

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041921\
 Data File : BN014325.D
 Acq On : 19 Apr 2021 12:55
 Operator : CG/JU
 Sample : M2061-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-225-250-041521DL

Quant Time: Apr 19 13:27:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 19 10:42:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

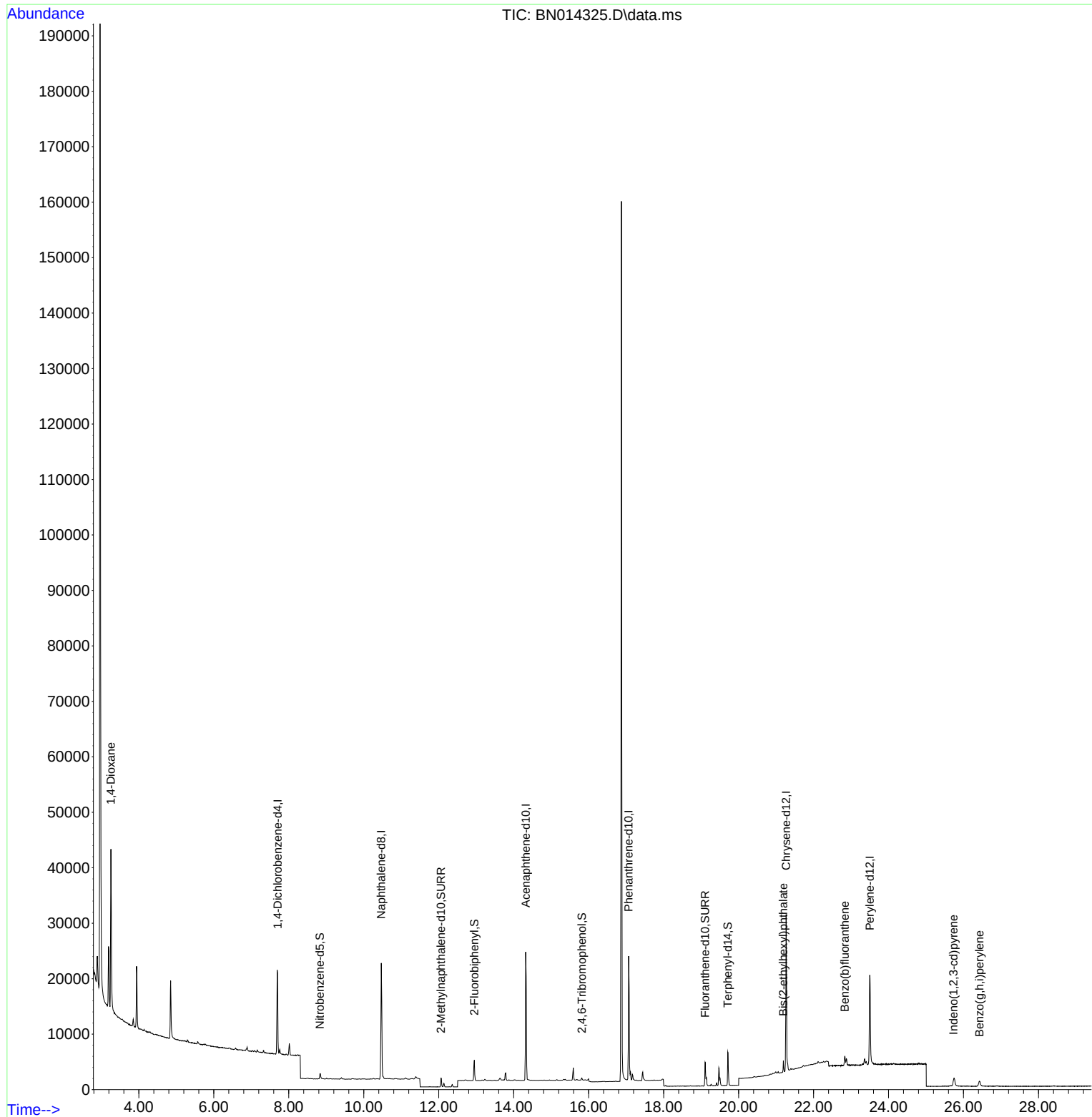
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	7706	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	28182	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	14361	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	31818	0.40	ng	0.00
29) Chrysene-d12	21.269	240	26193	0.40	ng	# 0.00
36) Perylene-d12	23.500	264	22727	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.301	112	299	0.02	ng	0.00
5) Phenol-d6	6.863	99	213	0.01	ng	0.00
8) Nitrobenzene-d5	8.832	82	1008	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.062	152	2174	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	314	0.06	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	3378	0.06	ng	0.00
27) Fluoranthene-d10	19.106	212	5087	0.06	ng	0.00
31) Terphenyl-d14	19.712	244	5943	0.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.255	88	19581	2.00	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.194	149	2008	0.10	ng	97
35) Indeno(1,2,3-cd)pyrene	25.735	276	2093	0.02	ng	96
37) Benzo(b)fluoranthene	22.833	252	2265	0.02	ng	# 33
41) Benzo(g,h,i)perylene	26.427	276	2047	0.02	ng	# 77

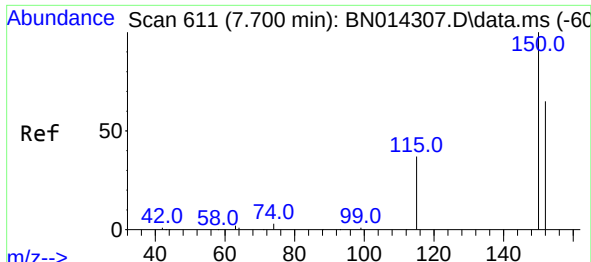
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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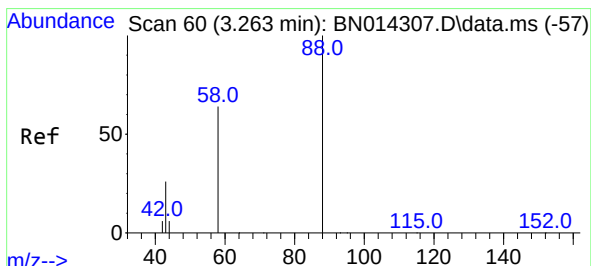
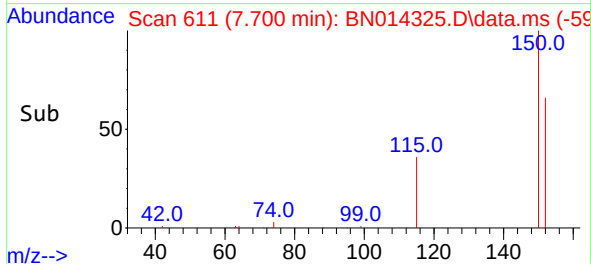
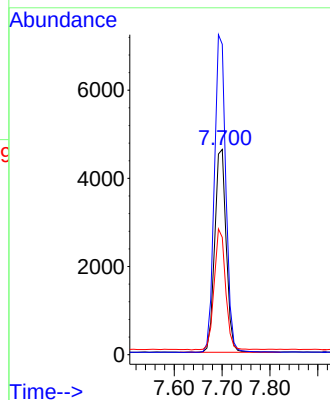
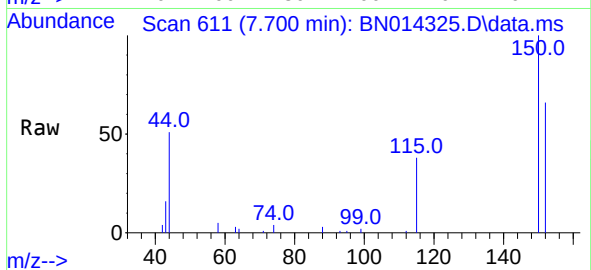


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.008 min
 Lab File: BN014325.D
 Acq: 19 Apr 2021 12:55

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-225-250-041521DL

Tgt Ion: 152 Resp: 7706

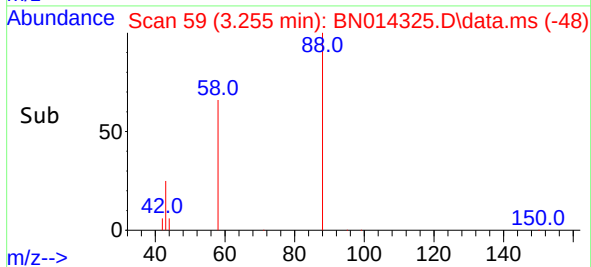
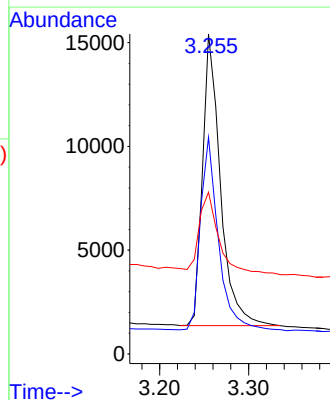
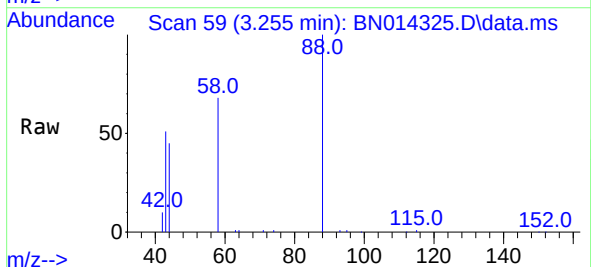
Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.0	184.4
115	57.1	47.6	71.4

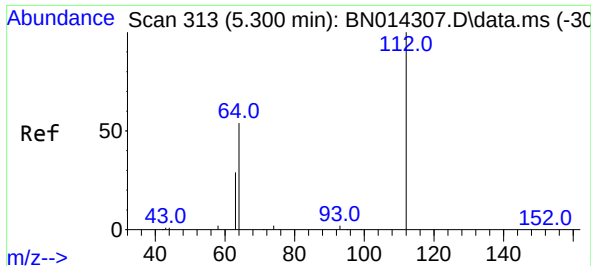


#2
 1,4-Dioxane
 Concen: 2.00 ng
 RT: 3.255 min Scan# 59
 Delta R.T. -0.008 min
 Lab File: BN014325.D
 Acq: 19 Apr 2021 12:55

Tgt Ion: 88 Resp: 19581

Ion	Ratio	Lower	Upper
88	100		
58	65.8	47.3	70.9
43	31.3	20.6	31.0

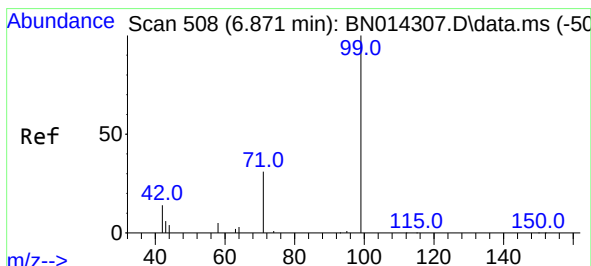
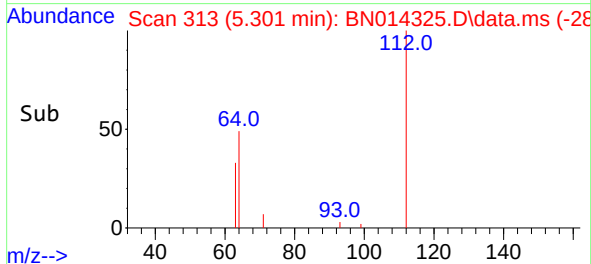
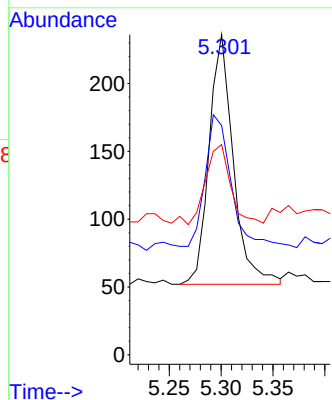
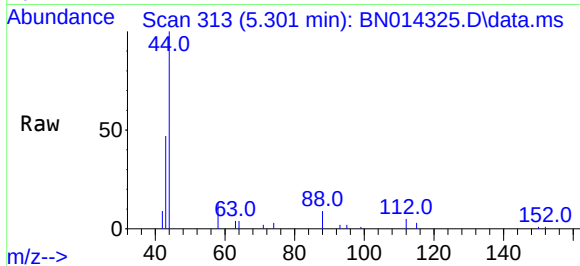




#4
2-Fluorophenol
Concen: 0.02 ng
RT: 5.301 min Scan# 313
Delta R.T. 0.008 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

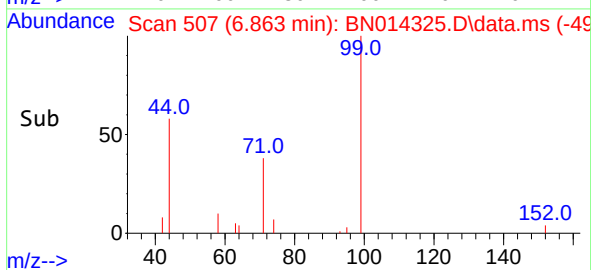
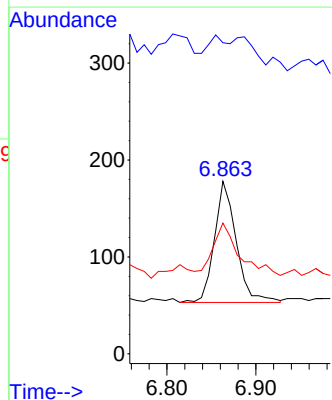
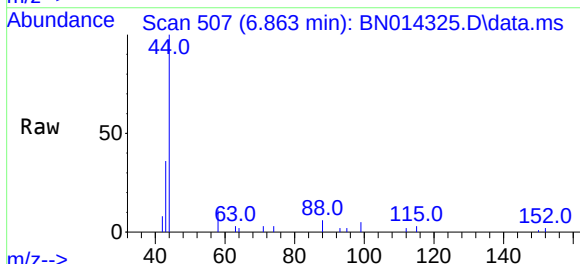
Instrument :
BNA_N
ClientSampleId :
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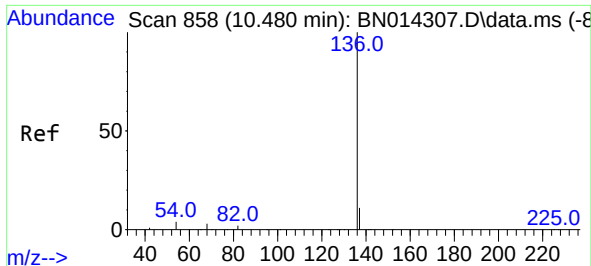
Tgt Ion:112 Resp: 299
Ion Ratio Lower Upper
112 100
64 57.2 43.7 65.5
63 31.8 23.8 35.8



#5
Phenol-d6
Concen: 0.01 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

Tgt Ion: 99 Resp: 213
Ion Ratio Lower Upper
99 100
42 11.3 15.7 23.5#
71 53.5 27.6 41.4#

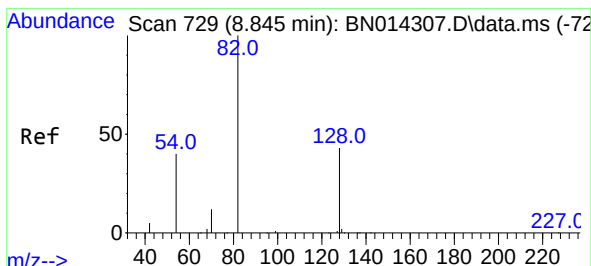
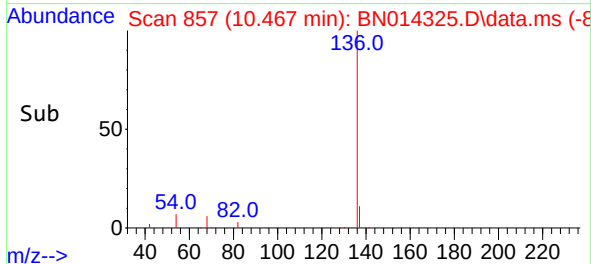
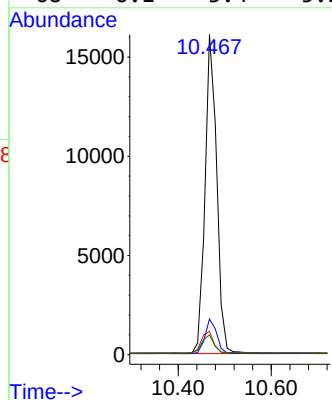
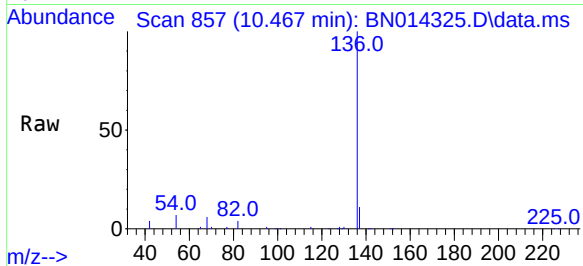




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. 0.000 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

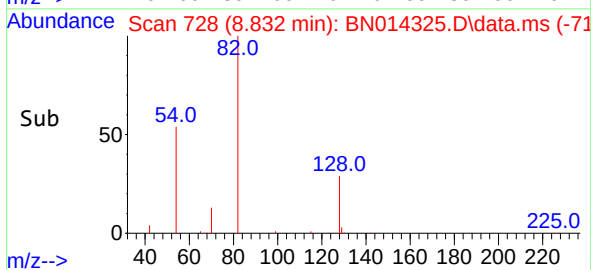
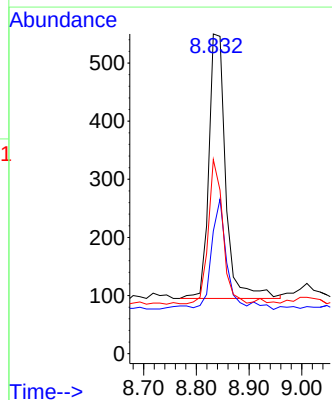
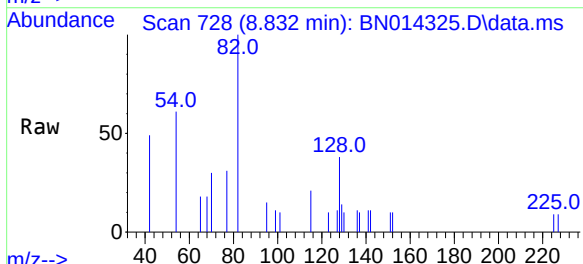
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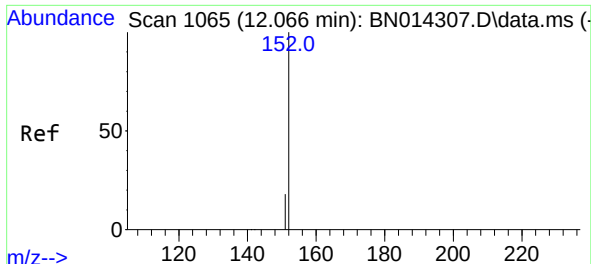
Tgt Ion:	136	Resp:	28182
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	7.3	3.5	5.3#
68	6.1	3.4	5.2#



#8
Nitrobenzene-d5
Concen: 0.06 ng
RT: 8.832 min Scan# 728
Delta R.T. 0.000 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

Tgt Ion:	82	Resp:	1008
Ion Ratio	Lower	Upper	
82	100		
128	38.4	35.3	52.9
54	60.7	33.4	50.2#

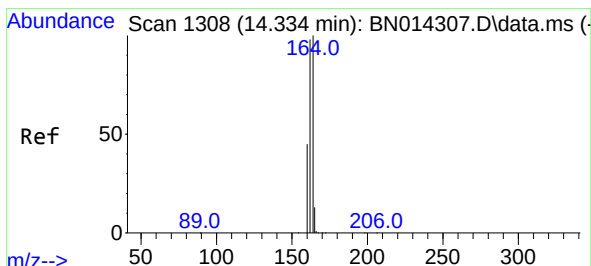
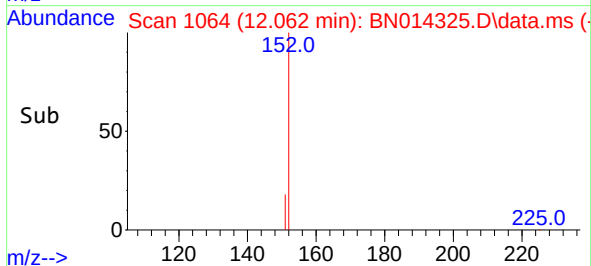
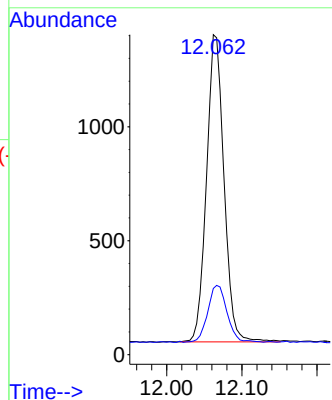
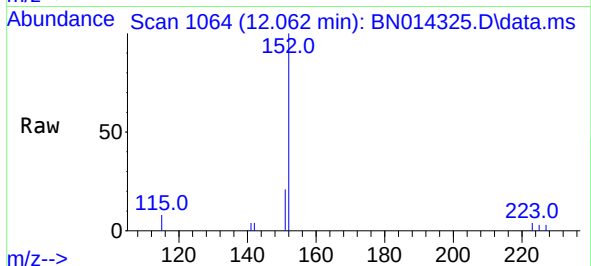




#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 12.062 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

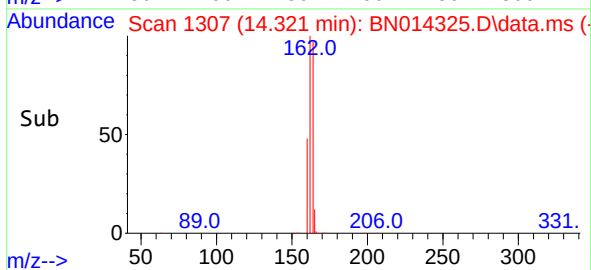
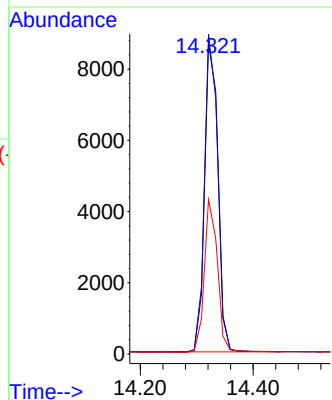
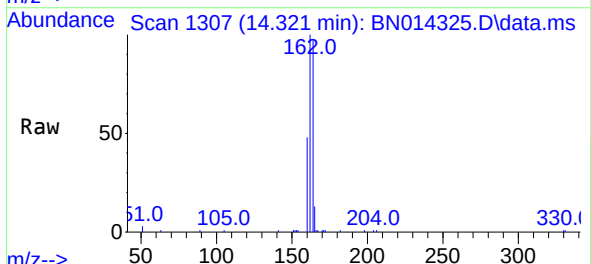
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BNA_N
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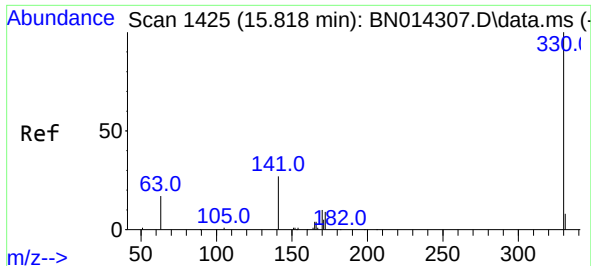
Tgt Ion:152 Resp: 2174
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

Tgt Ion:164 Resp: 14361
Ion Ratio Lower Upper
164 100
162 102.9 78.6 117.8
160 49.6 36.2 54.4

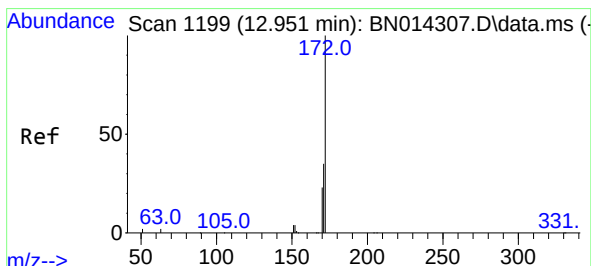
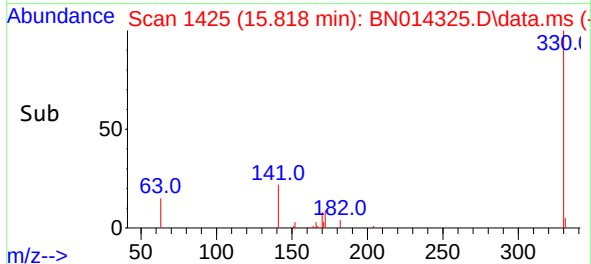
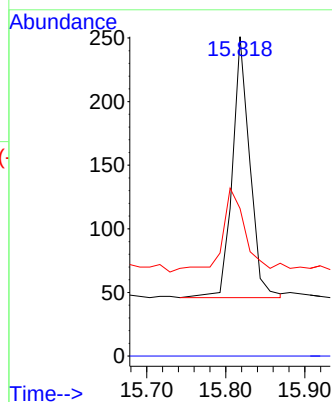
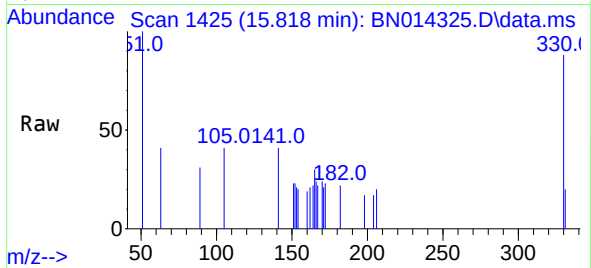




#14
2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

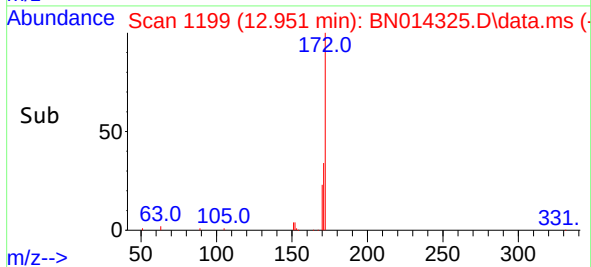
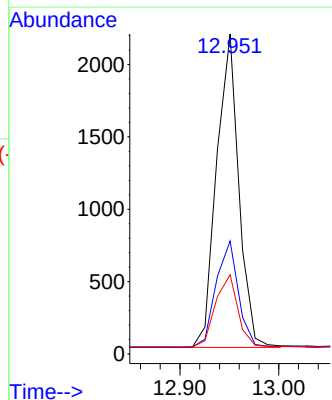
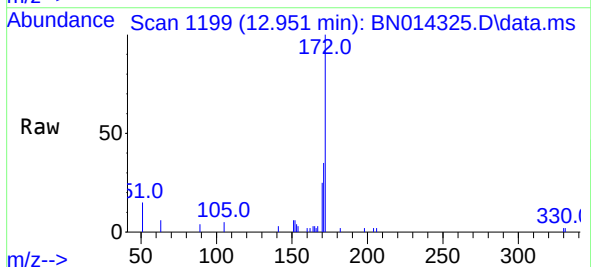
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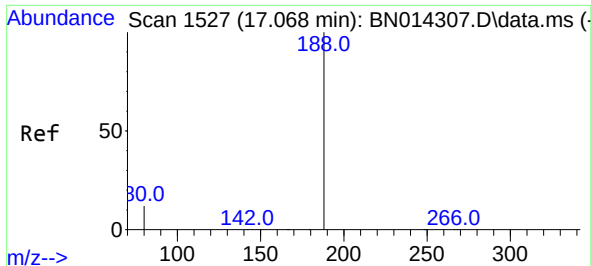
Tgt Ion:	330	Resp:	314
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.0	28.8	43.2



#15
2-Fluorobiphenyl
Concen: 0.06 ng
RT: 12.951 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

Tgt Ion:	172	Resp:	3378
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	24.8	18.8	28.2

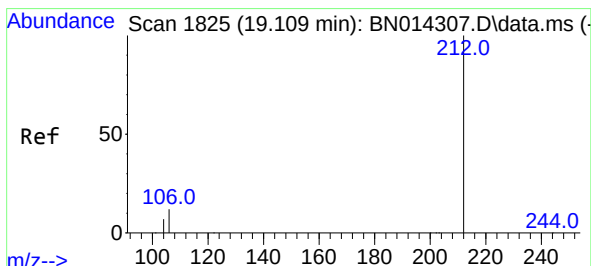
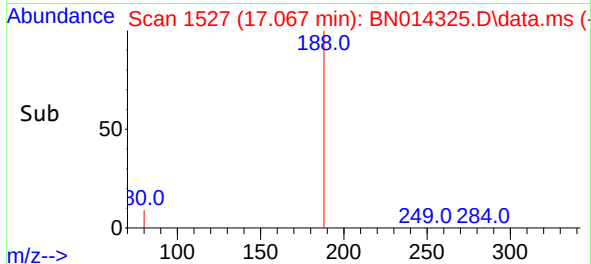
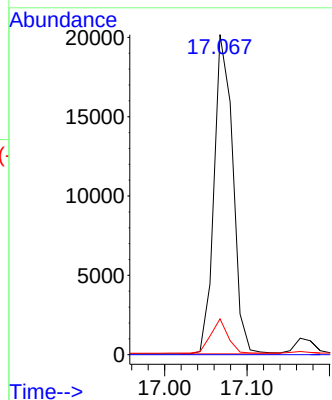
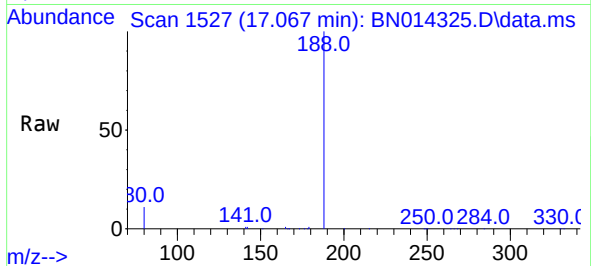




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

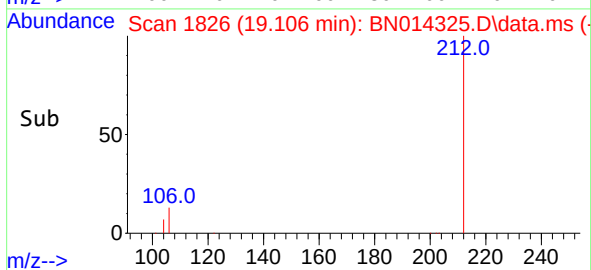
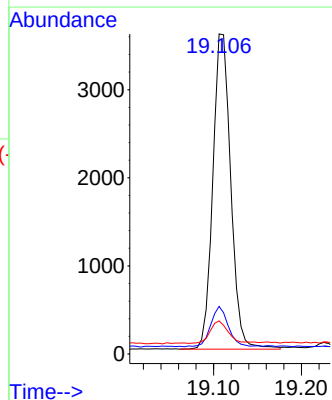
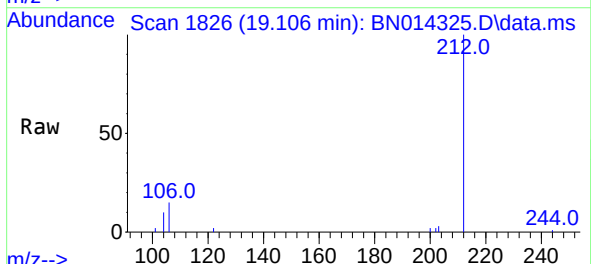
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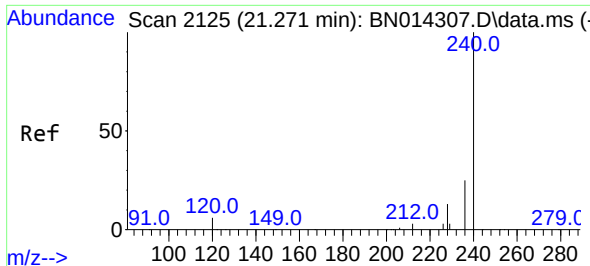
Tgt Ion:188 Resp: 31818
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 10.2 15.4



#27
Fluoranthene-d10
Concen: 0.06 ng
RT: 19.106 min Scan# 1826
Delta R.T. -0.005 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

Tgt Ion:212 Resp: 5087
Ion Ratio Lower Upper
212 100
106 12.4 9.7 14.5
104 7.3 5.5 8.3

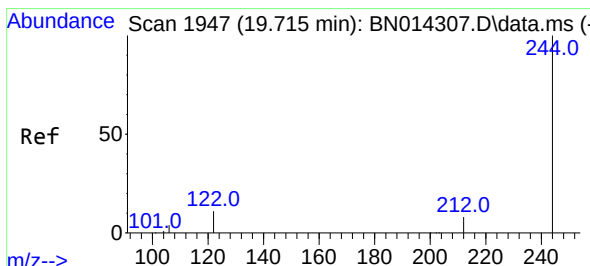
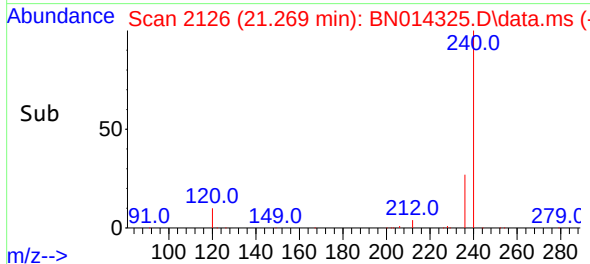
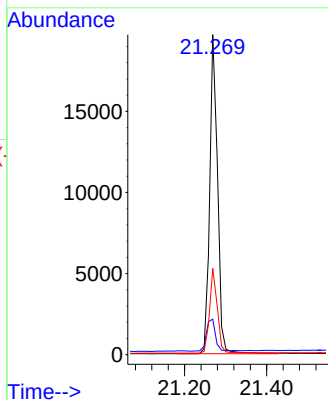
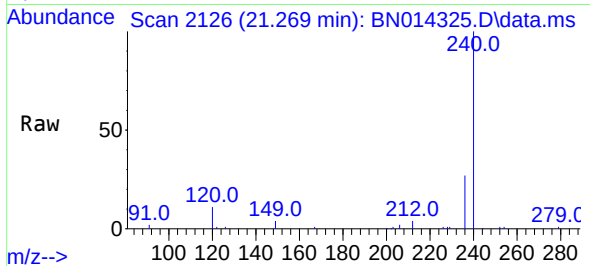




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.269 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

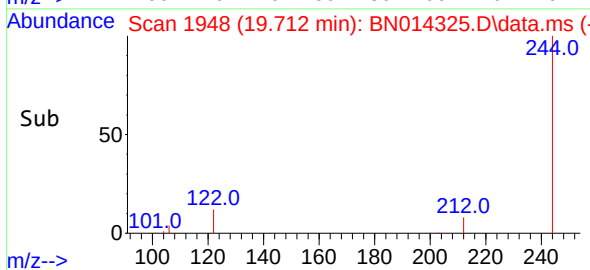
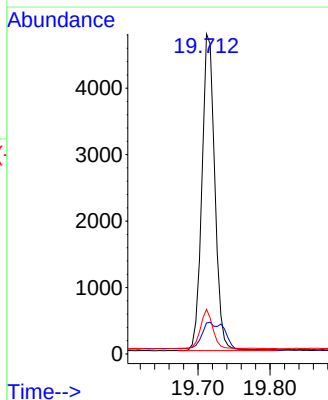
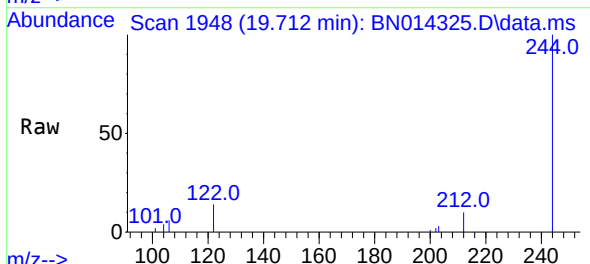
Instrument :
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GWBR3-225-250-041521DL

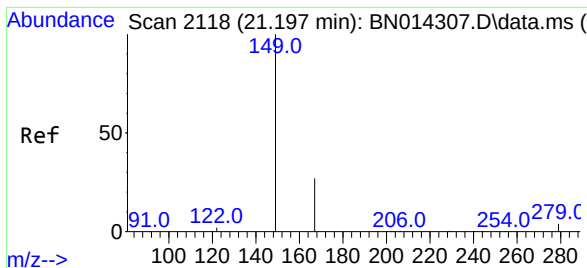
Tgt Ion:240 Resp: 26193
Ion Ratio Lower Upper
240 100
120 11.1 5.4 8.0#
236 26.9 20.4 30.6



#31
Terphenyl-d14
Concen: 0.11 ng
RT: 19.712 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

Tgt Ion:244 Resp: 5943
Ion Ratio Lower Upper
244 100
212 9.7 6.2 9.4#
122 14.0 9.0 13.6#

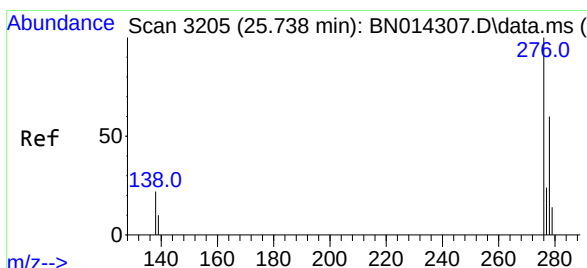
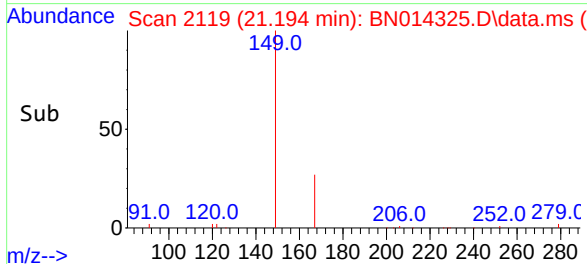
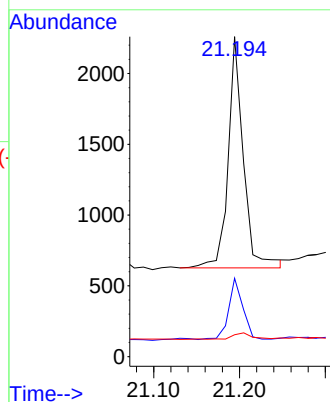
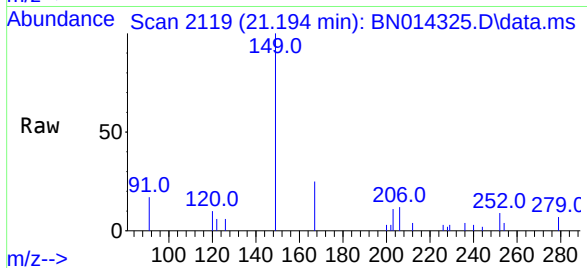




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 21.194 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

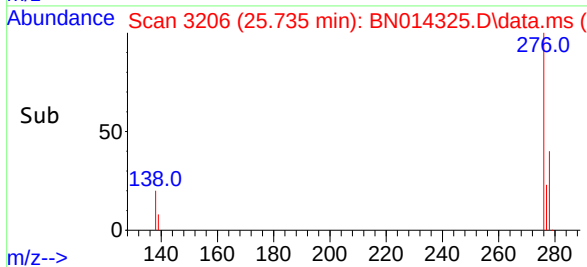
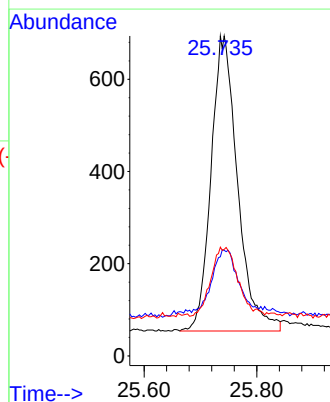
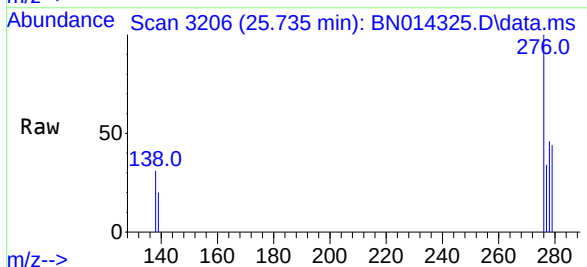
Instrument :
BNA_N
ClientSampleId :
GWBR3-225-250-041521DL

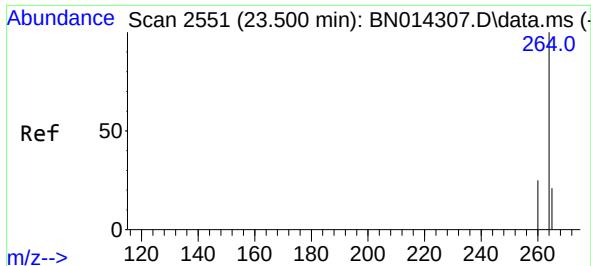
Tgt Ion:149 Resp: 2008
Ion Ratio Lower Upper
149 100
167 24.8 21.0 31.4
279 3.4 3.3 4.9



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.735 min Scan# 3206
Delta R.T. -0.007 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

Tgt Ion:276 Resp: 2093
Ion Ratio Lower Upper
276 100
138 20.4 18.3 27.5
277 23.1 19.9 29.9



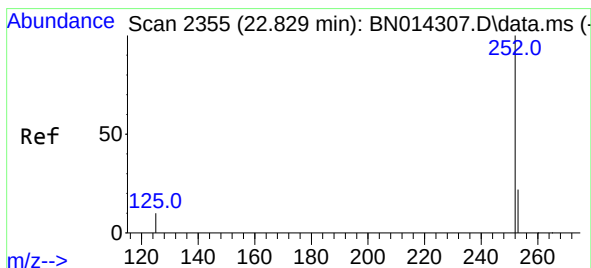
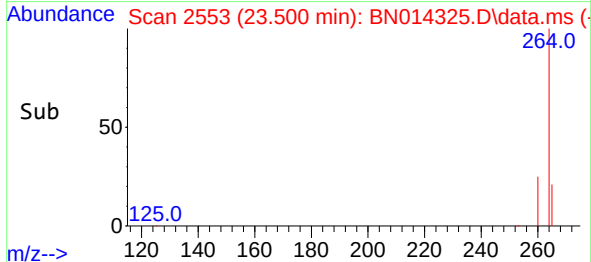
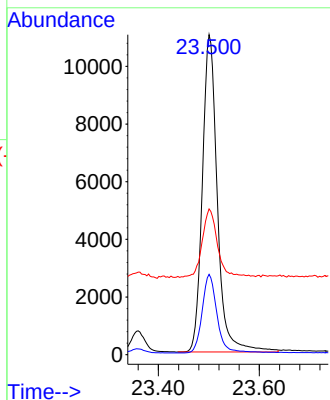
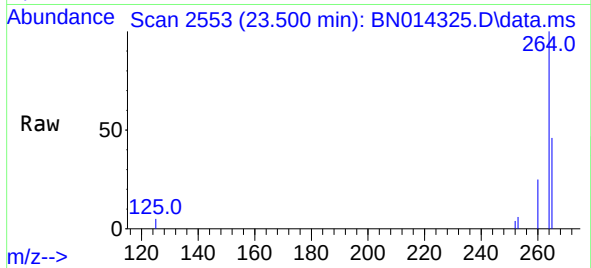


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.500 min Scan# 2553
Delta R.T. 0.000 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

Instrument :
BNA_N
ClientSampleId :
GWBR3-225-250-041521DL

Tgt Ion:264 Resp: 22727

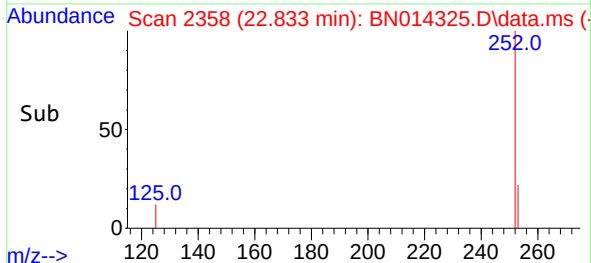
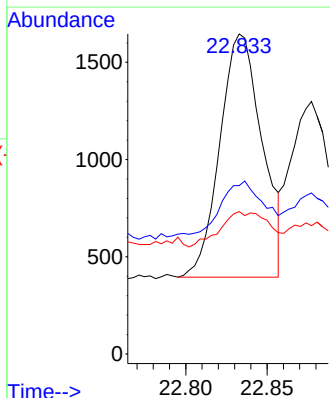
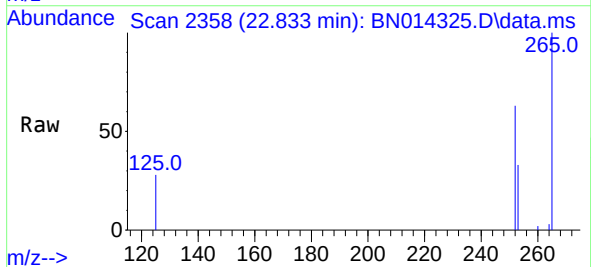
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	45.6	37.8	56.8

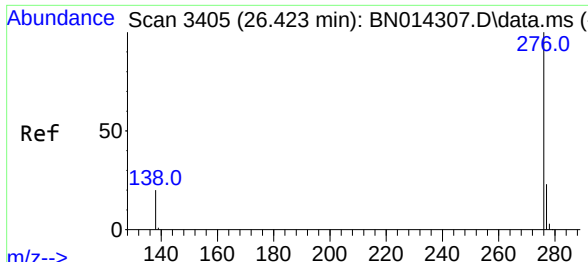


#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.833 min Scan# 2358
Delta R.T. 0.004 min
Lab File: BN014325.D
Acq: 19 Apr 2021 12:55

Tgt Ion:252 Resp: 2265

Ion	Ratio	Lower	Upper
252	100		
253	52.6	19.0	28.6#
125	44.5	9.3	13.9#





#41
 Benzo(g,h,i)perylene
 Concen: 0.02 ng
 RT: 26.427 min Scan# 3408
 Delta R.T. 0.000 min
 Lab File: BN014325.D
 Acq: 19 Apr 2021 12:55

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-225-250-041521DL

Tgt Ion:	276	Resp:	2047
Ion	Ratio	Lower	Upper
276	100		
277	34.9	18.9	28.3#
138	31.7	16.6	24.8#

