

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)

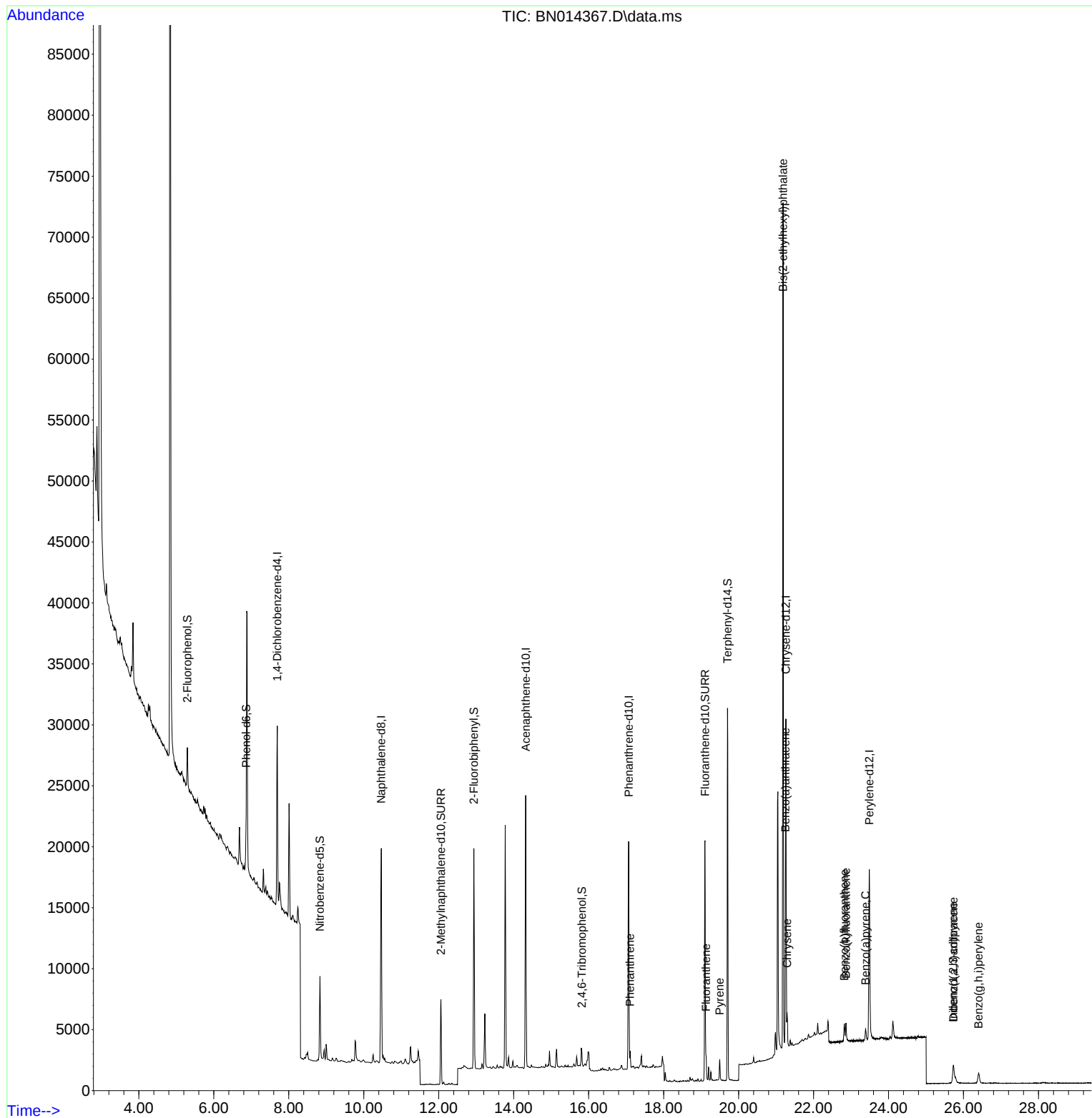
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6900	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	24363	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	12280	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	25945	0.40	ng	0.00
29) Chrysene-d12	21.261	240	23682	0.40	ng	# 0.00
36) Perylene-d12	23.486	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						
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

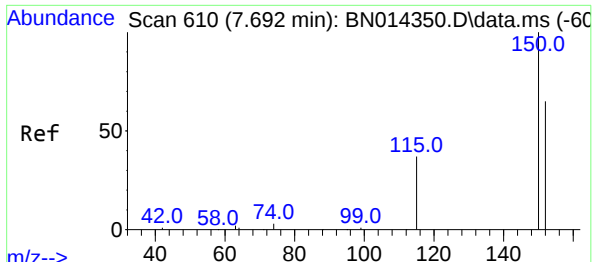
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



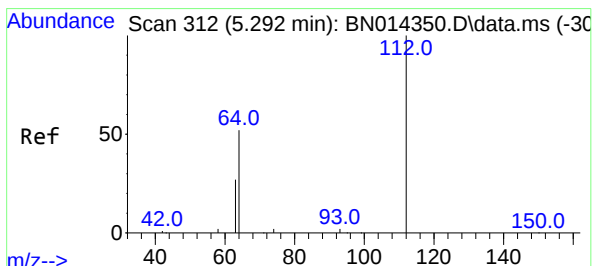
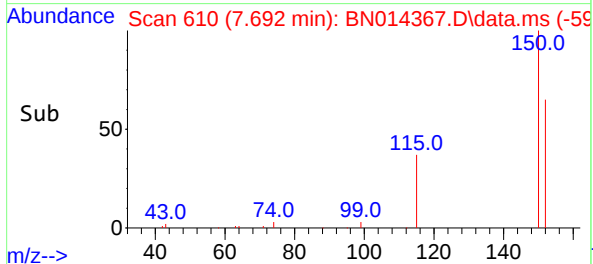
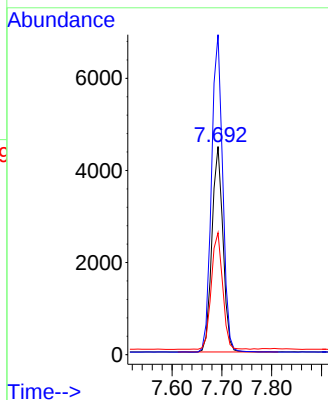
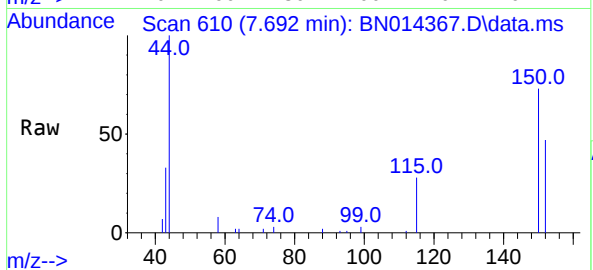


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: BN014367.D
 Acq: 21 Apr 2021 23:26

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

Tgt Ion:152 Resp: 6900

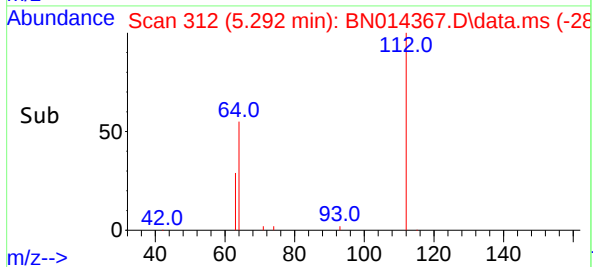
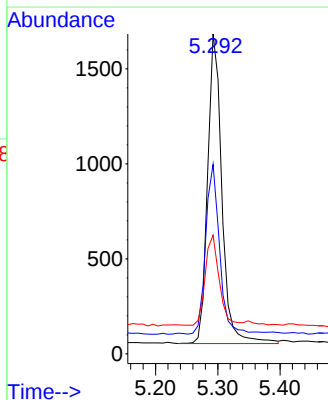
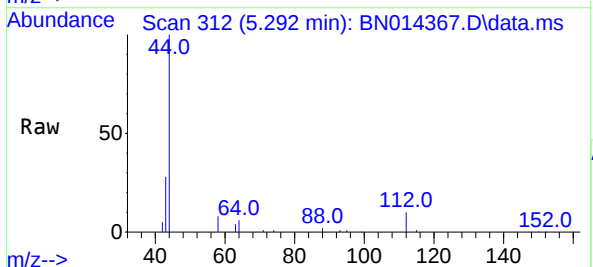
Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.4	185.2
115	58.5	47.5	71.3

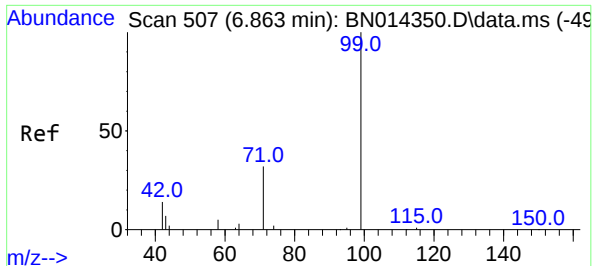


#4
 2-Fluorophenol
 Concen: 0.18 ng
 RT: 5.292 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: BN014367.D
 Acq: 21 Apr 2021 23:26

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

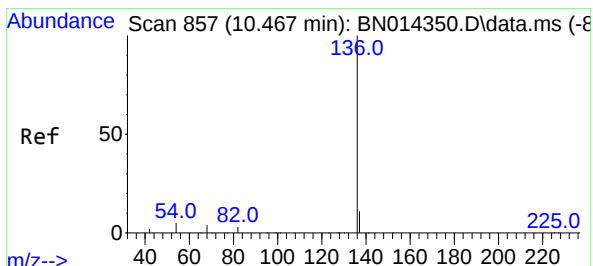
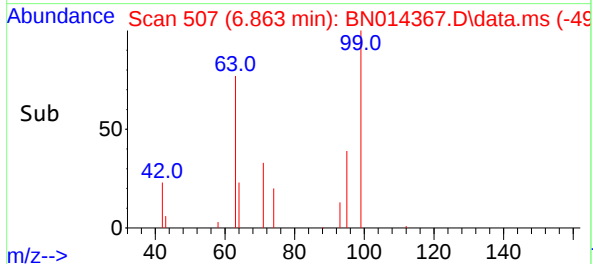
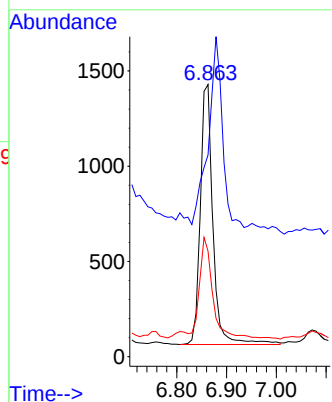
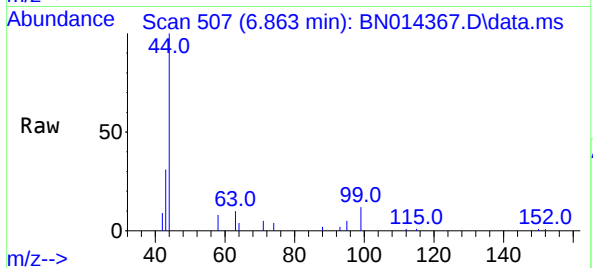




#5
Phenol-d6
Concen: 0.14 ng
RT: 6.863 min Scan# 507
Delta R.T. -0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

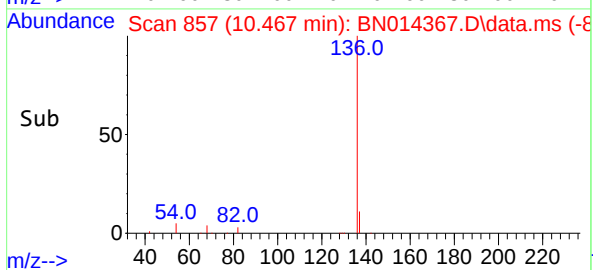
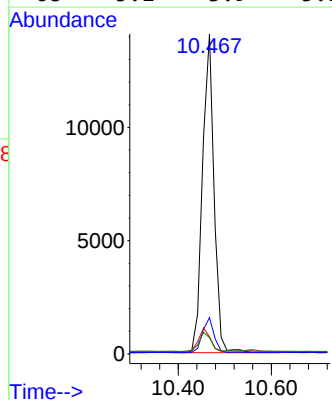
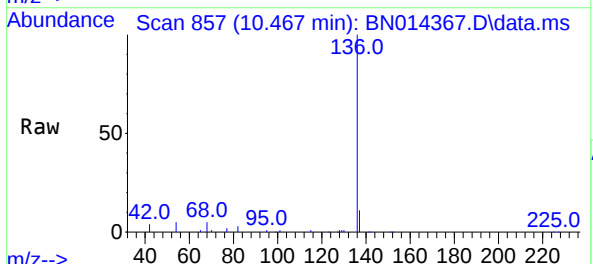
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

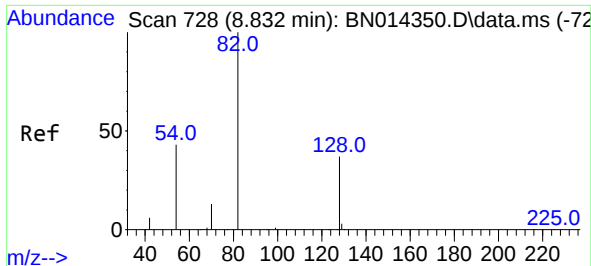
Tgt Ion: 99 Resp: 2411
Ion Ratio Lower Upper
99 100
42 0.0 16.0 24.0#
71 42.0 27.8 41.8#



#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

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

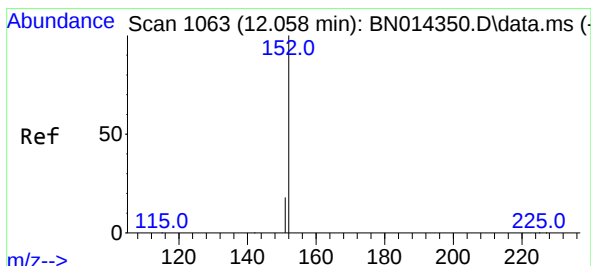
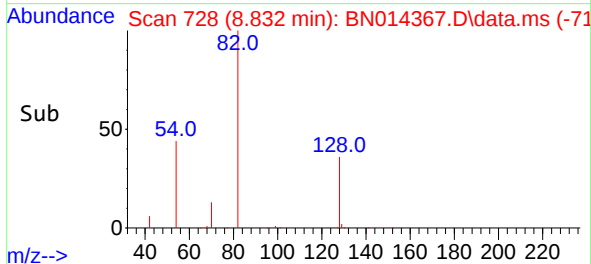
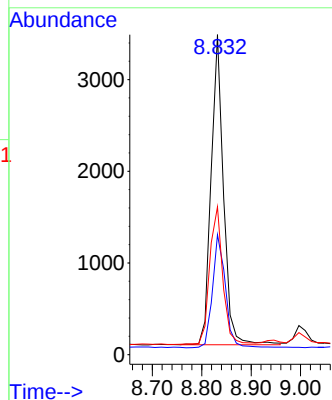
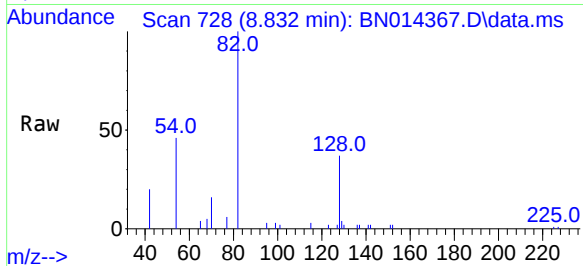




#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

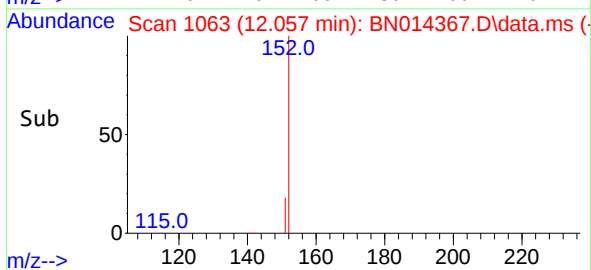
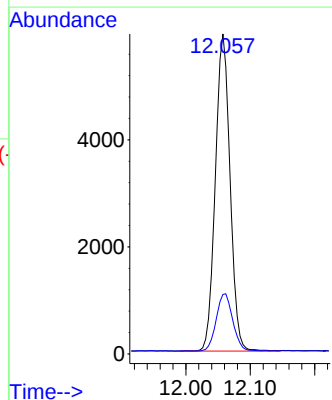
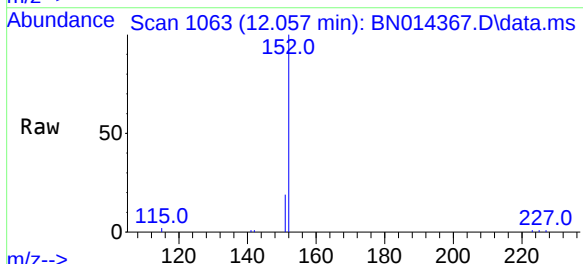
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

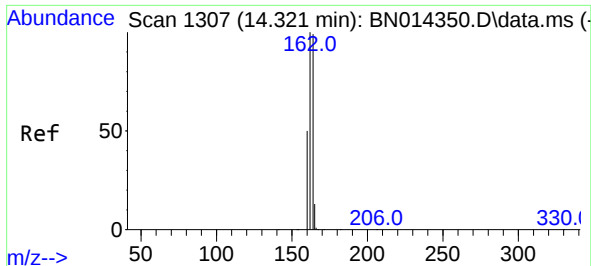
Tgt Ion: 82 Resp: 5913
Ion Ratio Lower Upper
82 100
128 37.5 30.3 45.5
54 46.2 35.8 53.8



#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

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

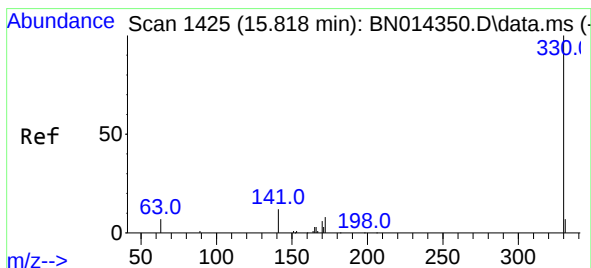
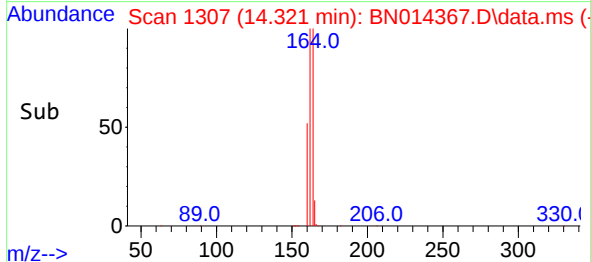
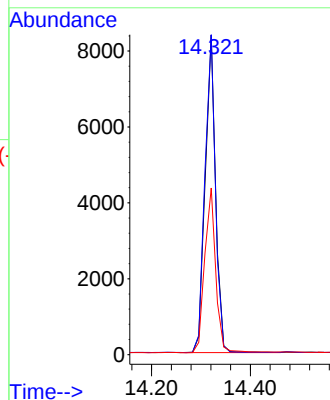
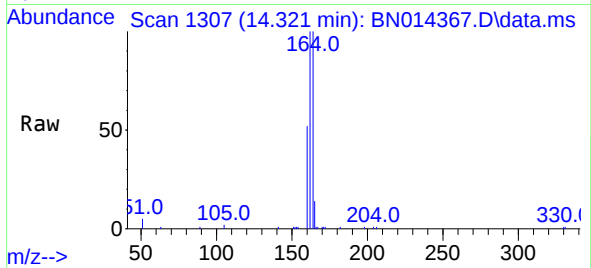




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

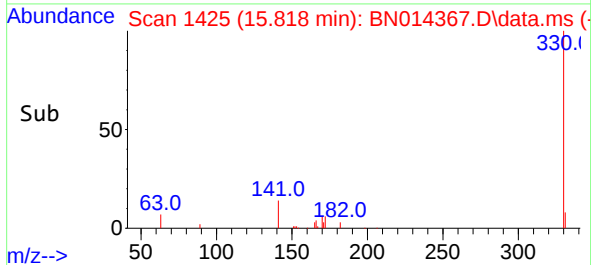
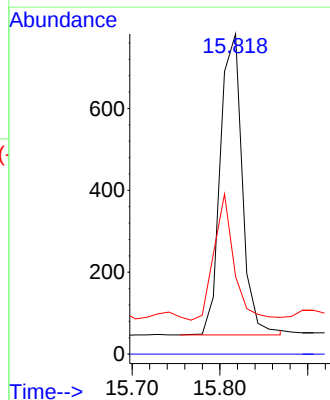
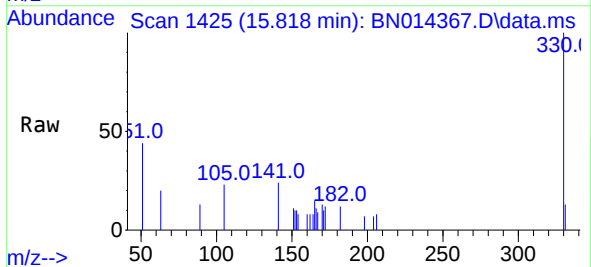
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

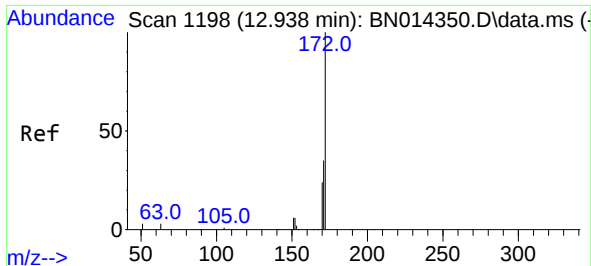
Tgt Ion:164 Resp: 12280
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.6
160 52.2 40.7 61.1



#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

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

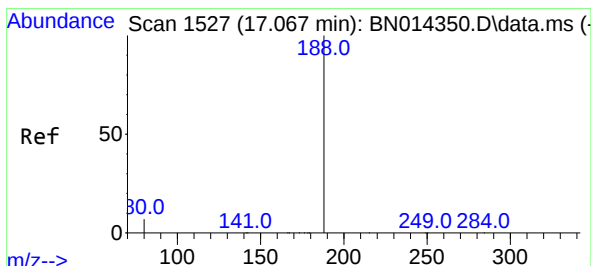
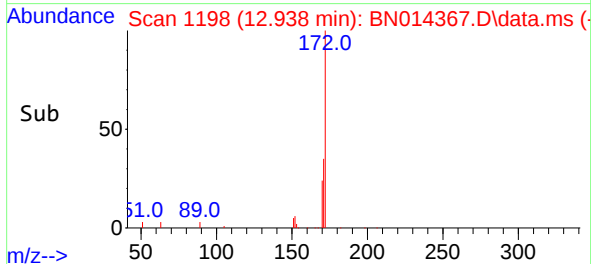
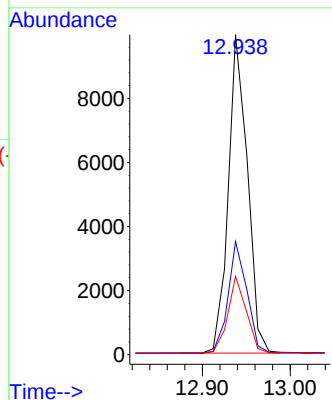
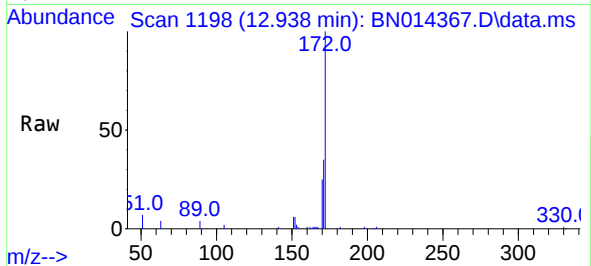




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

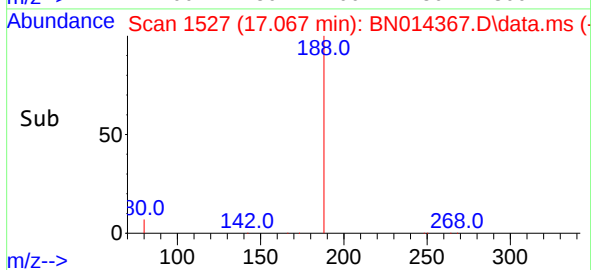
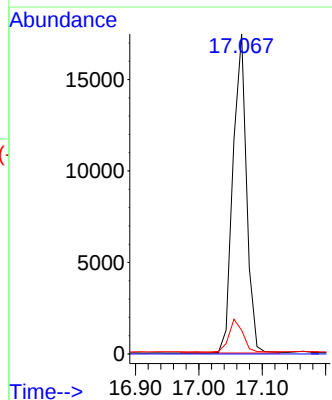
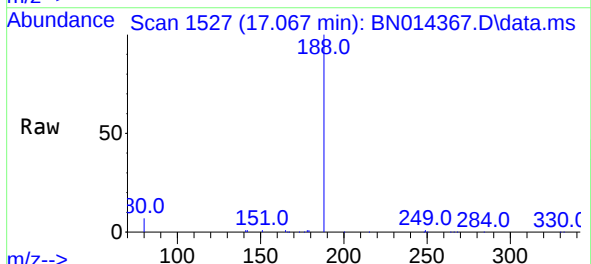
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

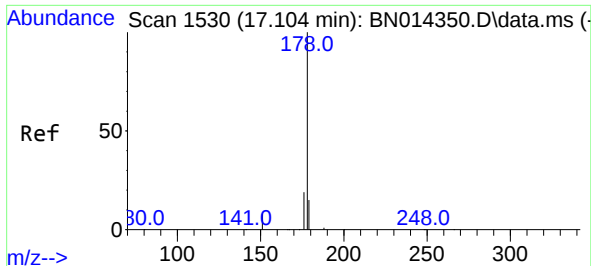
Tgt Ion:	172	Resp:	15058
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	24.5	19.6	29.4



#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

Tgt Ion:	188	Resp:	25945
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.2	9.4

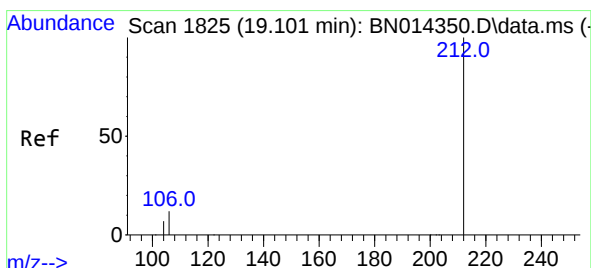
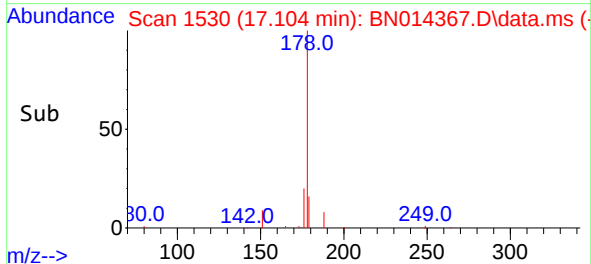
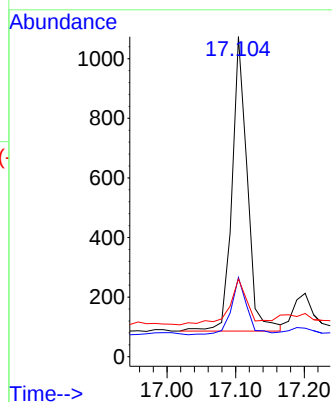
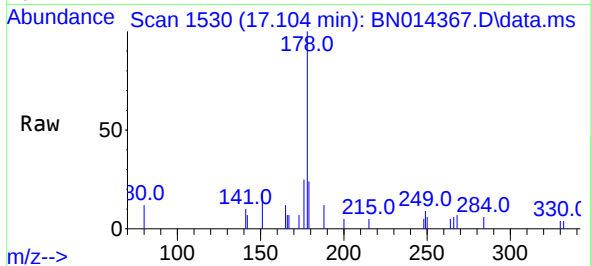




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

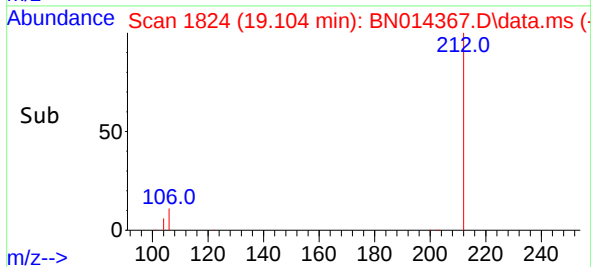
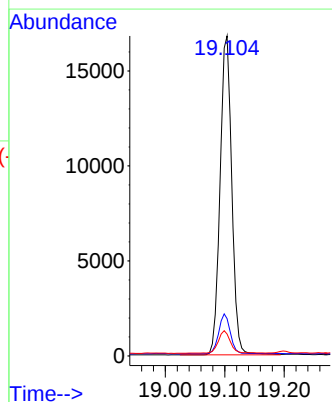
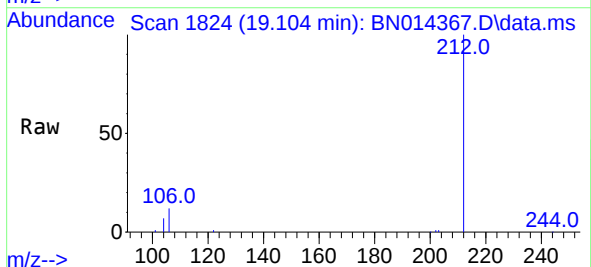
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

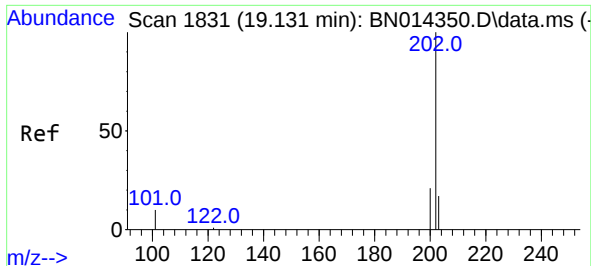
Tgt Ion:	178	Resp:	1531
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.2	22.8
179	19.0	12.2	18.4#



#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

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

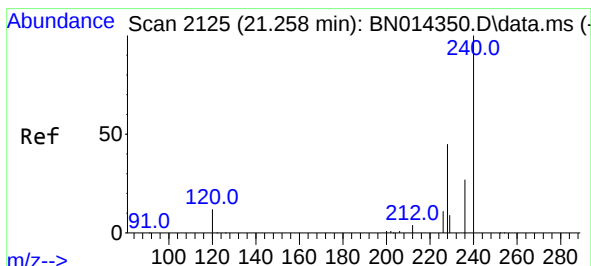
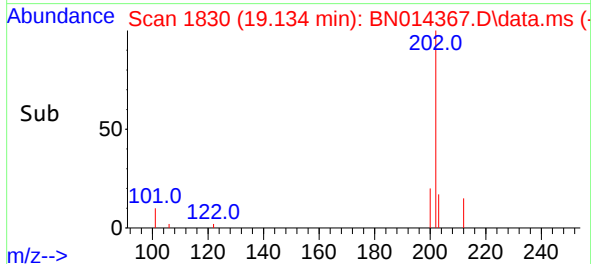
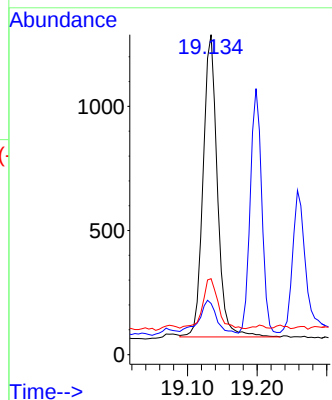
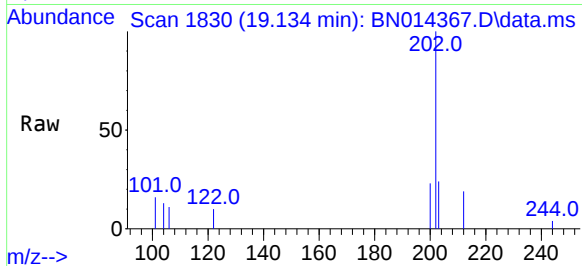




#28
Fluoranthene
Concen: 0.02 ng
RT: 19.134 min Scan# 1830
Delta R.T. 0.003 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

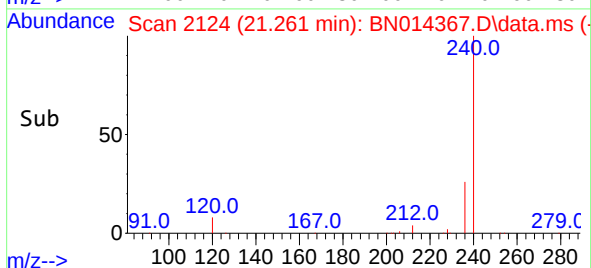
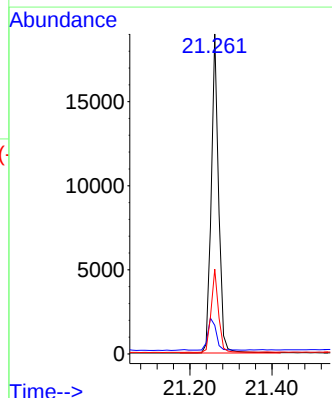
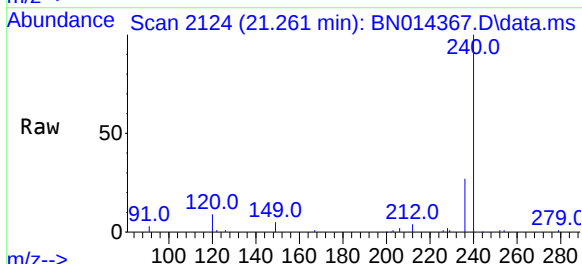
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

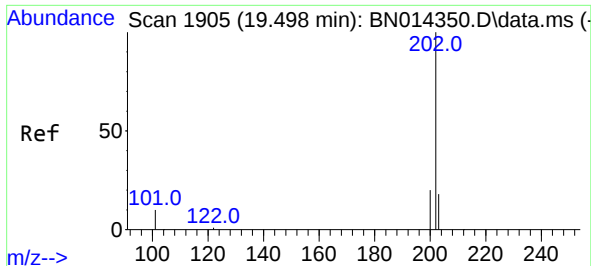
Tgt Ion:202 Resp: 1739
Ion Ratio Lower Upper
202 100
101 13.6 8.2 12.4#
203 19.5 13.8 20.6



#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

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

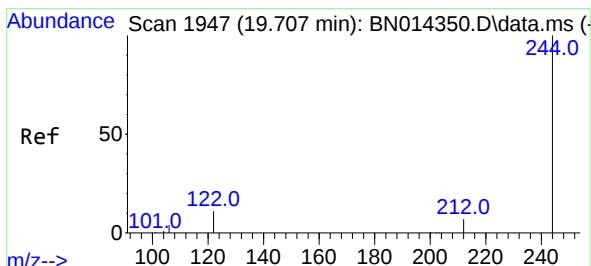
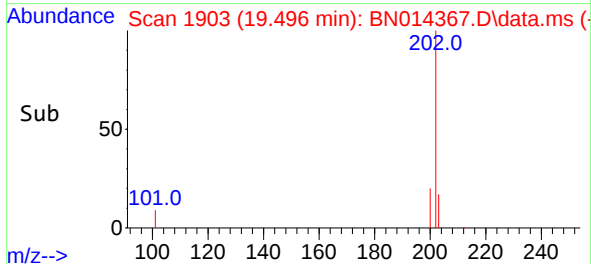
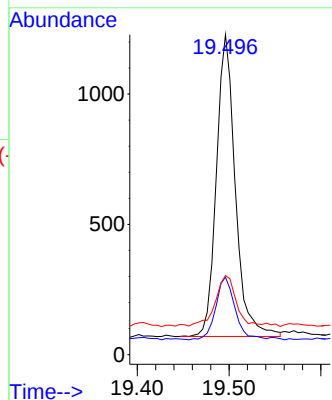
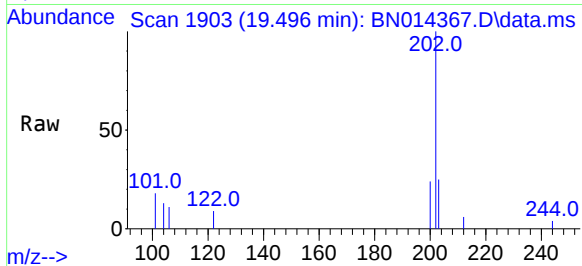




#30
Pyrene
Concen: 0.02 ng
RT: 19.496 min Scan# 1903
Delta R.T. -0.002 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

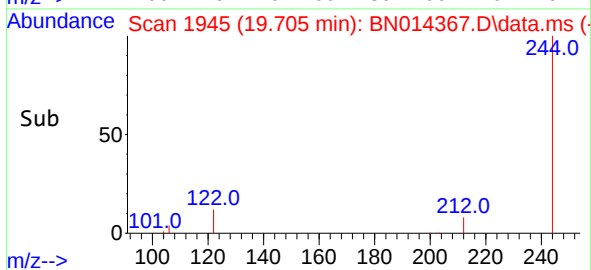
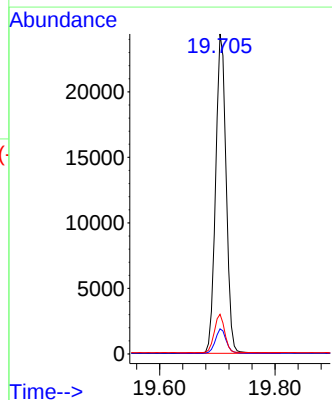
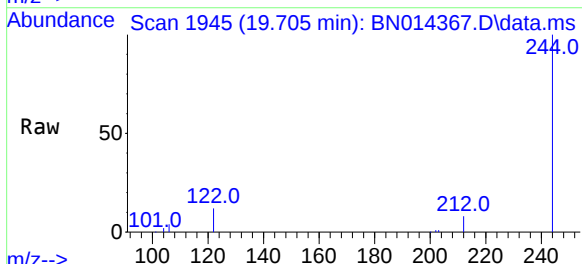
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

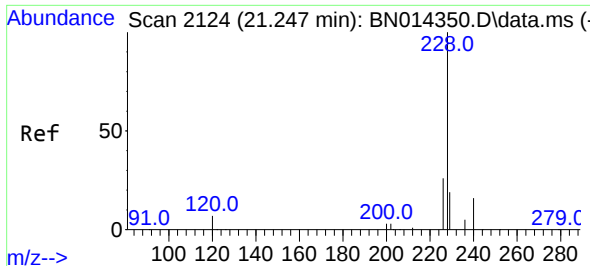
Tgt Ion:202	Resp:	1662
Ion Ratio	Lower	Upper
202	100	
200	21.1	16.6 24.8
203	19.4	14.1 21.1



#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

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

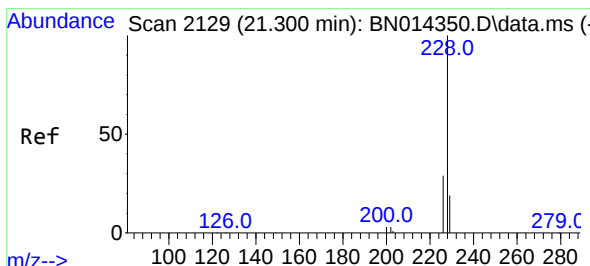
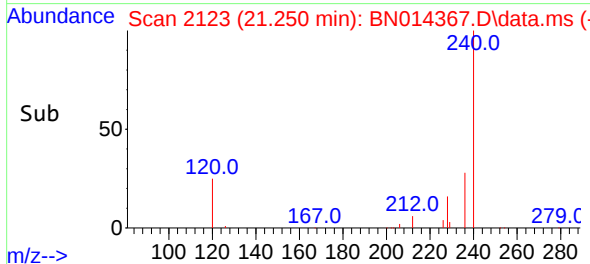
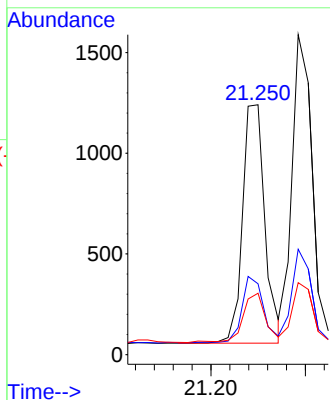
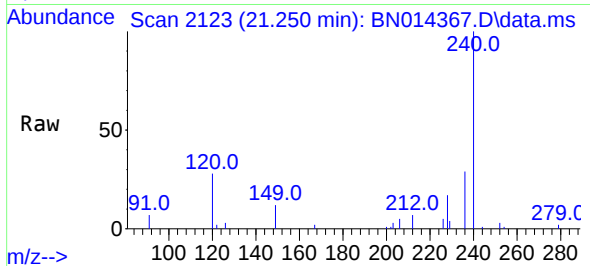




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

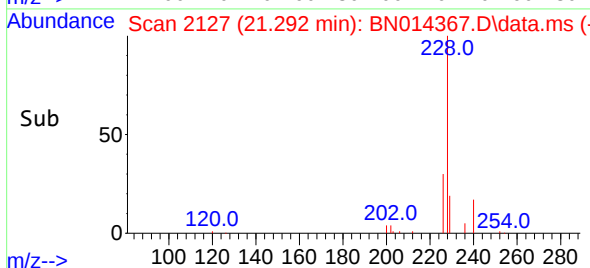
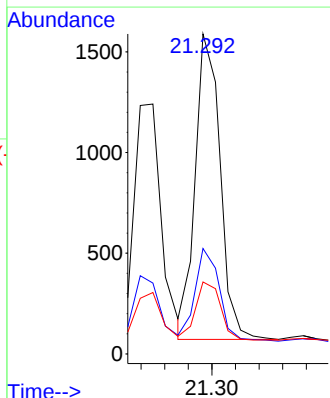
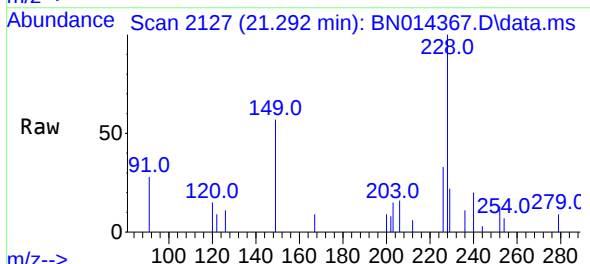
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

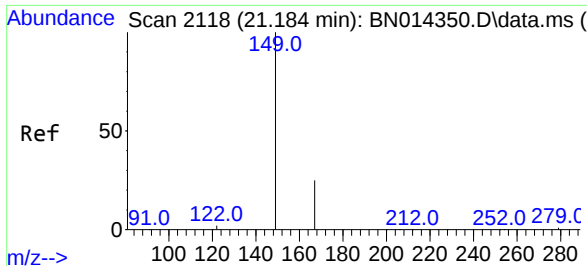
Tgt Ion:228 Resp: 1950
Ion Ratio Lower Upper
228 100
226 28.4 21.3 31.9
229 24.6 15.7 23.5#



#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

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

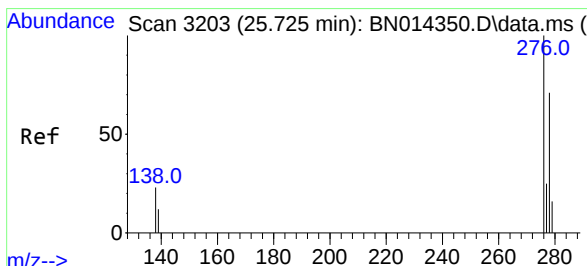
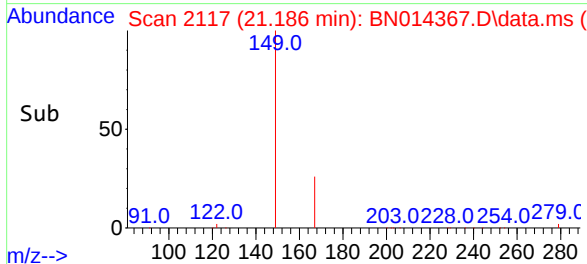
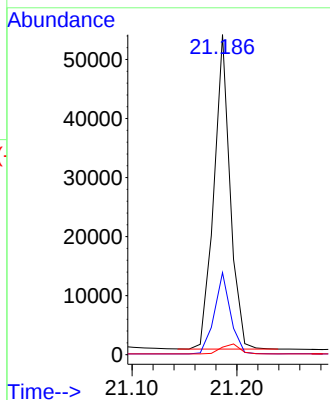
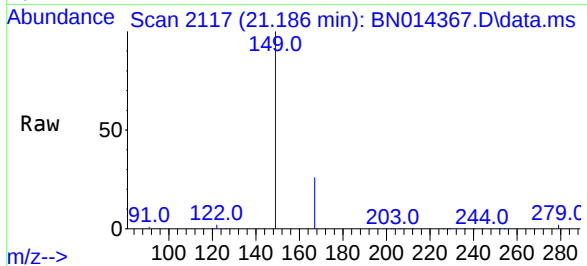




#34
Bis(2-ethylhexyl)phthalate
Concen: 2.58 ng
RT: 21.186 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

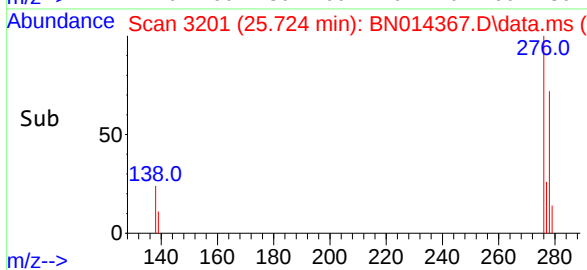
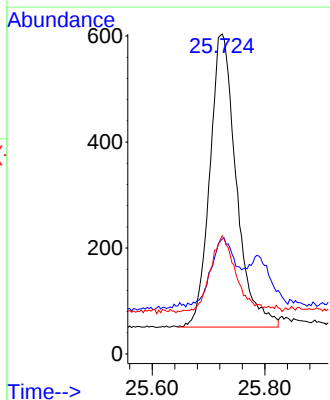
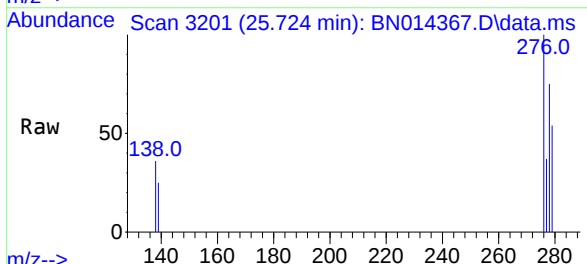
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

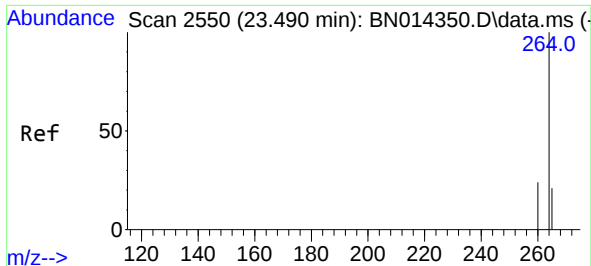
Tgt Ion:149 Resp: 57101
Ion Ratio Lower Upper
149 100
167 25.9 21.3 31.9
279 3.7 3.1 4.7



#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

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

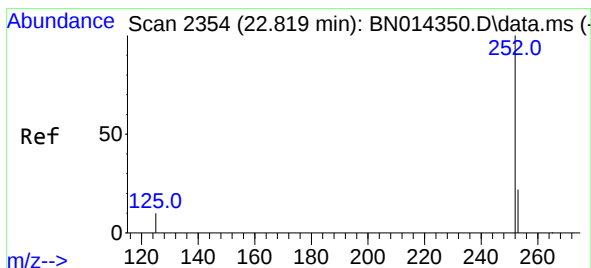
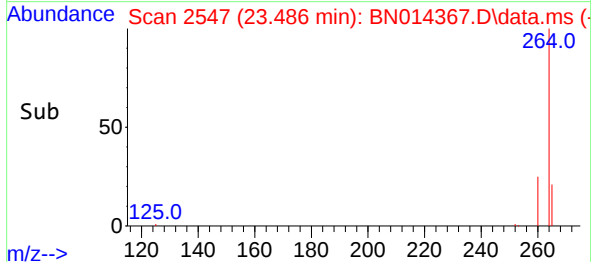
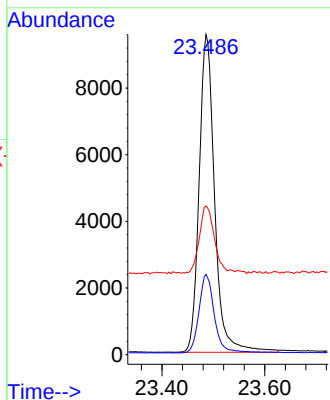
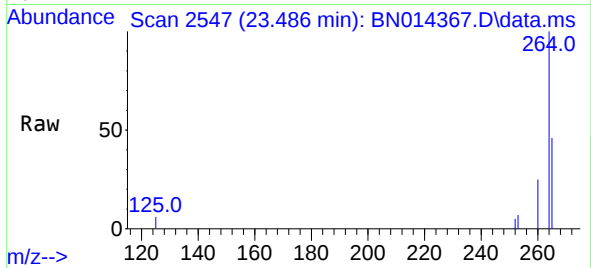




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.486 min Scan# 2547
Delta R.T. -0.004 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

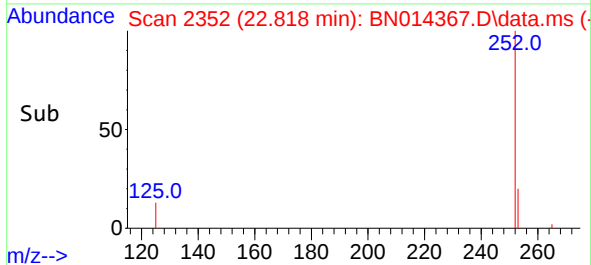
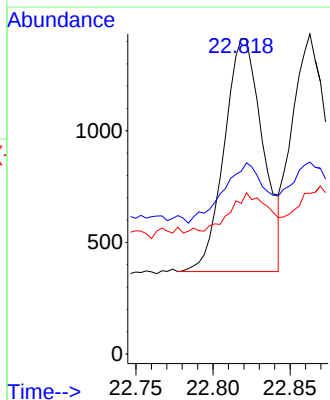
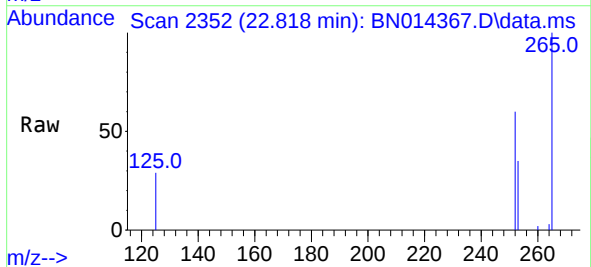
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

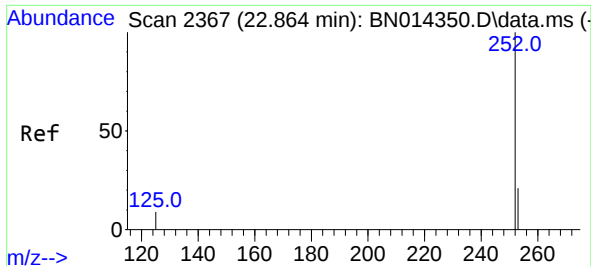
Tgt Ion:264	Resp:	19926
Ion Ratio	Lower	Upper
264	100	
260	25.1	19.8 29.6
265	46.5	34.4 51.6



#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

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#

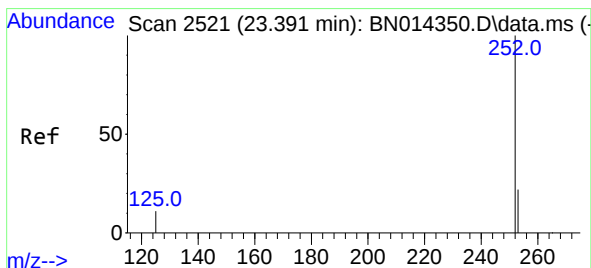
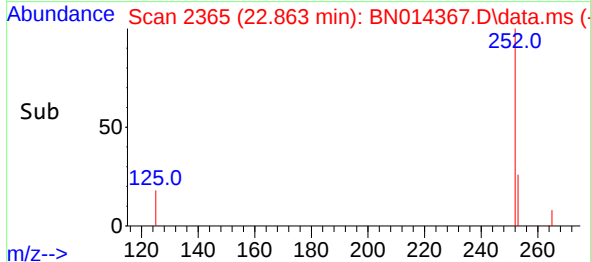
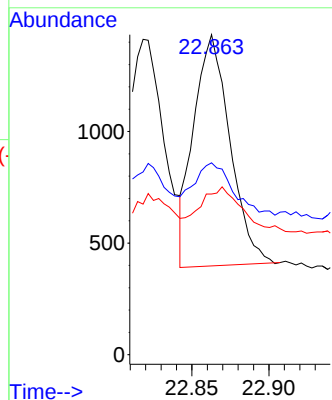
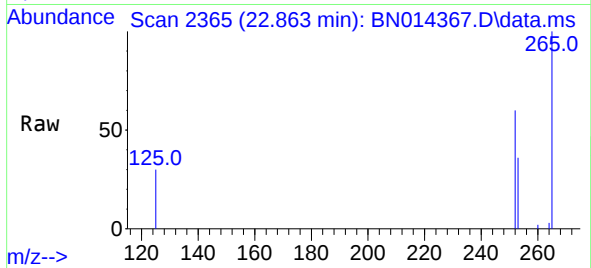




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.863 min Scan# 2365
Delta R.T. -0.001 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

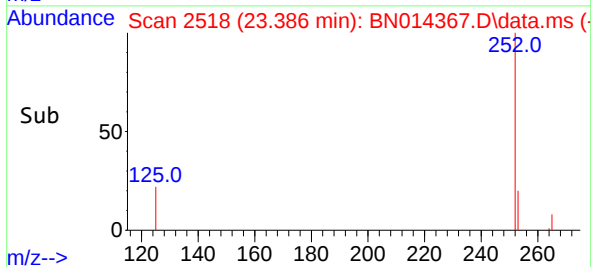
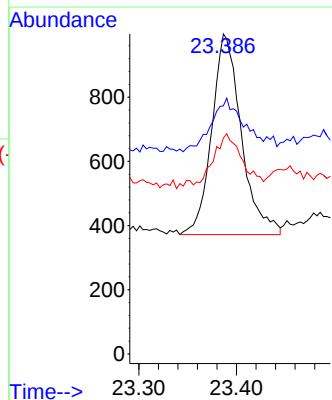
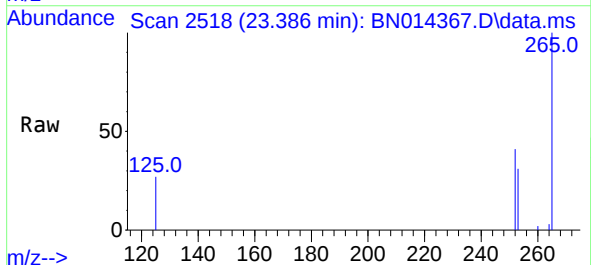
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-58-60

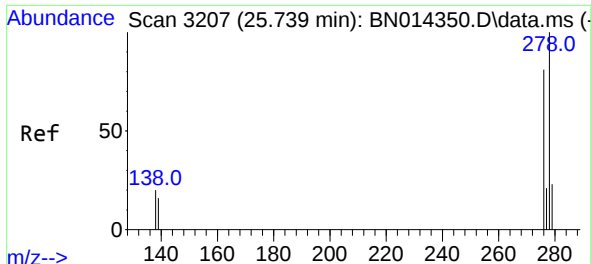
Tgt Ion:252 Resp: 1694
Ion Ratio Lower Upper
252 100
253 60.0 19.3 28.9#
125 50.2 9.4 14.2#



#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#

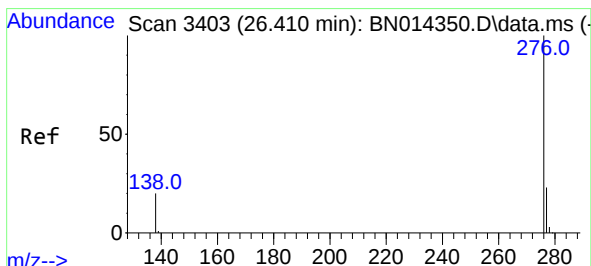
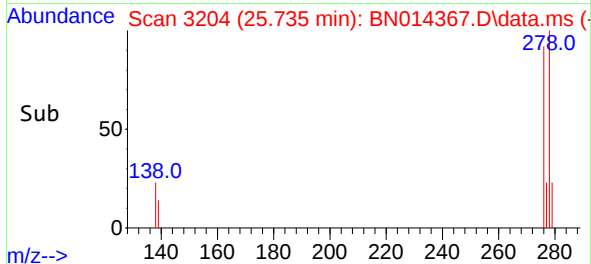
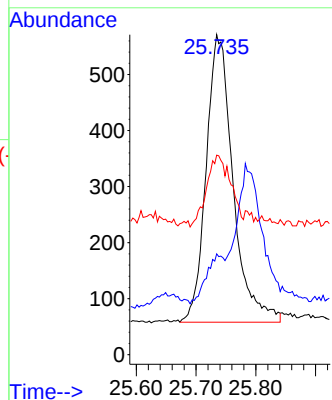
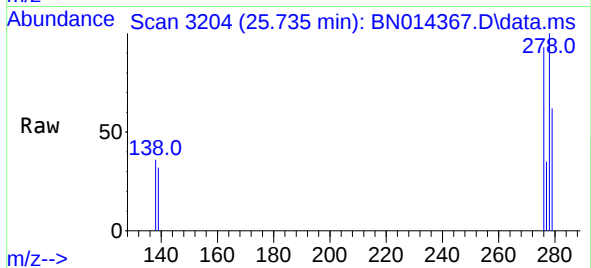




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.735 min Scan# 3204
Delta R.T. -0.004 min
Lab File: BN014367.D
Acq: 21 Apr 2021 23:26

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

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

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#

