

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)

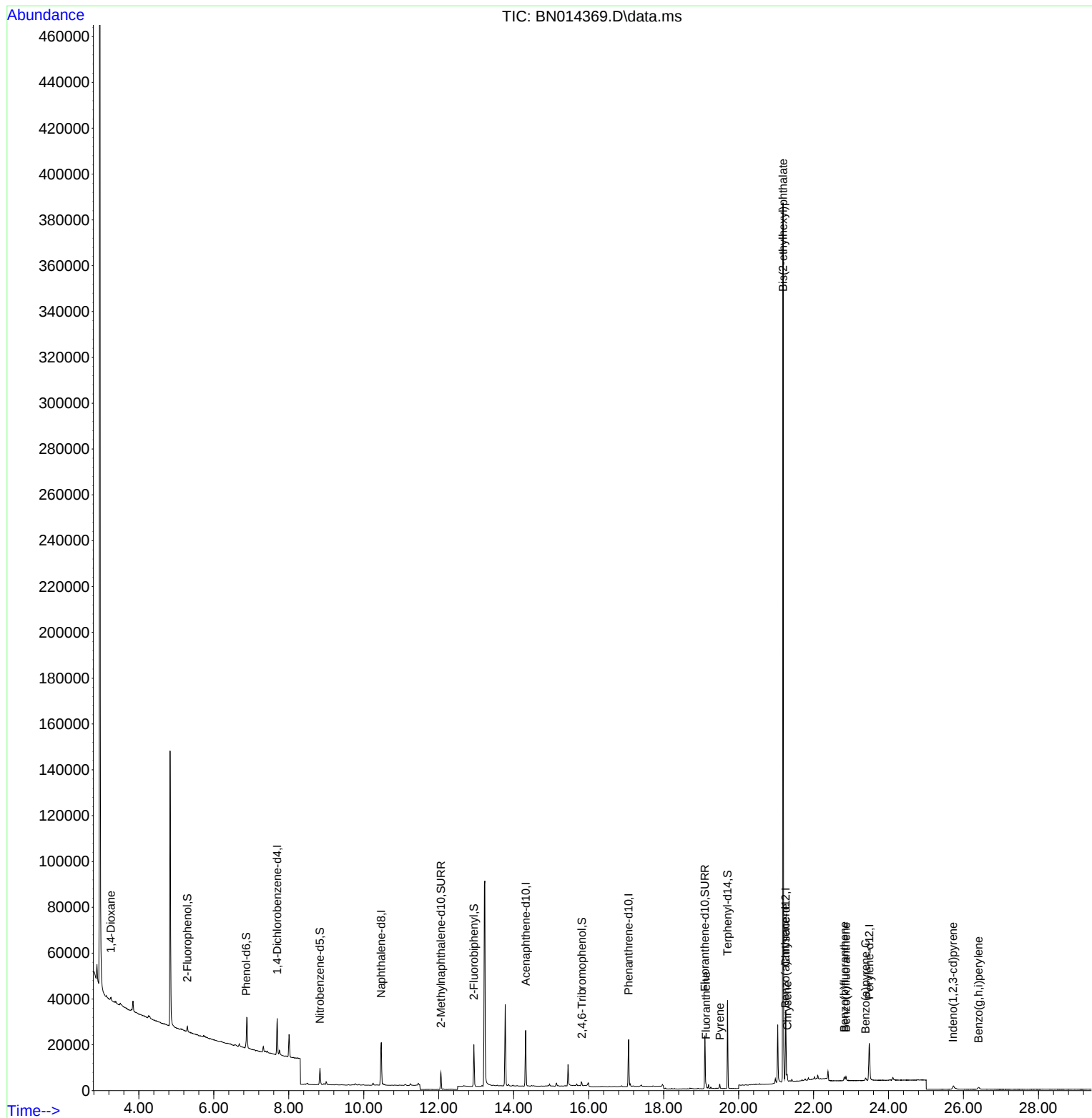
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	7397	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	26518	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	13556	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	27837	0.40	ng	0.00
29) Chrysene-d12	21.258	240	27281	0.40	ng	0.00
36) Perylene-d12	23.486	264	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
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

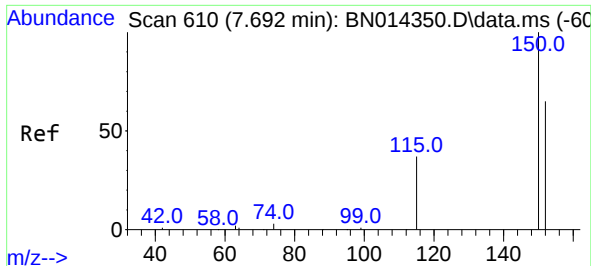
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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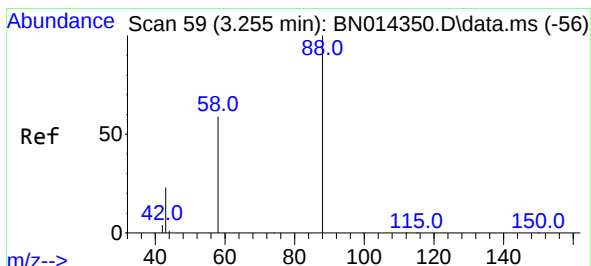
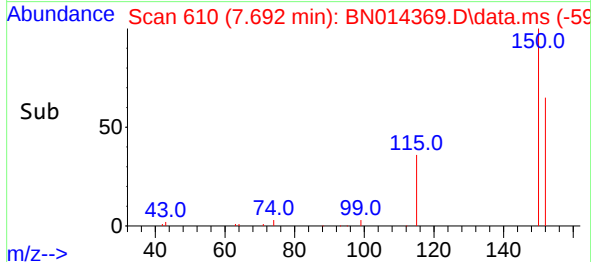
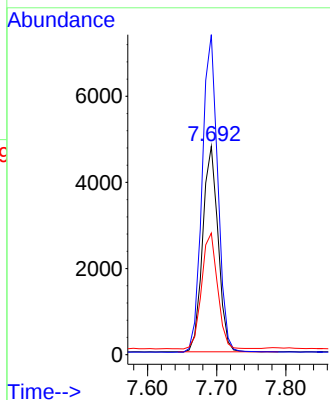
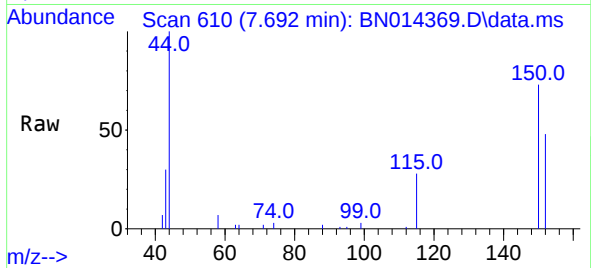


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: BN014369.D
 Acq: 22 Apr 2021 00:37

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

Tgt Ion: 152 Resp: 7397

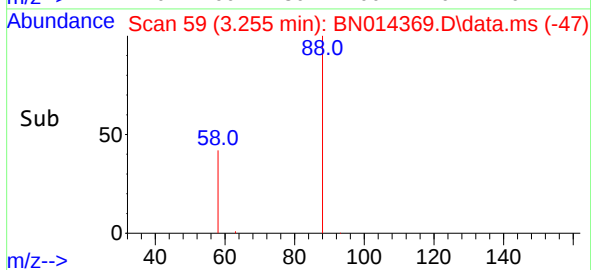
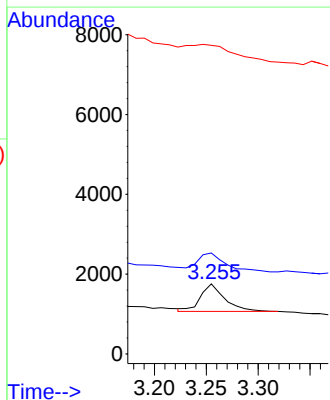
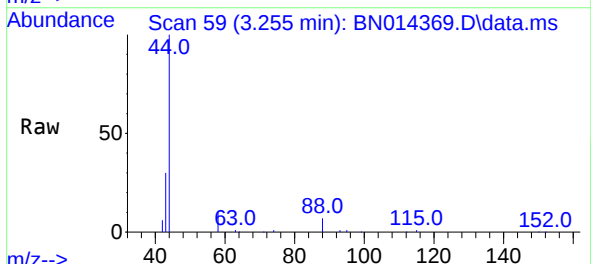
Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.4	185.2
115	58.4	47.5	71.3

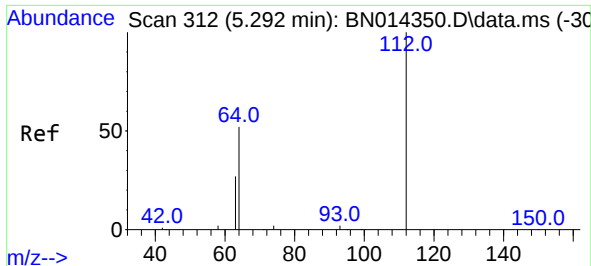


#2
 1,4-Dioxane
 Concen: 0.12 ng
 RT: 3.255 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: BN014369.D
 Acq: 22 Apr 2021 00:37

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#

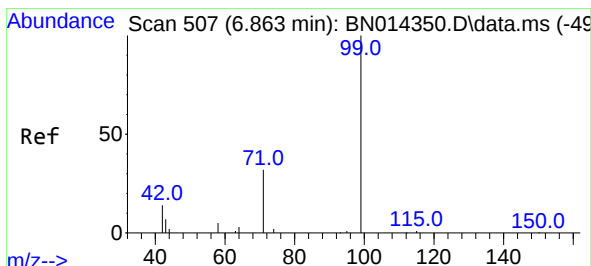
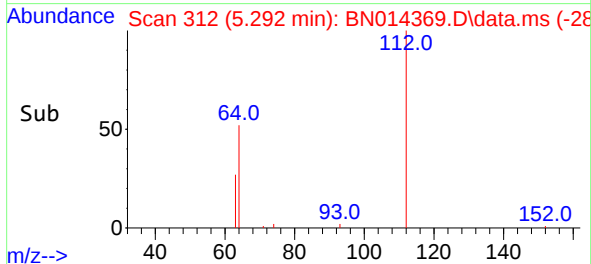
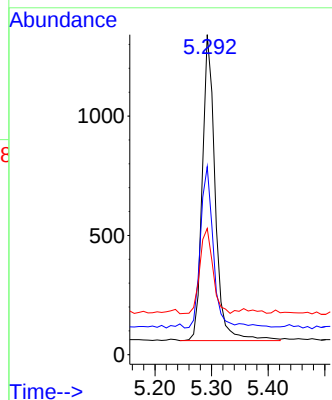
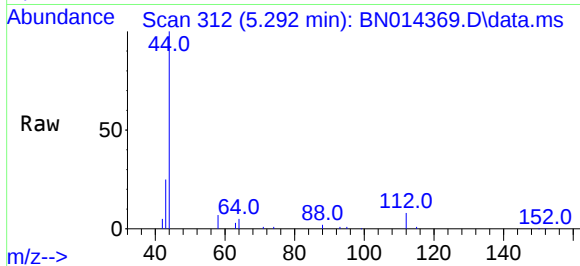




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

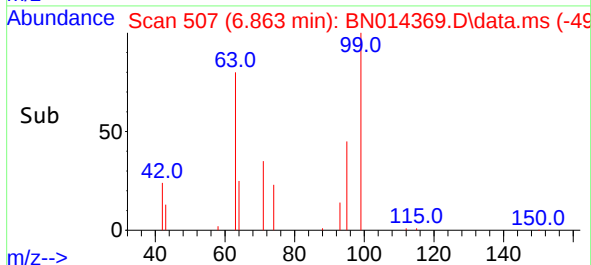
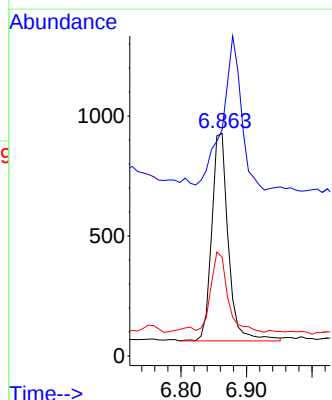
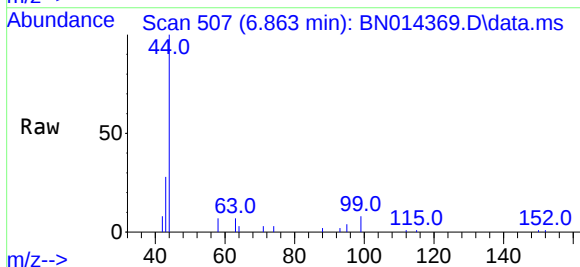
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

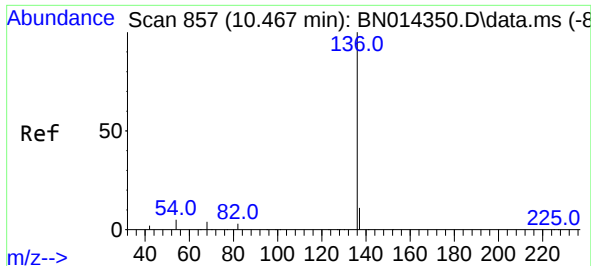
Tgt Ion:	112	Resp:	2025
Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.0	64.6
63	27.7	23.4	35.0



#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

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

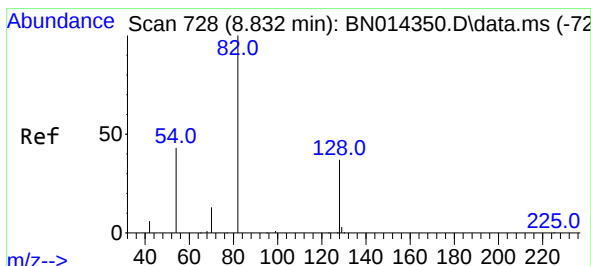
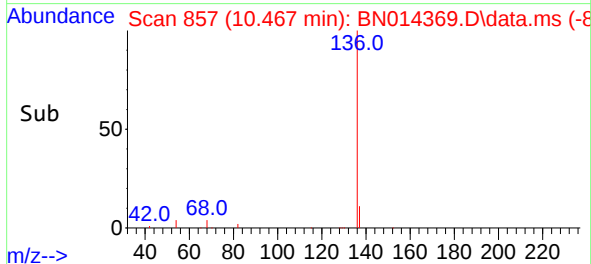
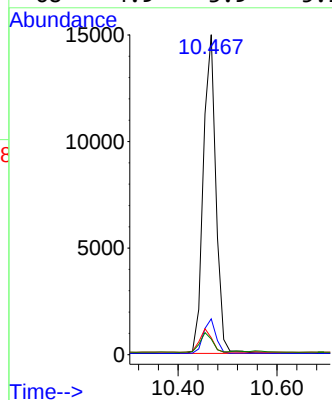
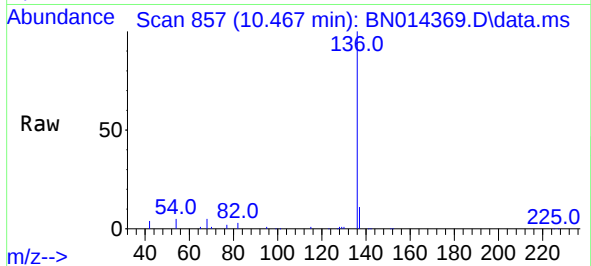




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

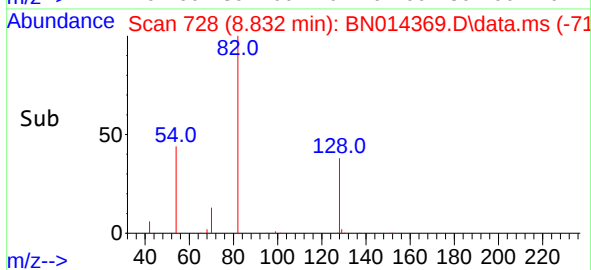
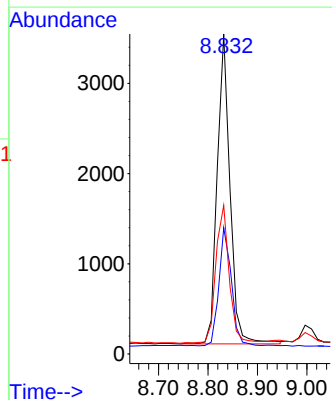
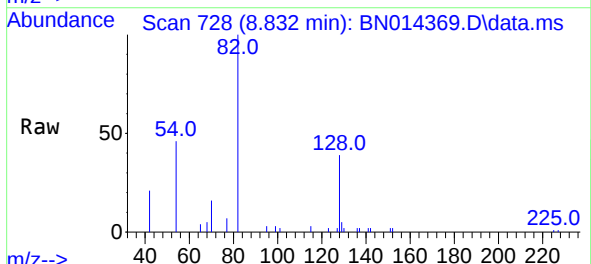
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

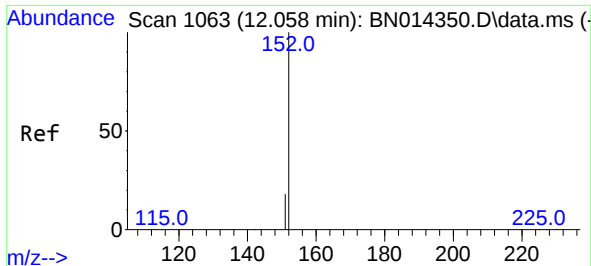
Tgt Ion:	136	Resp:	26518
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.3	4.4	6.6
68	4.9	3.9	5.9



#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

Tgt Ion:	82	Resp:	6140
Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.3	45.5
54	46.4	35.8	53.8

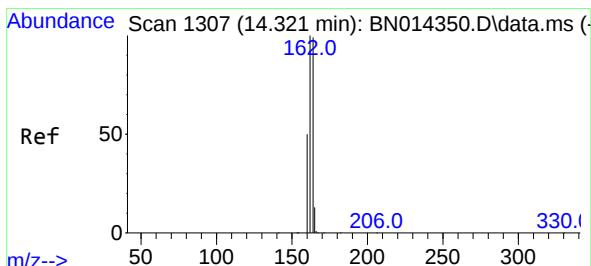
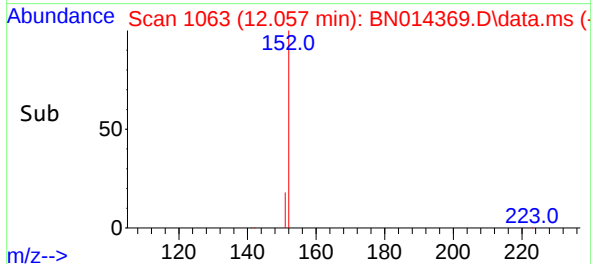
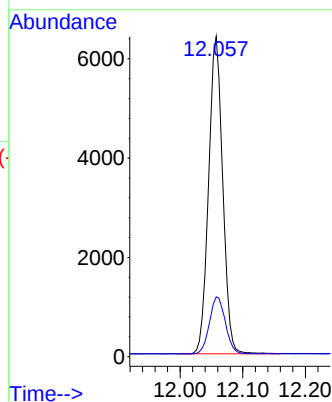
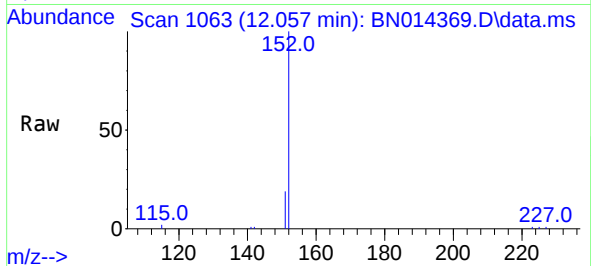




#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

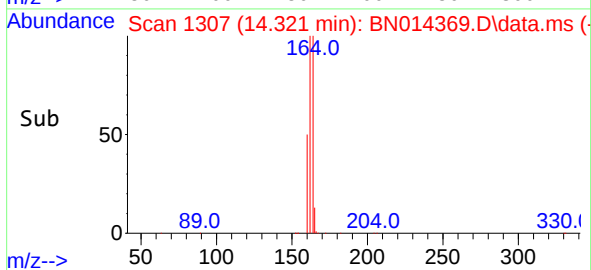
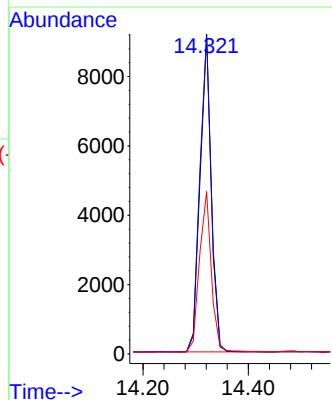
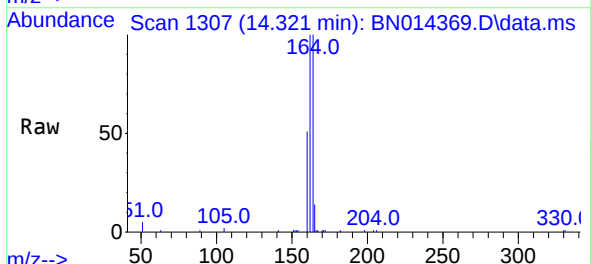
Instrument :
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ClientSampleId :
BP-VPB-RW8-GW-148-150

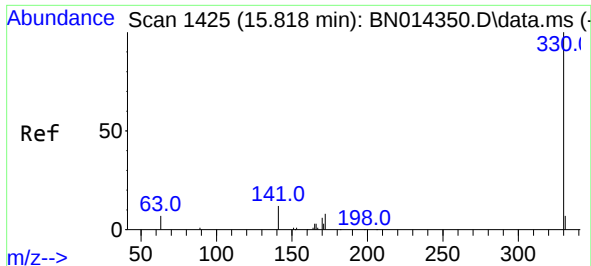
Tgt Ion:152 Resp: 10002
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5



#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

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

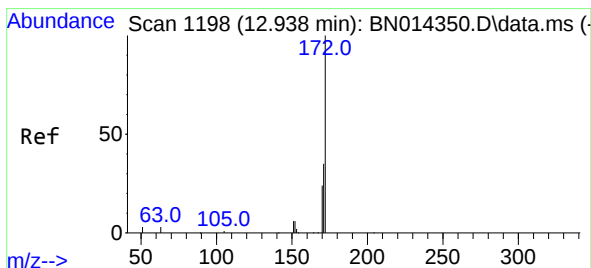
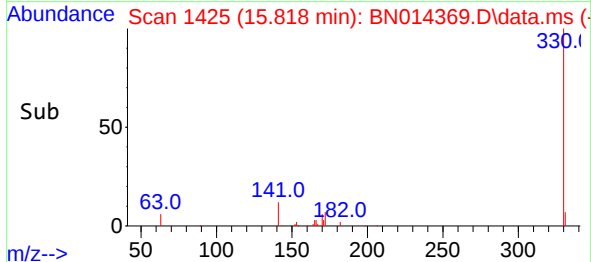
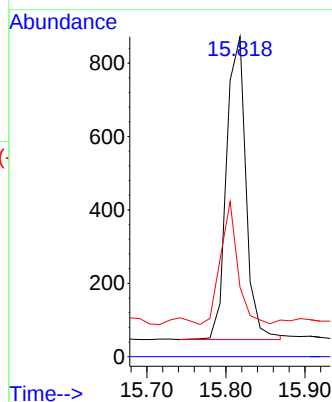
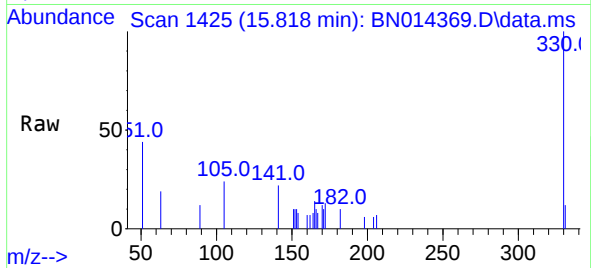




#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

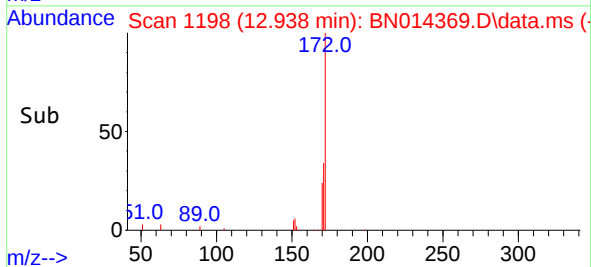
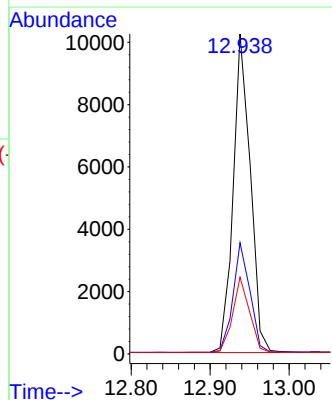
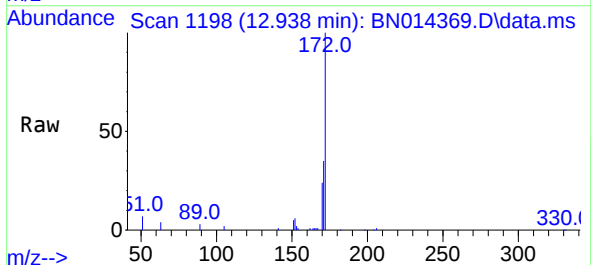
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ClientSampleId :
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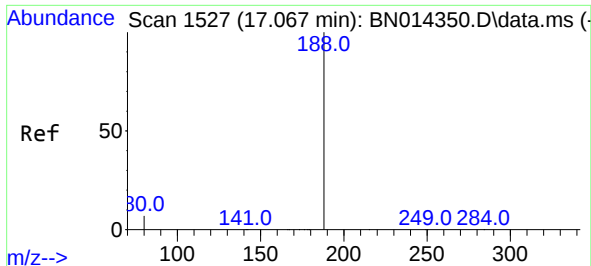
Tgt Ion:330 Resp: 1408
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.2 26.2 39.2



#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

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

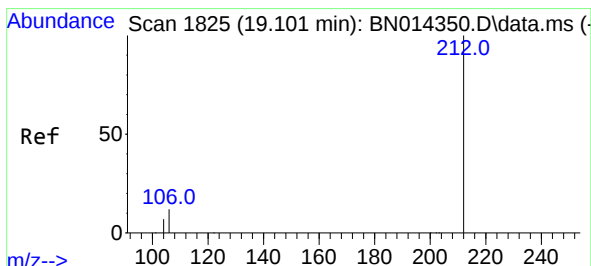
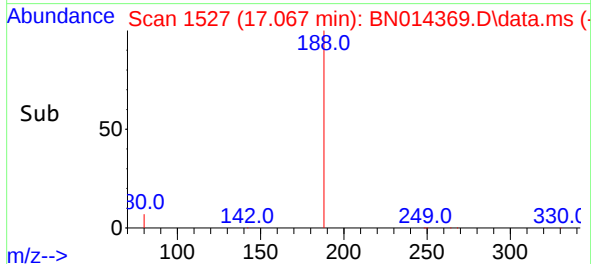
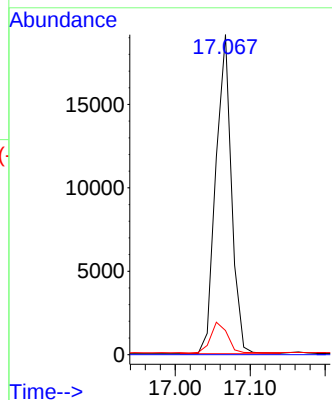
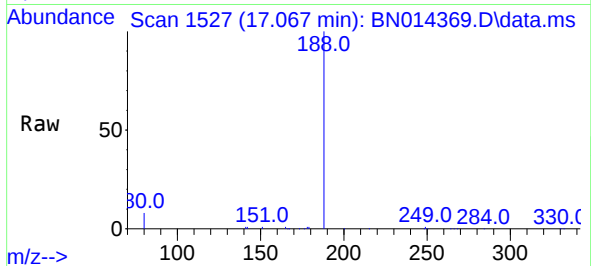




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

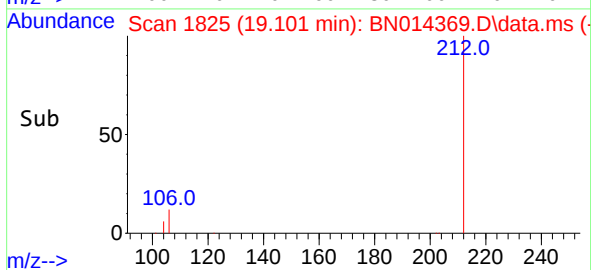
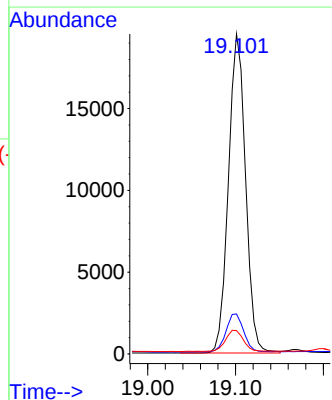
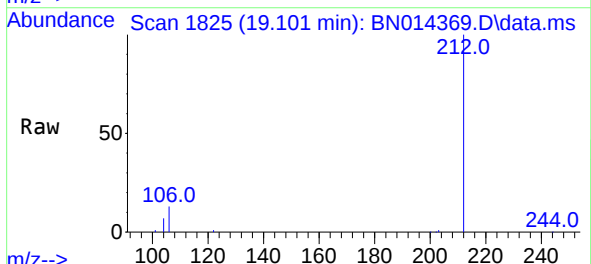
Instrument :
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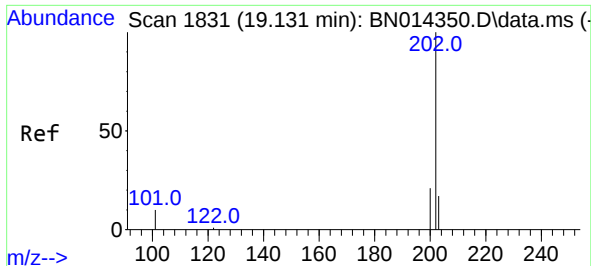
Tgt Ion:188	Resp:	27837
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.6	9.4



#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

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

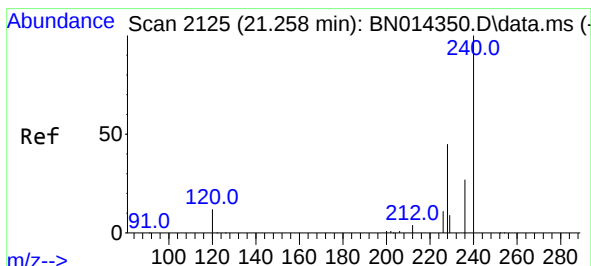
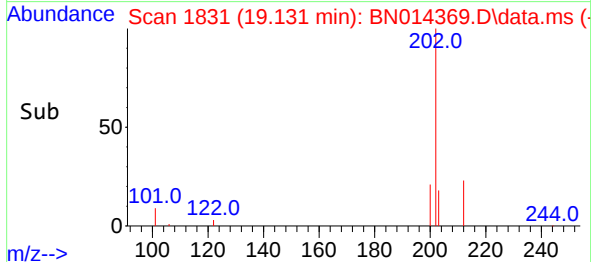
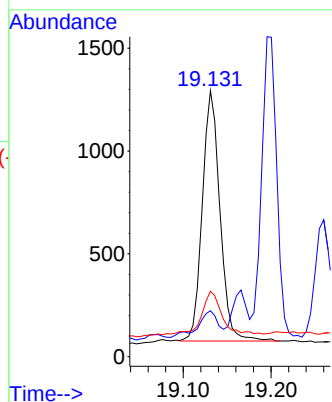
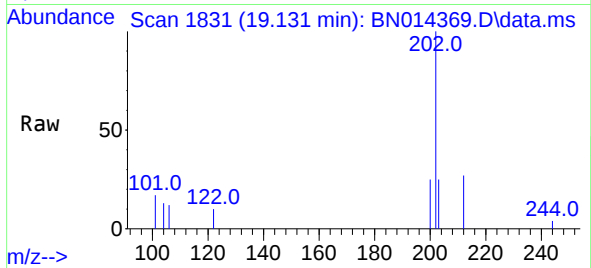




#28
Fluoranthene
Concen: 0.02 ng
RT: 19.131 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

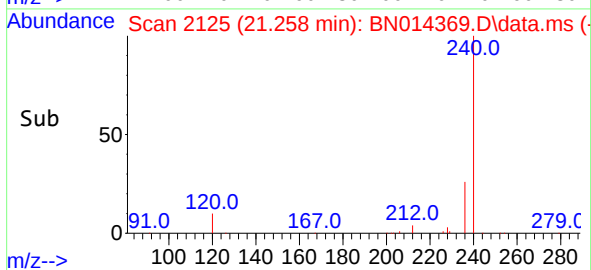
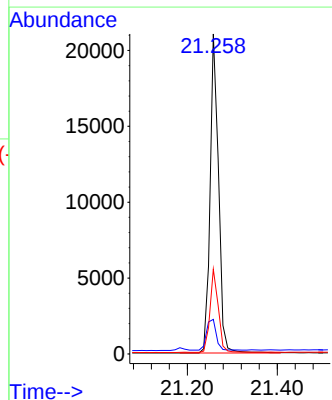
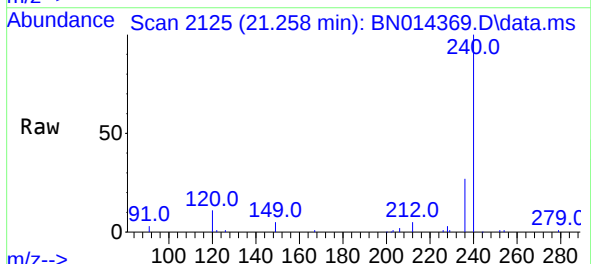
Instrument :
BNA_N
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BP-VPB-RW8-GW-148-150

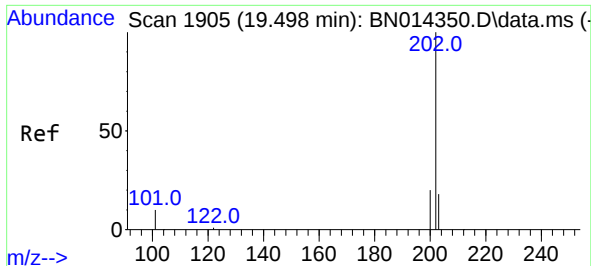
Tgt Ion:202 Resp: 1702
Ion Ratio Lower Upper
202 100
101 11.8 8.2 12.4
203 24.4 13.8 20.6#



#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

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

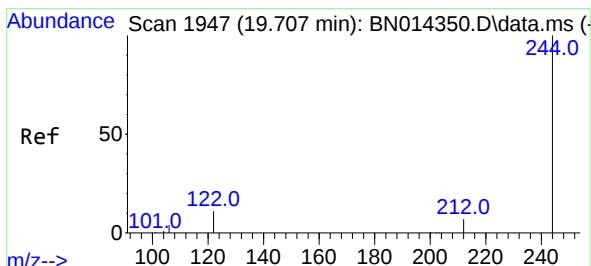
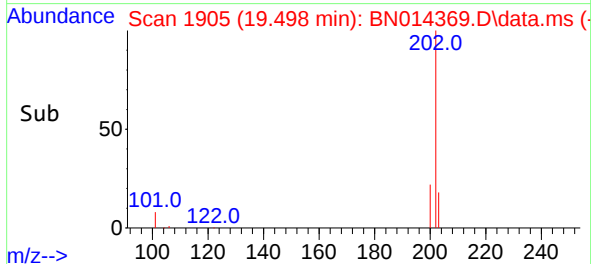
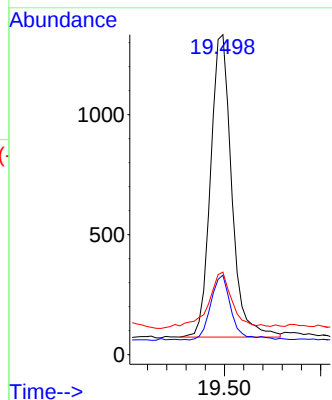
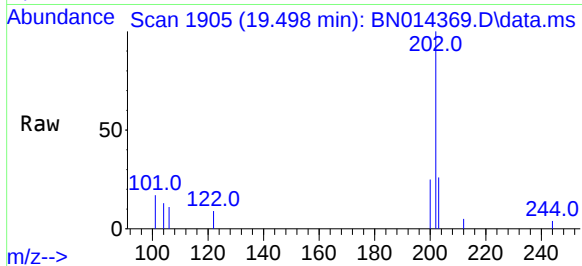




#30
Pyrene
Concen: 0.02 ng
RT: 19.498 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

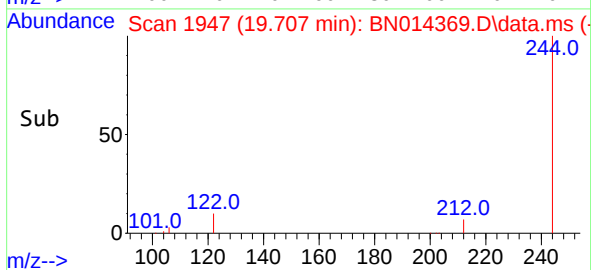
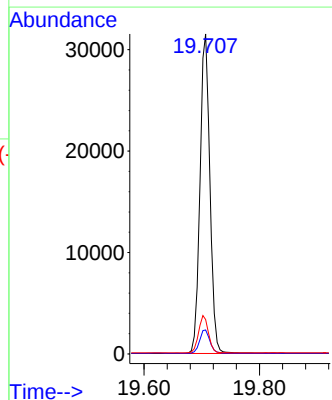
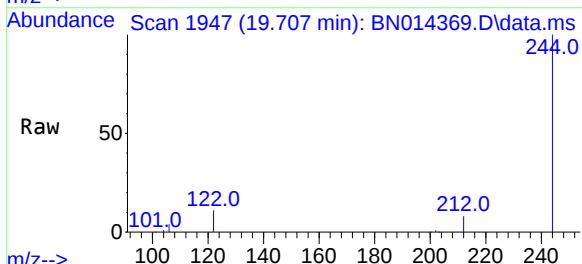
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

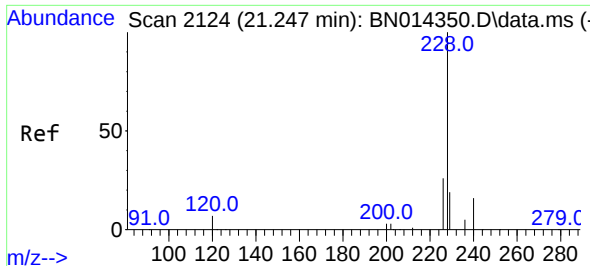
Tgt Ion:202	Resp:	1917
Ion Ratio	Lower	Upper
202	100	
200	21.3	16.6 24.8
203	22.0	14.1 21.1#



#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

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

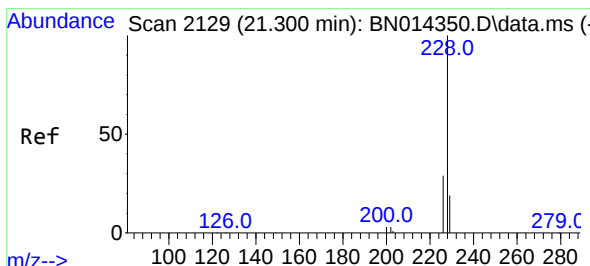
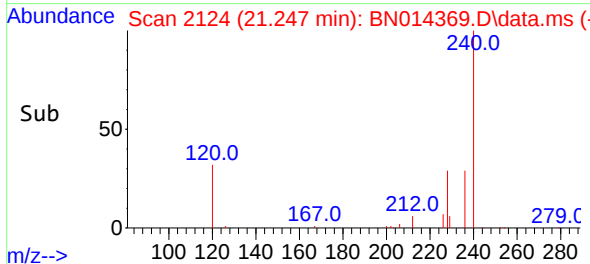
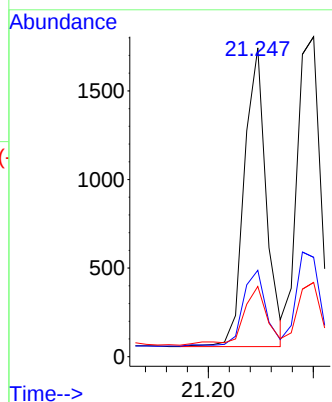
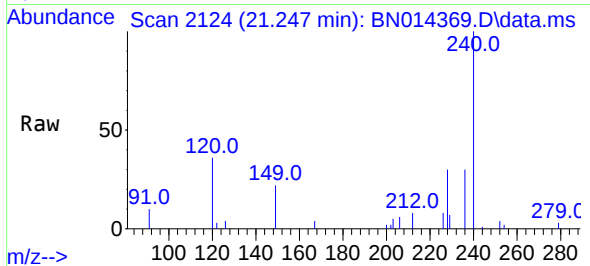




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

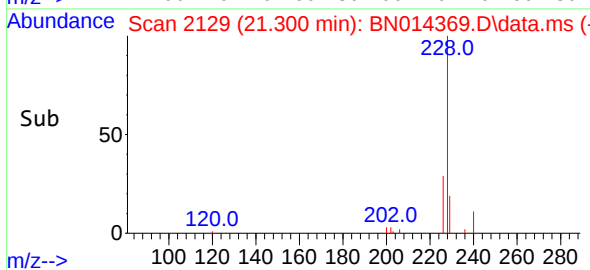
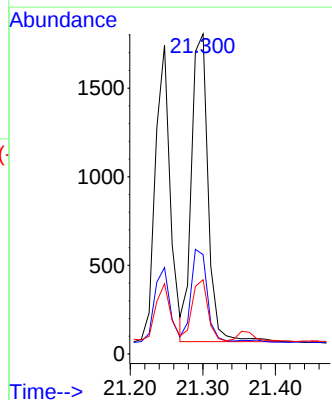
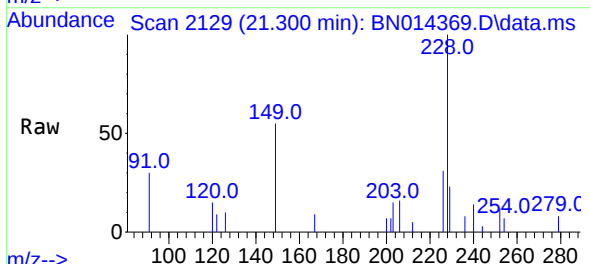
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

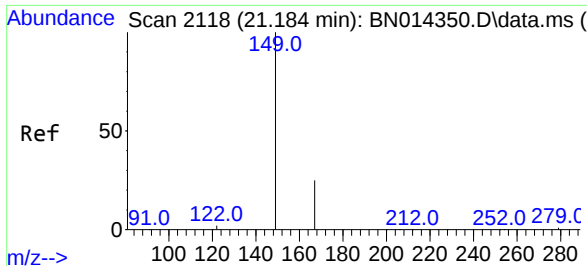
Tgt Ion:228	Resp:	2447
Ion Ratio	Lower	Upper
228	100	
226	28.0	21.3 31.9
229	22.8	15.7 23.5



#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

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

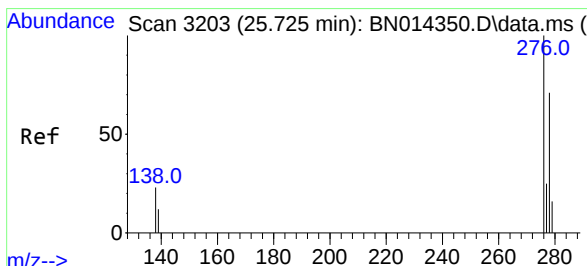
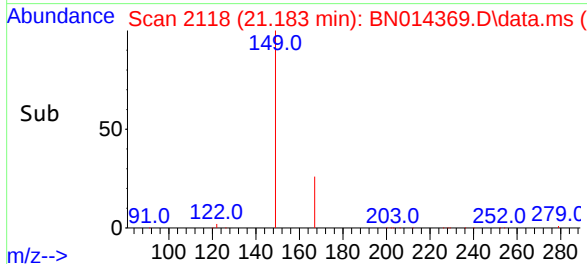
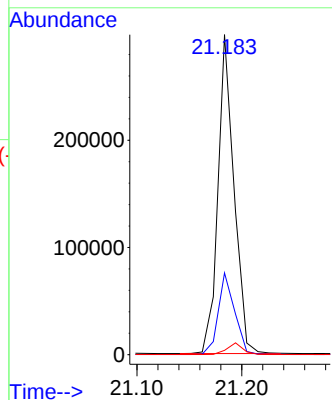
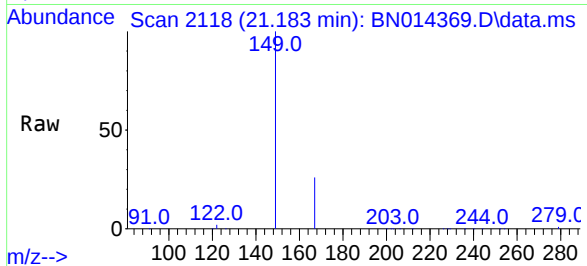




#34
Bis(2-ethylhexyl)phthalate
Concen: 12.41 ng
RT: 21.183 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

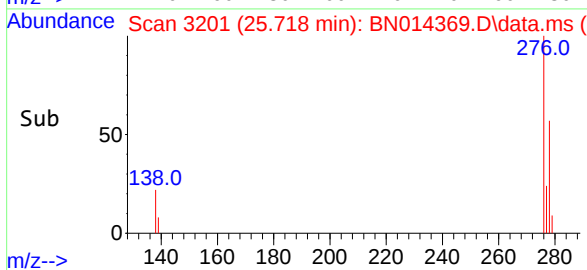
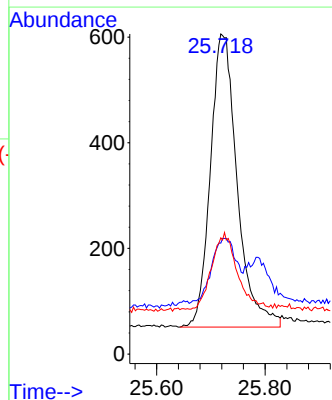
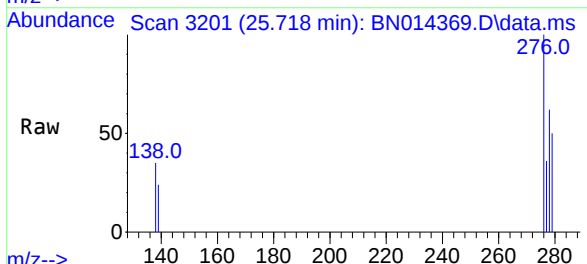
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

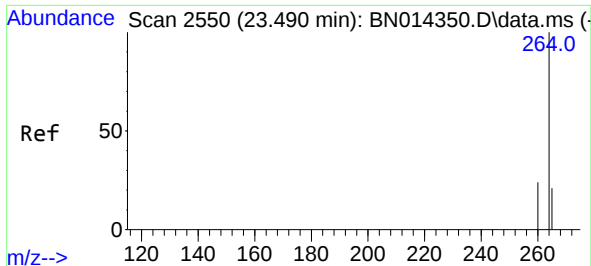
Tgt Ion:149 Resp: 316592
Ion Ratio Lower Upper
149 100
167 26.2 21.3 31.9
279 3.6 3.1 4.7



#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

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

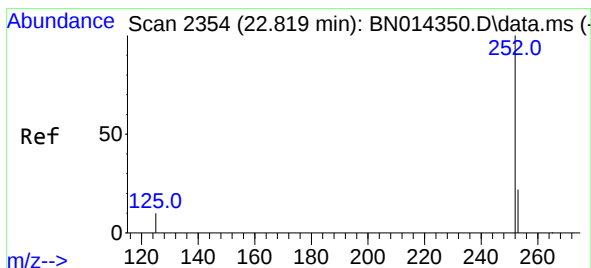
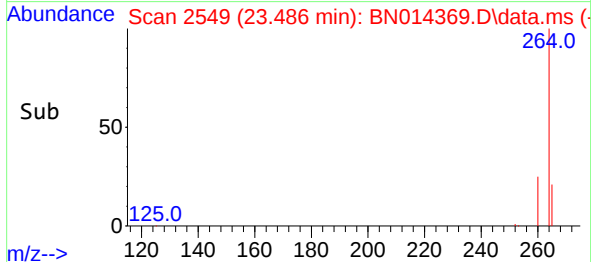
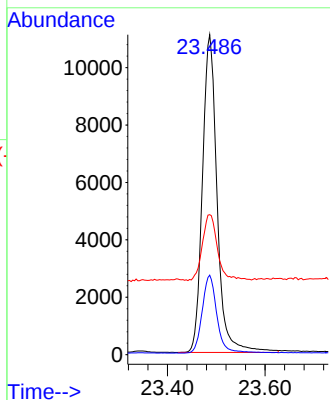
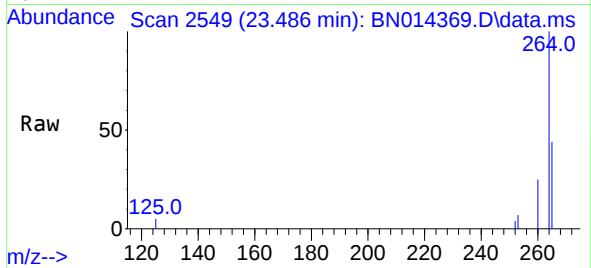




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.486 min Scan# 2549
Delta R.T. -0.004 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

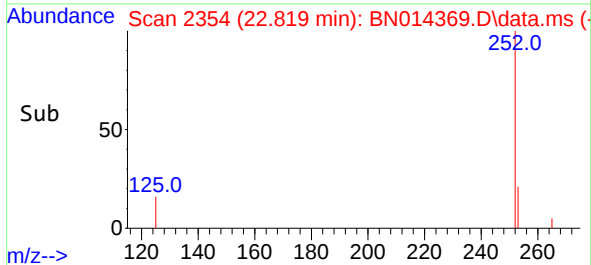
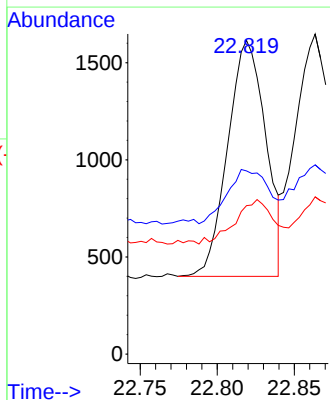
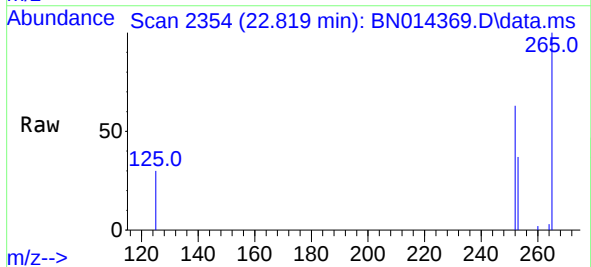
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

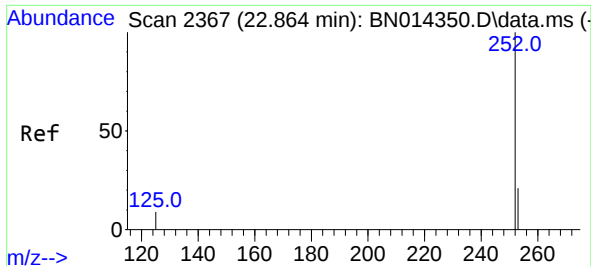
Tgt Ion:264	Resp:	23072
Ion Ratio	Lower	Upper
264	100	
260	24.9	19.8 29.6
265	43.7	34.4 51.6



#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

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#

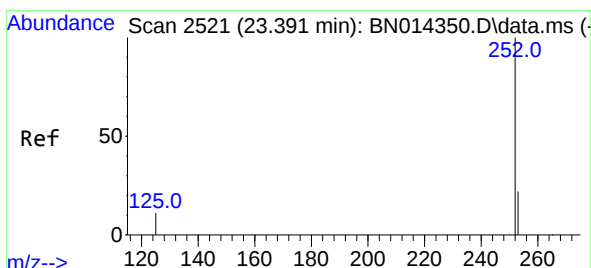
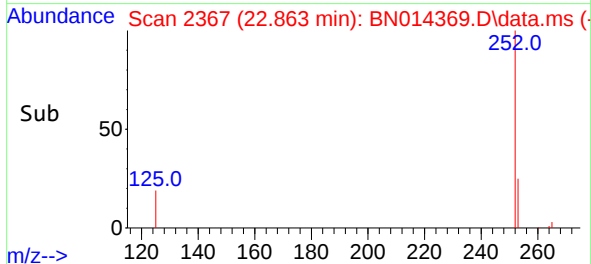
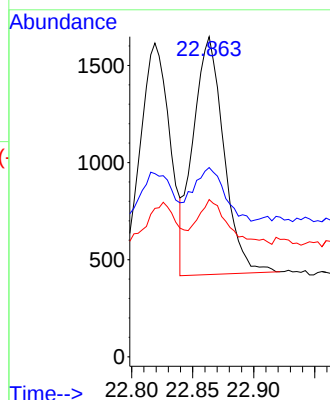
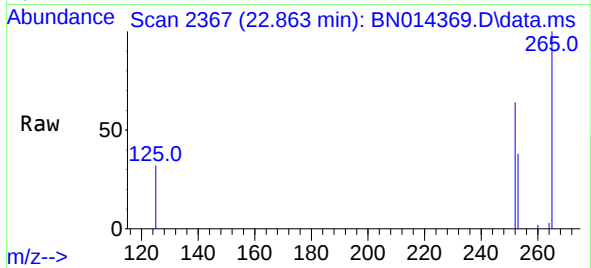




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.863 min Scan# 2367
Delta R.T. -0.000 min
Lab File: BN014369.D
Acq: 22 Apr 2021 00:37

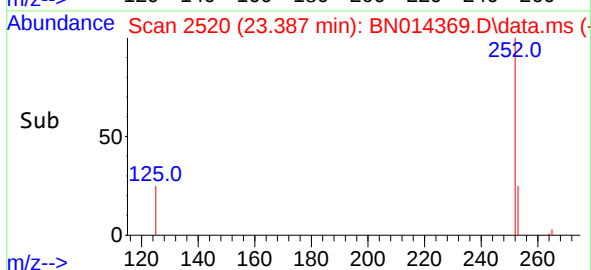
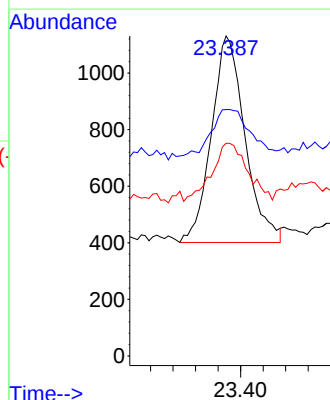
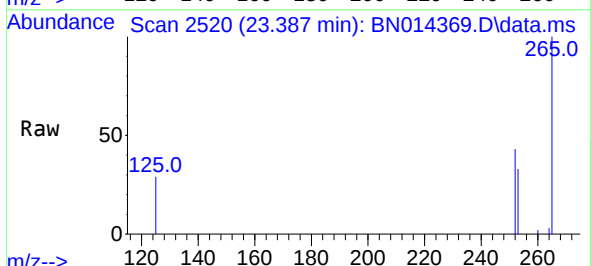
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-148-150

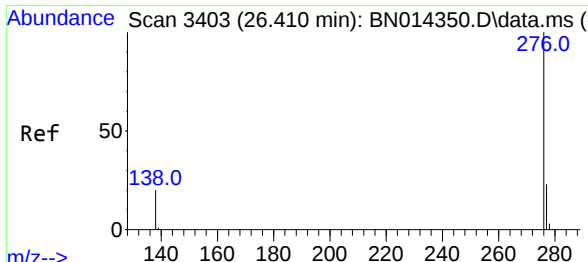
Tgt Ion:252 Resp: 2141
Ion Ratio Lower Upper
252 100
253 59.1 19.3 28.9#
125 49.1 9.4 14.2#



#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

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

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#

