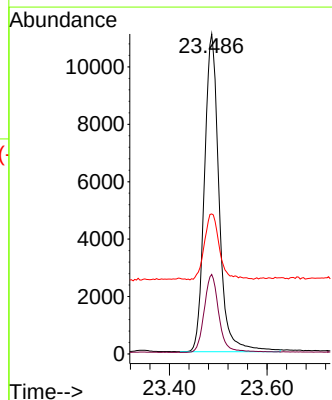
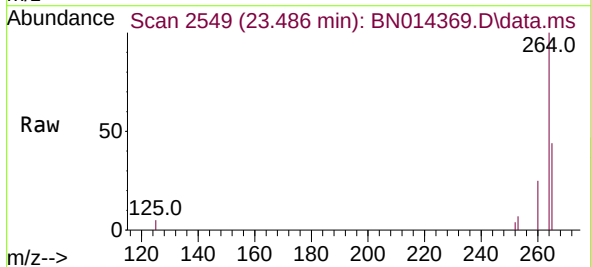
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

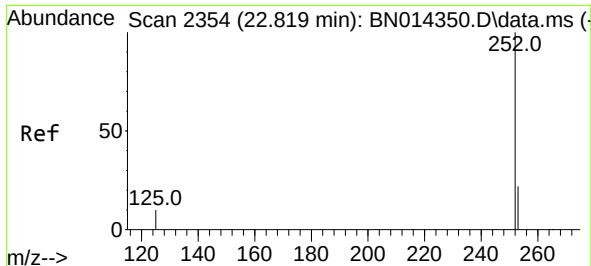
Tgt Ion:276 Resp: 1905
Ion Ratio Lower Upper
276 100
138 20.8 18.9 28.3
277 24.2 19.8 29.8



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.486 min Scan# 2549
Delta R.T. -0.004 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion:264 Resp: 23072
Ion Ratio Lower Upper
264 100
260 24.9 19.8 29.6
265 43.7 34.4 51.6

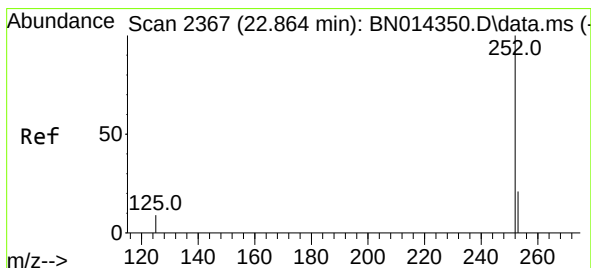
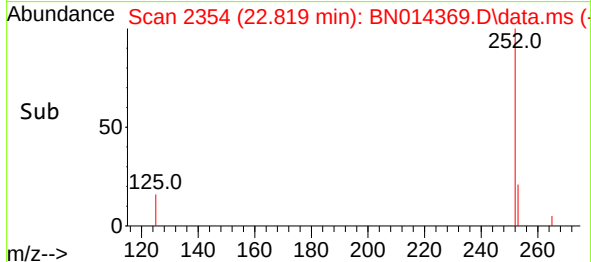
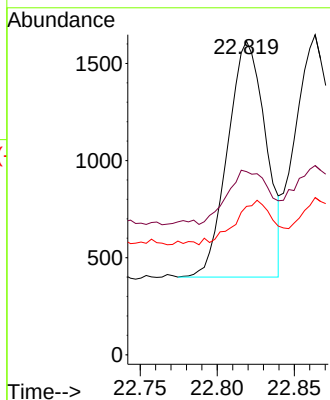
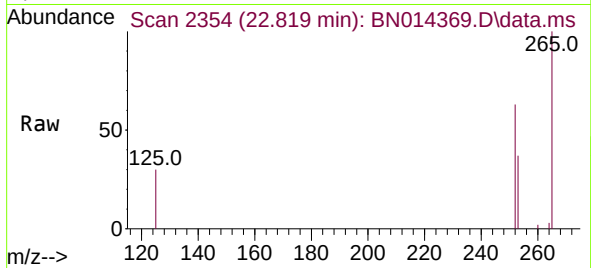




#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.819 min Scan# 2354
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

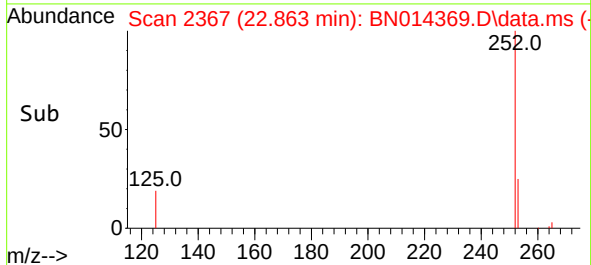
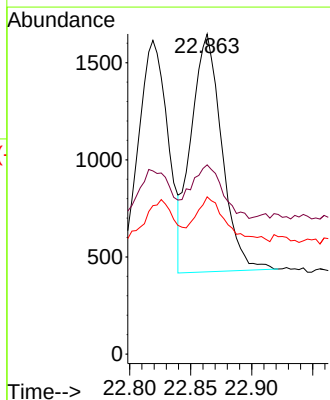
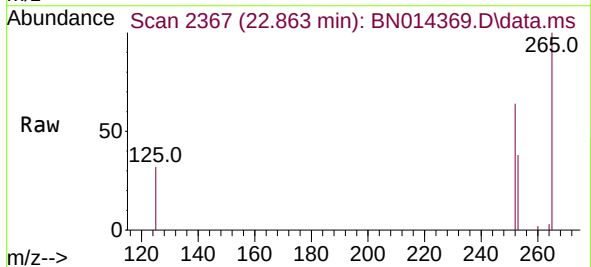
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

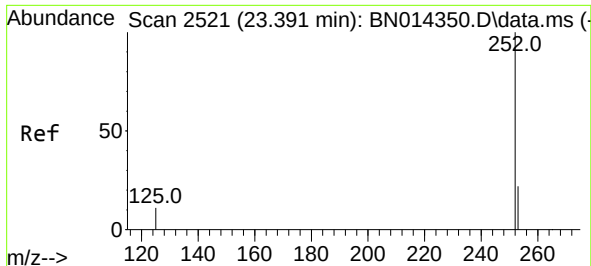
Tgt Ion:252 Resp: 2092
Ion Ratio Lower Upper
252 100
253 58.4 19.0 28.6#
125 47.3 9.7 14.5#



#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.863 min Scan# 2367
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

Tgt Ion:252 Resp: 2141
Ion Ratio Lower Upper
252 100
253 59.1 19.3 28.9#
125 49.1 9.4 14.2#





#39

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.387 min Scan# 2520

Delta R.T. -0.004 min

Lab File: BN014369.D

Acq: 22 Apr 2021 00:37

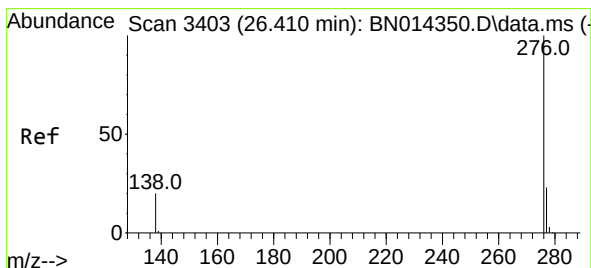
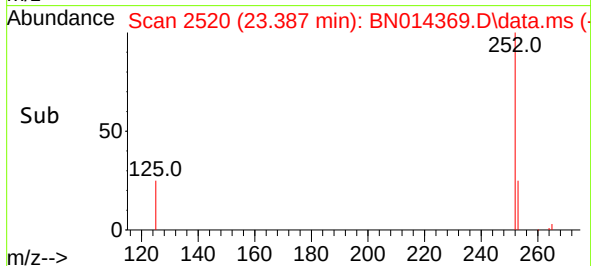
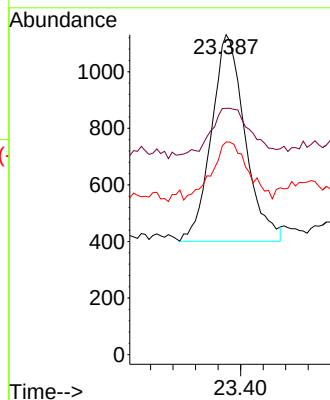
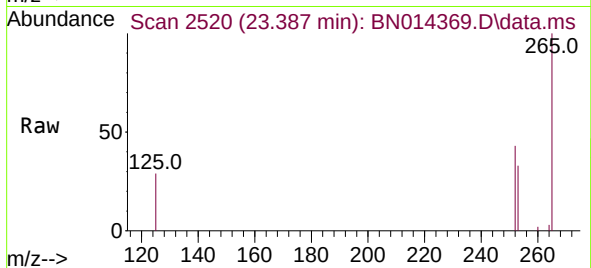
Tgt Ion:252 Resp: 1512

Ion Ratio Lower Upper

252 100

253 77.0 20.7 31.1#

125 66.5 11.8 17.6#



#41

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 26.403 min Scan# 3401

Delta R.T. -0.007 min

Lab File: BN014369.D

Acq: 22 Apr 2021 00:37

Tgt Ion:276 Resp: 1736

Ion Ratio Lower Upper

276 100

277 34.7 19.1 28.7#

138 34.2 16.7 25.1#

