

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042221\
 Data File : BN014367.D
 Acq On : 21 Apr 2021 23:26
 Operator : CG/JU
 Sample : M2122-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-58-60

Quant Time: Apr 22 01:55:16 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)

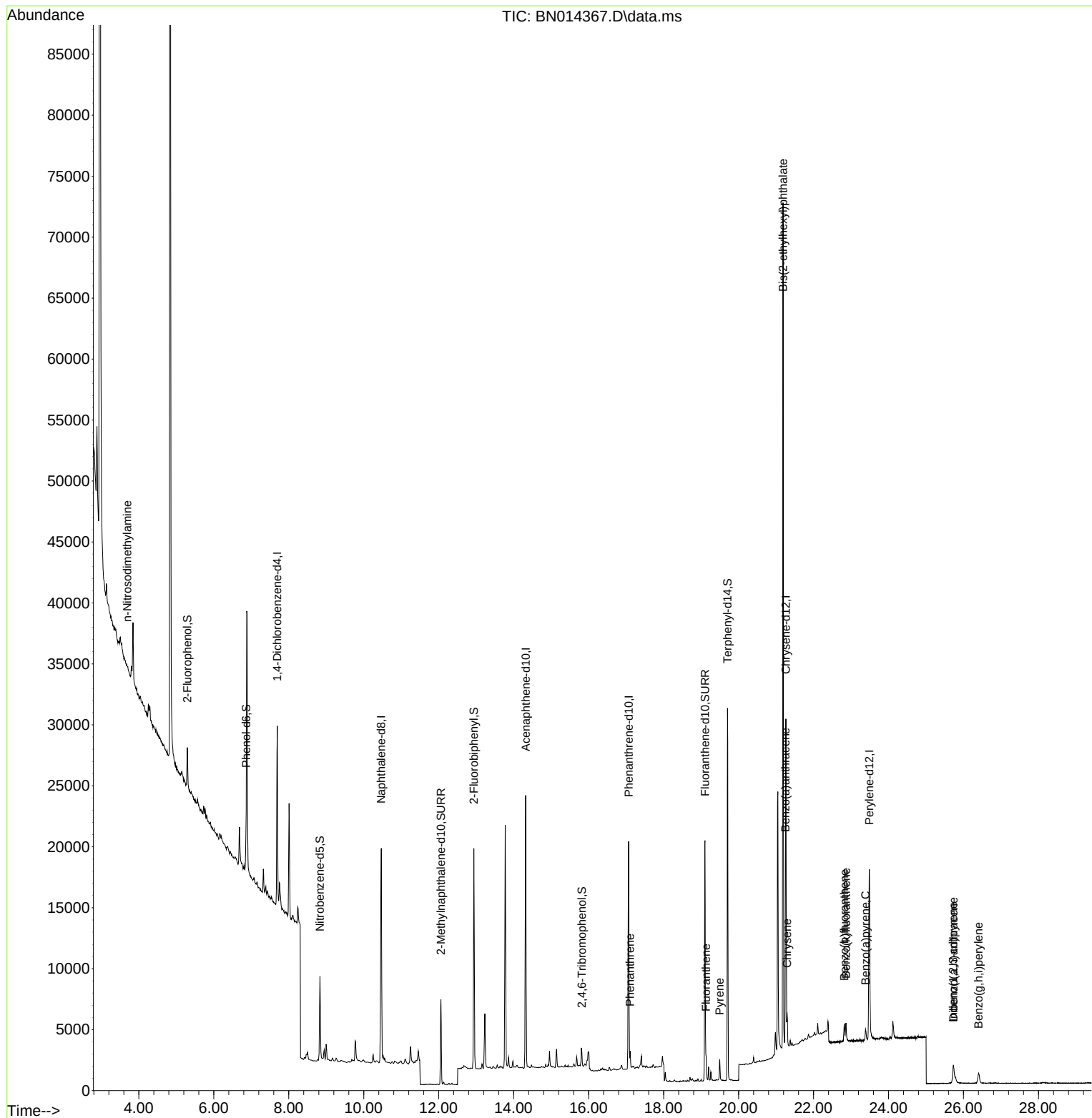
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6900	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	24363	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	12280	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	25945	0.40	ng	0.00
29) Chrysene-d12	21.261	240	23682	0.40	ng	# 0.00
36) Perylene-d12	23.486	264	19926	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	2602	0.18	ng	0.00
5) Phenol-d6	6.863	99	2411	0.14	ng	0.00
8) Nitrobenzene-d5	8.832	82	5913	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	9387	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1276	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	15058	0.31	ng	0.00
27) Fluoranthene-d10	19.104	212	22930	0.33	ng	0.00
31) Terphenyl-d14	19.705	244	30613	0.61	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.690	42	59	0.15	ng	# 1
25) Phenanthrene	17.104	178	1531	0.02	ng	# 95
28) Fluoranthene	19.134	202	1739	0.02	ng	# 93
30) Pyrene	19.496	202	1662	0.02	ng	# 98
32) Benzo(a)anthracene	21.250	228	1950	0.03	ng	# 93
33) Chrysene	21.292	228	2224	0.03	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.186	149	57101	2.58	ng	# 99
35) Indeno(1,2,3-cd)pyrene	25.724	276	1800	0.02	ng	# 98
37) Benzo(b)fluoranthene	22.818	252	1821	0.02	ng	# 23
38) Benzo(k)fluoranthene	22.863	252	1694	0.02	ng	# 19
39) Benzo(a)pyrene	23.386	252	1313	0.02	ng	# 1
40) Dibenzo(a,h)anthracene	25.735	278	1605	0.02	ng	# 42
41) Benzo(g,h,i)perylene	26.402	276	1807	0.02	ng	# 76

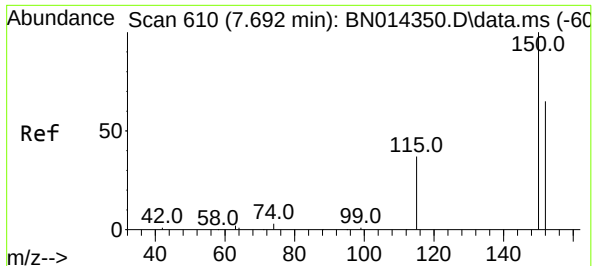
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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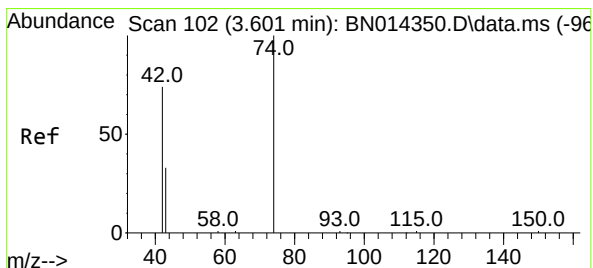
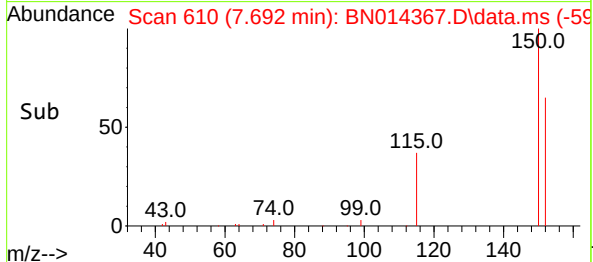
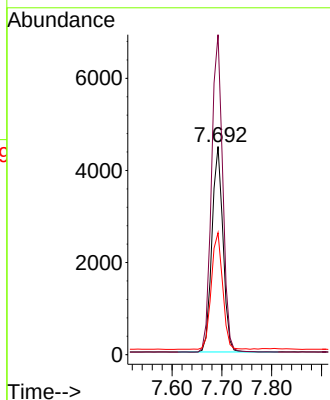
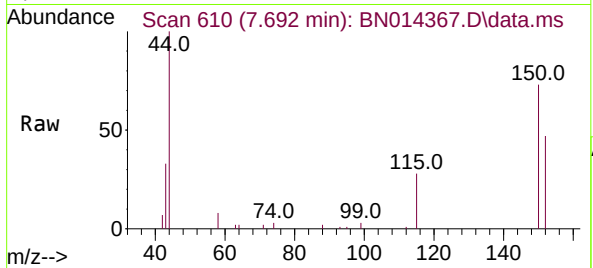




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

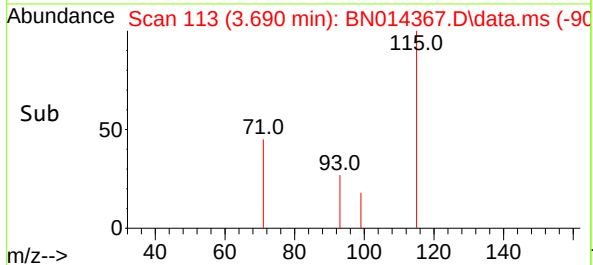
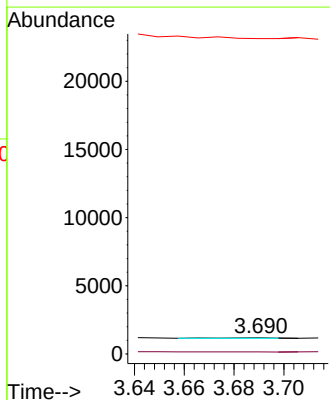
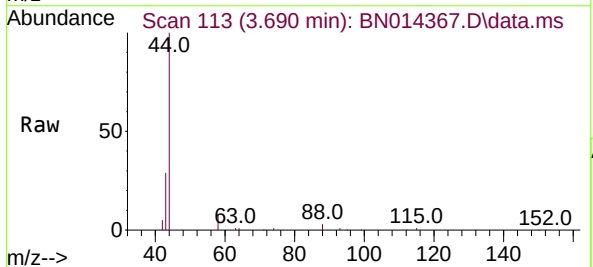
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

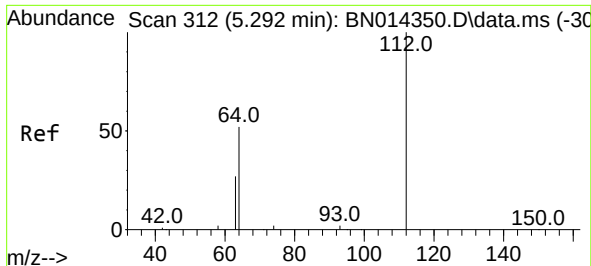
Tgt Ion:152 Resp: 6900
Ion Ratio Lower Upper
152 100
150 153.7 123.4 185.2
115 58.5 47.5 71.3



#3
n-Nitrosodimethylamine
Concen: 0.15 ng
RT: 3.690 min Scan# 113
Delta R.T. 0.089 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Tgt Ion: 42 Resp: 59
Ion Ratio Lower Upper
42 100
74 0.0 108.0 162.0#
44 0.0 0.0 0.0

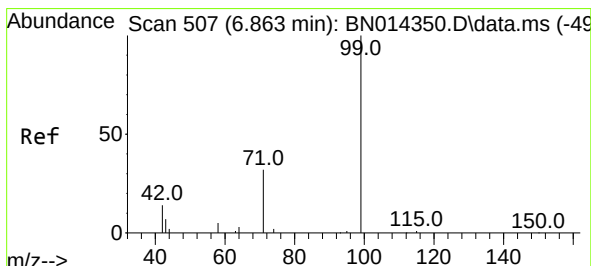
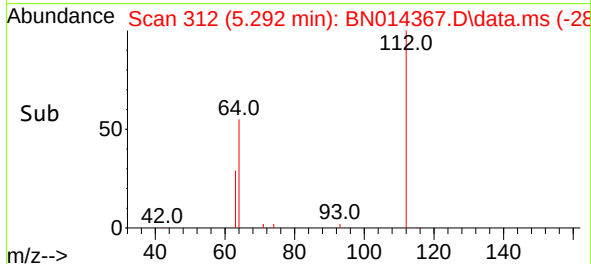
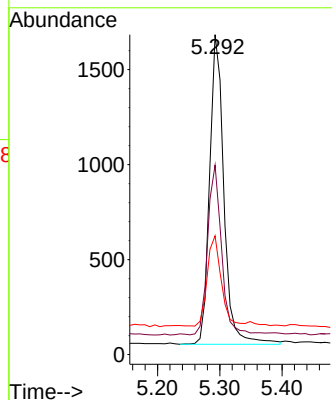
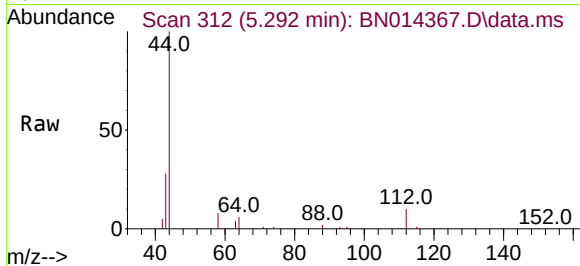




#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

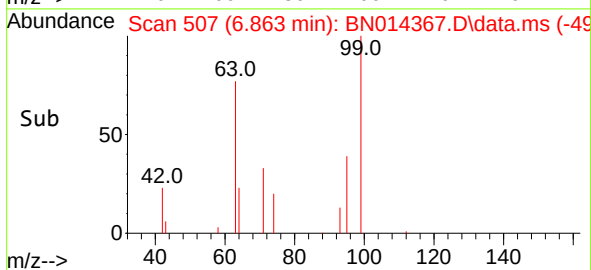
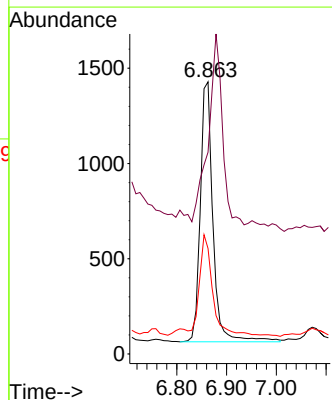
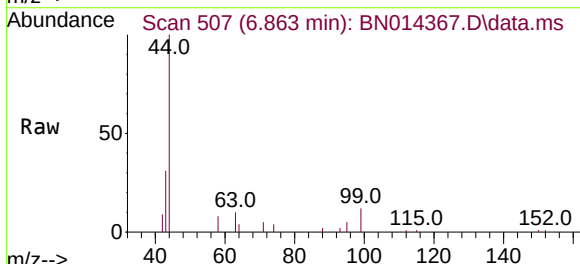
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

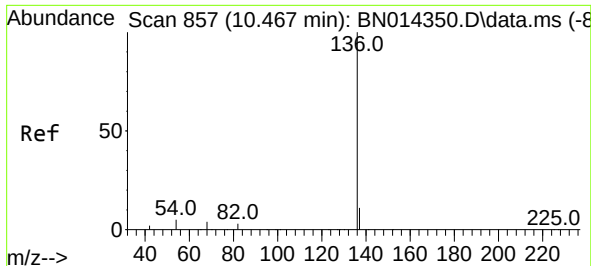
Tgt Ion:	112	Resp:	2602
Ion	Ratio	Lower	Upper
112	100		
64	53.5	43.0	64.6
63	28.4	23.4	35.0



#5
Phenol-d6
Concen: 0.14 ng
RT: 6.863 min Scan# 507
Delta R.T. -0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Tgt Ion:	99	Resp:	2411
Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	42.0	27.8	41.8#

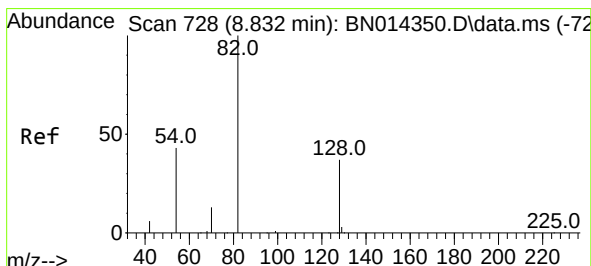
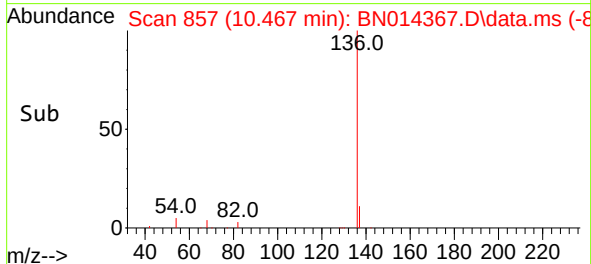
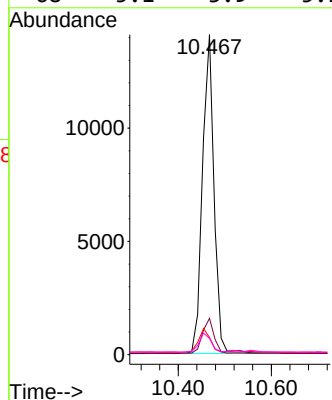
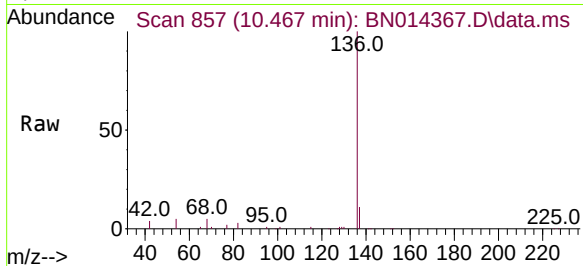




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

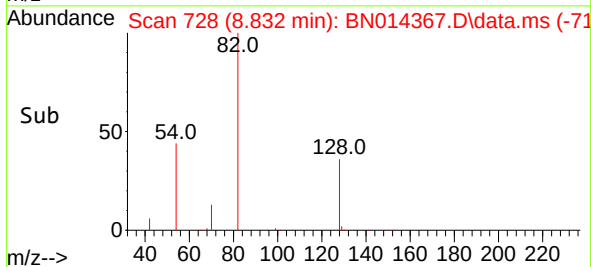
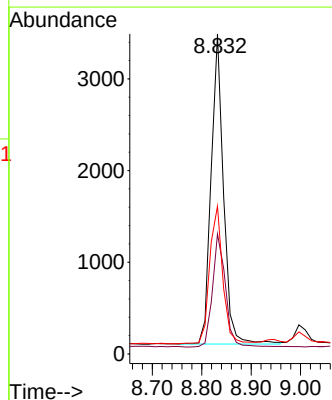
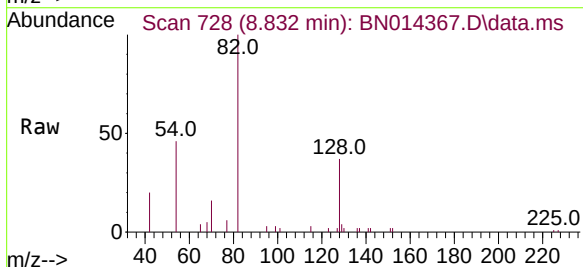
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

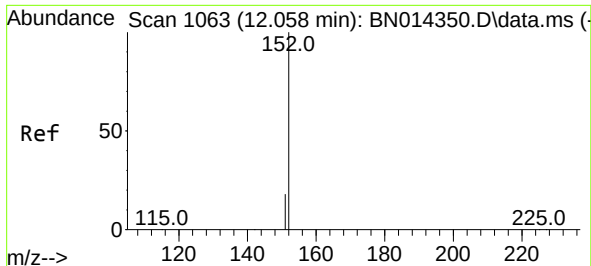
Tgt Ion:	136	Resp:	24363
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	5.4	4.4	6.6
68	5.1	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Tgt Ion:	82	Resp:	5913
Ion Ratio	Lower	Upper	
82	100		
128	37.5	30.3	45.5
54	46.2	35.8	53.8

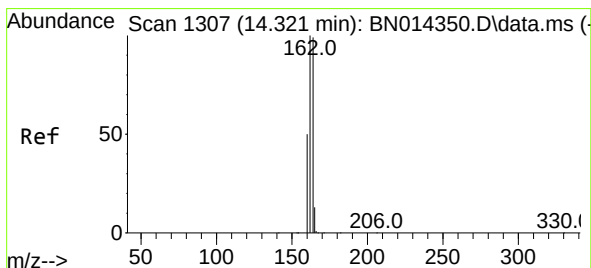
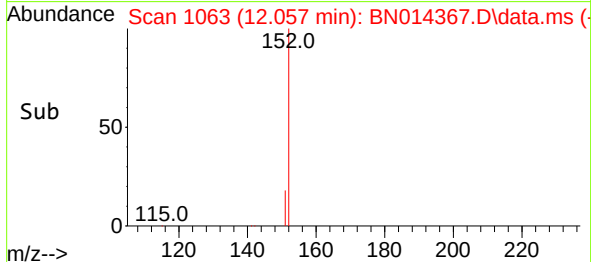
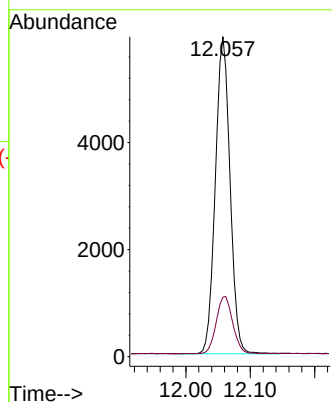
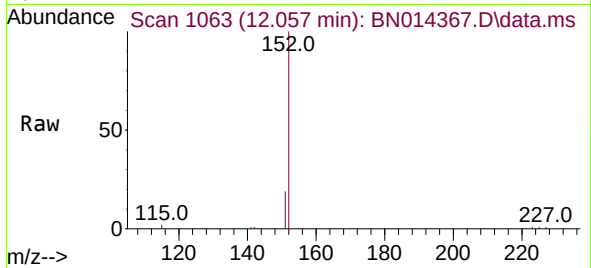




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

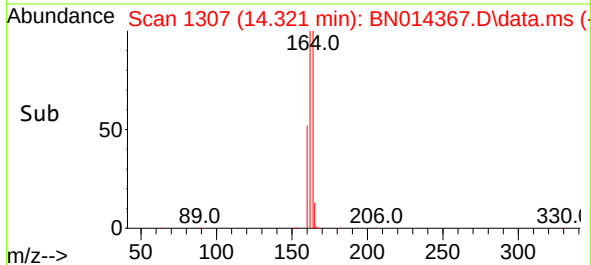
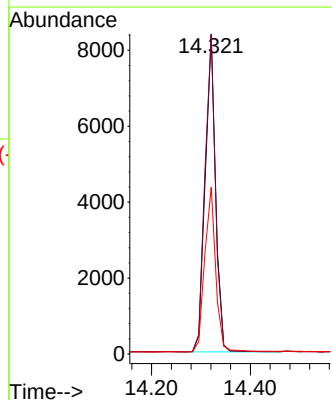
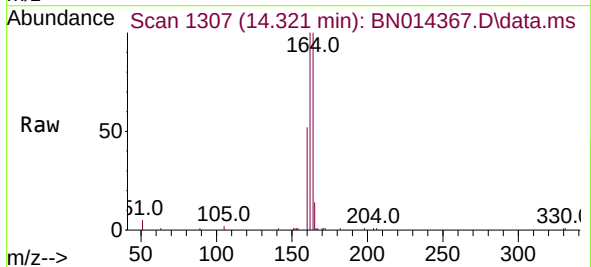
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

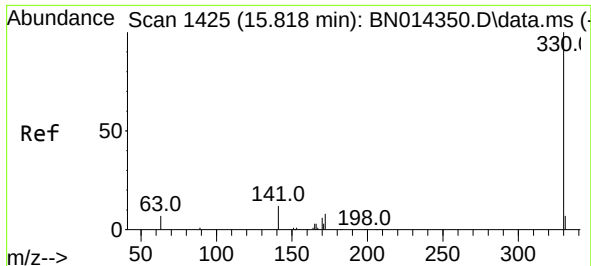
Tgt Ion:152 Resp: 9387
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Tgt Ion:164 Resp: 12280
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.6
160 52.2 40.7 61.1

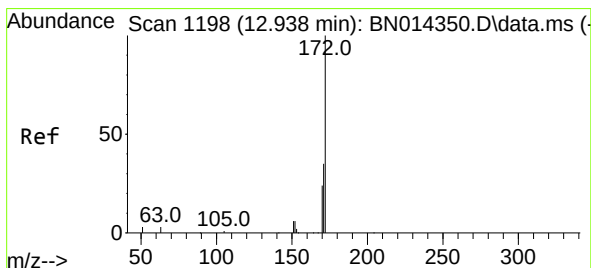
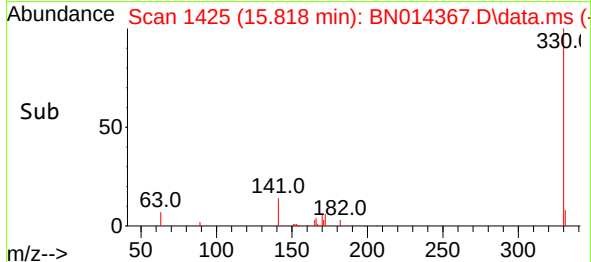
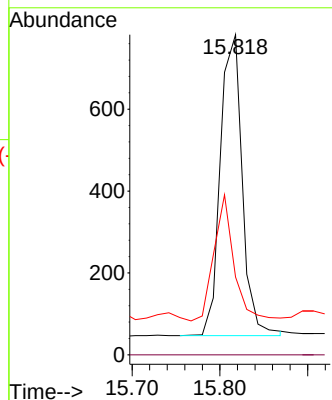
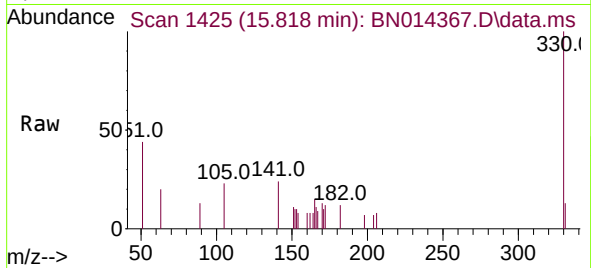




#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

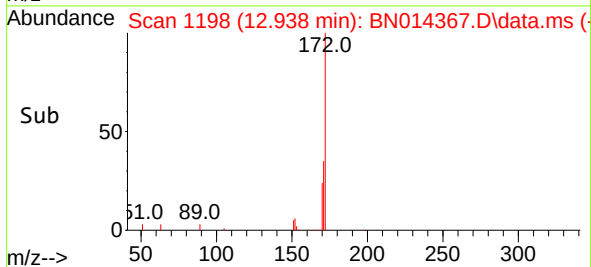
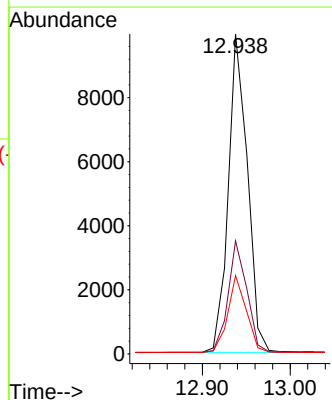
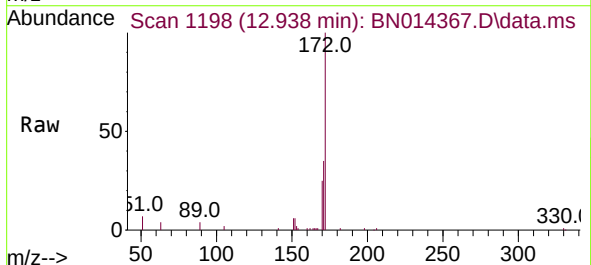
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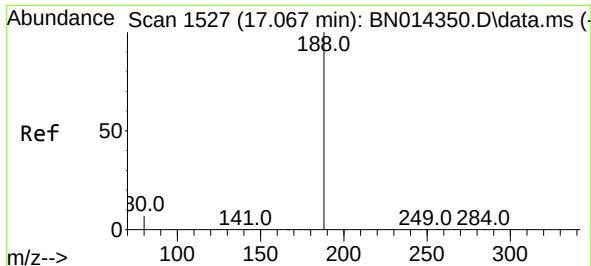
Tgt Ion: 330 Resp: 1276
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.5 26.2 39.2



#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Tgt Ion: 172 Resp: 15058
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.5 19.6 29.4

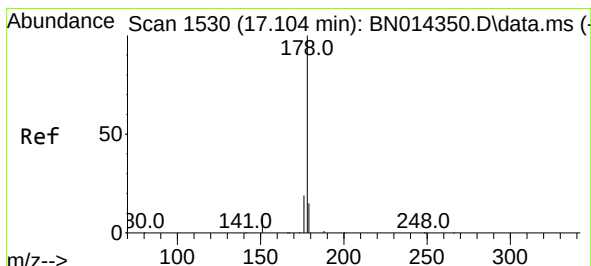
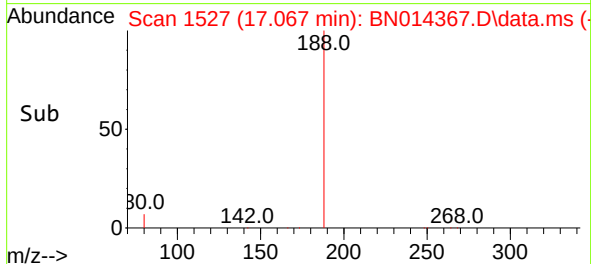
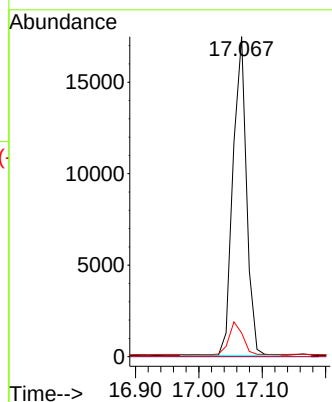
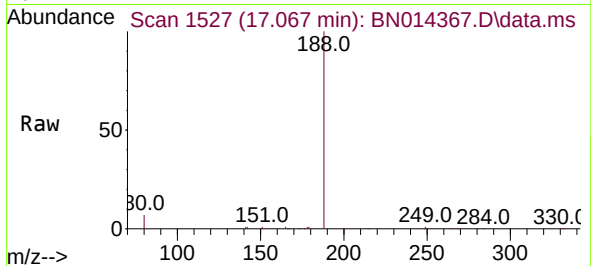




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

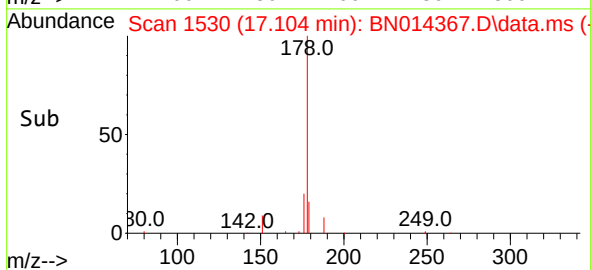
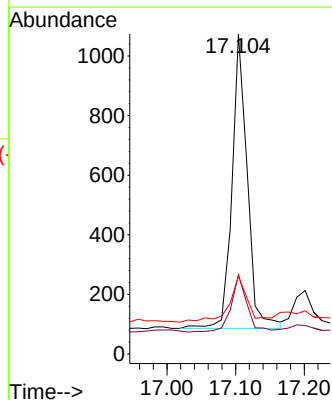
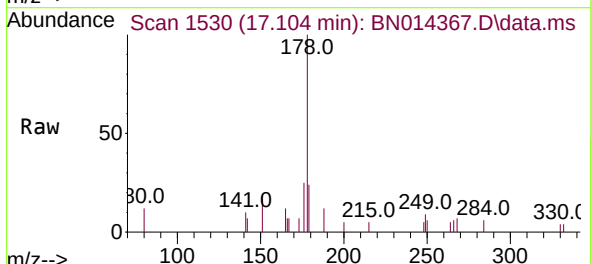
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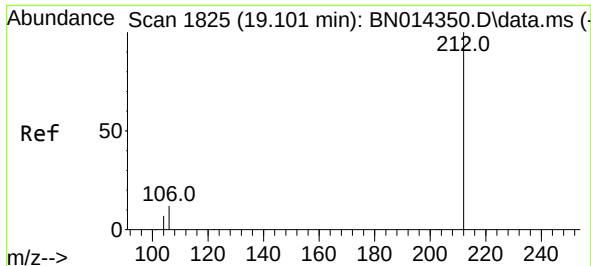
Tgt Ion:188	Resp:	25945
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.4	9.4



#25
Phenanthrene
Concen: 0.02 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Tgt Ion:178	Resp:	1531
Ion Ratio	Lower	Upper
178	100	
176	19.9	15.2
179	19.0	12.2

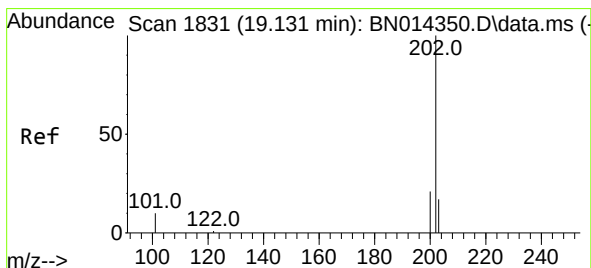
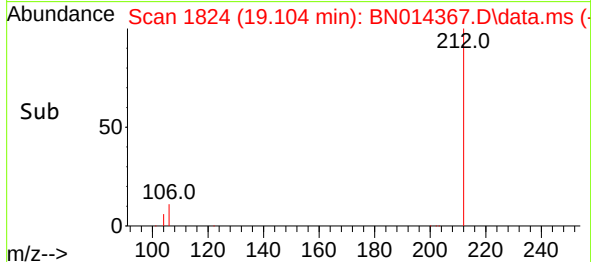
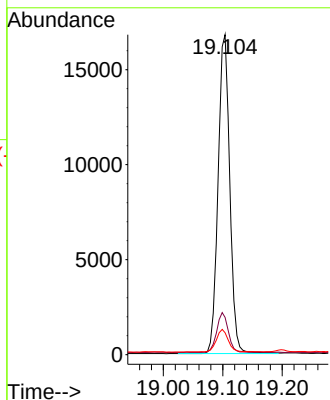
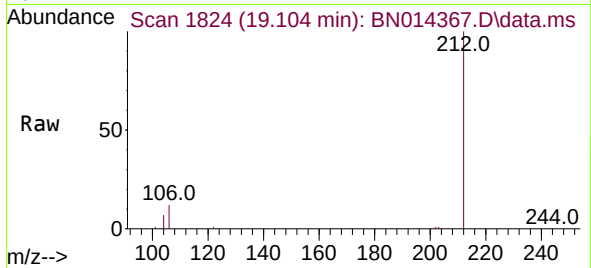




#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.104 min Scan# 1824
Delta R.T. 0.003 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

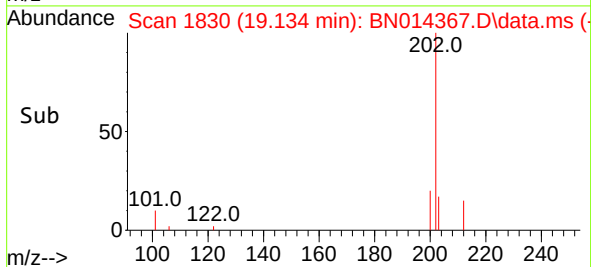
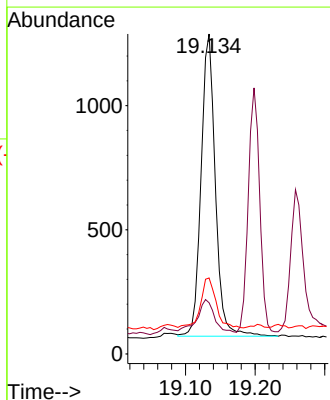
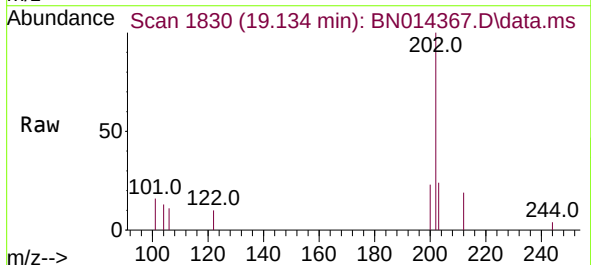
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

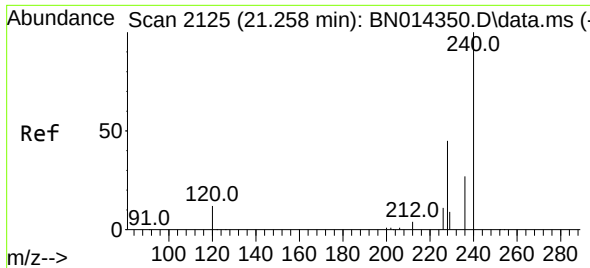
Tgt Ion:212 Resp: 22930
Ion Ratio Lower Upper
212 100
106 12.2 9.7 14.5
104 7.6 5.4 8.0



#28
Fluoranthene
Concen: 0.02 ng
RT: 19.134 min Scan# 1830
Delta R.T. 0.003 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Tgt Ion:202 Resp: 1739
Ion Ratio Lower Upper
202 100
101 13.6 8.2 12.4#
203 19.5 13.8 20.6

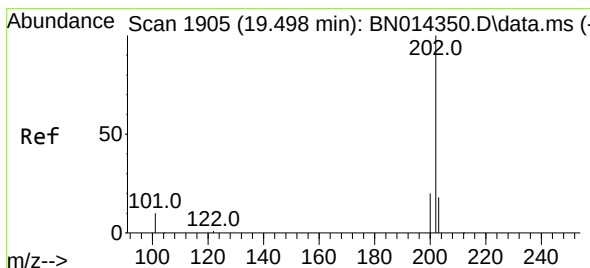
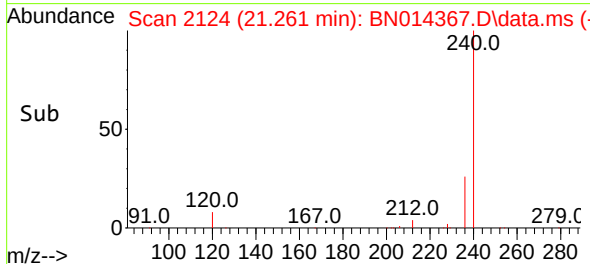
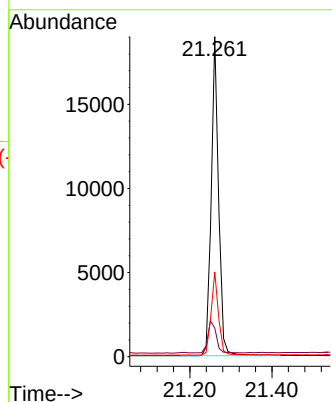
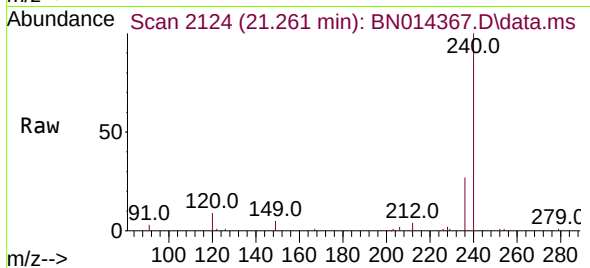




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

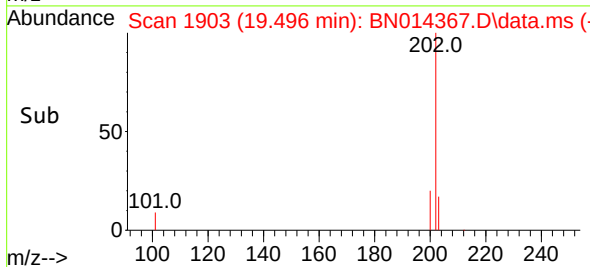
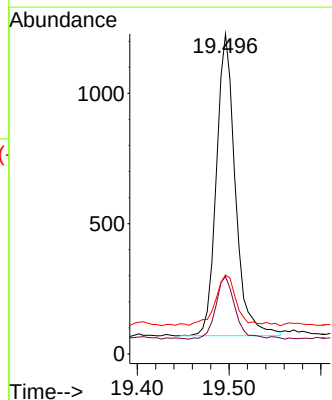
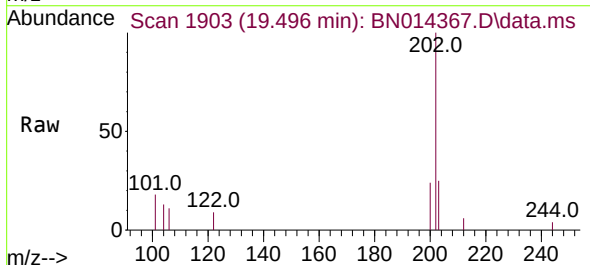
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

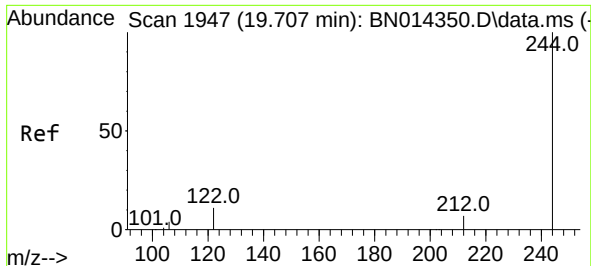
Tgt Ion:240 Resp: 23682
Ion Ratio Lower Upper
240 100
120 8.9 10.7 16.1#
236 26.5 21.5 32.3



#30
Pyrene
Concen: 0.02 ng
RT: 19.496 min Scan# 1903
Delta R.T. -0.002 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

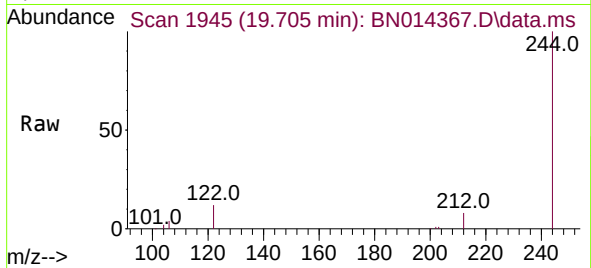
Tgt Ion:202 Resp: 1662
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 19.4 14.1 21.1



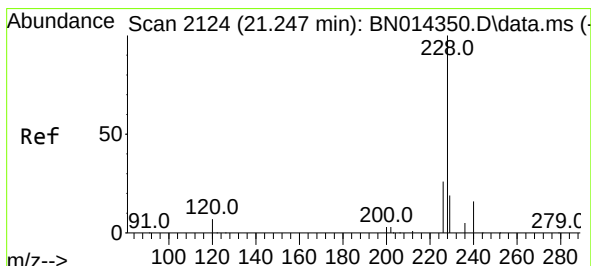
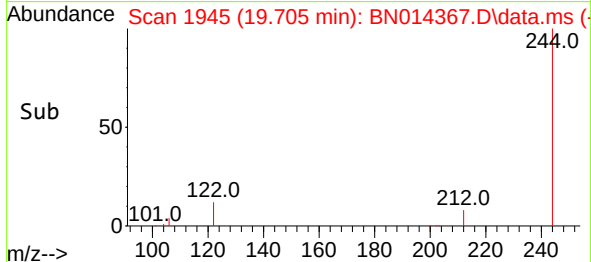
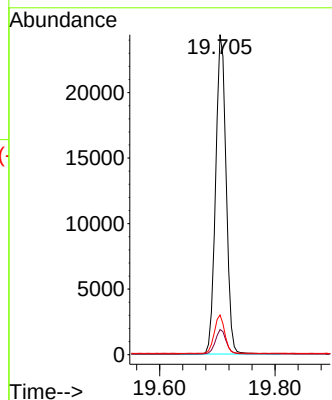


#31
Terphenyl-d14
Concen: 0.61 ng
RT: 19.705 min Scan# 1945
Delta R.T. -0.002 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

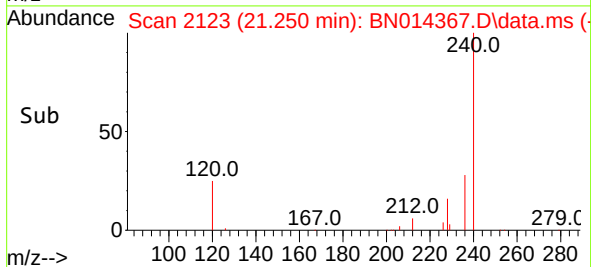
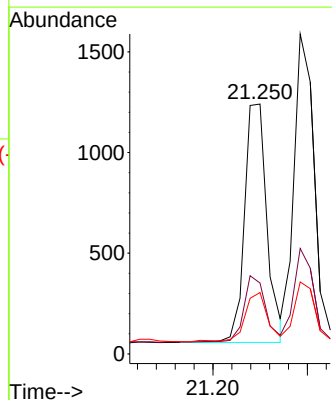
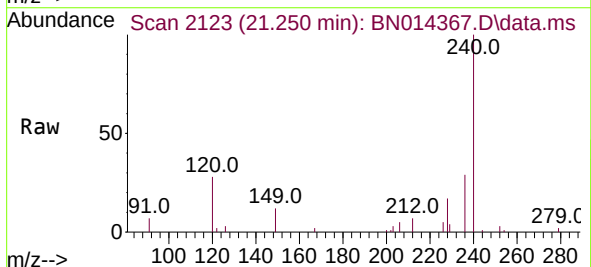


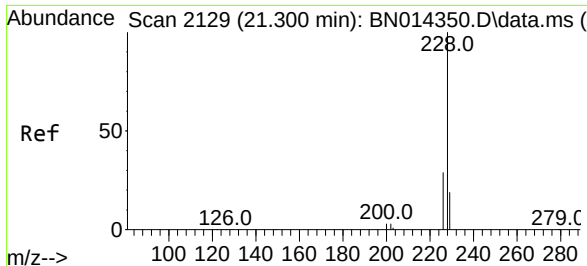
Tgt Ion:244 Resp: 30613
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 12.4 9.3 13.9



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Tgt Ion:228 Resp: 1950
Ion Ratio Lower Upper
228 100
226 28.4 21.3 31.9
229 24.6 15.7 23.5#

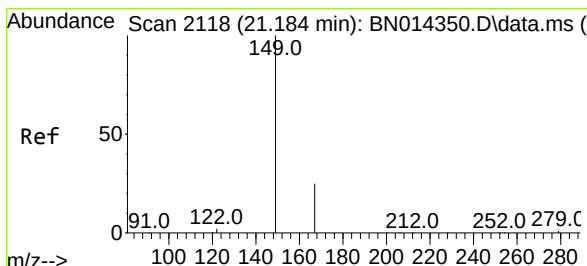
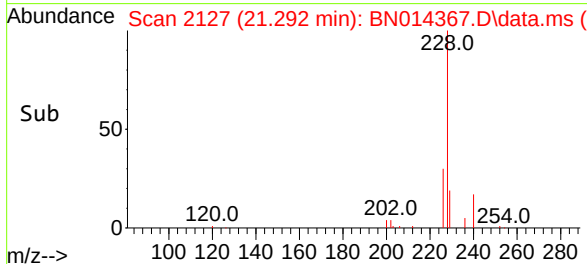
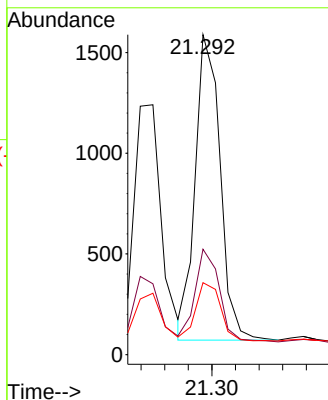
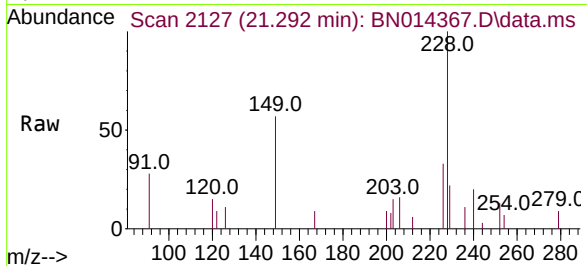




#33
Chrysene
Concen: 0.03 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

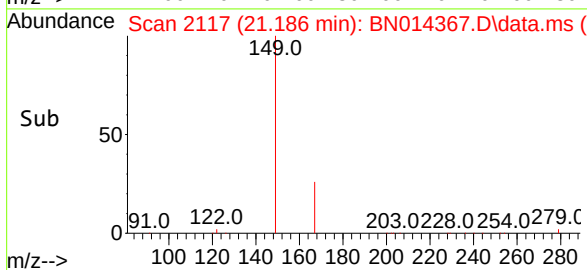
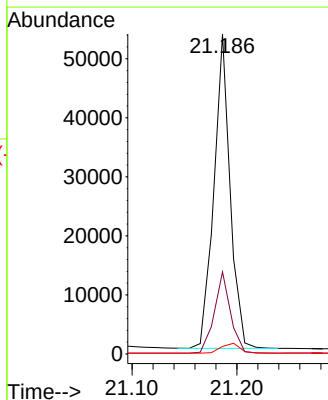
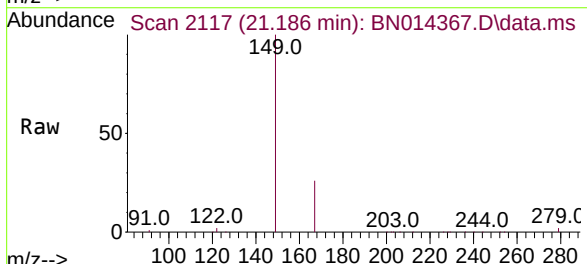
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

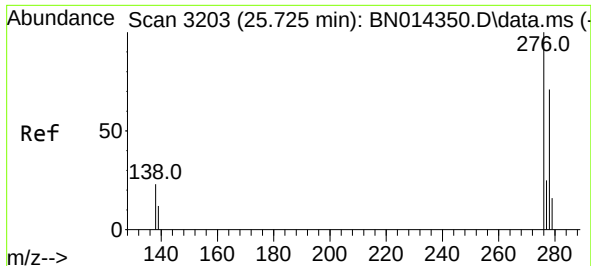
Tgt Ion:	228	Resp:	2224
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.1	34.7
229	22.5	15.7	23.5



#34
Bis(2-ethylhexyl)phthalate
Concen: 2.58 ng
RT: 21.186 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Tgt Ion:	149	Resp:	57101
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.3	31.9
279	3.7	3.1	4.7

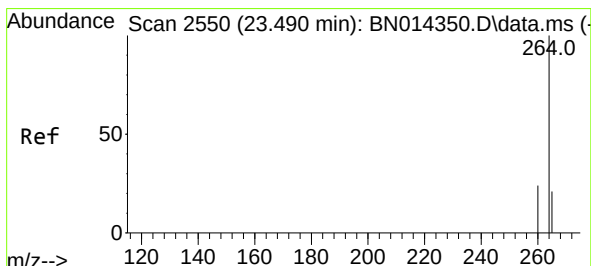
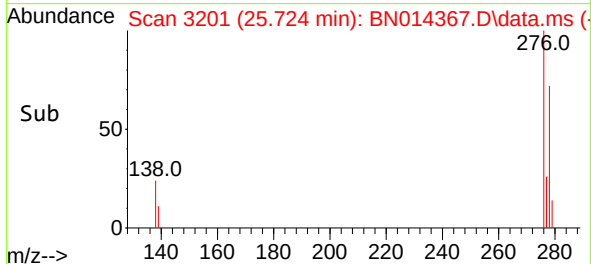
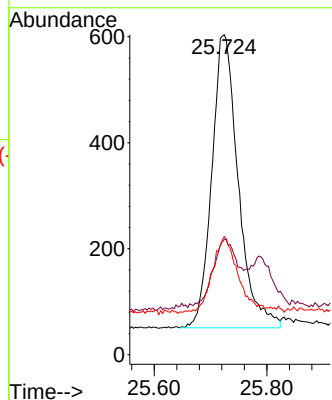
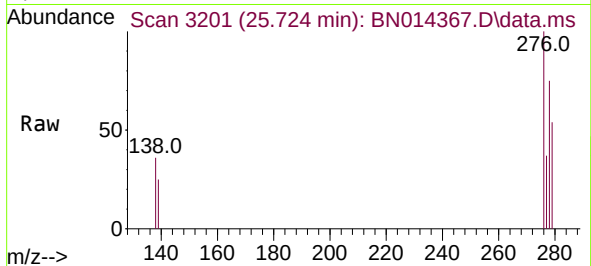




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.724 min Scan# 3201
Delta R.T. -0.001 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

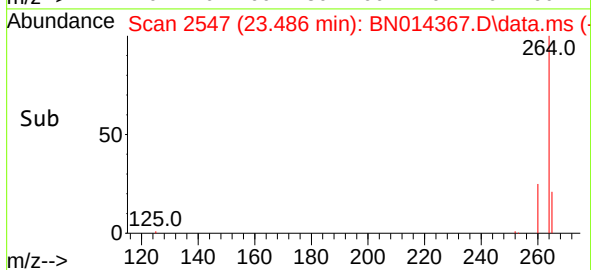
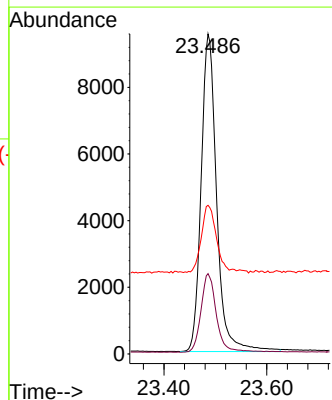
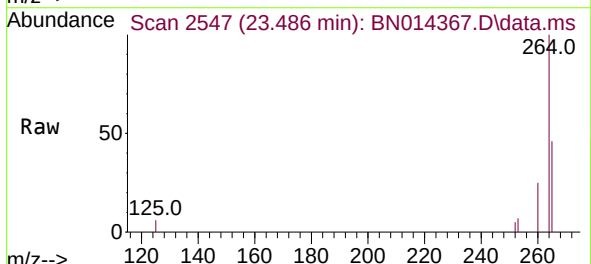
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

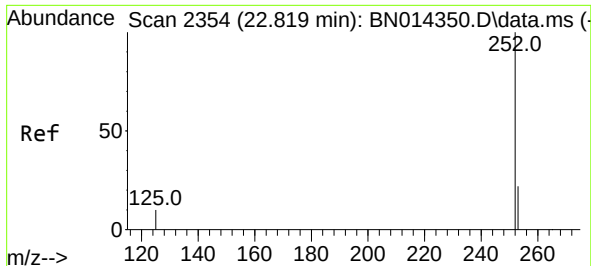
Tgt Ion:276 Resp: 1800
Ion Ratio Lower Upper
276 100
138 21.9 18.9 28.3
277 25.3 19.8 29.8



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.486 min Scan# 2547
Delta R.T. -0.004 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Tgt Ion:264 Resp: 19926
Ion Ratio Lower Upper
264 100
260 25.1 19.8 29.6
265 46.5 34.4 51.6

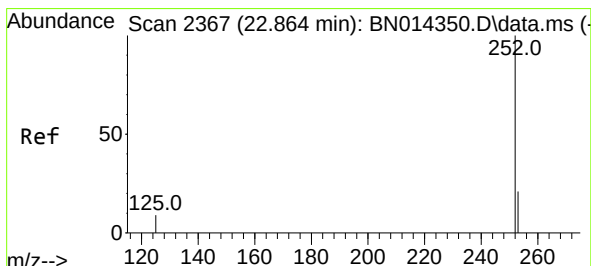
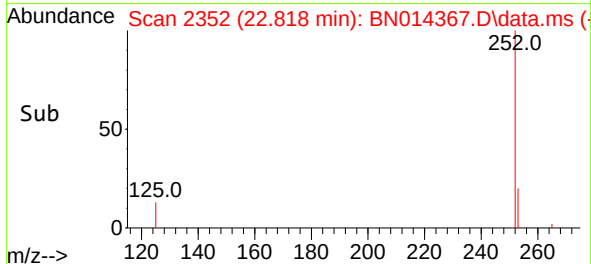
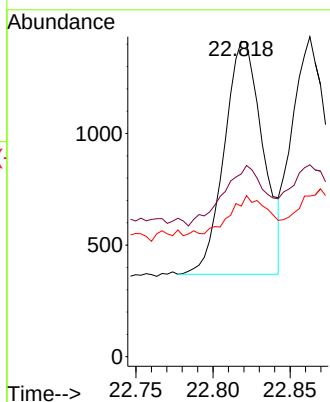
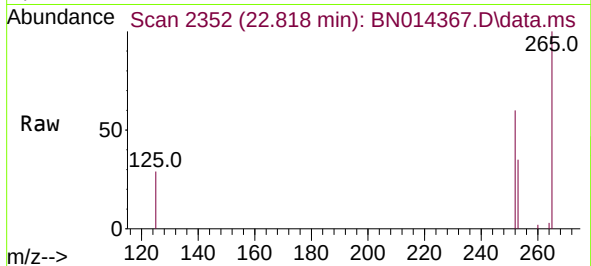




#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.818 min Scan# 2352
Delta R.T. -0.001 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

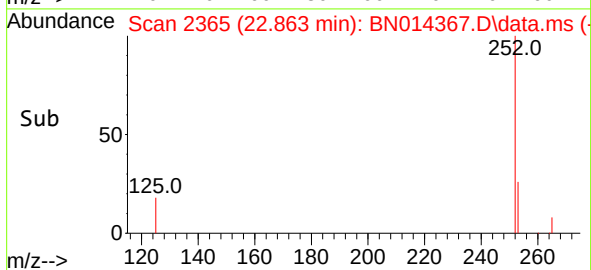
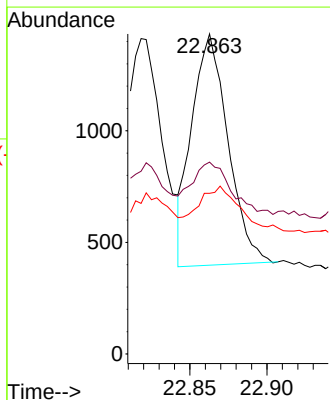
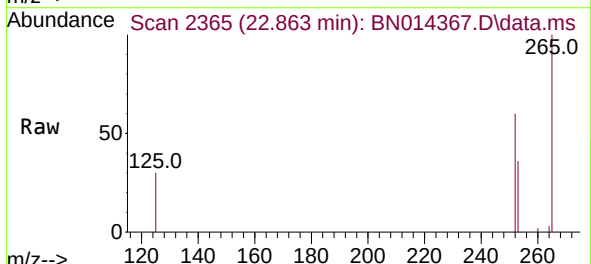
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

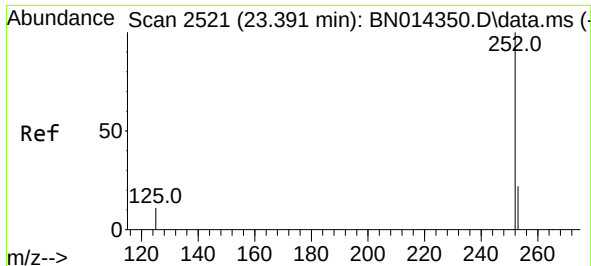
Tgt Ion:252 Resp: 1821
Ion Ratio Lower Upper
252 100
253 58.0 19.0 28.6#
125 47.8 9.7 14.5#



#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.863 min Scan# 2365
Delta R.T. -0.001 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

Tgt Ion:252 Resp: 1694
Ion Ratio Lower Upper
252 100
253 60.0 19.3 28.9#
125 50.2 9.4 14.2#





#39

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.386 min Scan# 2518

Delta R.T. -0.004 min

Lab File: BN014367.D

Acq: 21 Apr 2021 23:26

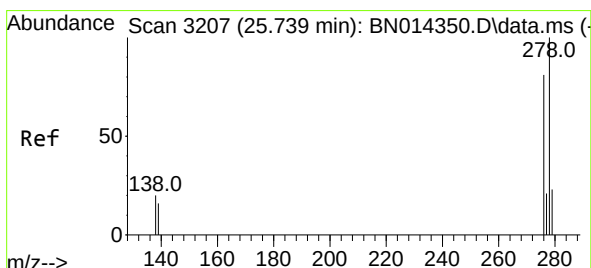
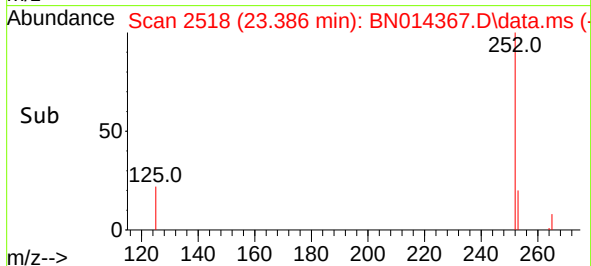
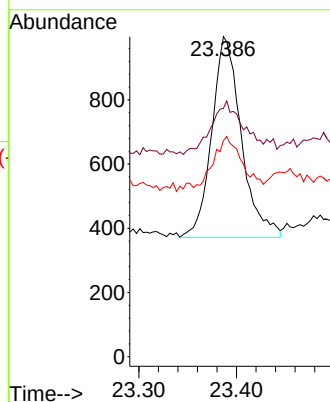
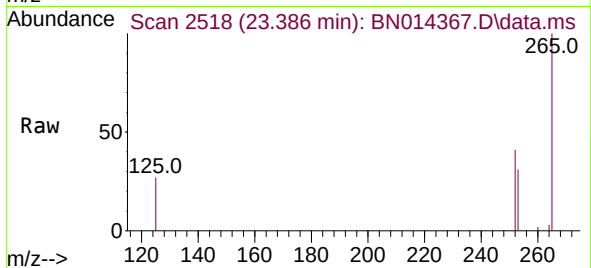
Tgt Ion:	252	Resp:	1313
Ion Ratio	Lower	Upper	
252	100		
253	77.5	20.7	31.1#
125	67.5	11.8	17.6#

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW8-GW-58-60



#40

Dibenzo(a,h)anthracene

Concen: 0.02 ng

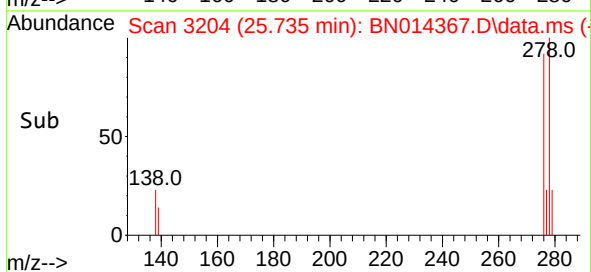
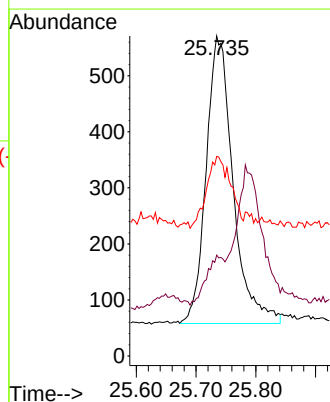
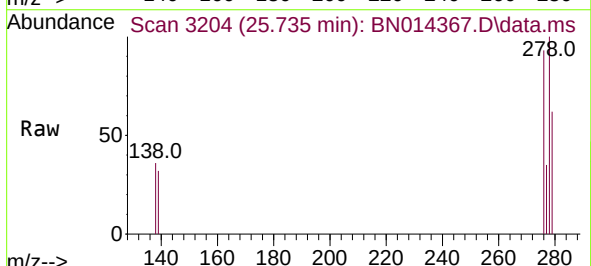
RT: 25.735 min Scan# 3204

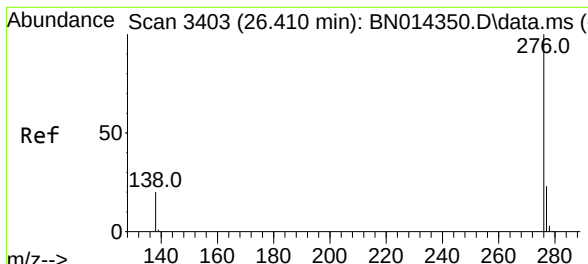
Delta R.T. -0.004 min

Lab File: BN014367.D

Acq: 21 Apr 2021 23:26

Tgt Ion:	278	Resp:	1605
Ion Ratio	Lower	Upper	
278	100		
139	31.5	13.3	19.9#
279	62.3	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: BN014367.D
 Acq: 21 Apr 2021 23:26

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-58-60

Tgt Ion:	276	Resp:	1807
Ion Ratio	Lower	Upper	
276	100		
277	34.9	19.1	28.7#
138	32.7	16.7	25.1#

