

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
 Data File : BN014318.D
 Acq On : 16 Apr 2021 20:12
 Operator : CG/JU
 Sample : M2061-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-041521

Quant Time: Apr 17 02:53:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 16:29:41 2021
 Response via : Initial Calibration

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

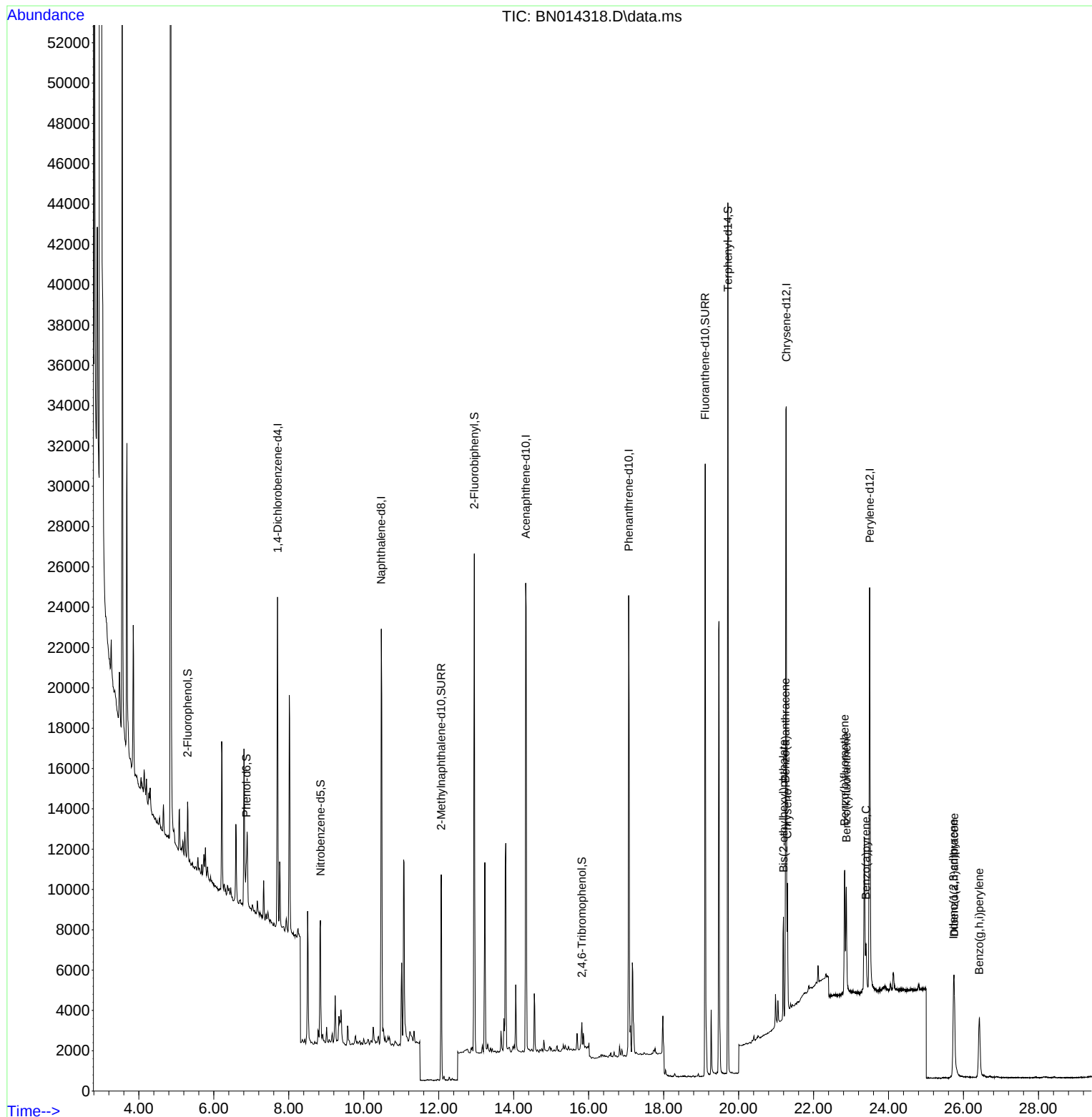
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	7825	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	29185	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	15499	0.40	ng	-0.01
19) Phenanthrene-d10	17.068	188	32093	0.40	ng	0.00
29) Chrysene-d12	21.271	240	31923	0.40	ng	0.00
36) Perylene-d12	23.496	264	27187	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	2211	0.13	ng	0.00
5) Phenol-d6	6.871	99	1567	0.07	ng	0.00
8) Nitrobenzene-d5	8.845	82	5849	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	13711	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1009	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	21101	0.35	ng	0.00
27) Fluoranthene-d10	19.109	212	34836	0.39	ng	0.00
31) Terphenyl-d14	19.715	244	42478	0.63	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.250	228	3844	0.04	ng	96
33) Chrysene	21.303	228	5097	0.05	ng	97
34) Bis(2-ethylhexyl)phtha...	21.197	149	5216	0.22	ng	100
35) Indeno(1,2,3-cd)pyrene	25.735	276	6769	0.05	ng	99
37) Benzo(b)fluoranthene	22.829	252	8109	0.07	ng	# 77
38) Benzo(k)fluoranthene	22.873	252	7284	0.06	ng	# 74
39) Benzo(a)pyrene	23.397	252	2954	0.03	ng	# 34
40) Dibenzo(a,h)anthracene	25.752	278	5351	0.05	ng	# 83
41) Benzo(g,h,i)perylene	26.419	276	6464	0.06	ng	92

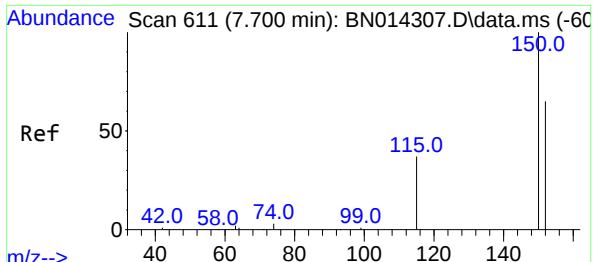
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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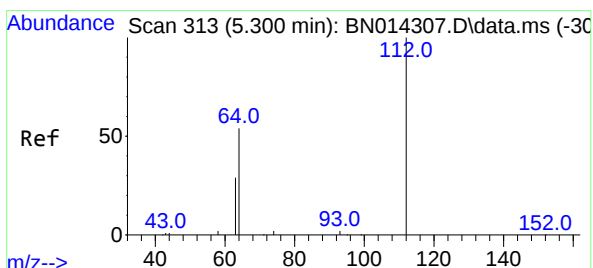
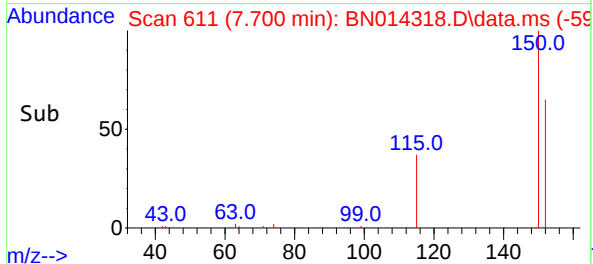
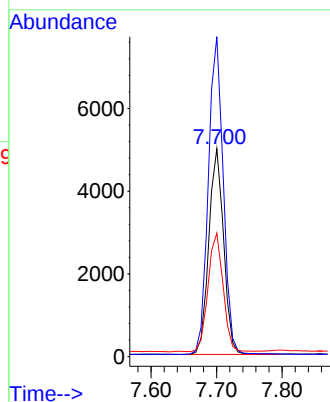
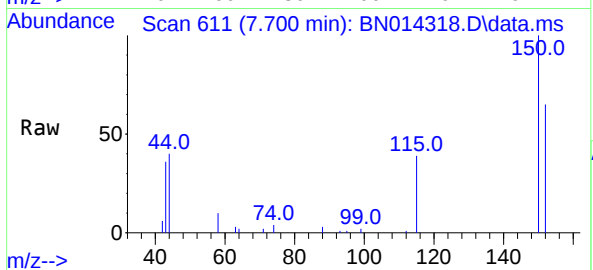




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.700 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

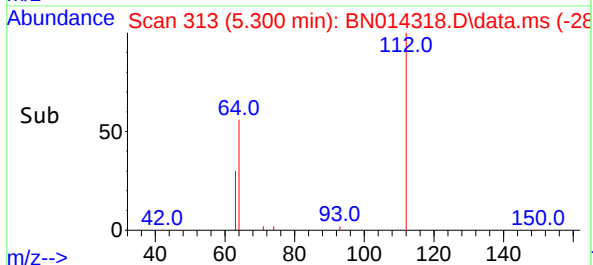
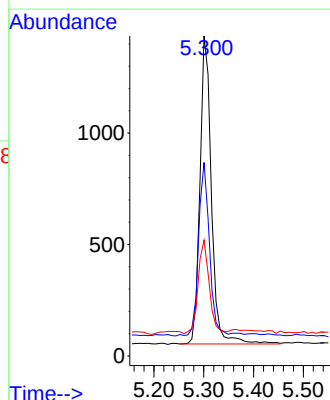
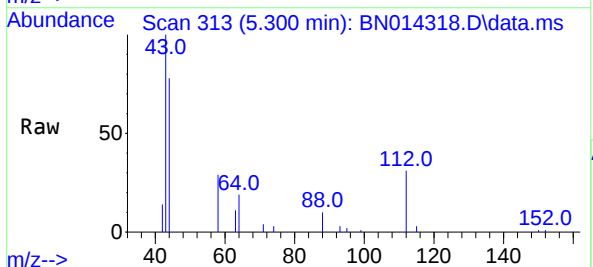
Instrument :
BNA_N
ClientSampleId :
EB-01-041521

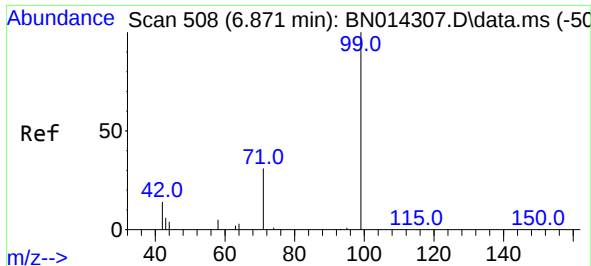
Tgt Ion:152 Resp: 7825
Ion Ratio Lower Upper
152 100
150 153.9 123.0 184.4
115 59.4 47.6 71.4



#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Tgt Ion:112 Resp: 2211
Ion Ratio Lower Upper
112 100
64 53.4 43.7 65.5
63 29.7 23.8 35.8

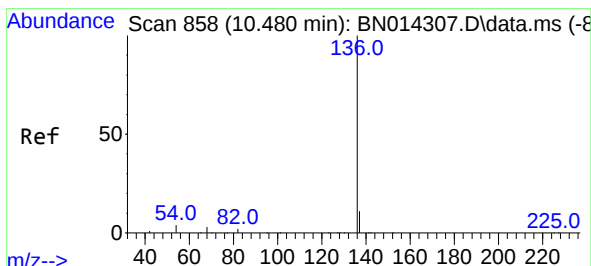
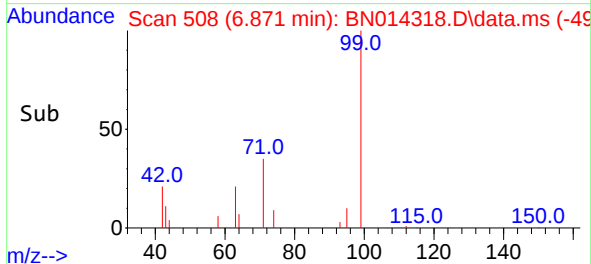
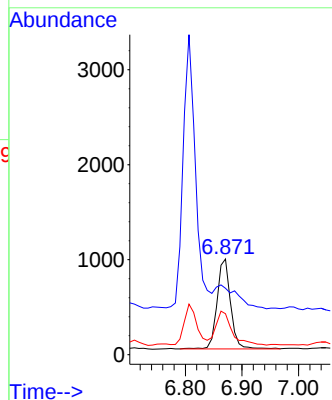
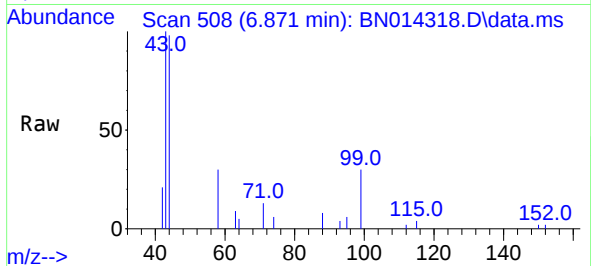




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

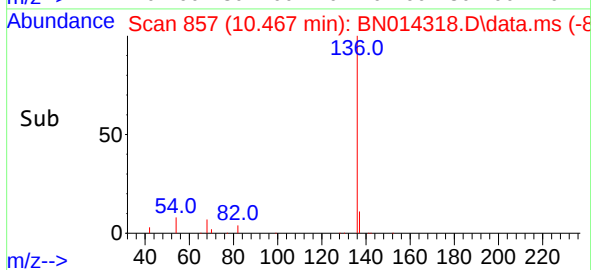
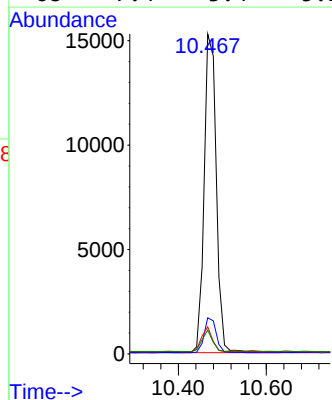
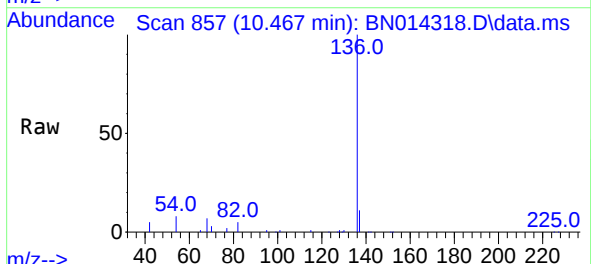
Instrument :
BNA_N
ClientSampled :
EB-01-041521

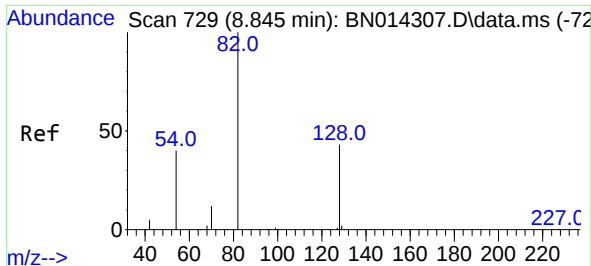
Tgt Ion: 99 Resp: 1567
Ion Ratio Lower Upper
99 100
42 40.3 15.7 23.5#
71 44.1 27.6 41.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.013 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Tgt Ion: 136 Resp: 29185
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.5 3.5 5.3#
68 7.4 3.4 5.2#

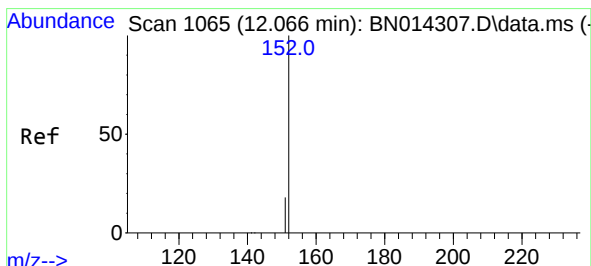
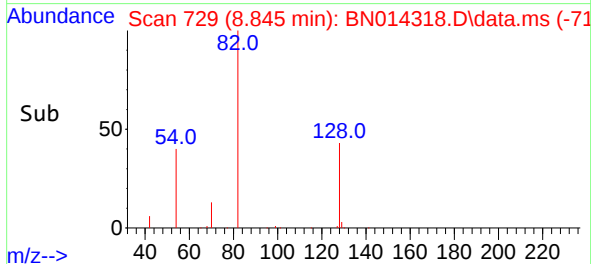
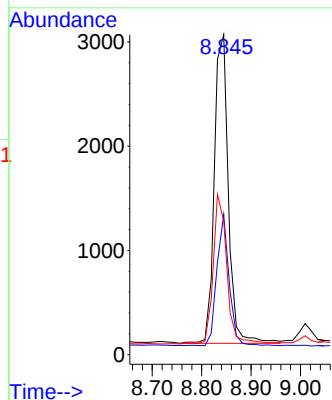
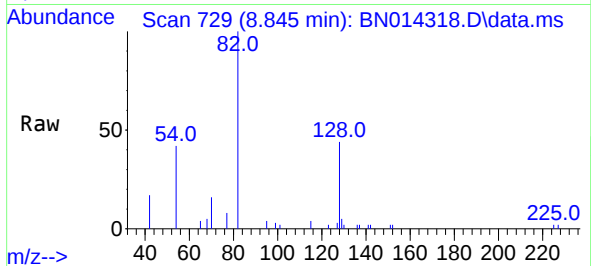




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

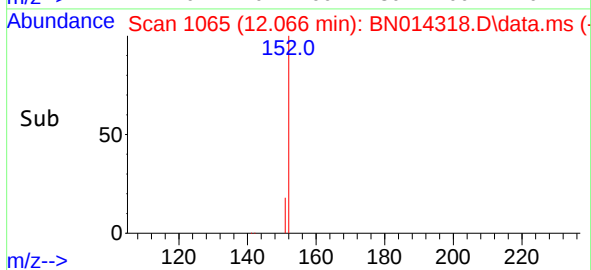
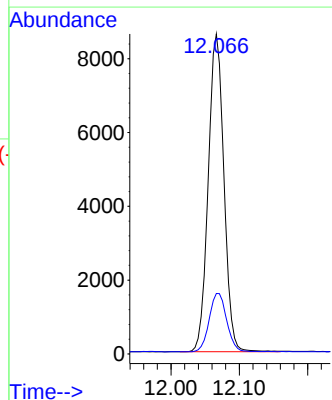
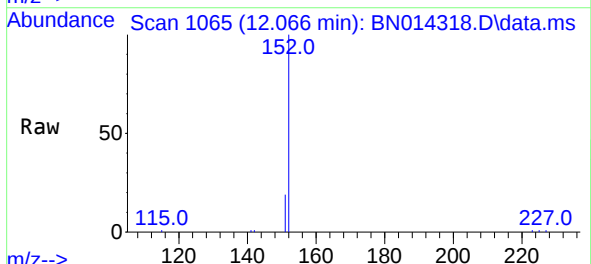
Instrument :
BNA_N
ClientSampleId :
EB-01-041521

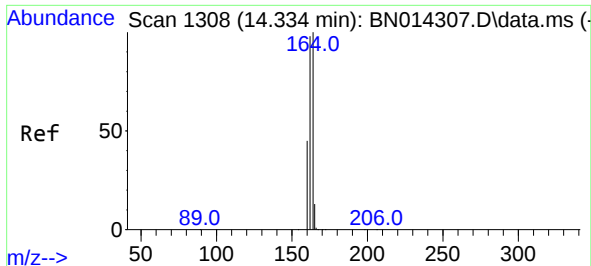
Tgt Ion: 82 Resp: 5849
Ion Ratio Lower Upper
82 100
128 43.8 35.3 52.9
54 41.7 33.4 50.2



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Tgt Ion: 152 Resp: 13711
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4

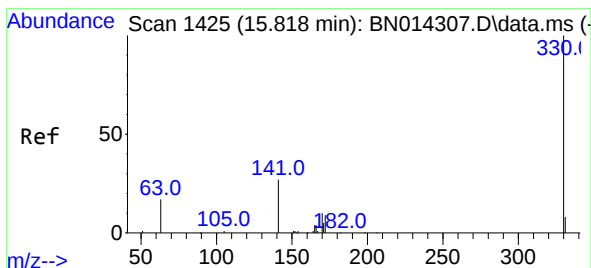
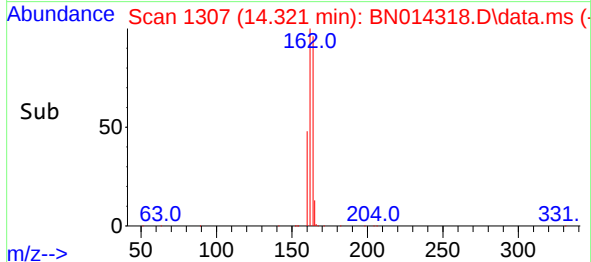
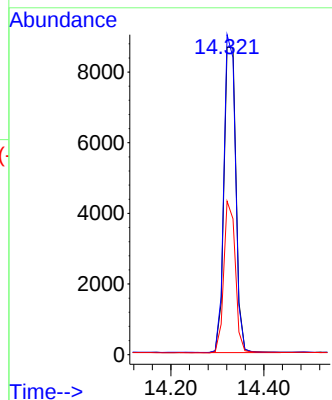
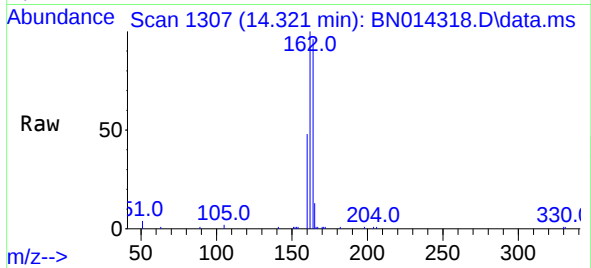




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

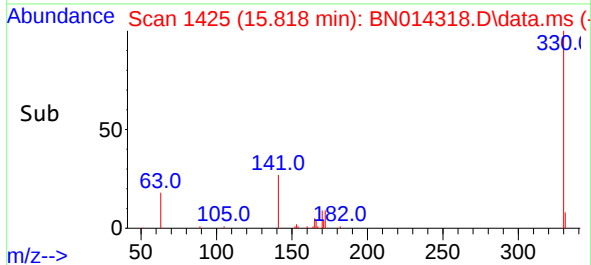
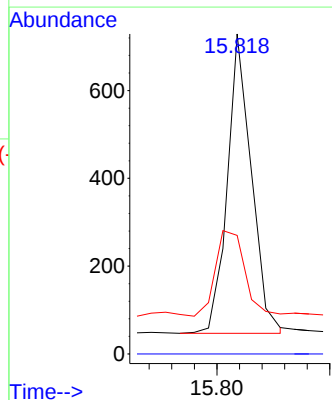
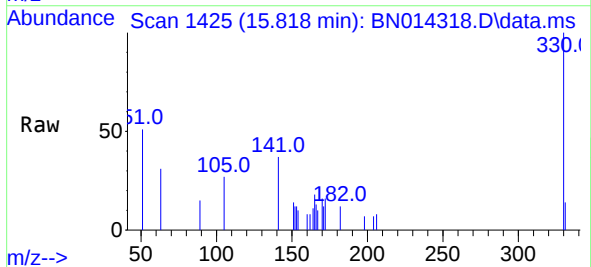
Instrument :
BNA_N
ClientSampleId :
EB-01-041521

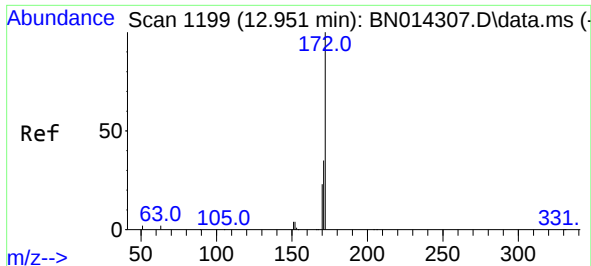
Tgt Ion:164 Resp: 15499
Ion Ratio Lower Upper
164 100
162 104.0 78.6 117.8
160 49.9 36.2 54.4



#14
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Tgt Ion:330 Resp: 1009
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.5 28.8 43.2



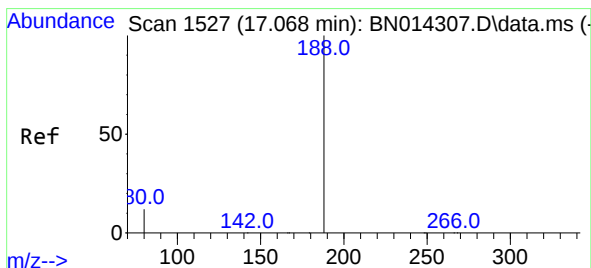
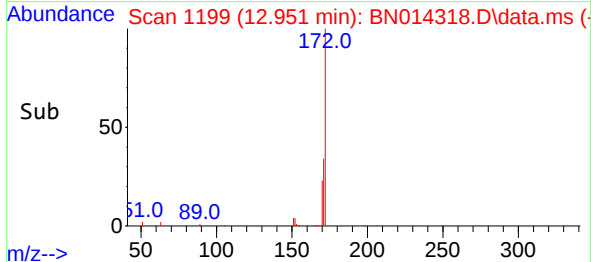
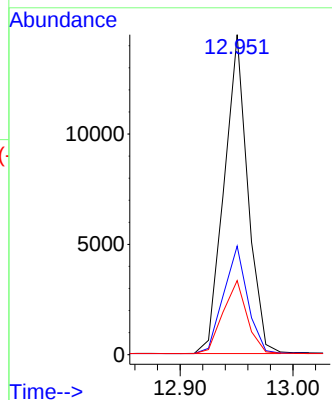
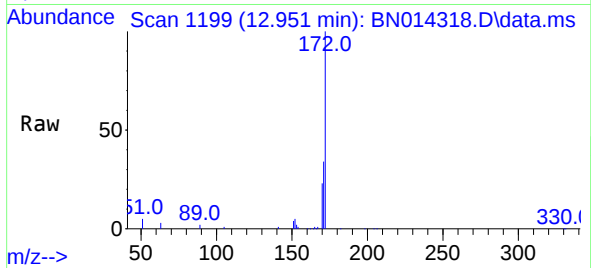


#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.951 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Instrument :
BNA_N
ClientSampleId :
EB-01-041521

Tgt Ion:172 Resp: 21101

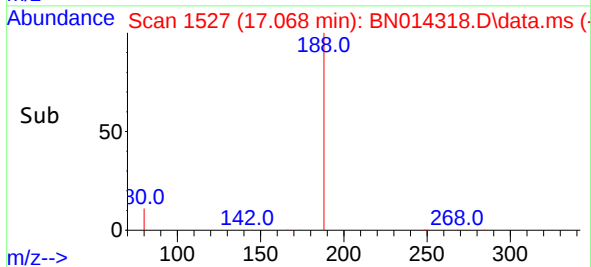
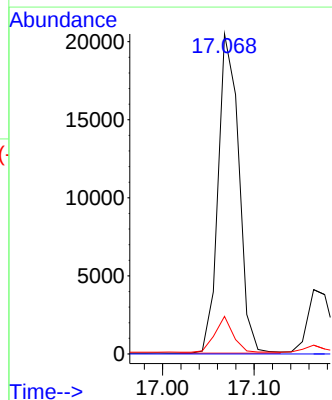
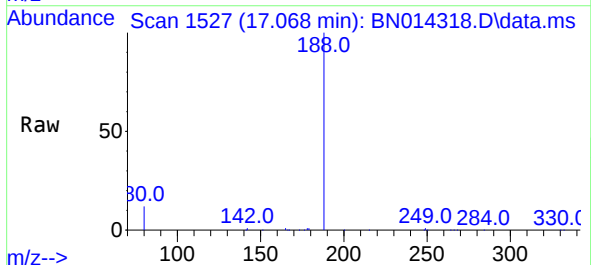
Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.9	41.9
170	23.2	18.8	28.2

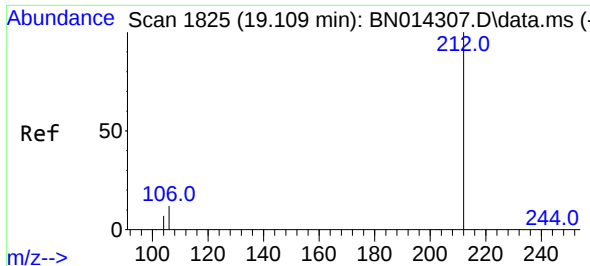


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.068 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Tgt Ion:188 Resp: 32093

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	10.2	15.4

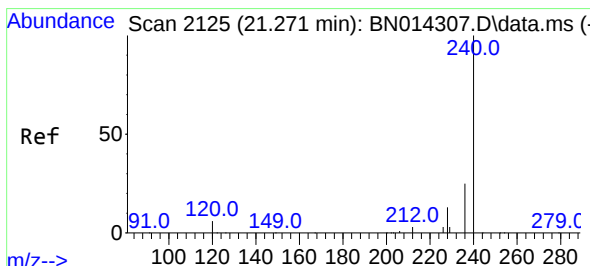
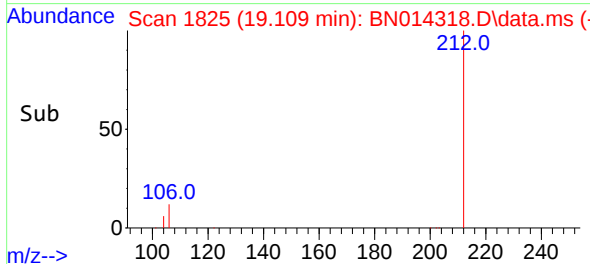
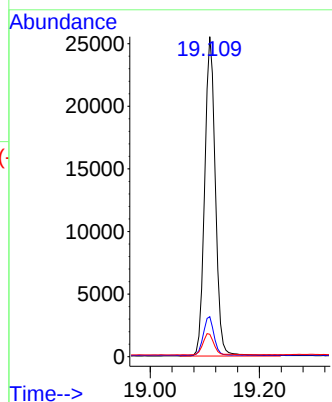
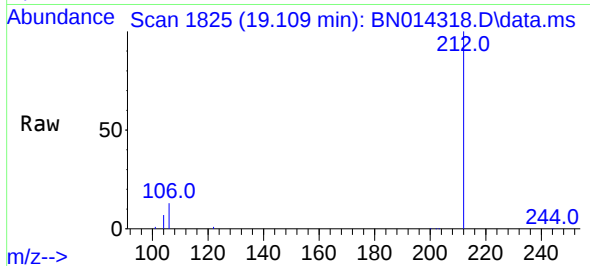




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.109 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

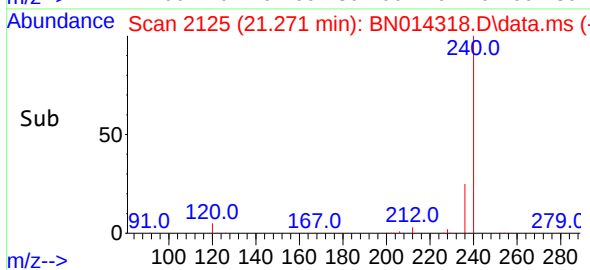
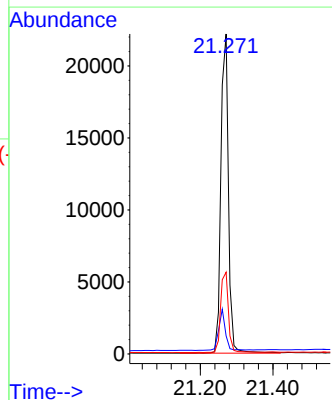
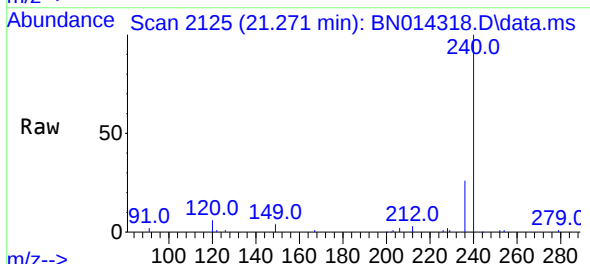
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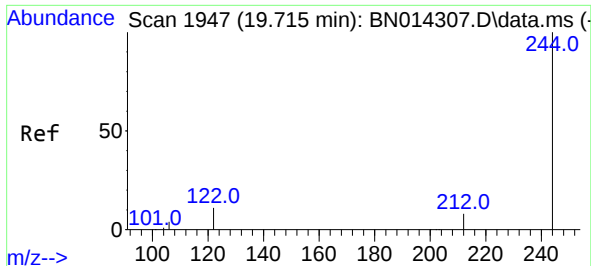
Tgt Ion:212 Resp: 34836
Ion Ratio Lower Upper
212 100
106 12.1 9.7 14.5
104 6.9 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Tgt Ion:240 Resp: 31923
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 25.5 20.4 30.6

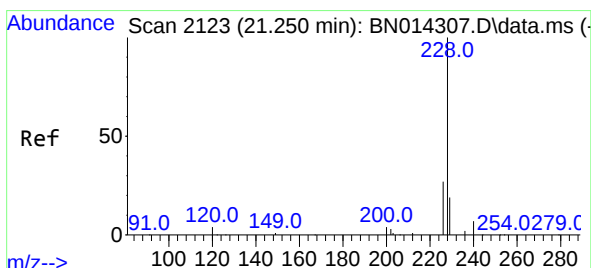
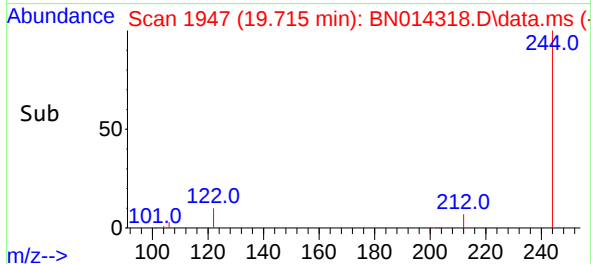
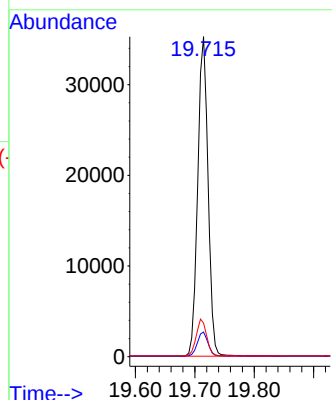
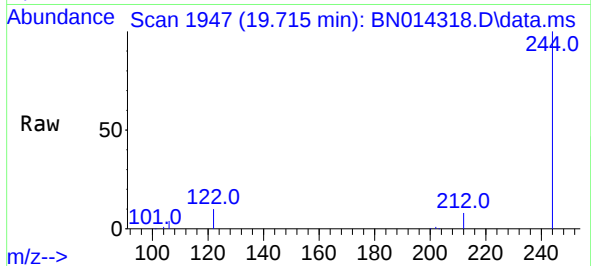




#31
 Terphenyl-d14
 Concen: 0.63 ng
 RT: 19.715 min Scan# 1947
 Delta R.T. -0.000 min
 Lab File: BN014318.D
 Acq: 16 Apr 2021 20:12

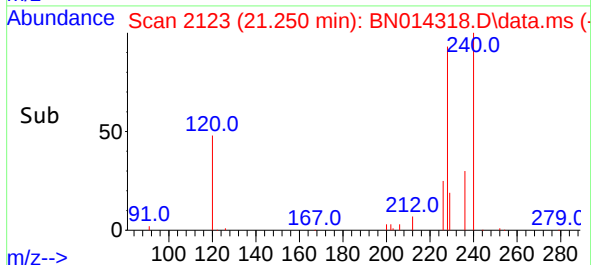
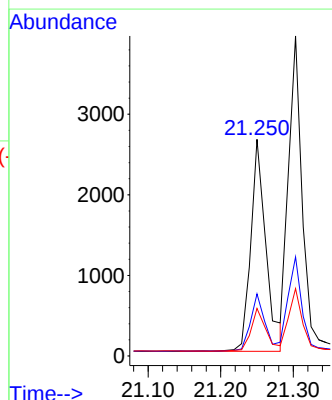
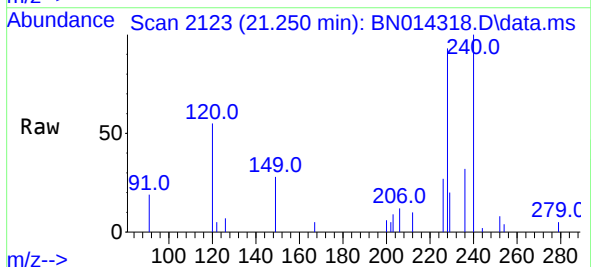
Instrument :
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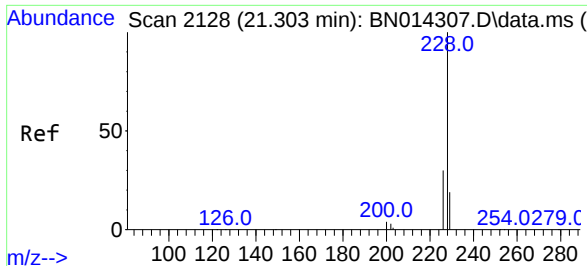
Tgt Ion:244 Resp: 42478
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.5 9.0 13.6



#32
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.250 min Scan# 2123
 Delta R.T. -0.000 min
 Lab File: BN014318.D
 Acq: 16 Apr 2021 20:12

Tgt Ion:228 Resp: 3844
 Ion Ratio Lower Upper
 228 100
 226 28.6 21.7 32.5
 229 21.9 15.7 23.5



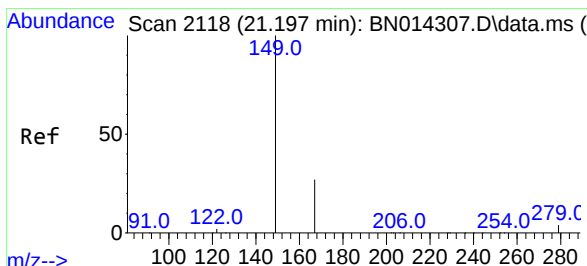
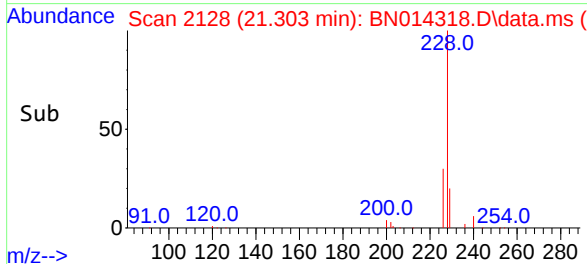
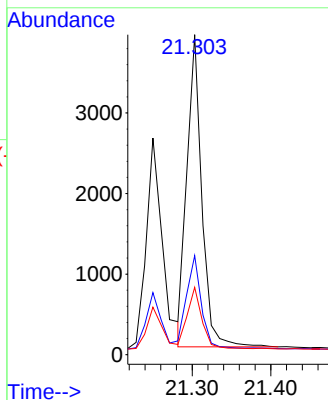
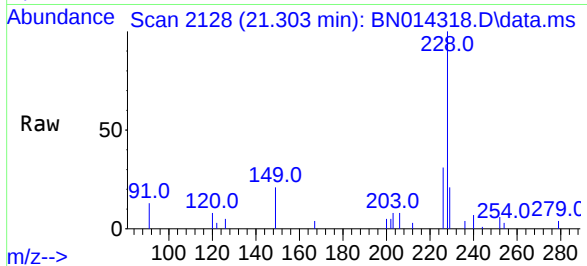


#33
Chrysene
Concen: 0.05 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Instrument :
BNA_N
ClientSampleId :
EB-01-041521

Tgt Ion:228 Resp: 5097

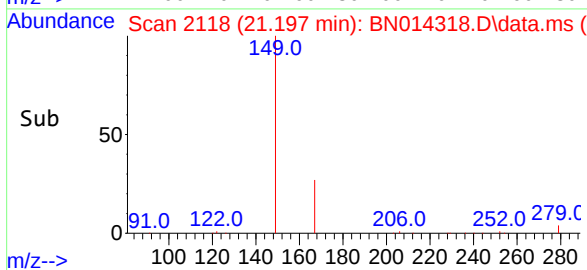
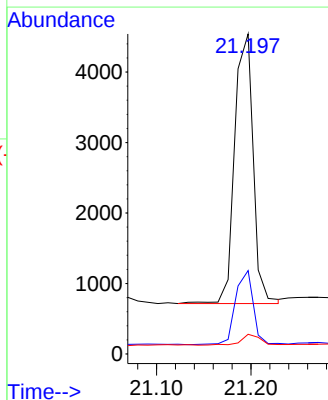
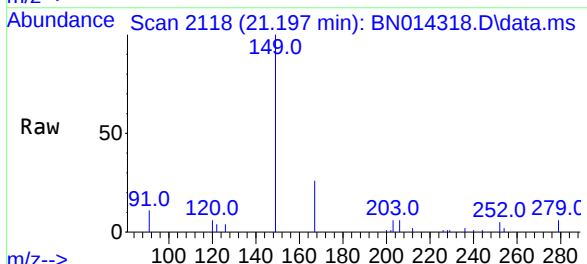
Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.6
229	21.0	15.6	23.4

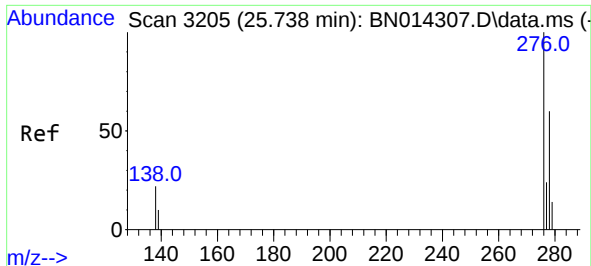


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.197 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Tgt Ion:149 Resp: 5216

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	4.1	3.3	4.9

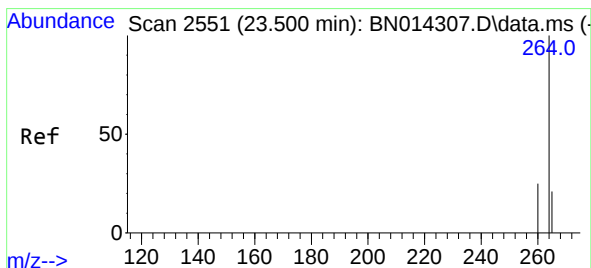
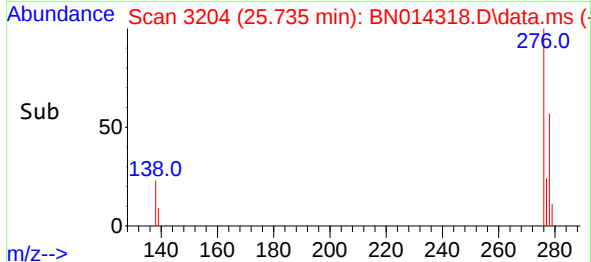
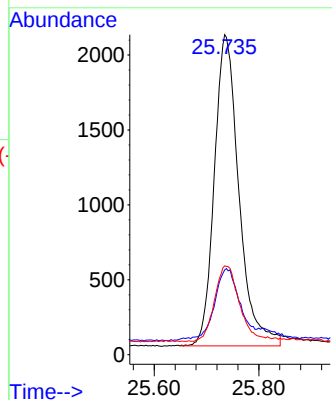
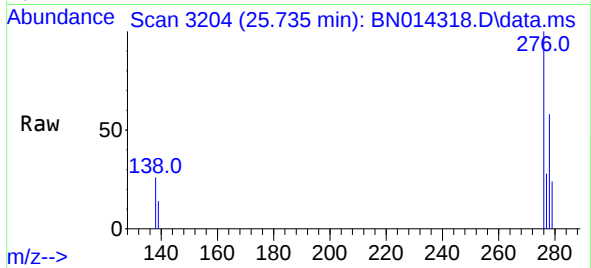




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 25.735 min Scan# 3204
Delta R.T. -0.003 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

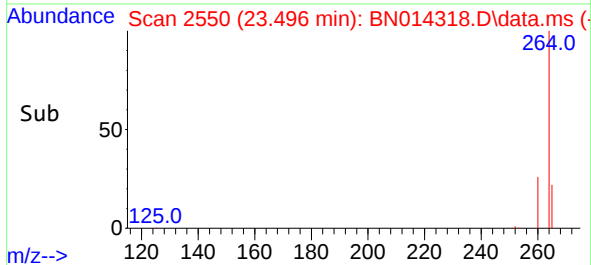
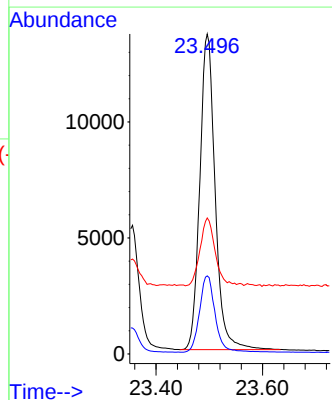
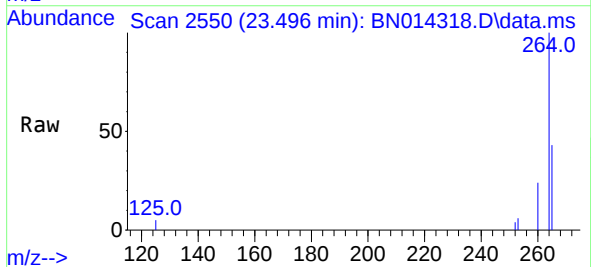
Instrument :
BNA_N
ClientSampleId :
EB-01-041521

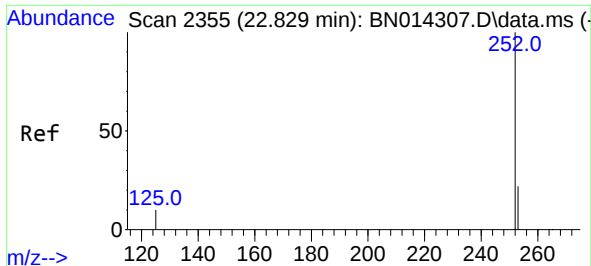
Tgt Ion:276 Resp: 6769
Ion Ratio Lower Upper
276 100
138 23.5 18.3 27.5
277 24.2 19.9 29.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.496 min Scan# 2550
Delta R.T. -0.003 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Tgt Ion:264 Resp: 27187
Ion Ratio Lower Upper
264 100
260 24.4 20.0 30.0
265 42.5 37.8 56.8

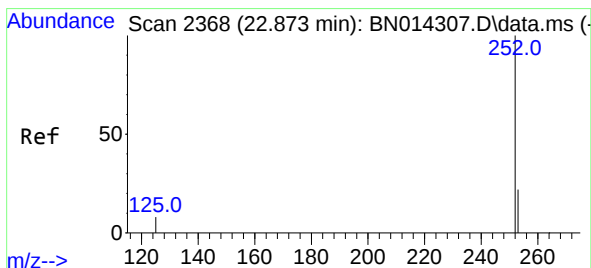
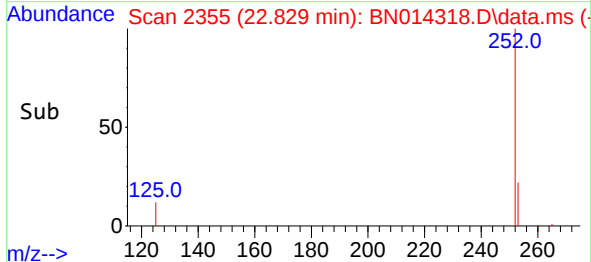
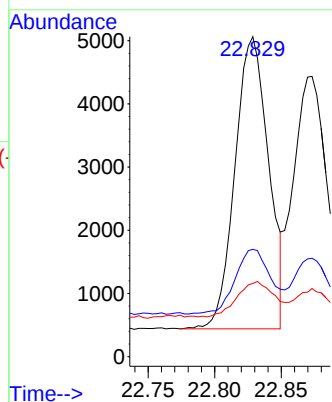
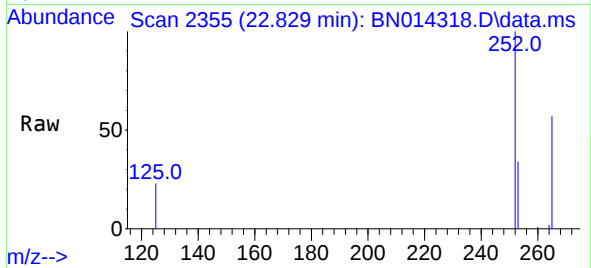




#37
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 22.829 min Scan# 2355
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

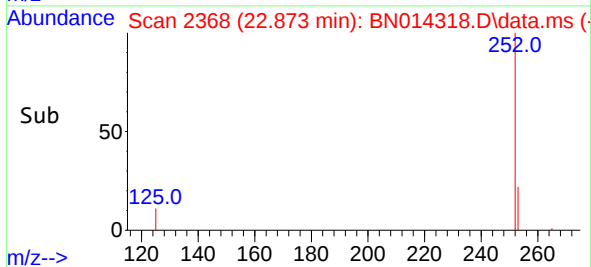
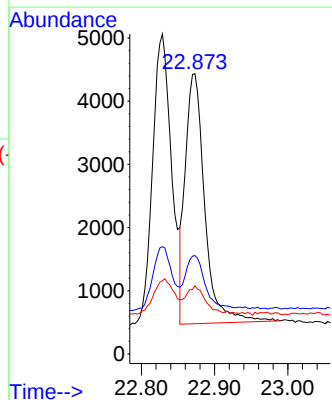
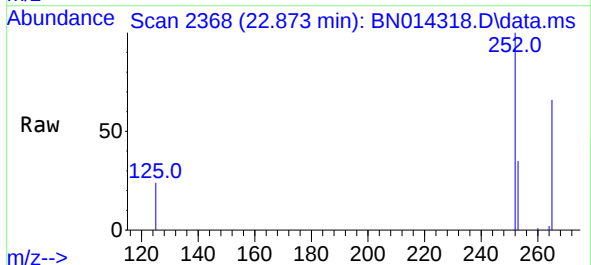
Instrument :
BNA_N
ClientSampleId :
EB-01-041521

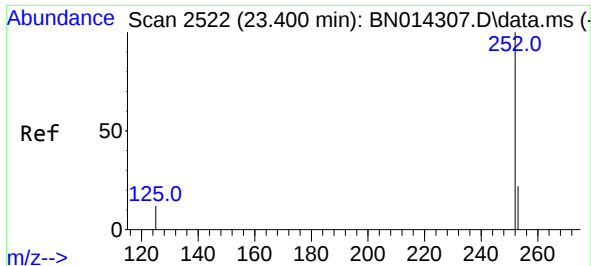
Tgt Ion:252 Resp: 8109
Ion Ratio Lower Upper
252 100
253 33.6 19.0 28.6#
125 22.9 9.3 13.9#



#38
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 22.873 min Scan# 2368
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Tgt Ion:252 Resp: 7284
Ion Ratio Lower Upper
252 100
253 35.1 19.1 28.7#
125 24.3 9.1 13.7#

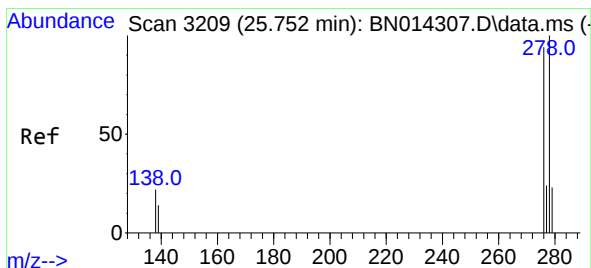
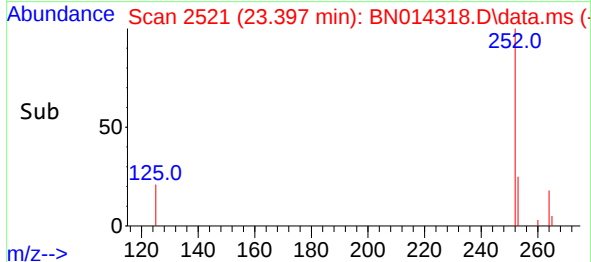
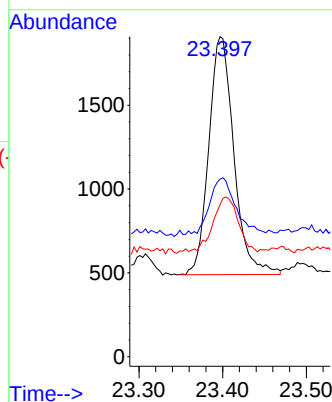
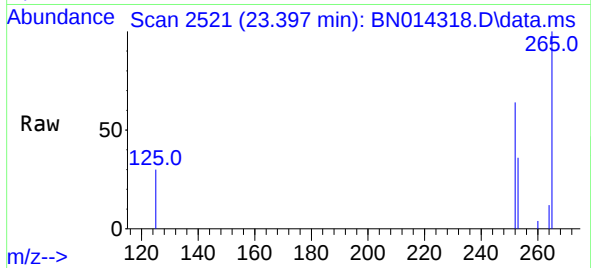




#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.397 min Scan# 2521
Delta R.T. -0.004 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

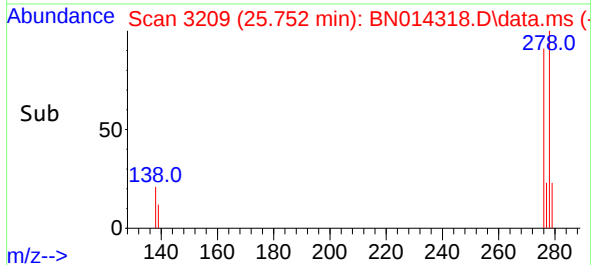
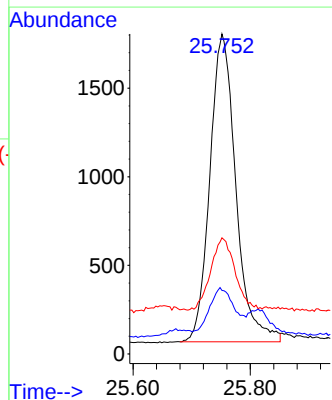
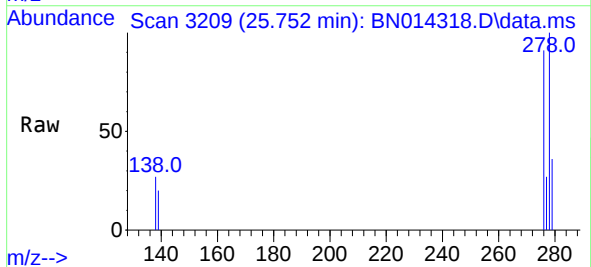
Instrument :
BNA_N
ClientSampleId :
EB-01-041521

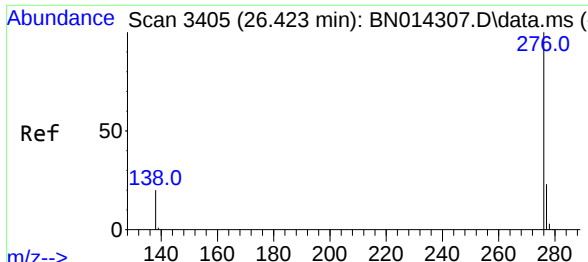
Tgt Ion:252 Resp: 2954
Ion Ratio Lower Upper
252 100
253 55.5 20.2 30.2#
125 47.5 12.4 18.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 25.752 min Scan# 3209
Delta R.T. -0.000 min
Lab File: BN014318.D
Acq: 16 Apr 2021 20:12

Tgt Ion:278 Resp: 5351
Ion Ratio Lower Upper
278 100
139 19.9 12.8 19.2#
279 36.3 20.0 30.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.06 ng
 RT: 26.419 min Scan# 3404
 Delta R.T. -0.003 min
 Lab File: BN014318.D
 Acq: 16 Apr 2021 20:12

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-041521

Tgt Ion:	276	Resp:	6464
Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.9	28.3
138	24.6	16.6	24.8

