

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042221\
 Data File : BN014368.D
 Acq On : 22 Apr 2021 00:01
 Operator : CG/JU
 Sample : M2122-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-98-100

Quant Time: Apr 22 01:55:26 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)

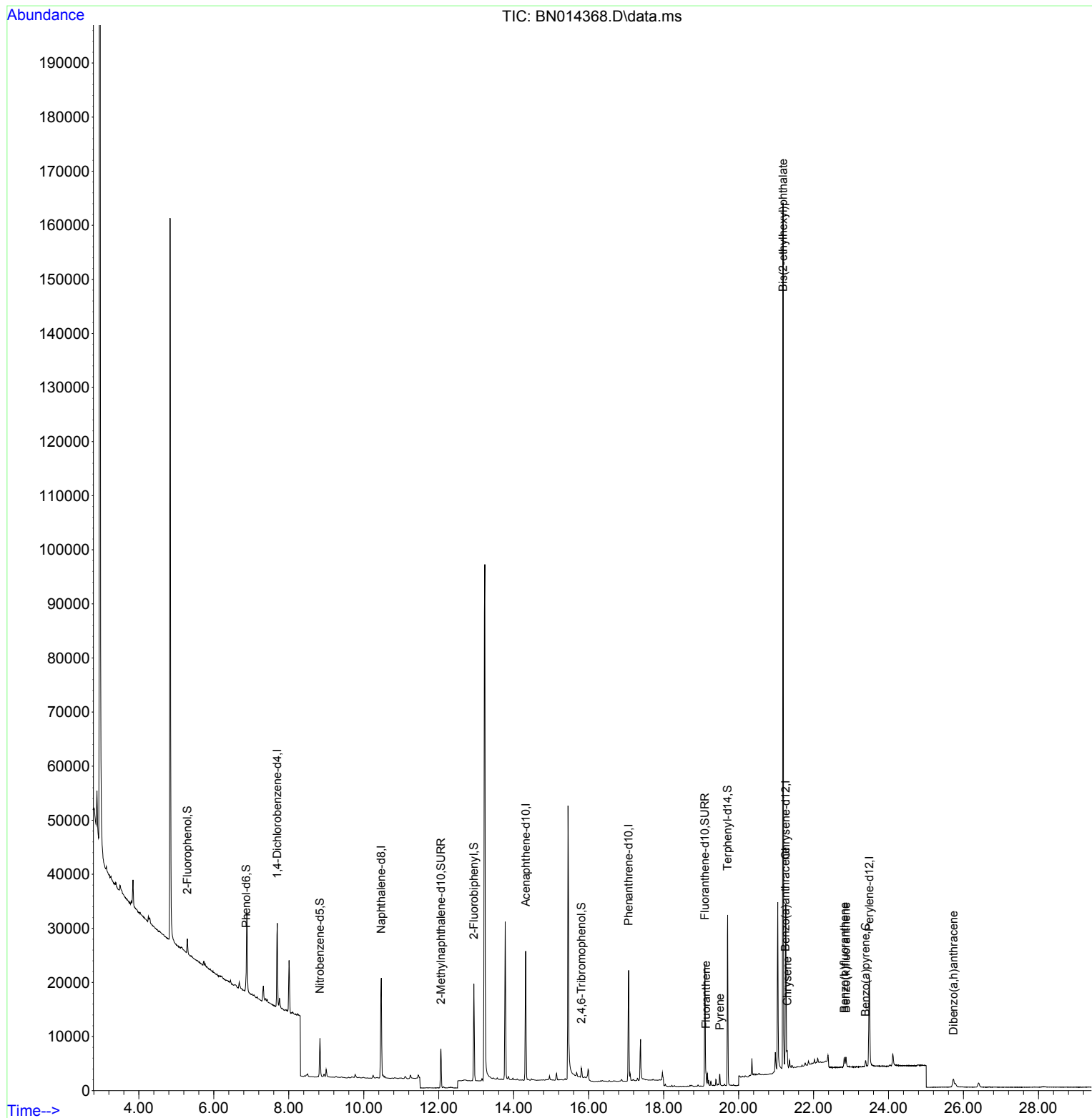
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	7265	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	25768	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	12991	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	27540	0.40	ng	0.00
29) Chrysene-d12	21.258	240	27718	0.40	ng	# 0.00
36) Perylene-d12	23.486	264	23271	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	2193	0.15	ng	0.00
5) Phenol-d6	6.863	99	1733	0.09	ng	0.00
8) Nitrobenzene-d5	8.832	82	6080	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	9724	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1460	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	15230	0.30	ng	0.00
27) Fluoranthene-d10	19.101	212	25436	0.35	ng	0.00
31) Terphenyl-d14	19.707	244	31019	0.53	ng	0.00
Target Compounds						
28) Fluoranthene	19.131	202	1851	0.02	ng	# 95
30) Pyrene	19.498	202	2081	0.03	ng	97
32) Benzo(a)anthracene	21.247	228	2548	0.03	ng	94
33) Chrysene	21.300	228	2736	0.03	ng	95
34) Bis(2-ethylhexyl)phtha...	21.184	149	132444	5.11	ng	99
37) Benzo(b)fluoranthene	22.819	252	2292	0.03	ng	# 24
38) Benzo(k)fluoranthene	22.863	252	2233	0.03	ng	# 19
39) Benzo(a)pyrene	23.387	252	1563	0.02	ng	# 1
40) Dibenzo(a,h)anthracene	25.735	278	1619	0.02	ng	# 38

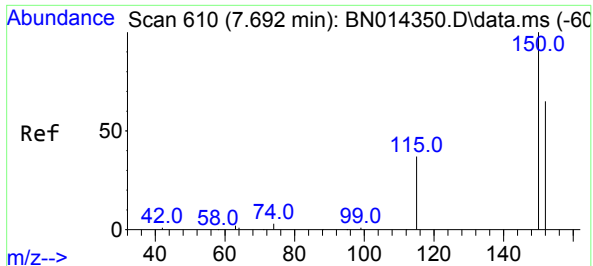
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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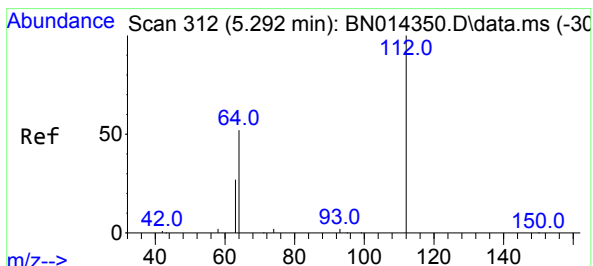
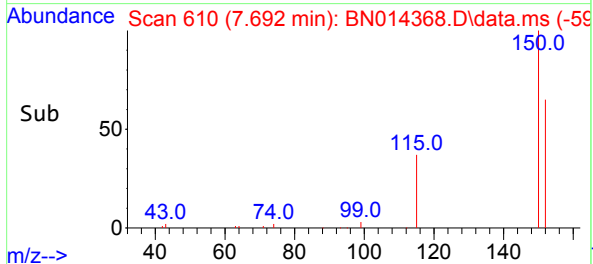
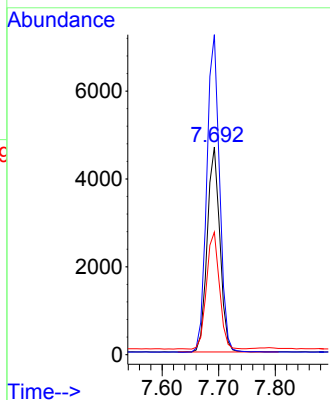
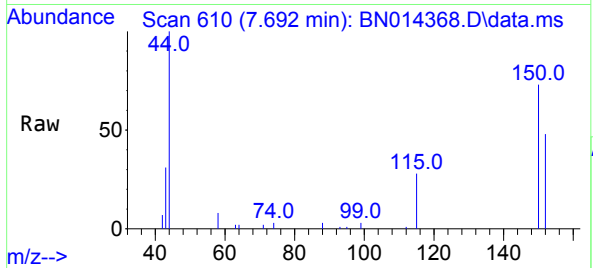




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

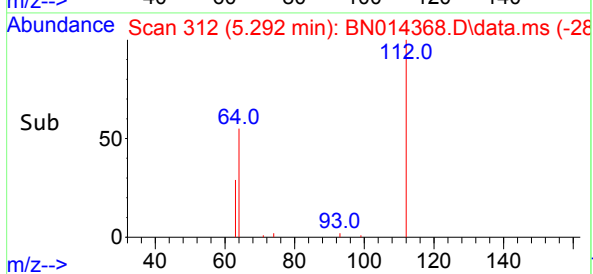
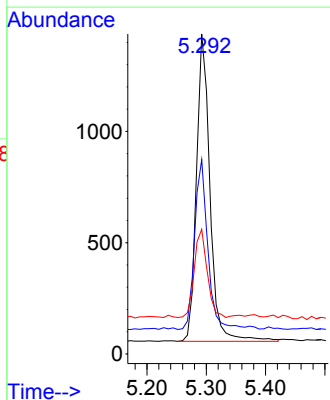
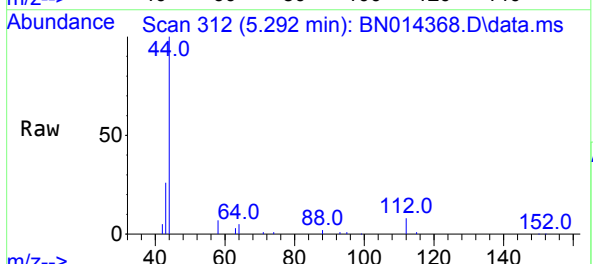
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-98-100

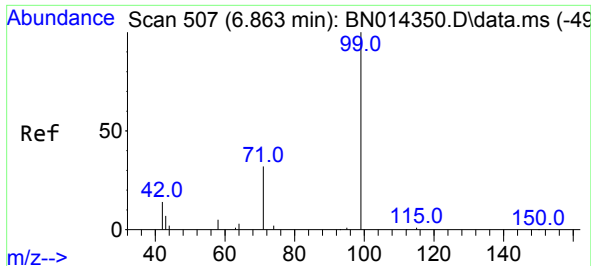
Tgt Ion:152 Resp: 7265
Ion Ratio Lower Upper
152 100
150 154.1 123.4 185.2
115 59.0 47.5 71.3



#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Tgt Ion:112 Resp: 2193
Ion Ratio Lower Upper
112 100
64 54.4 43.0 64.6
63 27.3 23.4 35.0

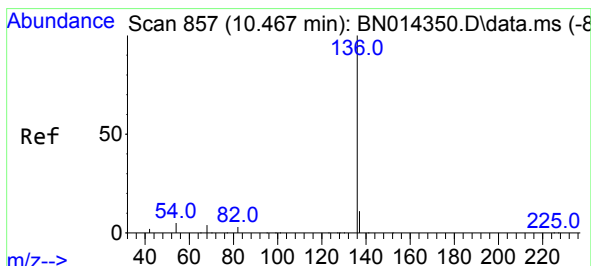
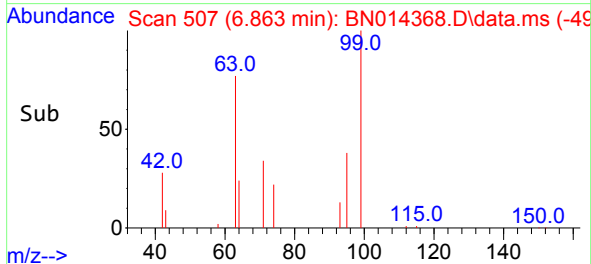
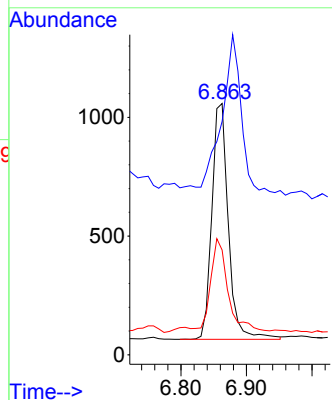
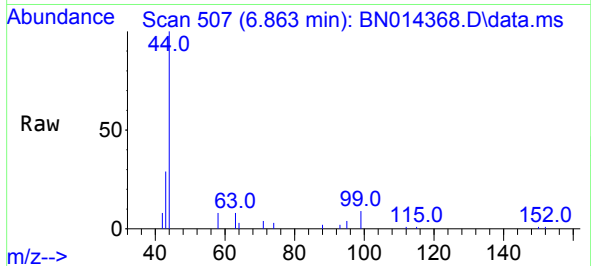




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.863 min Scan# 507
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

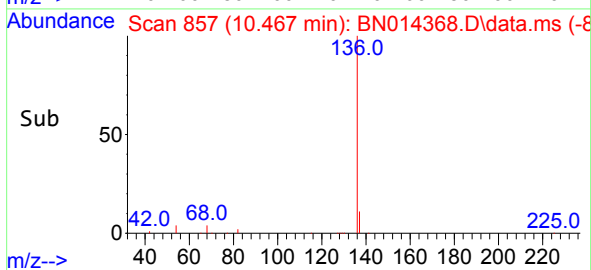
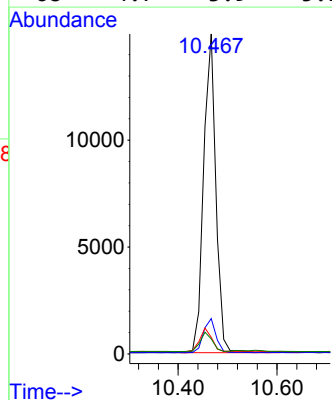
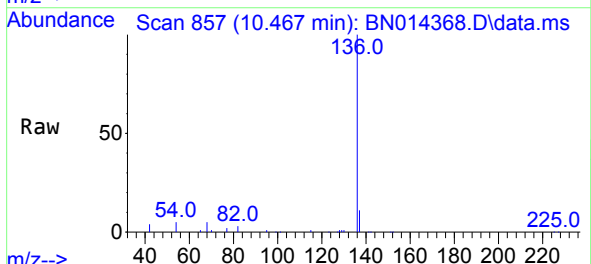
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-98-100

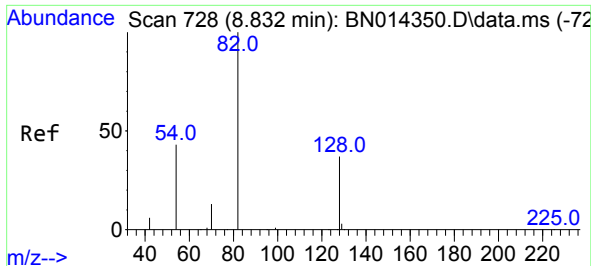
Tgt Ion: 99 Resp: 1733
Ion Ratio Lower Upper
99 100
42 0.0 16.0 24.0#
71 40.4 27.8 41.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Tgt Ion: 136 Resp: 25768
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 5.2 4.4 6.6
68 4.7 3.9 5.9

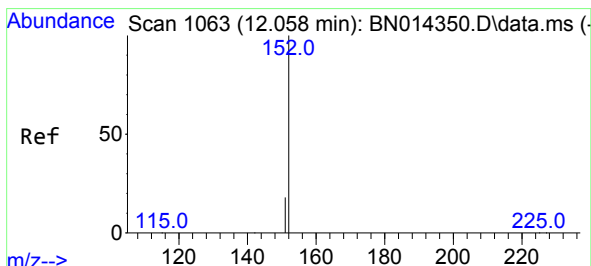
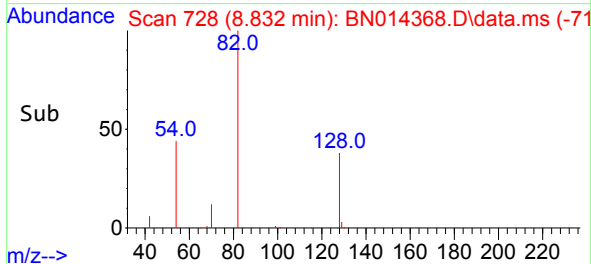
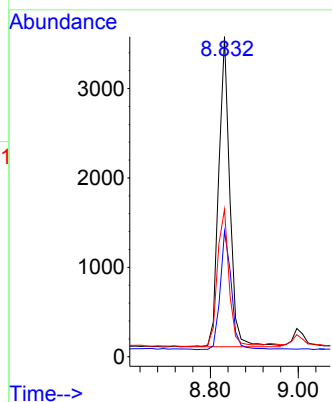
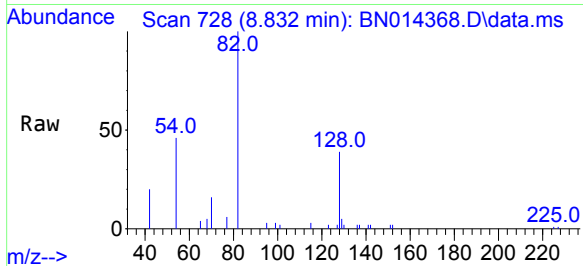




#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

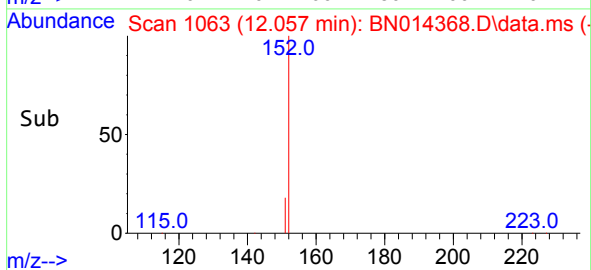
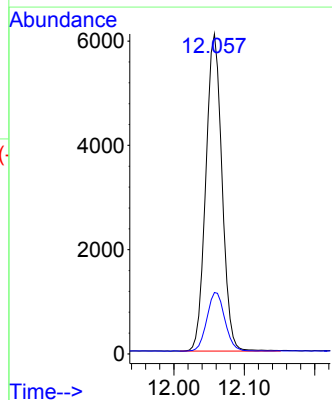
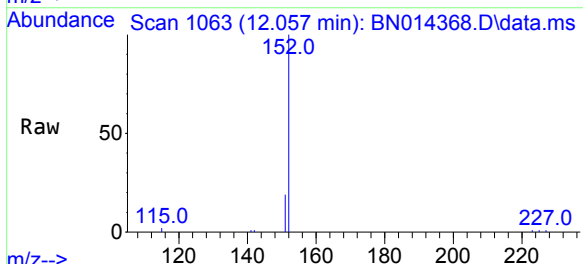
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-98-100

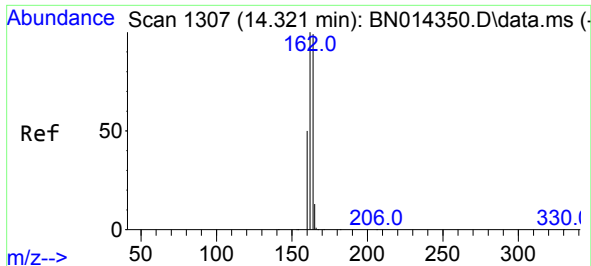
Tgt Ion: 82 Resp: 6080
Ion Ratio Lower Upper
82 100
128 39.3 30.3 45.5
54 46.0 35.8 53.8



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Tgt Ion: 152 Resp: 9724
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5

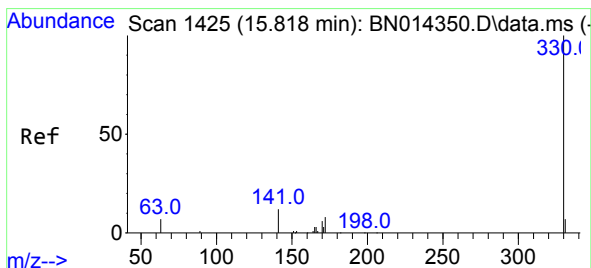
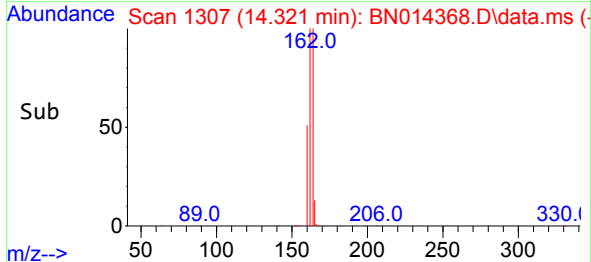
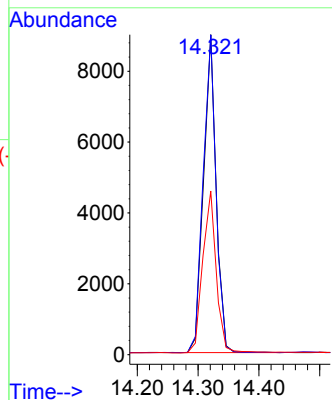
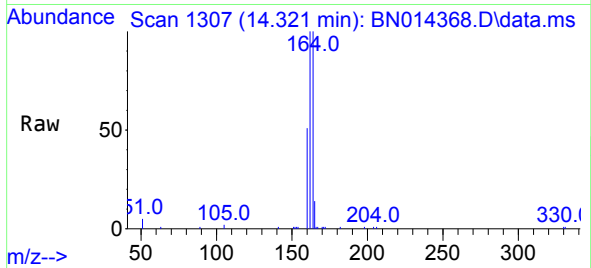




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

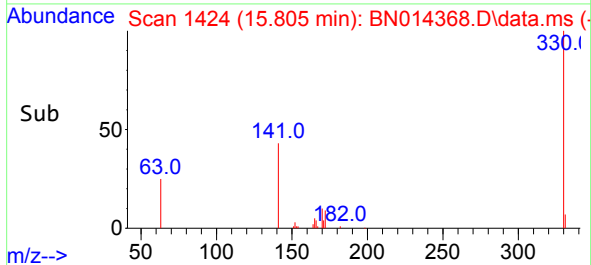
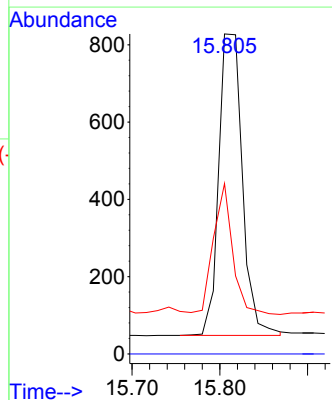
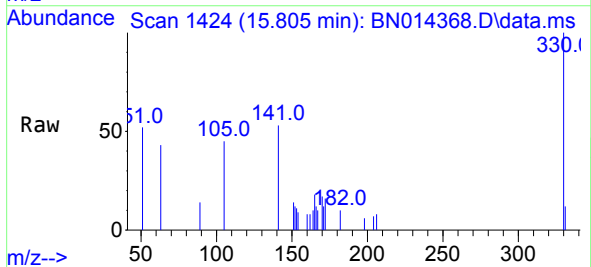
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-98-100

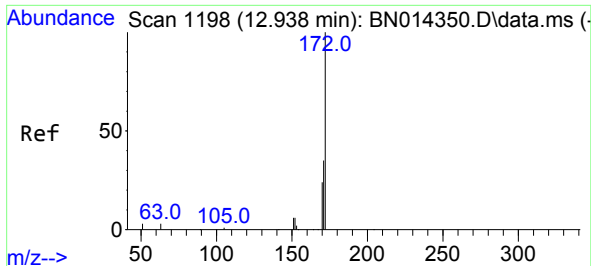
Tgt Ion:164 Resp: 12991
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.6
160 51.2 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.013 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Tgt Ion:330 Resp: 1460
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.3 26.2 39.2

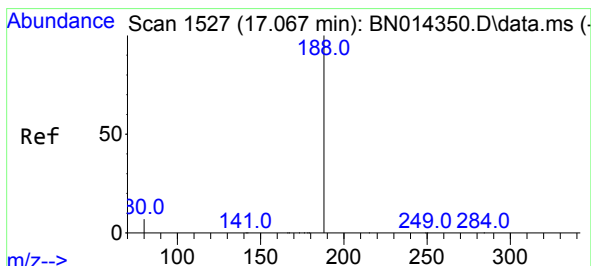
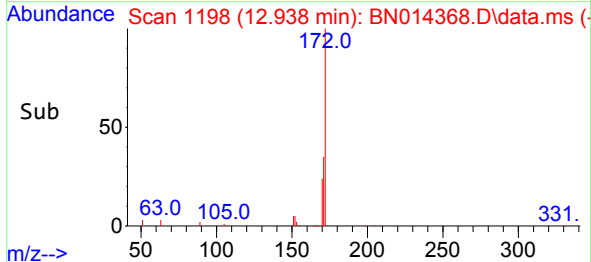
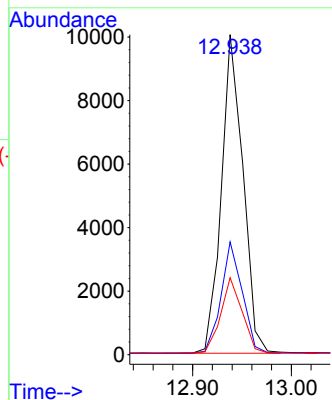
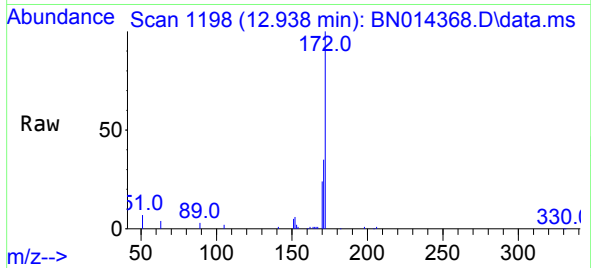




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

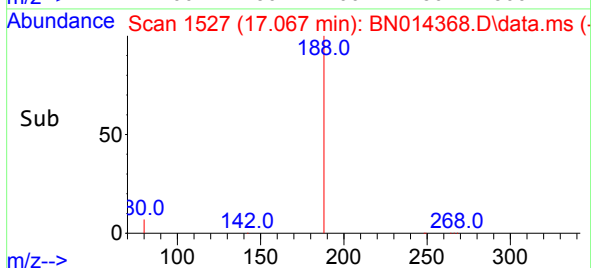
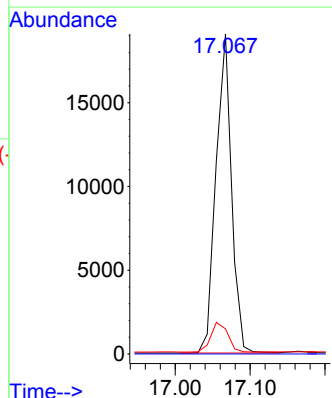
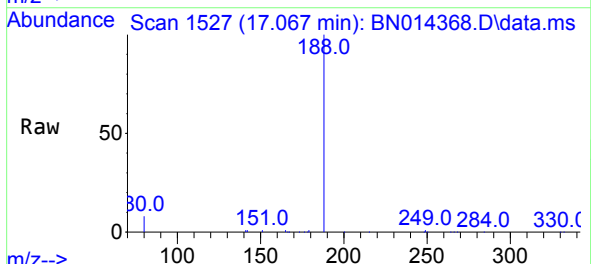
Instrument :
BNA_N
ClientSampleId :
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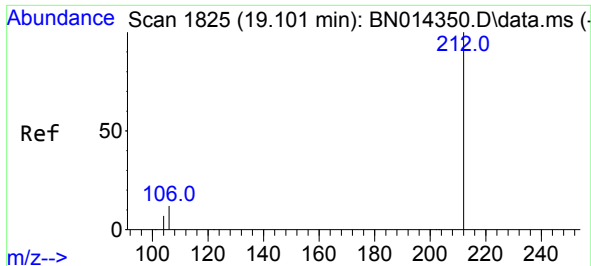
Tgt Ion:	172	Resp:	15230
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	24.0	19.6	29.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

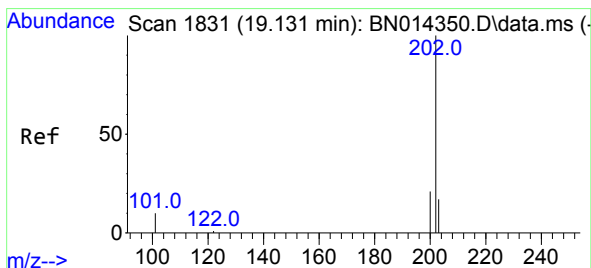
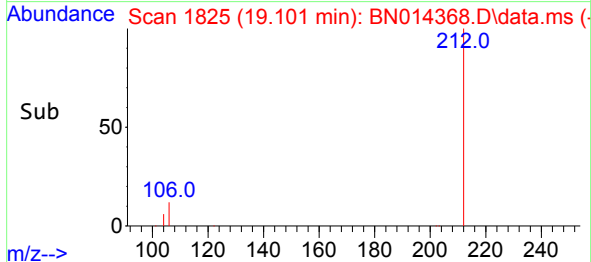
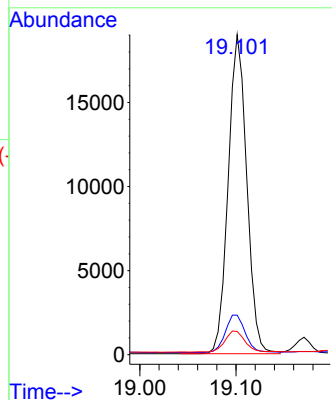
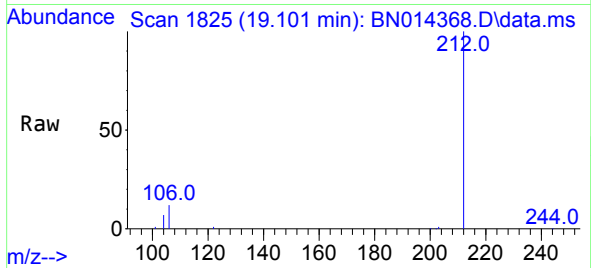
Tgt Ion:	188	Resp:	27540
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	6.2	9.4





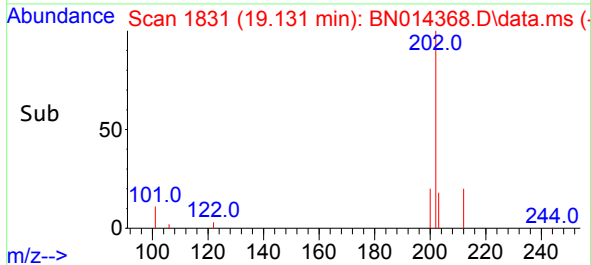
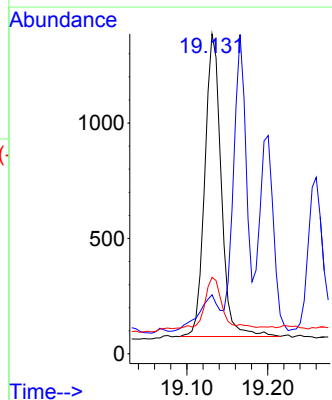
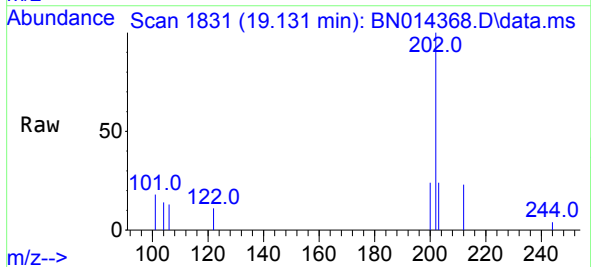
#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.101 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

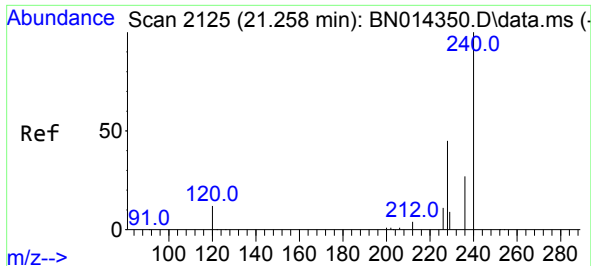
Tgt Ion:	212	Resp:	25436
Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.7	14.5
104	7.2	5.4	8.0



#28
Fluoranthene
Concen: 0.02 ng
RT: 19.131 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Tgt Ion:	202	Resp:	1851
Ion	Ratio	Lower	Upper
202	100		
101	14.3	8.2	12.4
203	16.5	13.8	20.6

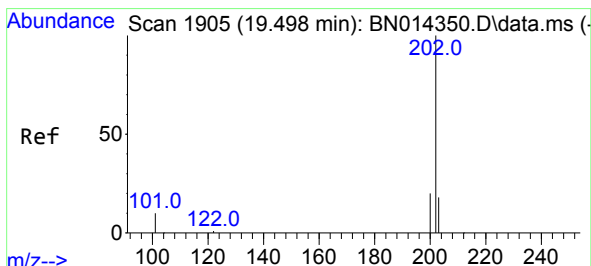
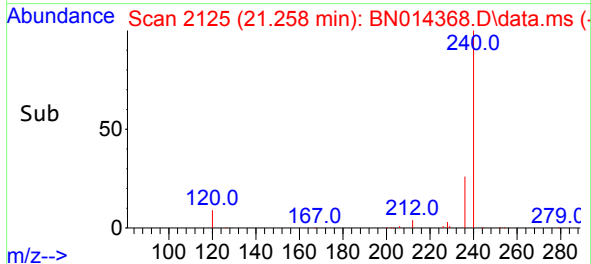
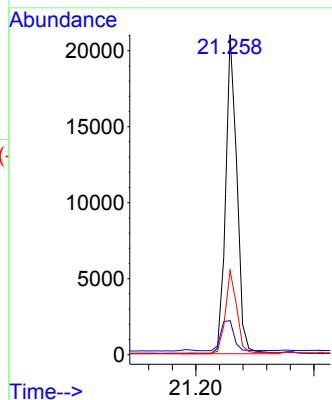
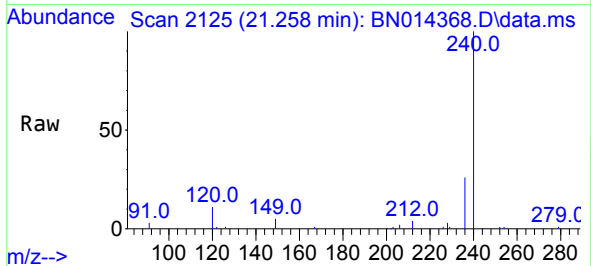




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.258 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

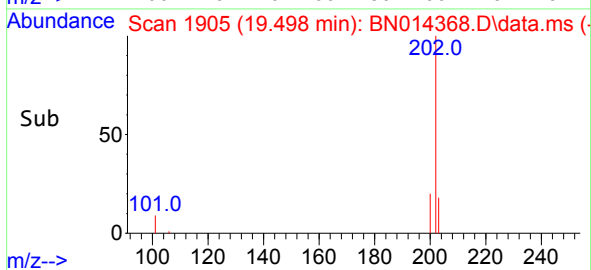
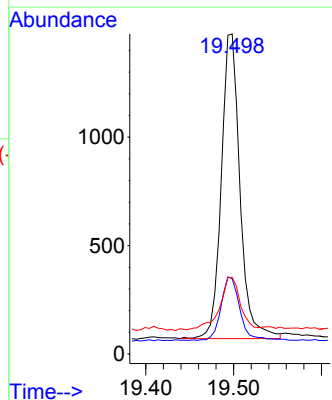
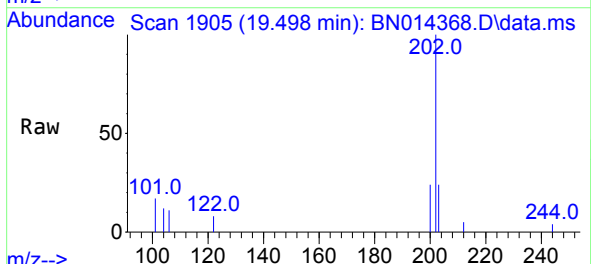
Instrument :
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BP-VPB-RW8-GW-98-100

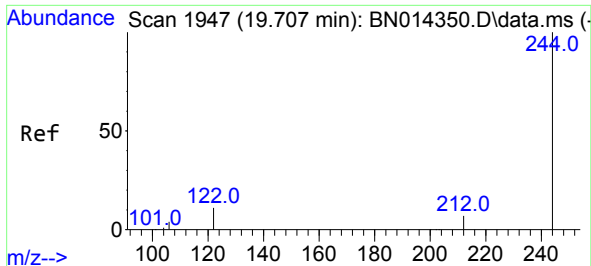
Tgt Ion:240 Resp: 27718
Ion Ratio Lower Upper
240 100
120 10.7 10.7 16.1#
236 26.3 21.5 32.3



#30
Pyrene
Concen: 0.03 ng
RT: 19.498 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Tgt Ion:202 Resp: 2081
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 19.9 14.1 21.1

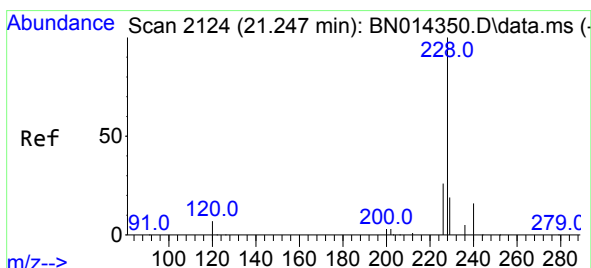
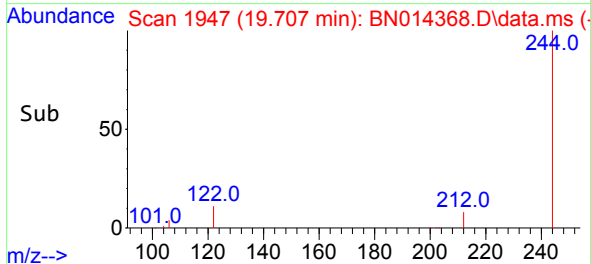
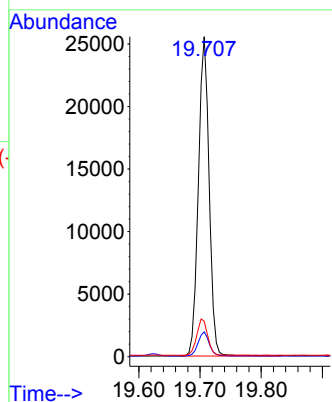
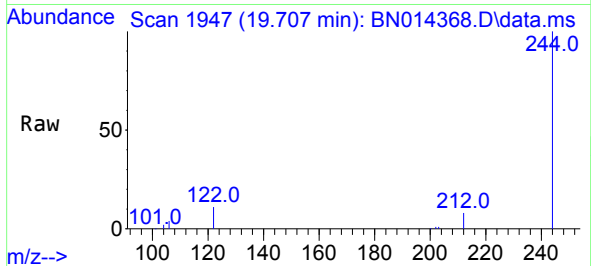




#31
Terphenyl-d14
Concen: 0.53 ng
RT: 19.707 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

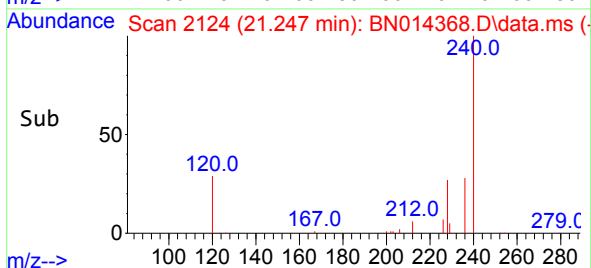
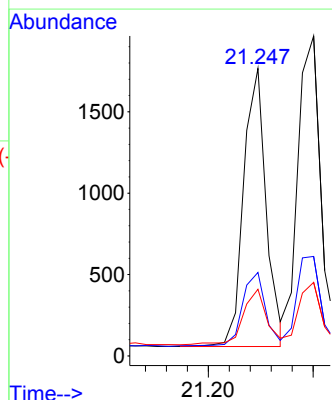
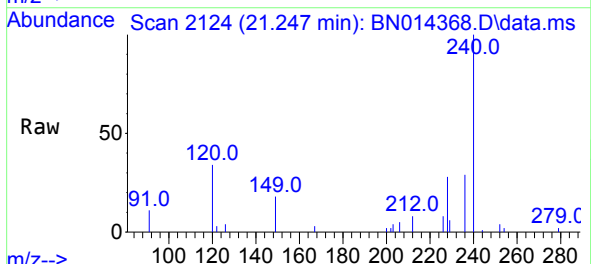
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-98-100

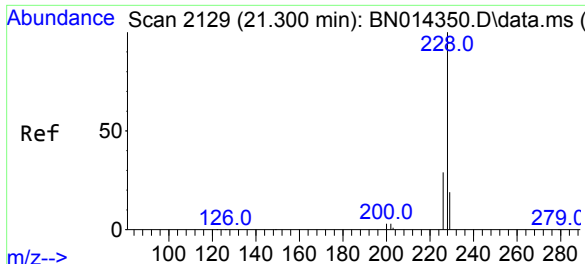
Tgt Ion:244 Resp: 31019
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 11.1 9.3 13.9



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Tgt Ion:228 Resp: 2548
Ion Ratio Lower Upper
228 100
226 29.0 21.3 31.9
229 23.2 15.7 23.5

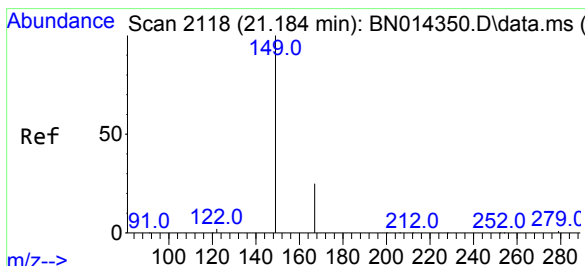
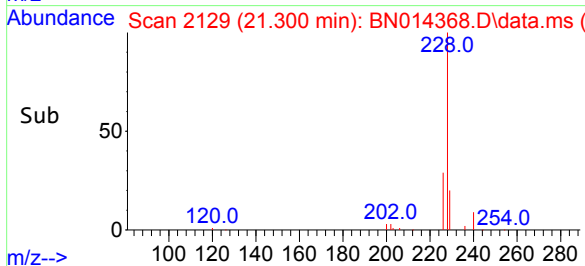
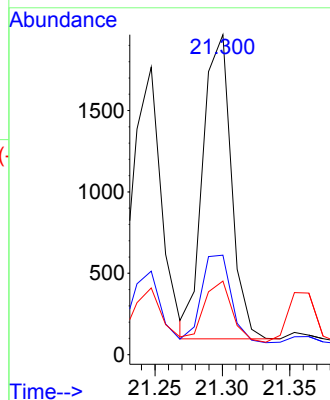
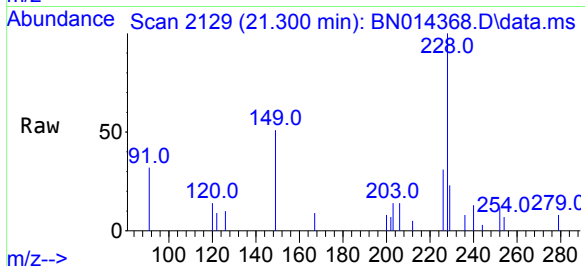




#33
Chrysene
Concen: 0.03 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

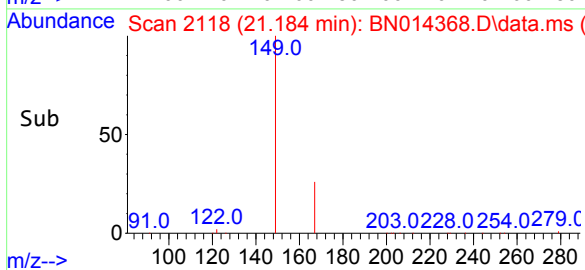
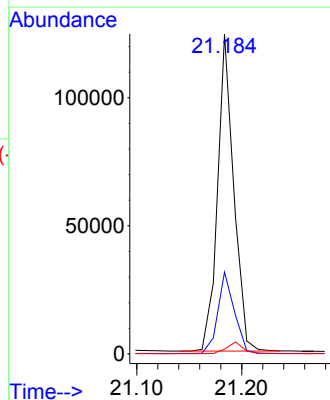
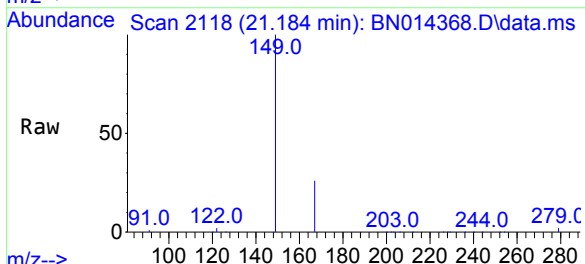
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-98-100

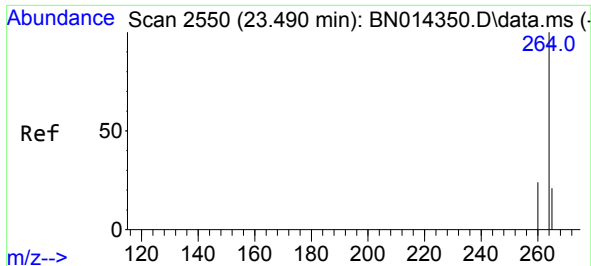
Tgt Ion:228 Resp: 2736
Ion Ratio Lower Upper
228 100
226 31.1 23.1 34.7
229 23.0 15.7 23.5



#34
Bis(2-ethylhexyl)phthalate
Concen: 5.11 ng
RT: 21.184 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Tgt Ion:149 Resp: 132444
Ion Ratio Lower Upper
149 100
167 26.2 21.3 31.9
279 3.7 3.1 4.7



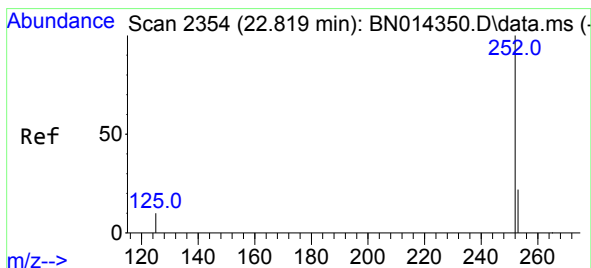
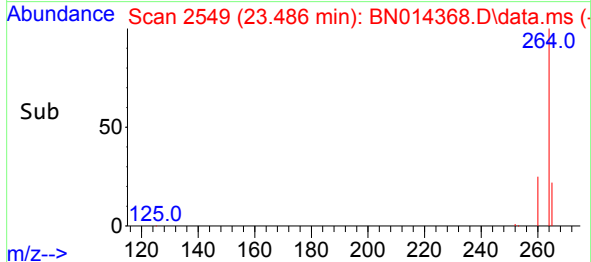
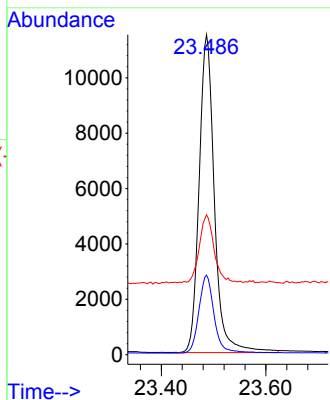
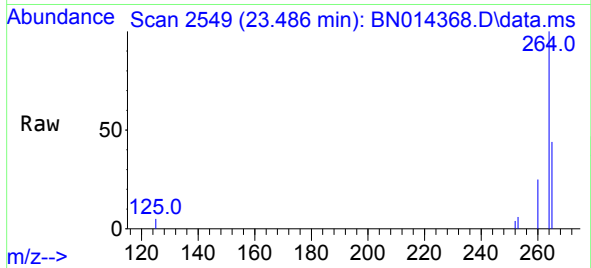


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.486 min Scan# 2549
Delta R.T. -0.003 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-98-100

Tgt Ion:264 Resp: 23271

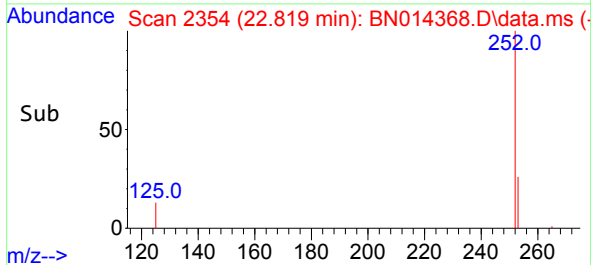
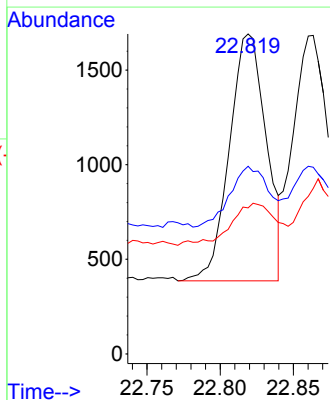
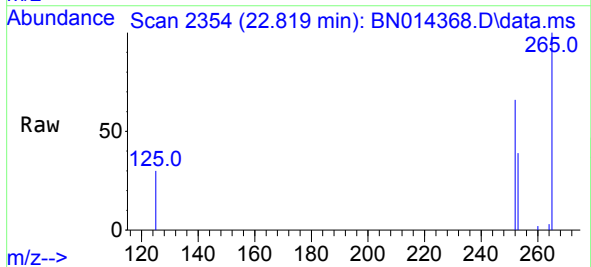
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	43.7	34.4	51.6

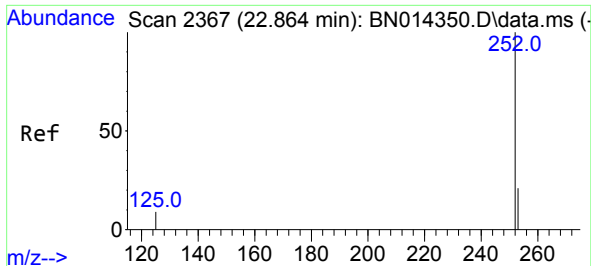


#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.819 min Scan# 2354
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Tgt Ion:252 Resp: 2292

Ion	Ratio	Lower	Upper
252	100		
253	58.7	19.0	28.6#
125	45.7	9.7	14.5#

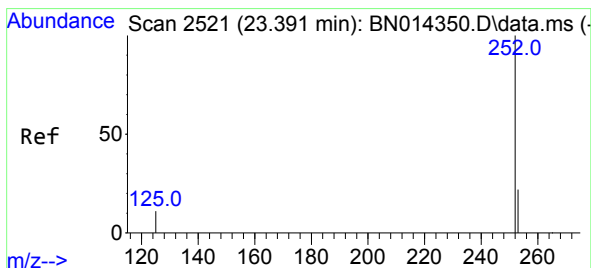
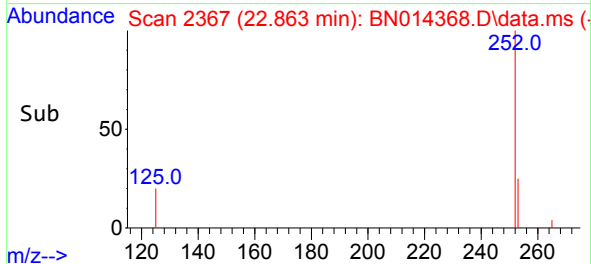
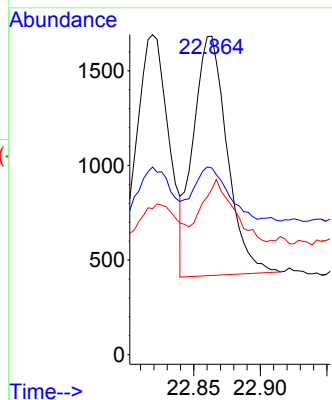
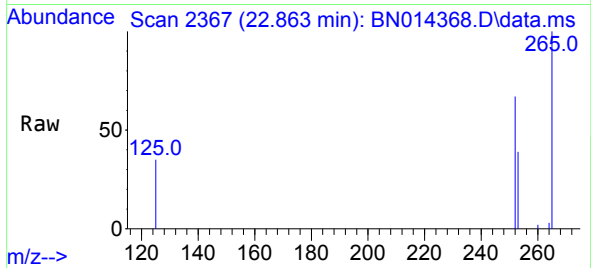




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.863 min Scan# 2367
Delta R.T. -0.000 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

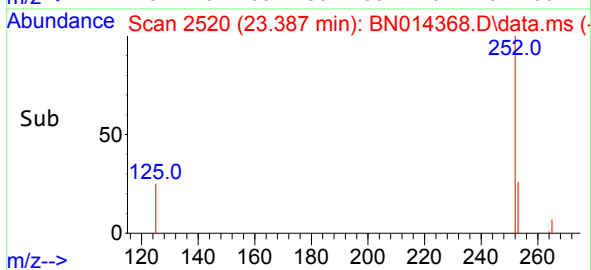
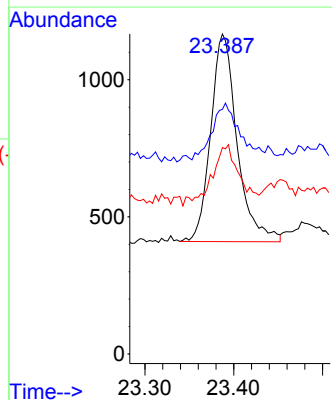
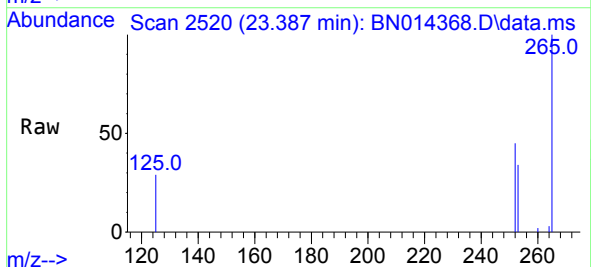
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-98-100

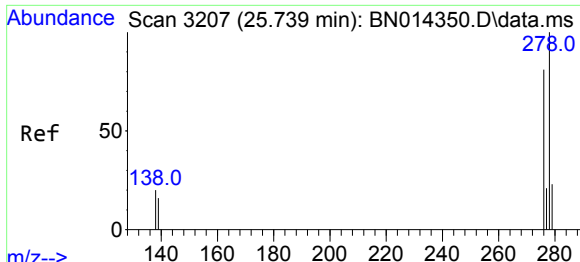
Tgt Ion:252 Resp: 2233
Ion Ratio Lower Upper
252 100
253 58.6 19.3 28.9#
125 52.0 9.4 14.2#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.387 min Scan# 2520
Delta R.T. -0.003 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Tgt Ion:252 Resp: 1563
Ion Ratio Lower Upper
252 100
253 76.4 20.7 31.1#
125 64.5 11.8 17.6#





#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.735 min Scan# 3206
Delta R.T. -0.003 min
Lab File: BN014368.D
Acq: 22 Apr 2021 00:01

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-98-100

Tgt Ion:278 Resp: 1619
Ion Ratio Lower Upper
278 100
139 31.9 13.3 19.9#
279 65.4 20.2 30.2#

