

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
 Data File : BN012443.D
 Acq On : 29 Oct 2020 18:08
 Operator : CG/JU
 Sample : L4560-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0001

Quant Time: Oct 29 18:48:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 28 10:32:42 2020
 Response via : Initial Calibration

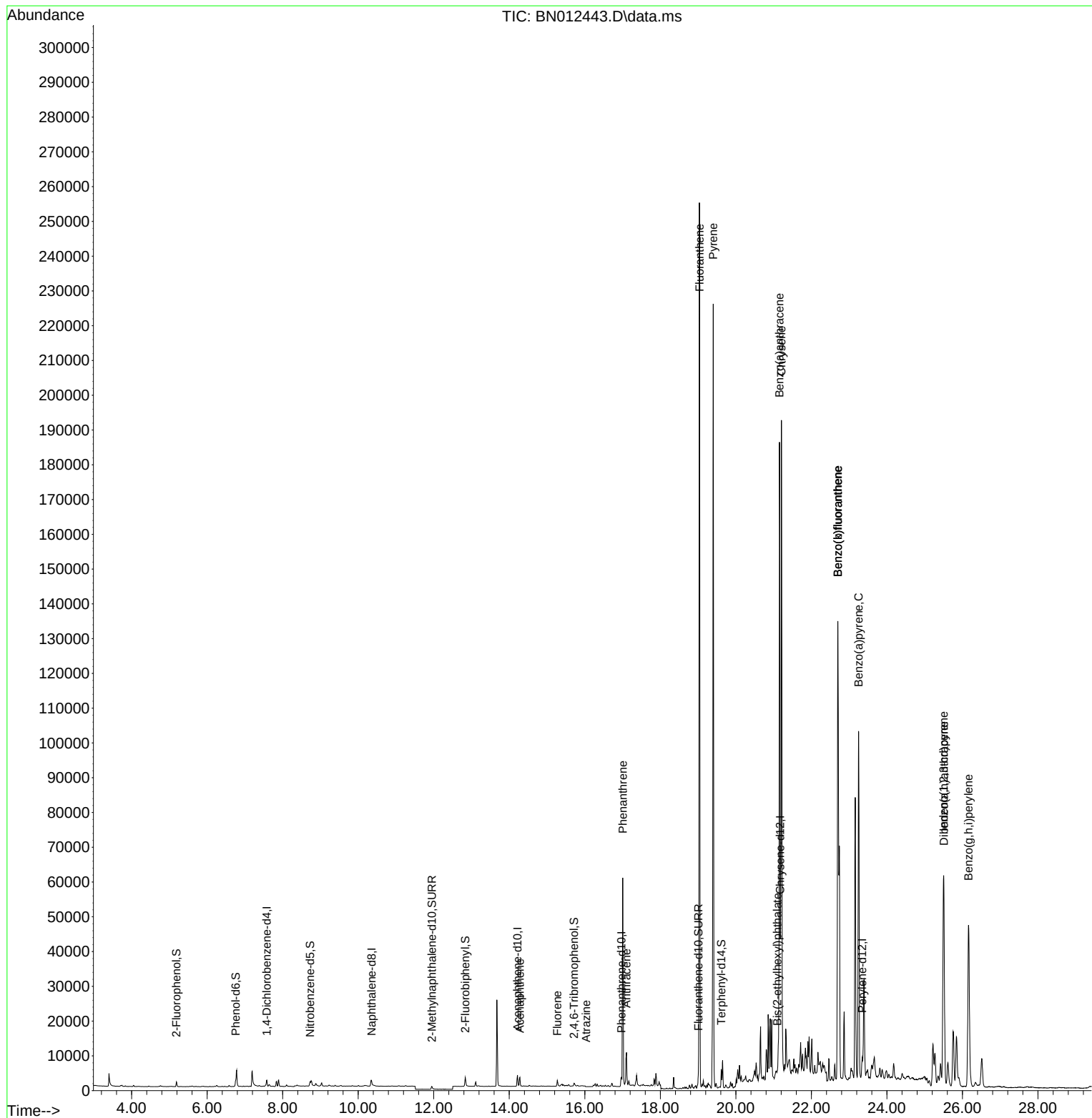
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	850	0.40	ng	0.00
7) Naphthalene-d8	10.352	136	3367	0.40	ng	0.00
13) Acenaphthene-d10	14.217	164	1876	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	3931	0.40	ng	0.00
29) Chrysene-d12	21.174	240	5869	0.40	ng	# 0.00
36) Perylene-d12	23.344	264	7261	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	874	0.29	ng	0.00
5) Phenol-d6	6.757	99	1131	0.32	ng	0.00
8) Nitrobenzene-d5	8.729	82	1456	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.949	152	1714	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.715	330	426	0.32	ng	-0.01
15) 2-Fluorobiphenyl	12.835	172	2809	0.40	ng	-0.01
27) Fluoranthene-d10	19.003	212	4424	0.36	ng	0.00
31) Terphenyl-d14	19.613	244	5144	0.37	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.281	154	1360	0.23	ng	93
18) Fluorene	15.271	166	1215	0.16	ng	99
23) Atrazine	16.031	200	101	0.04	ng	# 1
25) Phenanthrene	17.005	178	57070	4.98	ng	98
26) Anthracene	17.102	178	10595	1.00	ng	# 92
28) Fluoranthene	19.038	202	228259	16.73	ng	99
30) Pyrene	19.400	202	199083	10.03	ng	# 94
32) Benzo(a)anthracene	21.153	228	160971	9.01	ng	99
33) Chrysene	21.206	228	152940	7.64	ng	98
34) Bis(2-ethylhexyl)phtha...	21.099	149	502	0.04	ng	94
35) Indeno(1,2,3-cd)pyrene	25.500	276	87907	3.05	ng	99
37) Benzo(b)fluoranthene	22.700	252	207181	9.04	ng	96
38) Benzo(k)fluoranthene	22.700	252	207181	8.30	ng	97
39) Benzo(a)pyrene	23.248	252	130160	5.86	ng	94
40) Dibenzo(a,h)anthracene	25.507	278	31692	1.26	ng	# 97
41) Benzo(g,h,i)perylene	26.161	276	92706	3.51	ng	98

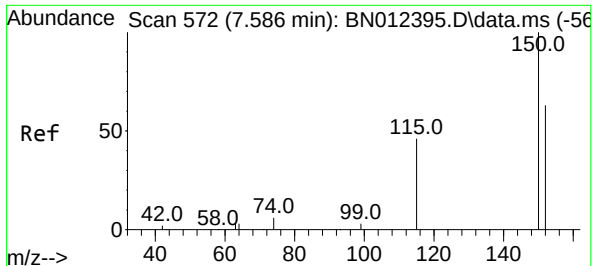
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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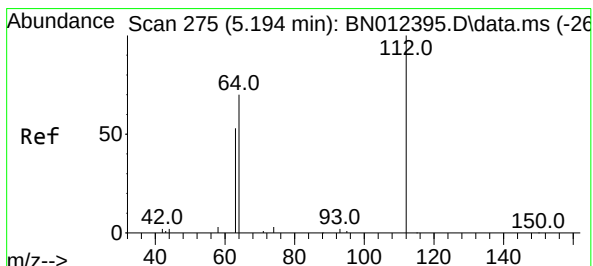
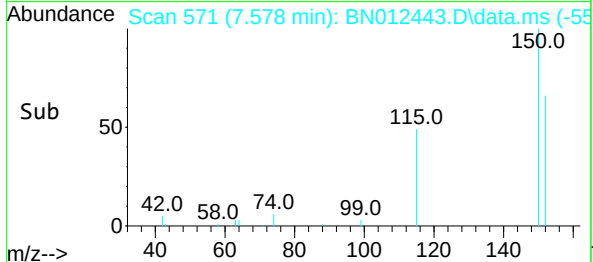
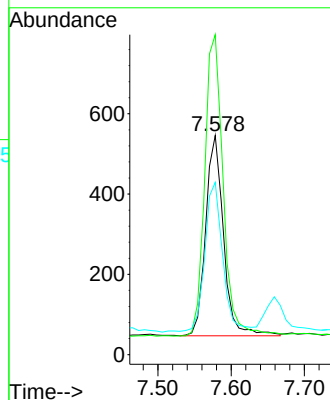
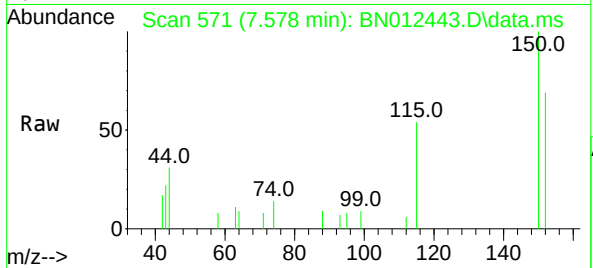




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

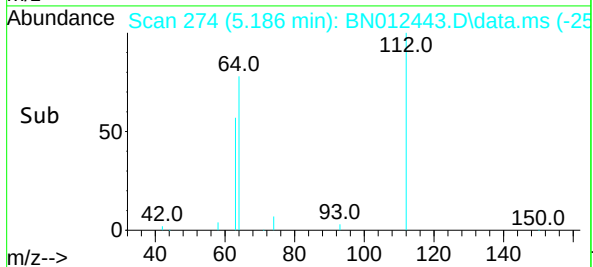
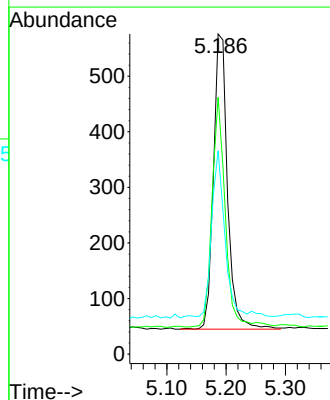
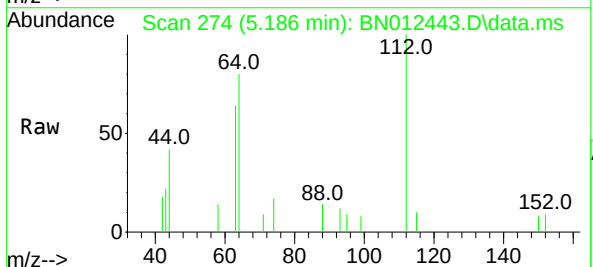
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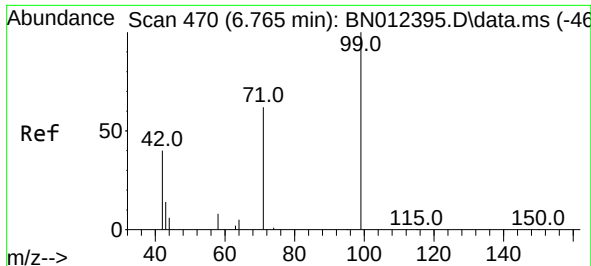
Tgt Ion:152 Resp: 850
Ion Ratio Lower Upper
152 100
150 146.0 116.6 174.8
115 78.6 52.9 79.3



#4
2-Fluorophenol
Concen: 0.29 ng
RT: 5.186 min Scan# 274
Delta R.T. -0.008 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:112 Resp: 874
Ion Ratio Lower Upper
112 100
64 72.9 49.5 74.3
63 51.1 32.0 48.0#

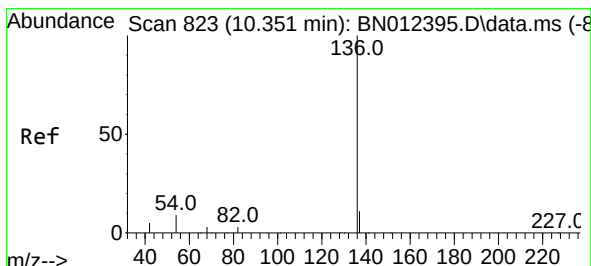
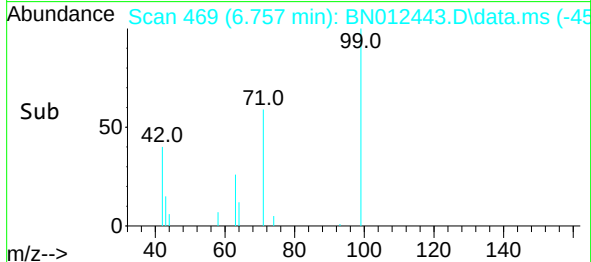
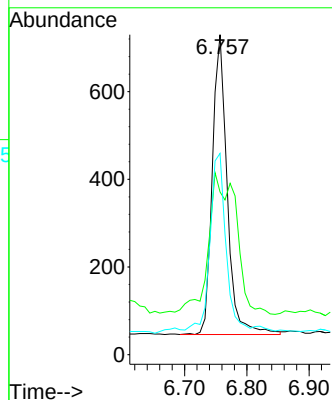
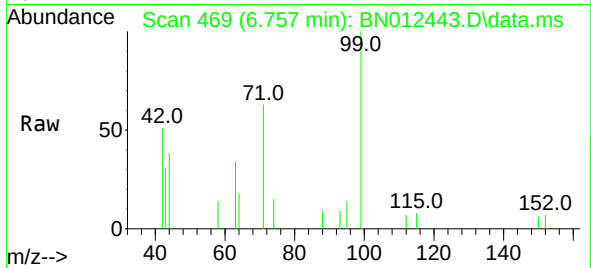




#5
Phenol-d6
Concen: 0.32 ng
RT: 6.757 min Scan# 469
Delta R.T. -0.008 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

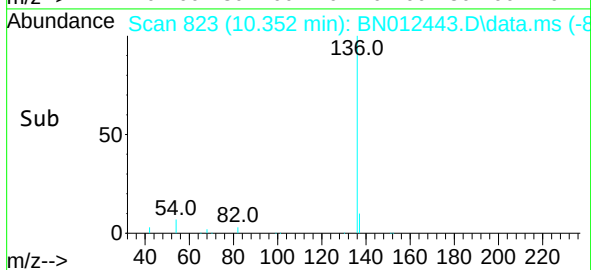
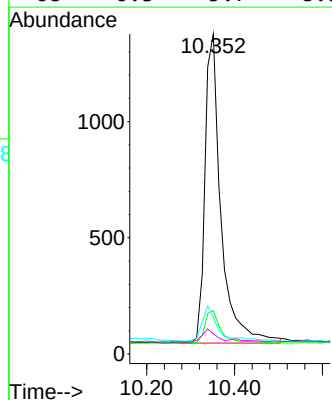
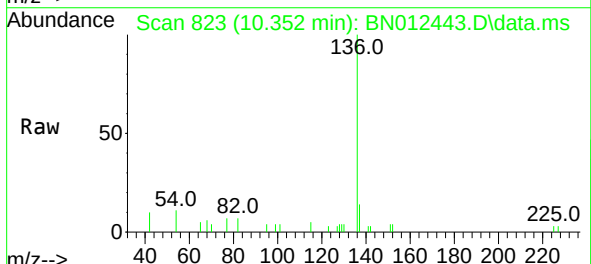
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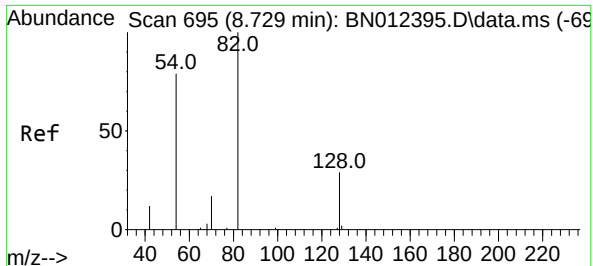
Tgt Ion:	99	Resp:	1131
Ion	Ratio	Lower	Upper
99	100		
42	88.5	22.4	33.6#
71	61.5	37.8	56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.352 min Scan# 823
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:	136	Resp:	3367
Ion	Ratio	Lower	Upper
136	100		
137	13.6	10.6	15.8
54	11.5	8.6	12.8
68	6.3	5.7	8.5

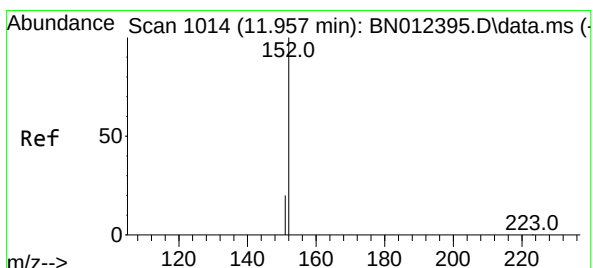
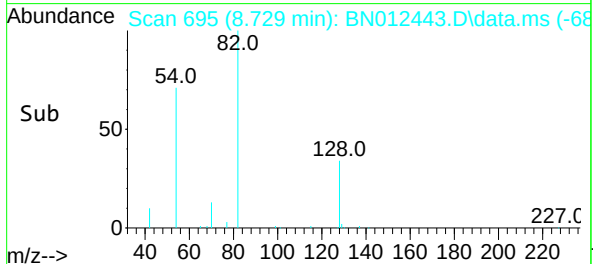
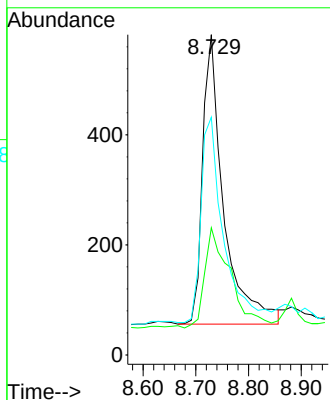
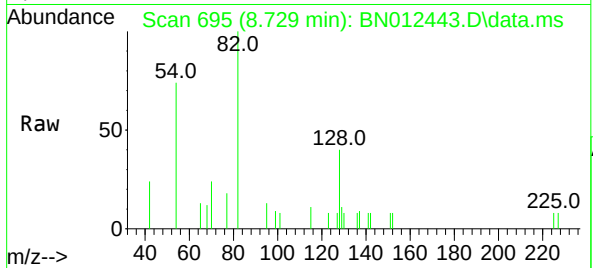




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.729 min Scan# 695
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

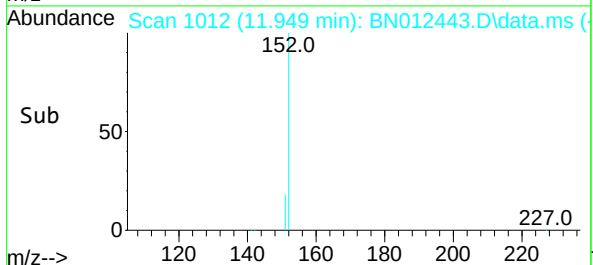
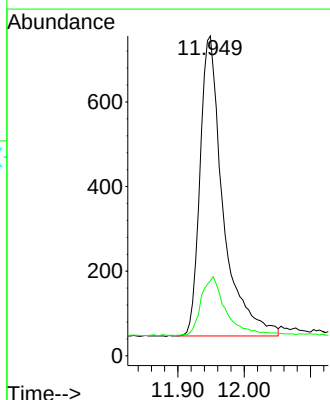
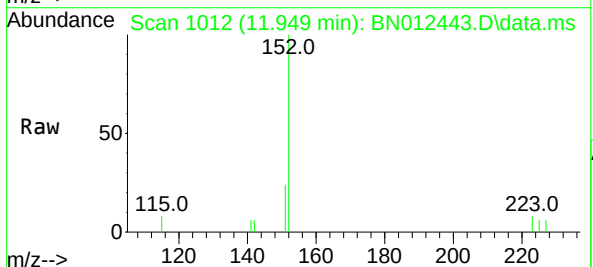
Instrument :
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ClientSampleId :
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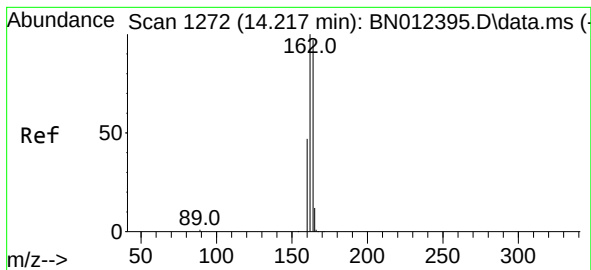
Tgt Ion: 82 Resp: 1456
Ion Ratio Lower Upper
82 100
128 39.7 30.6 46.0
54 74.2 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.949 min Scan# 1012
Delta R.T. -0.004 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion: 152 Resp: 1714
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1

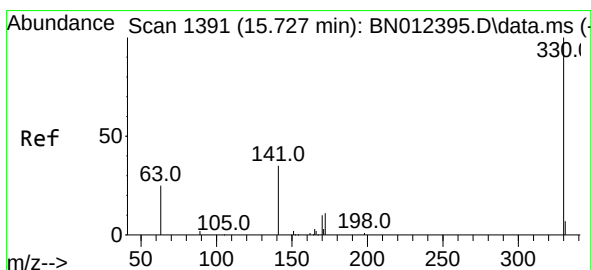
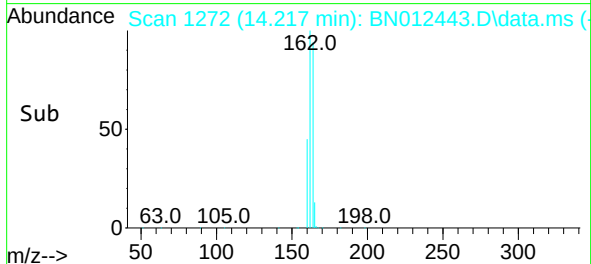
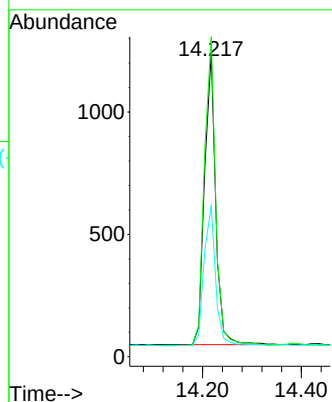
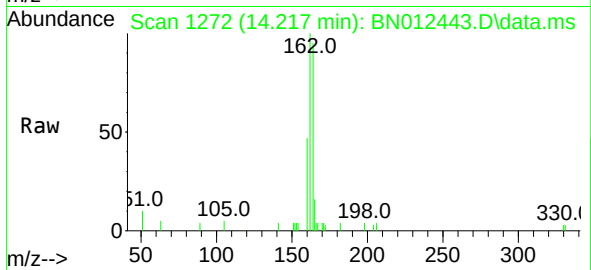




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

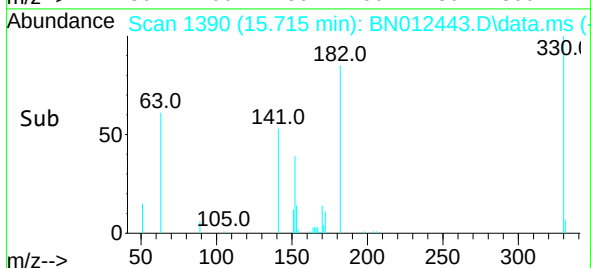
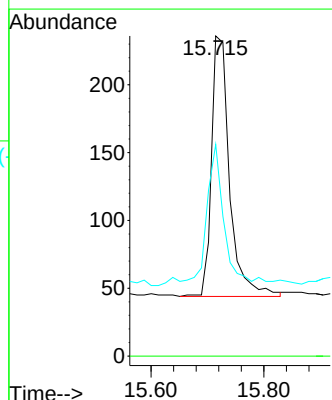
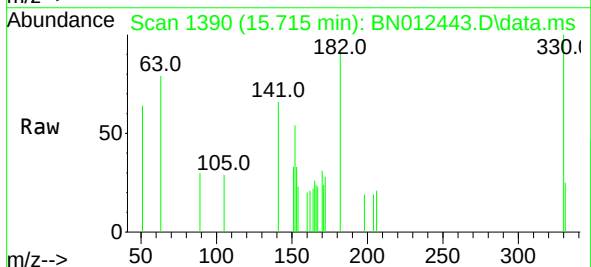
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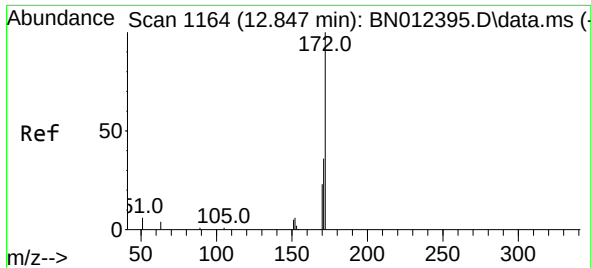
Tgt Ion:	164	Resp:	1876
Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.6	120.8
160	49.6	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.715 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:	330	Resp:	426
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.0	34.4	51.6

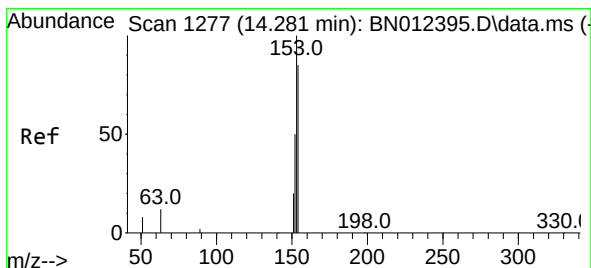
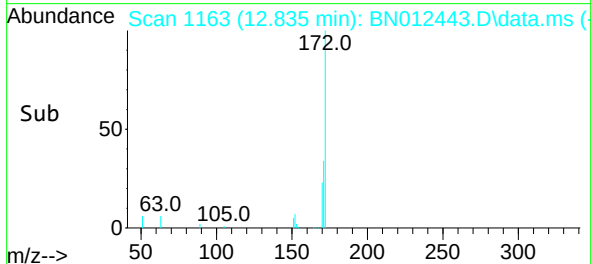
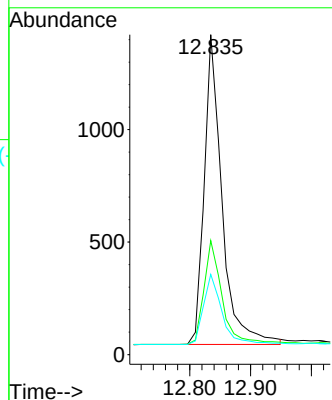
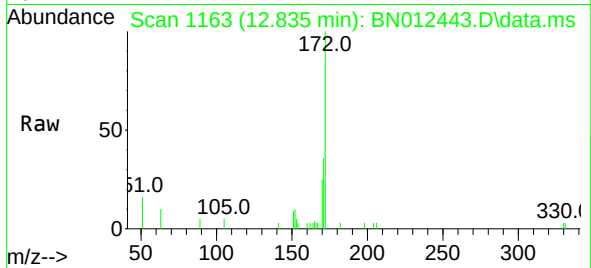




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.835 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

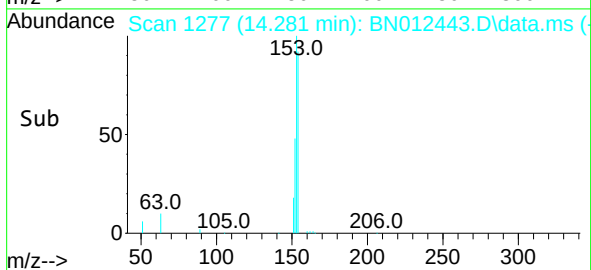
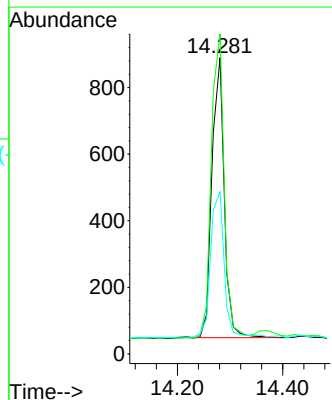
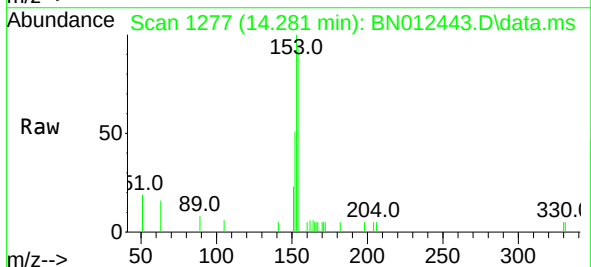
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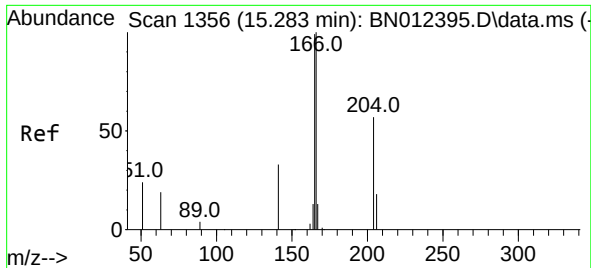
Tgt Ion:	172	Resp:	2809
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	25.1	20.0	30.0



#17
Acenaphthene
Concen: 0.23 ng
RT: 14.281 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:	154	Resp:	1360
Ion	Ratio	Lower	Upper
154	100		
153	113.6	83.6	125.4
152	58.2	43.9	65.9

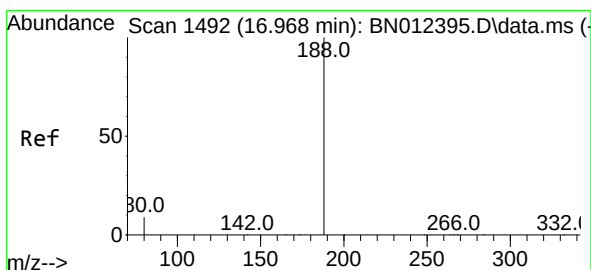
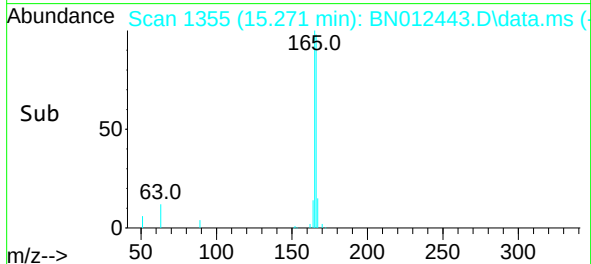
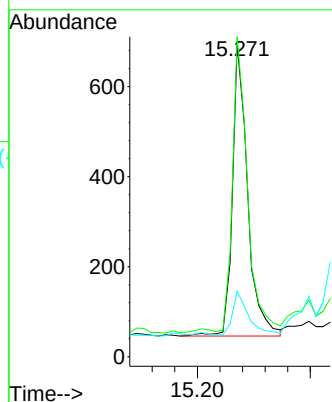
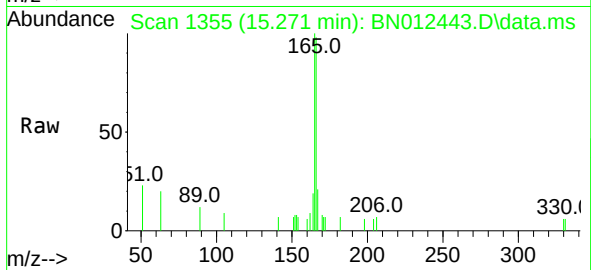




#18
Fluorene
Concen: 0.16 ng
RT: 15.271 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

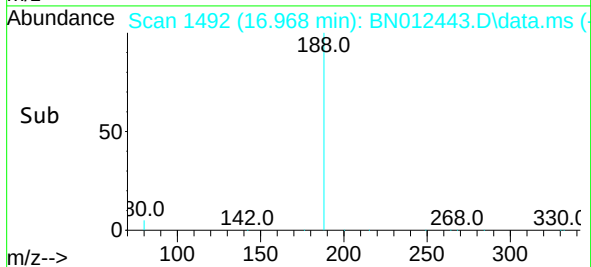
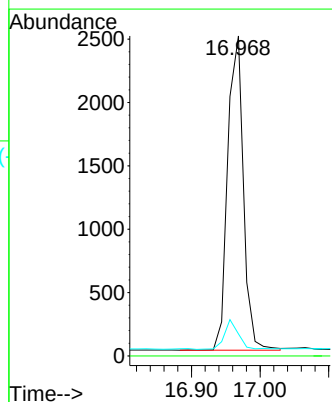
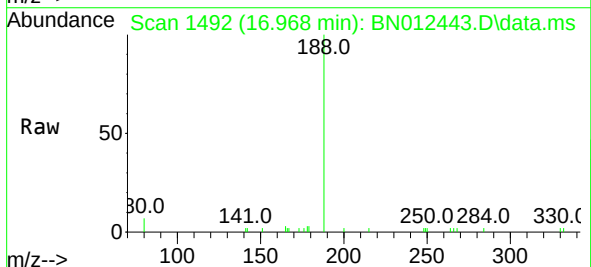
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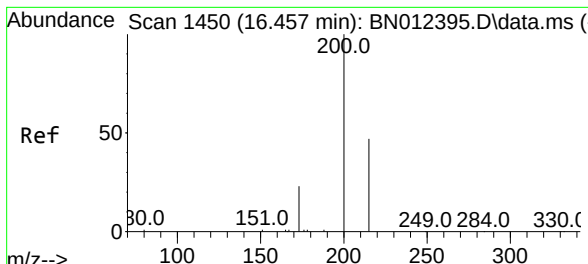
Tgt Ion:166 Resp: 1215
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 15.4 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:188 Resp: 3931
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 5.0 7.4

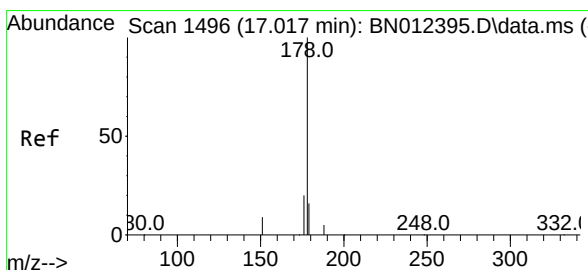
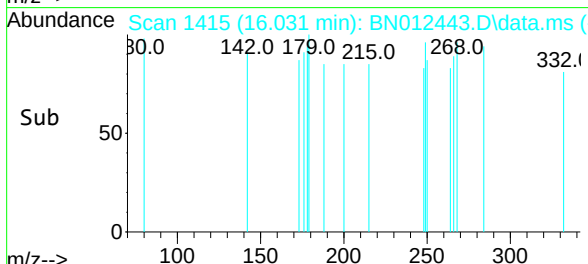
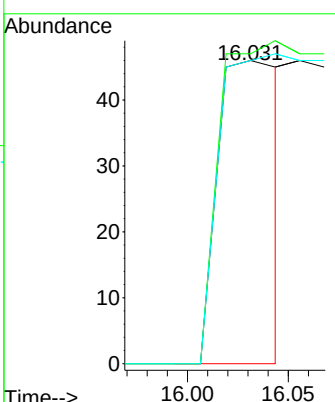
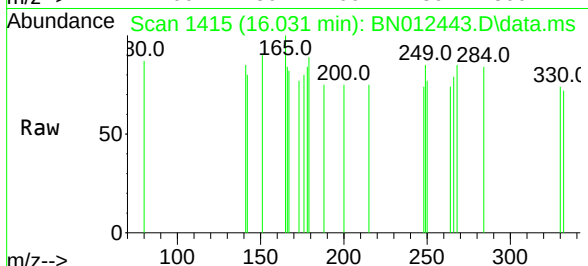




#23
Atrazine
 Concen: 0.04 ng
 RT: 16.031 min Scan# 1415
 Delta R.T. -0.426 min
 Lab File: BN012443.D
 Acq: 29 Oct 2020 18:08

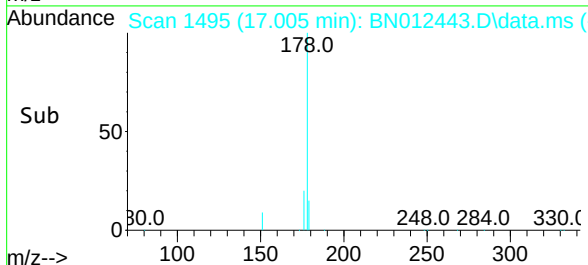
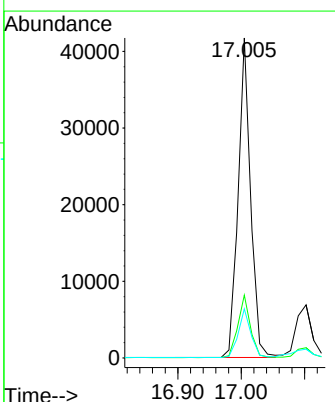
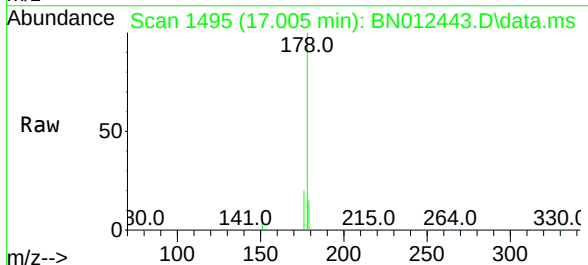
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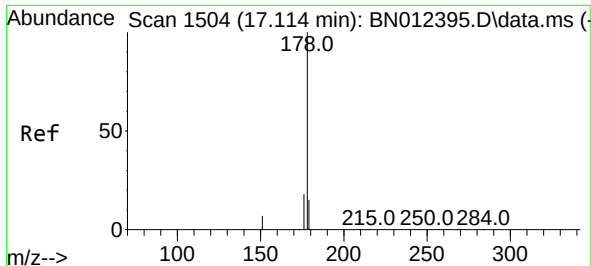
Tgt Ion:	200	Resp:	101
Ion Ratio	Lower	Upper	
200	100		
173	102.2	22.8	34.2#
215	100.0	38.1	57.1#



#25
Phenanthrene
 Concen: 4.98 ng
 RT: 17.005 min Scan# 1495
 Delta R.T. -0.012 min
 Lab File: BN012443.D
 Acq: 29 Oct 2020 18:08

Tgt Ion:	178	Resp:	57070
Ion Ratio	Lower	Upper	
178	100		
176	19.8	14.8	22.2
179	15.2	12.4	18.6

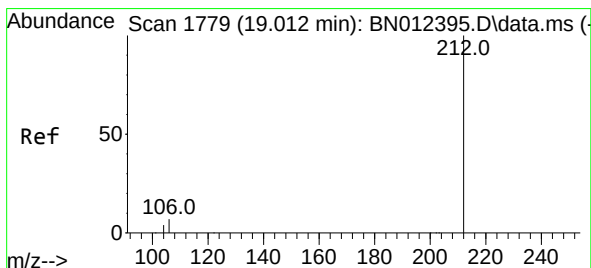
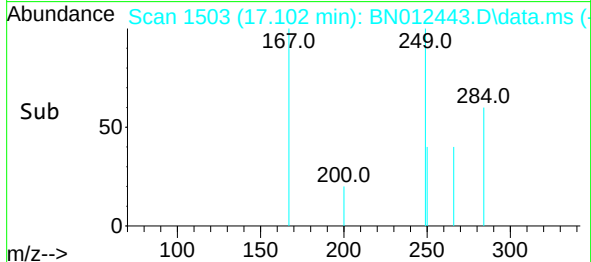
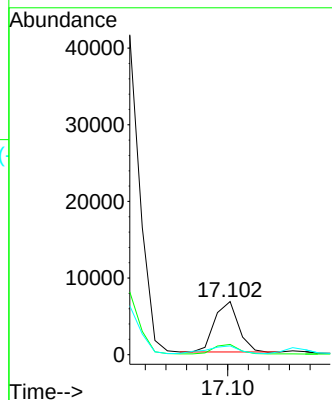
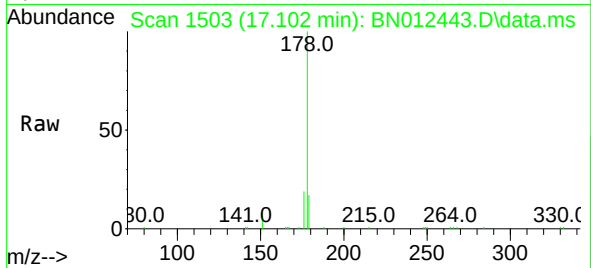




#26
 Anthracene
 Concen: 1.00 ng
 RT: 17.102 min Scan# 1503
 Delta R.T. 0.000 min
 Lab File: BN012443.D
 Acq: 29 Oct 2020 18:08

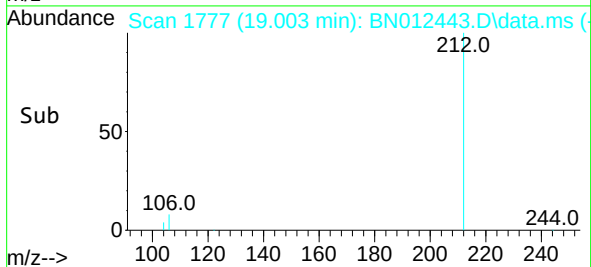
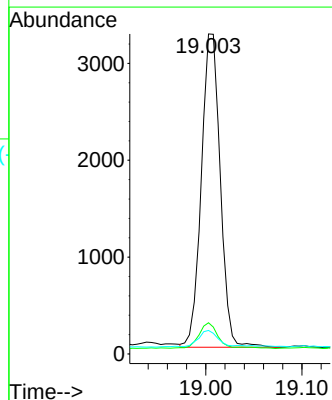
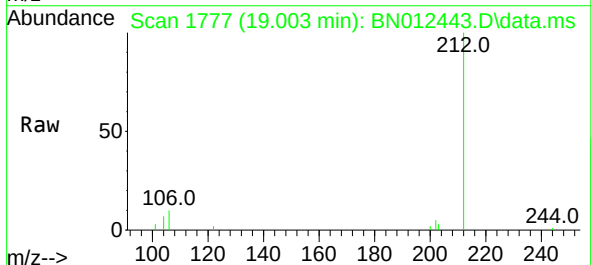
Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0001

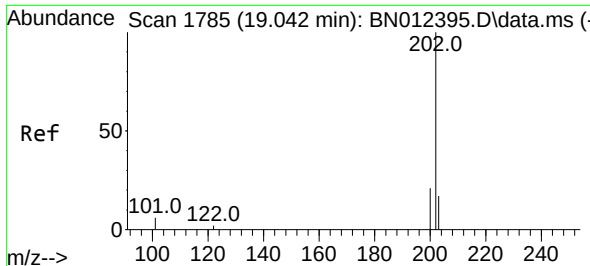
Tgt Ion:178 Resp: 10595
 Ion Ratio Lower Upper
 178 100
 176 21.4 14.8 22.2
 179 19.7 12.5 18.7#



#27
 Fluoranthene-d10
 Concen: 0.36 ng
 RT: 19.003 min Scan# 1777
 Delta R.T. -0.010 min
 Lab File: BN012443.D
 Acq: 29 Oct 2020 18:08

Tgt Ion:212 Resp: 4424
 Ion Ratio Lower Upper
 212 100
 106 7.8 6.8 10.2
 104 5.6 4.1 6.1

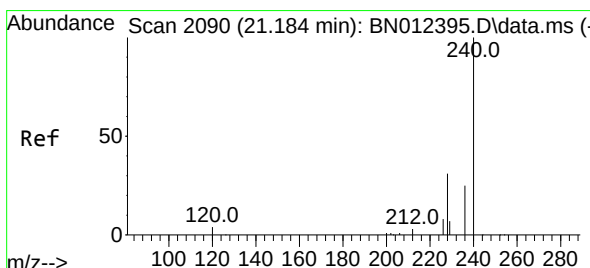
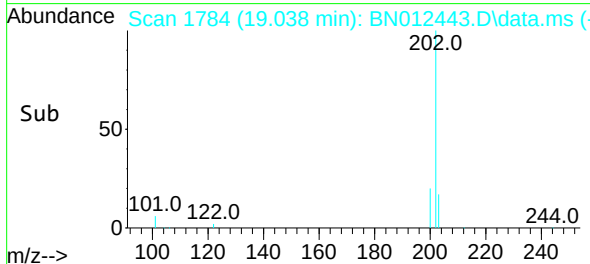
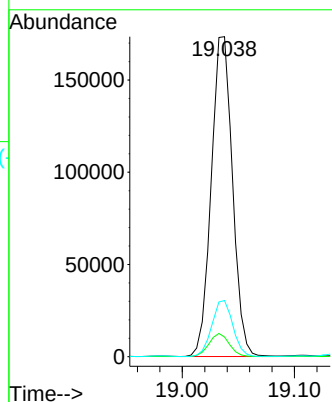
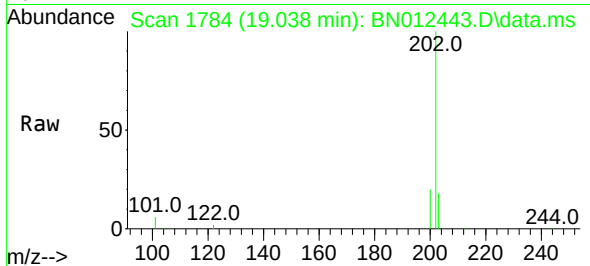




#28
Fluoranthene
Concen: 16.73 ng
RT: 19.038 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

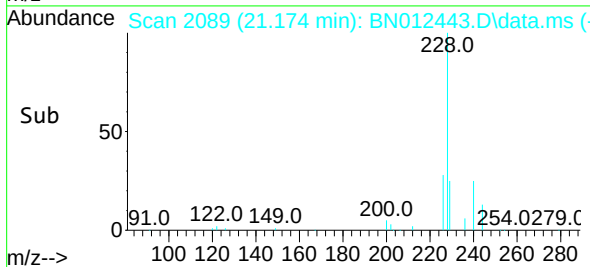
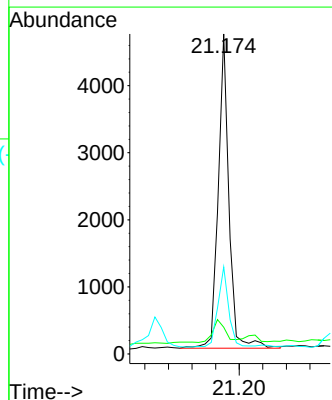
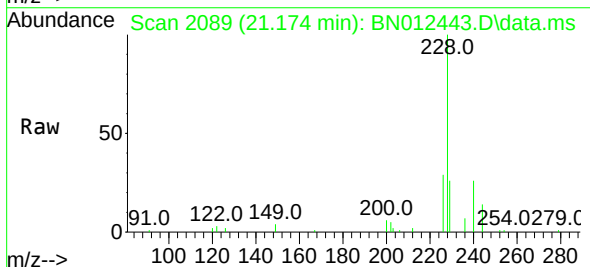
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

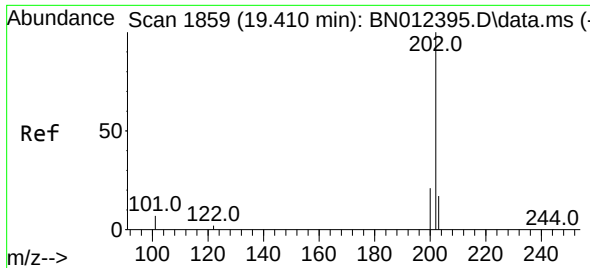
Tgt Ion:202 Resp: 228259
Ion Ratio Lower Upper
202 100
101 6.9 5.8 8.6
203 17.3 13.7 20.5



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.174 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:240 Resp: 5869
Ion Ratio Lower Upper
240 100
120 8.3 5.3 7.9#
236 27.2 21.8 32.8

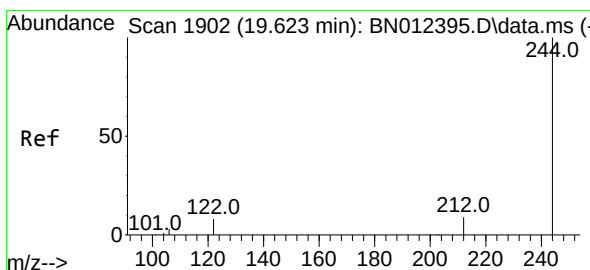
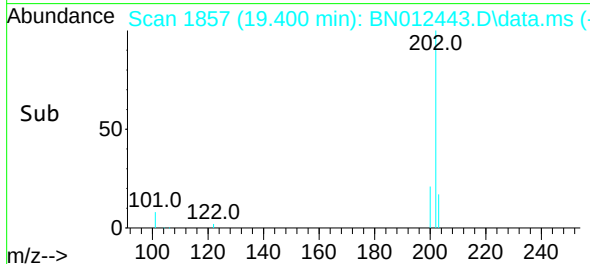
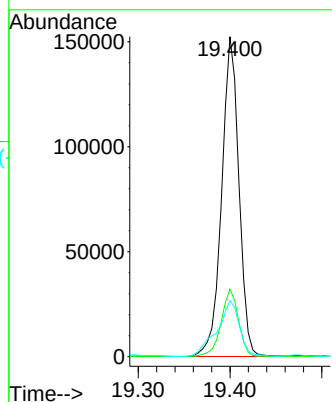
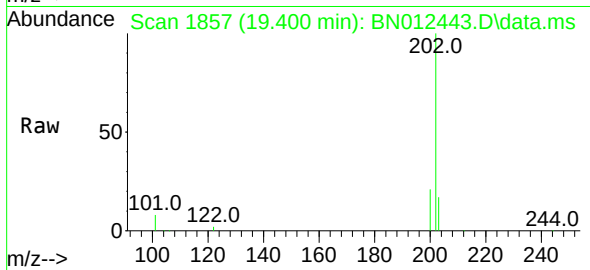




#30
Pyrene
Concen: 10.03 ng
RT: 19.400 min Scan# 1857
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

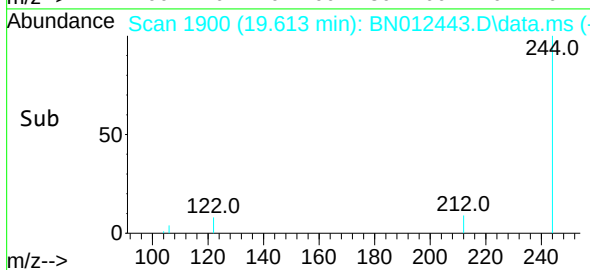
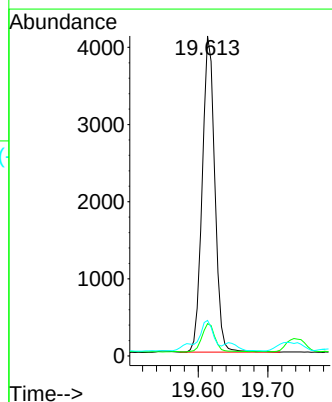
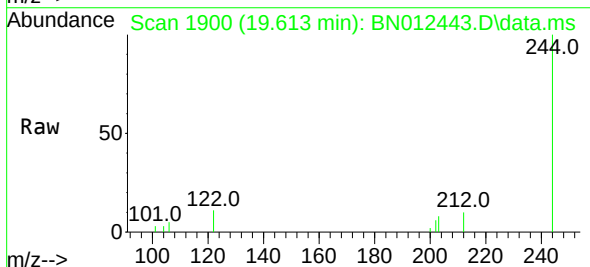
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

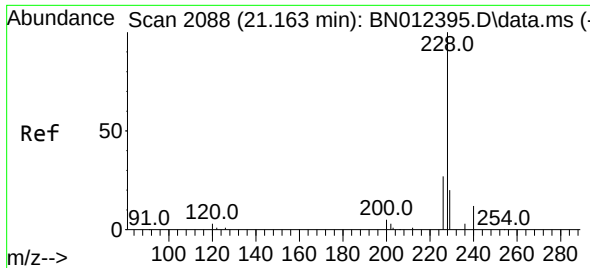
Tgt Ion:202 Resp: 199083
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 22.7 13.8 20.8#



#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.613 min Scan# 1900
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:244 Resp: 5144
Ion Ratio Lower Upper
244 100
212 10.1 7.3 10.9
122 11.1 7.3 10.9#

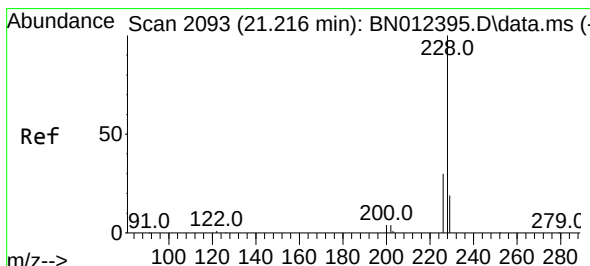
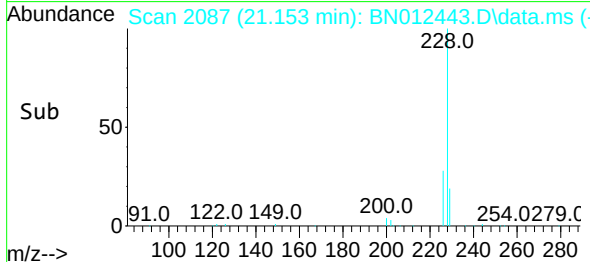
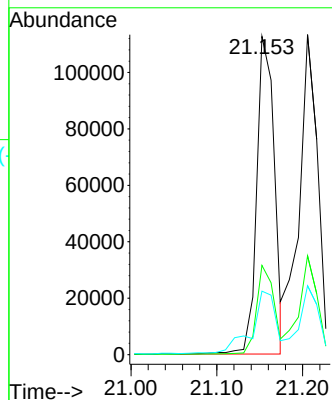
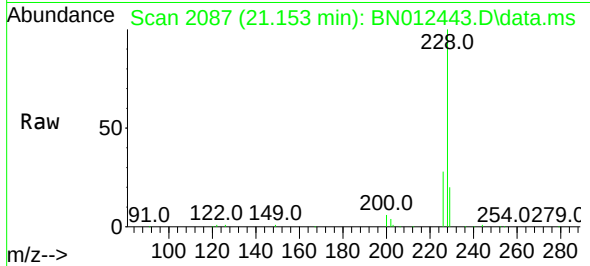




#32
Benzo(a)anthracene
Concen: 9.01 ng
RT: 21.153 min Scan# 2087
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

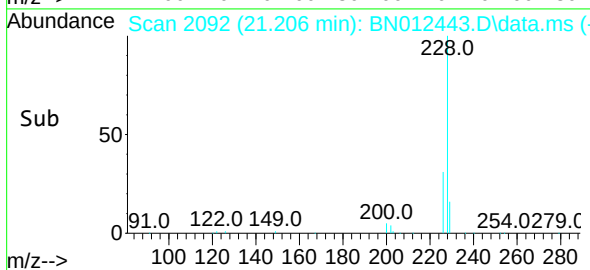
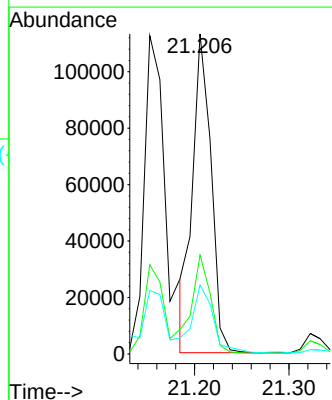
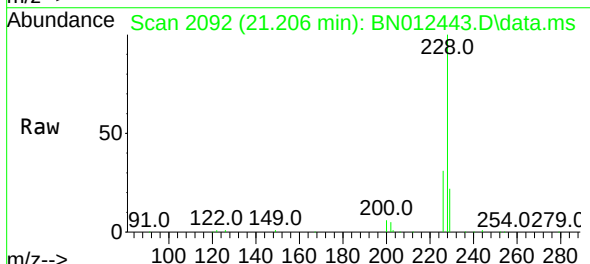
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

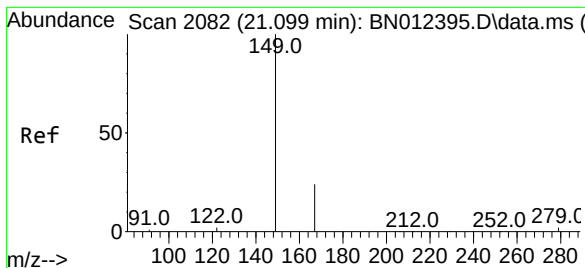
Tgt Ion:228	Resp: 160971
Ion Ratio	Lower Upper
228	100
226	28.1 22.3 33.5
229	20.0 15.7 23.5



#33
Chrysene
Concen: 7.64 ng
RT: 21.206 min Scan# 2092
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:228	Resp: 152940
Ion Ratio	Lower Upper
228	100
226	30.9 24.2 36.2
229	21.6 15.7 23.5

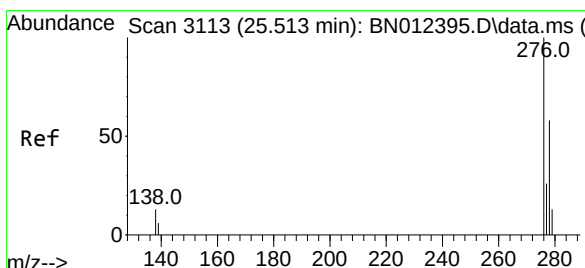
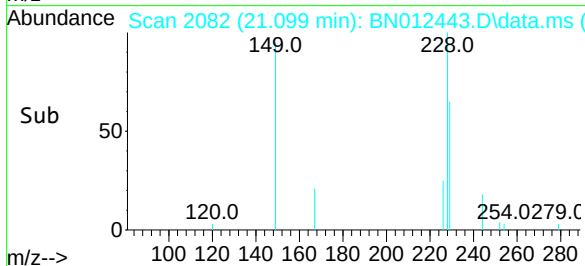
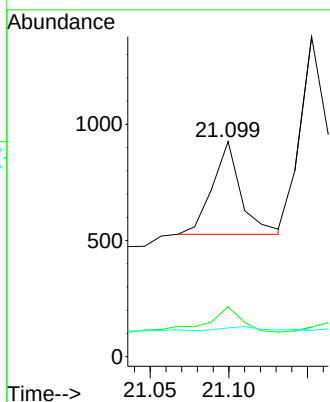
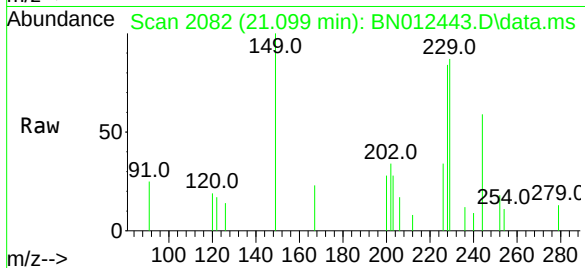




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.099 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

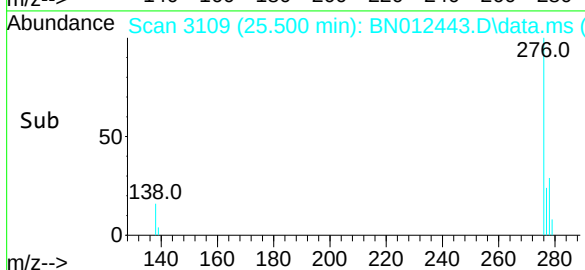
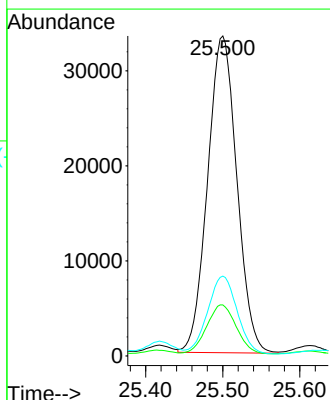
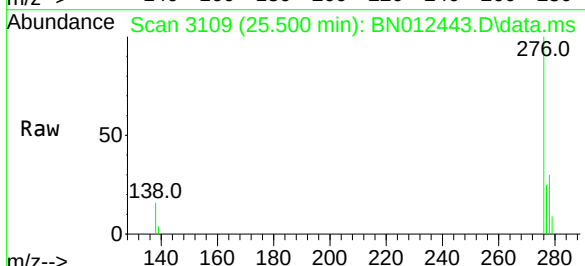
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

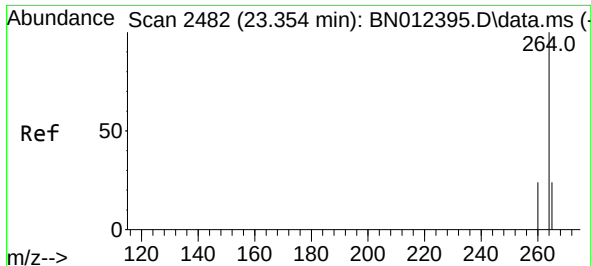
Tgt Ion:149	Resp:	502
Ion Ratio	Lower	Upper
149	100	
167	25.3	23.2 34.8
279	5.4	3.9 5.9



#35
Indeno(1,2,3-cd)pyrene
Concen: 3.05 ng
RT: 25.500 min Scan# 3109
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:276	Resp:	87907
Ion Ratio	Lower	Upper
276	100	
138	15.9	13.3 19.9
277	24.9	20.2 30.4

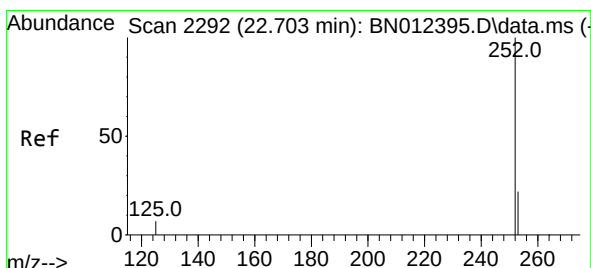
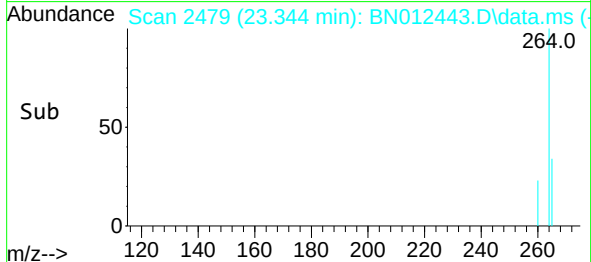
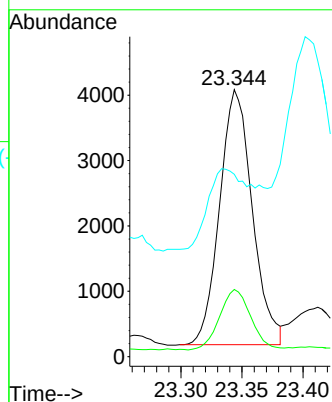
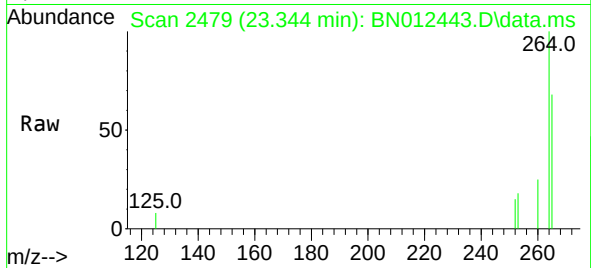




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.344 min Scan# 2479
 Delta R.T. -0.010 min
 Lab File: BN012443.D
 Acq: 29 Oct 2020 18:08

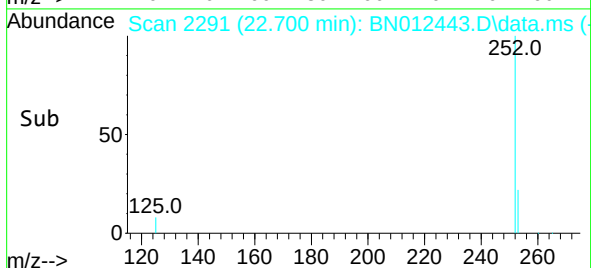
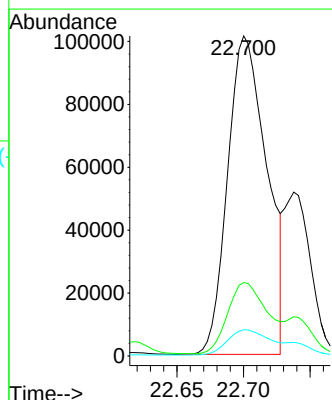
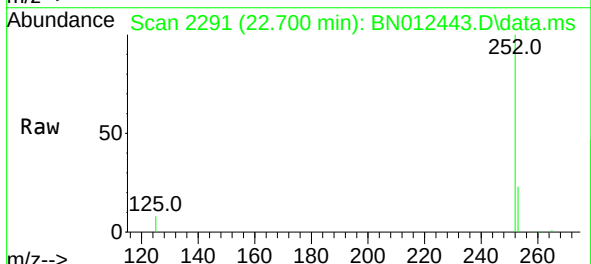
Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0001

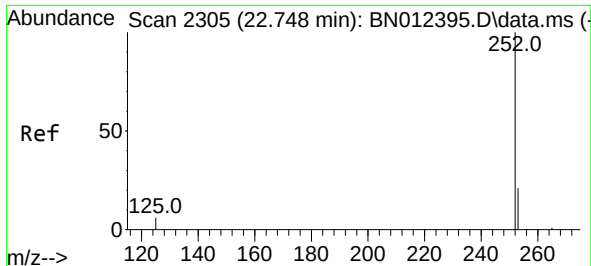
Tgt Ion:264	Resp:	7261
Ion Ratio	Lower	Upper
264	100	
260	25.1	19.8 29.6
265	68.3	51.4 77.0



#37
 Benzo(b)fluoranthene
 Concen: 9.04 ng
 RT: 22.700 min Scan# 2291
 Delta R.T. -0.003 min
 Lab File: BN012443.D
 Acq: 29 Oct 2020 18:08

Tgt Ion:252	Resp:	207181
Ion Ratio	Lower	Upper
252	100	
253	23.0	20.1 30.1
125	8.2	7.2 10.8

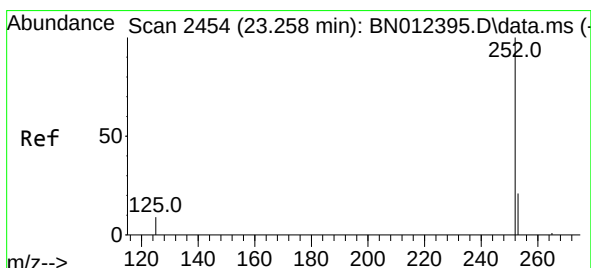
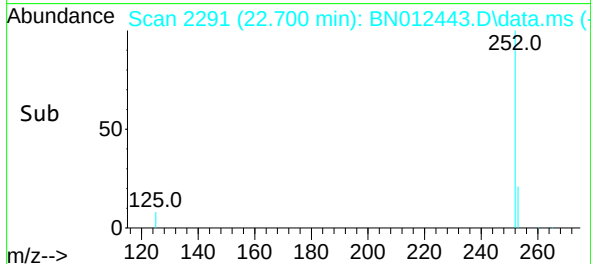
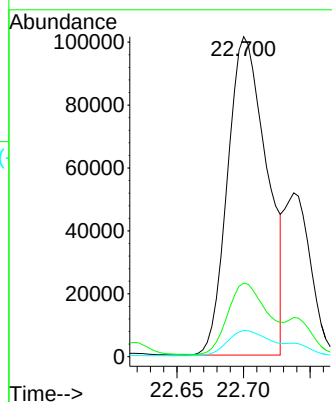
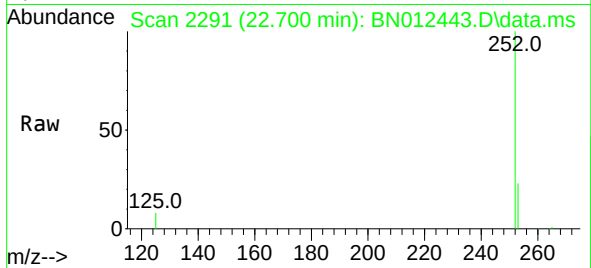




#38
Benzo(k)fluoranthene
Concen: 8.30 ng
RT: 22.700 min Scan# 2291
Delta R.T. -0.048 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

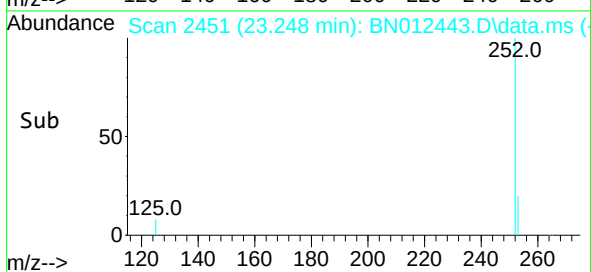
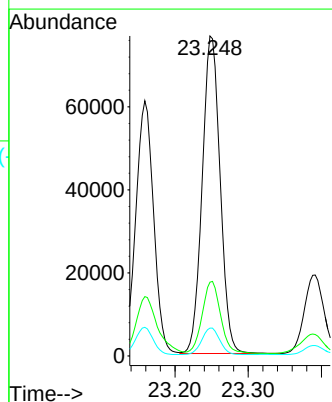
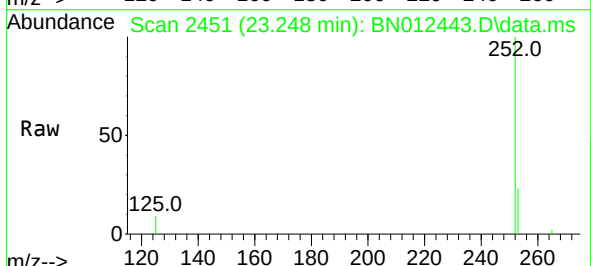
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

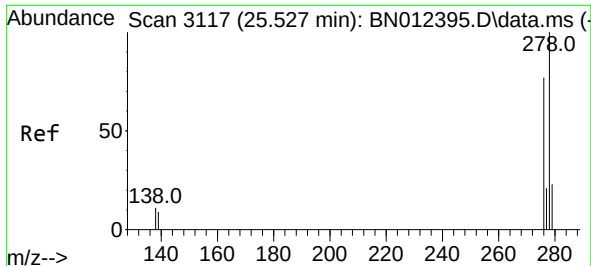
Tgt Ion:252 Resp: 207181
Ion Ratio Lower Upper
252 100
253 23.0 19.8 29.8
125 8.2 7.1 10.7



#39
Benzo(a)pyrene
Concen: 5.86 ng
RT: 23.248 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:252 Resp: 130160
Ion Ratio Lower Upper
252 100
253 23.0 21.3 31.9
125 8.7 8.3 12.5

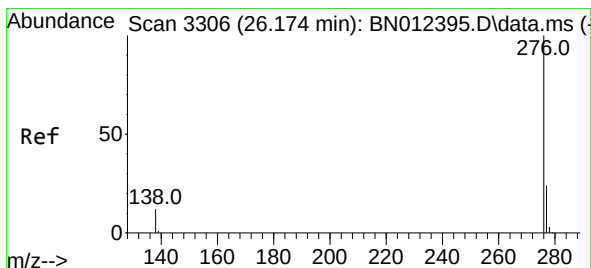
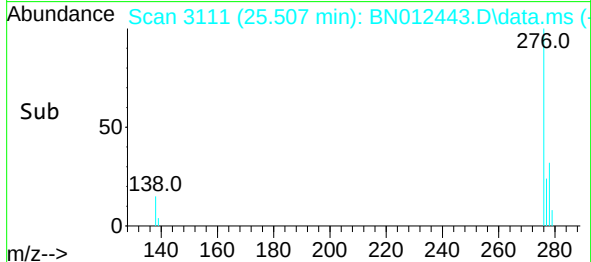
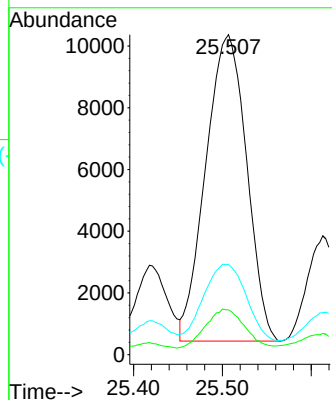
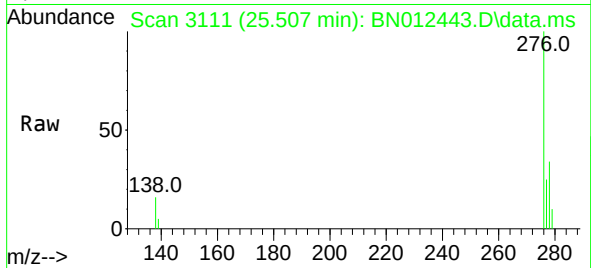




#40
Dibenzo(a,h)anthracene
Concen: 1.26 ng
RT: 25.507 min Scan# 3111
Delta R.T. -0.020 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0001

Tgt Ion:278 Resp: 31692
Ion Ratio Lower Upper
278 100
139 14.0 9.3 13.9#
279 28.2 21.6 32.4



#41
Benzo(g,h,i)perylene
Concen: 3.51 ng
RT: 26.161 min Scan# 3302
Delta R.T. -0.010 min
Lab File: BN012443.D
Acq: 29 Oct 2020 18:08

Tgt Ion:276 Resp: 92706
Ion Ratio Lower Upper
276 100
277 24.0 19.8 29.8
138 15.8 11.7 17.5

